

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088416.D
 Acq On : 03 Dec 2025 10:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 00:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	266209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	462230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	427792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	213345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	261610	52.167	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.340%			
35) Dibromofluoromethane	8.147	113	174831	54.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.541	98	642527	53.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.823	95	225998	55.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	210770	52.713	ug/l	98
3) Chloromethane	2.383	50	204982	47.732	ug/l	97
4) Vinyl Chloride	2.536	62	215956	49.431	ug/l	99
5) Bromomethane	2.977	94	97385	46.314	ug/l	97
6) Chloroethane	3.142	64	134435	49.724	ug/l	100
7) Trichlorofluoromethane	3.518	101	323024	52.607	ug/l	99
8) Diethyl Ether	3.959	74	111965	48.582	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	166272	50.865	ug/l	99
10) Methyl Iodide	4.589	142	139992	43.261	ug/l	95
11) Tert butyl alcohol	5.506	59	159327	198.997	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	163270	50.271	ug/l	93
13) Acrolein	4.177	56	214176	279.411	ug/l	98
14) Allyl chloride	5.012	41	288947	48.000	ug/l	97
15) Acrylonitrile	5.706	53	568868	246.260	ug/l	99
16) Acetone	4.418	43	345446	190.472	ug/l	98
17) Carbon Disulfide	4.706	76	525851	49.548	ug/l	100
18) Methyl Acetate	5.012	43	274543	50.855	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	636852	52.337	ug/l	97
20) Methylene Chloride	5.265	84	193115	49.768	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	181773	50.524	ug/l	99
22) Diisopropyl ether	6.659	45	674973	52.520	ug/l	98
23) Vinyl Acetate	6.589	43	3046674	294.236	ug/l	99
24) 1,1-Dichloroethane	6.547	63	373923	51.377	ug/l	98
25) 2-Butanone	7.465	43	668243	229.194	ug/l	97
26) 2,2-Dichloropropane	7.471	77	325624	51.834	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	212401	50.799	ug/l	98
28) Bromochloromethane	7.794	49	188119	51.887	ug/l	98
29) Tetrahydrofuran	7.824	42	530562	253.701	ug/l	99
30) Chloroform	7.947	83	376472	52.643	ug/l	94
31) Cyclohexane	8.236	56	333083	50.503	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	328819	52.294	ug/l	100
36) 1,1-Dichloropropene	8.353	75	261538	52.904	ug/l	100
37) Ethyl Acetate	7.541	43	330927	50.910	ug/l	98
38) Carbon Tetrachloride	8.341	117	279470	56.788	ug/l	97
39) Methylcyclohexane	9.577	83	285626	54.015	ug/l	93
40) Benzene	8.588	78	778207	53.634	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088416.D
 Acq On : 03 Dec 2025 10:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 00:13:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	173192	53.795	ug/l	96
42) 1,2-Dichloroethane	8.647	62	316259	57.130	ug/l	98
43) Isopropyl Acetate	8.671	43	520873	52.446	ug/l	99
44) Trichloroethene	9.330	130	170049	49.600	ug/l	99
45) 1,2-Dichloropropane	9.600	63	202215	54.396	ug/l	95
46) Dibromomethane	9.688	93	144881	54.610	ug/l	98
47) Bromodichloromethane	9.865	83	296516	54.776	ug/l	96
48) Methyl methacrylate	9.659	41	252113	55.636	ug/l	98
49) 1,4-Dioxane	9.677	88	49701	862.439	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	1637165	279.666	ug/l	99
52) Toluene	10.606	92	476264	56.846	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	302012	54.354	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	322568	55.204	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	177106	54.637	ug/l	97
56) Ethyl methacrylate	10.853	69	299832	58.558	ug/l	99
57) 1,3-Dichloropropane	11.141	76	317144	54.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	865254	293.116	ug/l	99
59) 2-Hexanone	11.177	43	1019410	276.431	ug/l	99
60) Dibromochloromethane	11.335	129	203281	55.011	ug/l	96
61) 1,2-Dibromoethane	11.447	107	176881	53.887	ug/l	99
64) Tetrachloroethene	11.082	164	155084	45.729	ug/l	96
65) Chlorobenzene	11.871	112	490827	51.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	169798	52.393	ug/l	97
67) Ethyl Benzene	11.941	91	896457	53.378	ug/l	99
68) m/p-Xylenes	12.047	106	677300	108.770	ug/l	98
69) o-Xylene	12.376	106	313812	52.861	ug/l	100
70) Styrene	12.388	104	541836	56.212	ug/l	99
71) Bromoform	12.559	173	127101	53.544	ug/l #	97
73) Isopropylbenzene	12.671	105	842054	53.381	ug/l	99
74) N-amyl acetate	12.500	43	210218m	39.131	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	256612	50.320	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	255919m	51.215	ug/l	
77) Bromobenzene	12.959	156	184770	51.194	ug/l	99
78) n-propylbenzene	13.012	91	1038692	53.824	ug/l	99
79) 2-Chlorotoluene	13.100	91	610198	51.779	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	710935	54.389	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	91405	51.894	ug/l #	85
82) 4-Chlorotoluene	13.200	91	645688	55.164	ug/l	98
83) tert-Butylbenzene	13.412	119	583188	52.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	704701	54.240	ug/l	99
85) sec-Butylbenzene	13.594	105	848228	53.137	ug/l	100
86) p-Isopropyltoluene	13.706	119	704236	53.801	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	356592	50.754	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	363362	49.372	ug/l	98
89) n-Butylbenzene	14.029	91	669720	52.694	ug/l	99
90) Hexachloroethane	14.306	117	125835	52.623	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	337073	50.982	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61396	49.621	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	189586	48.260	ug/l	97
94) Hexachlorobutadiene	15.470	225	71090	50.359	ug/l	97
95) Naphthalene	15.612	128	671069	49.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	187617	49.073	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
Data File : VN088416.D
Acq On : 03 Dec 2025 10:09
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

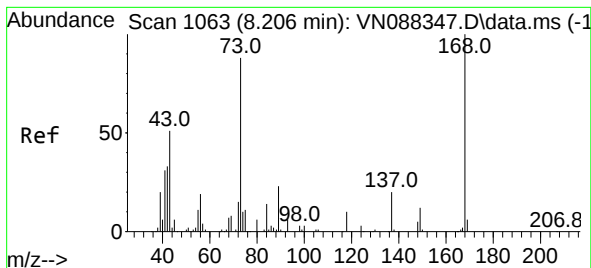
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 00:13:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 266209

Ion Ratio Lower Upper

168 100

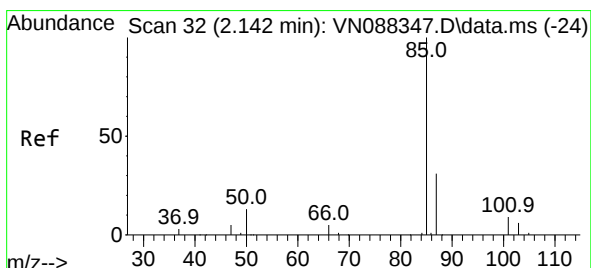
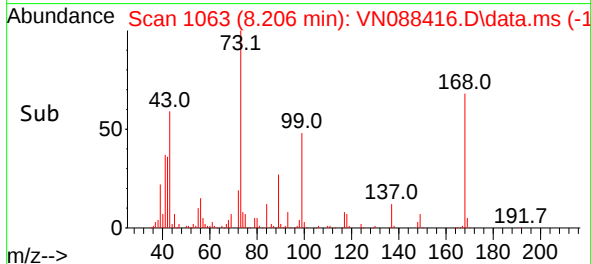
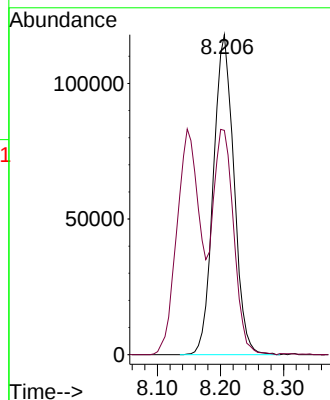
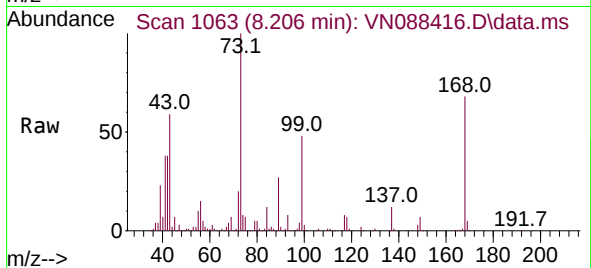
99 69.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#2

Dichlorodifluoromethane

Concen: 52.713 ug/l

RT: 2.142 min Scan# 32

Delta R.T. 0.000 min

Lab File: VN088416.D

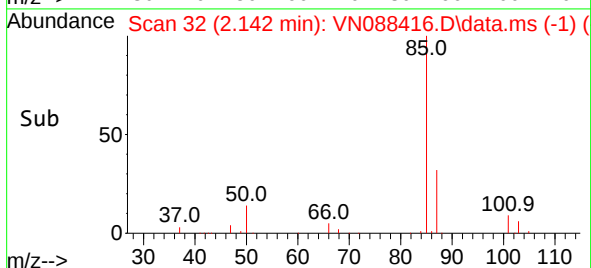
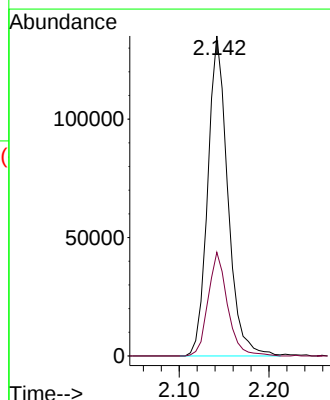
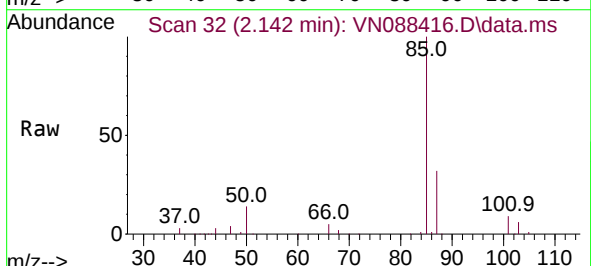
Acq: 03 Dec 2025 10:09

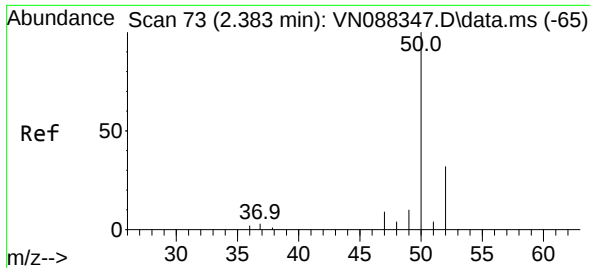
Tgt Ion: 85 Resp: 210770

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.7





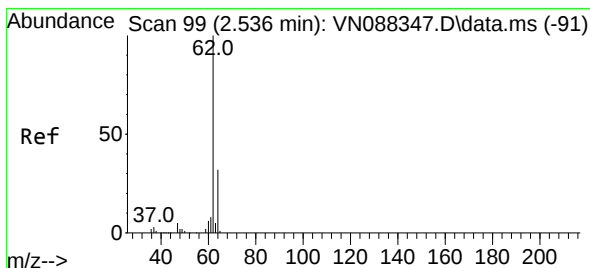
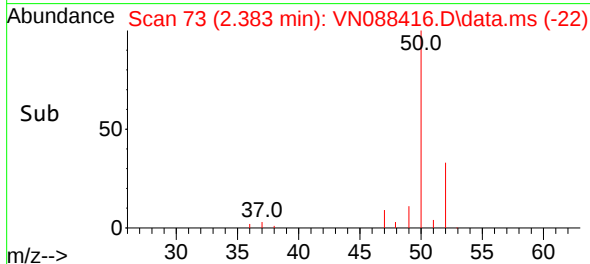
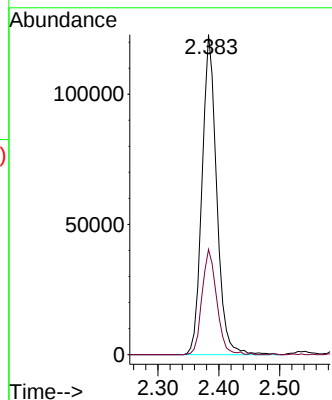
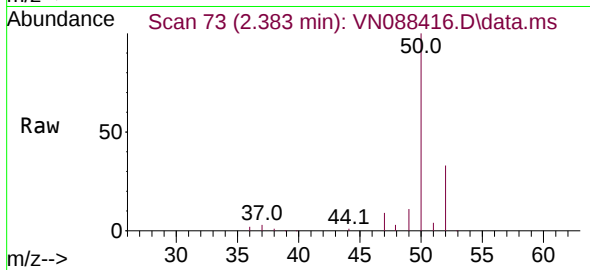
#3
Chloromethane
Concen: 47.732 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 204982
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8

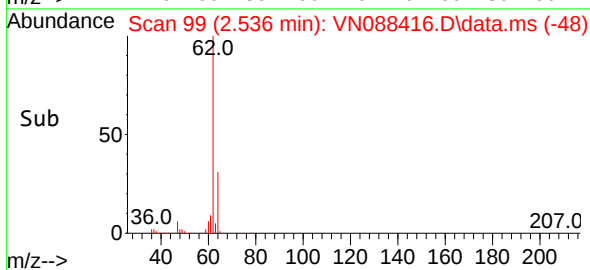
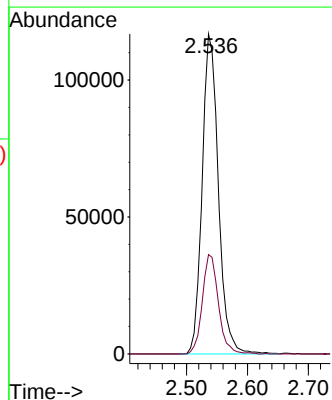
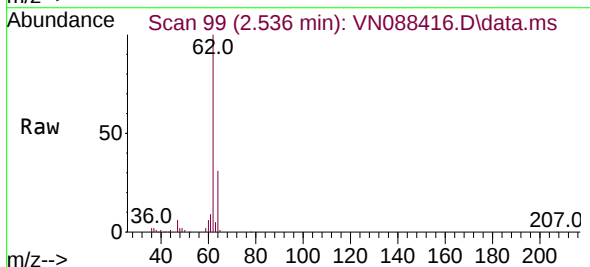
Manual Integrations
APPROVED

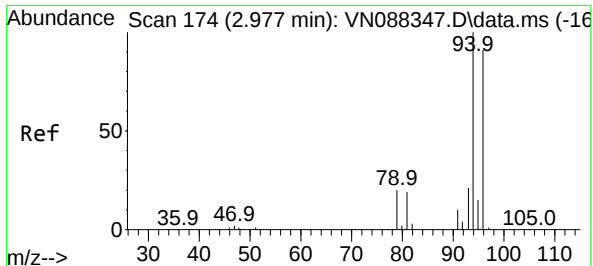
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 49.431 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

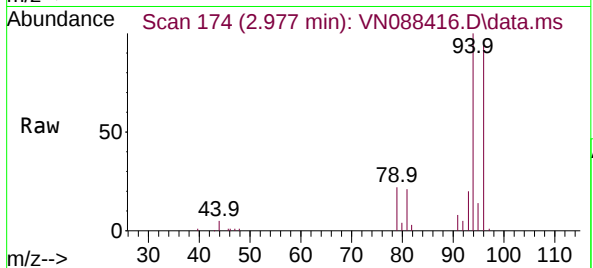
Tgt Ion: 62 Resp: 215956
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.2





#5
Bromomethane
Concen: 46.314 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

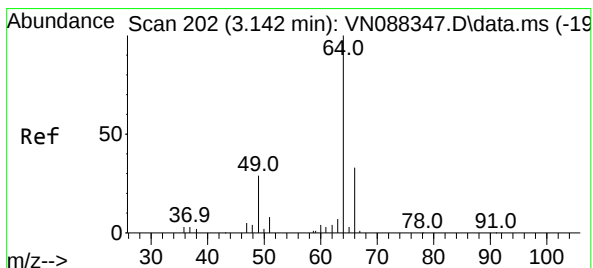
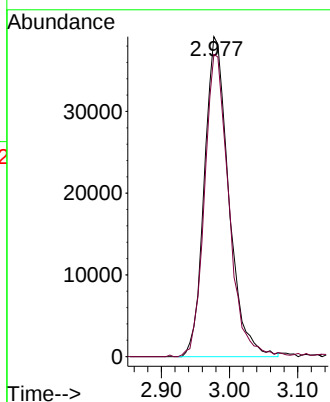
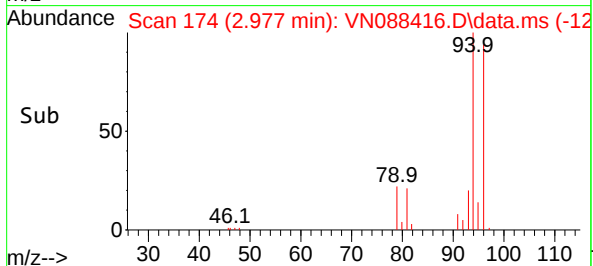
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



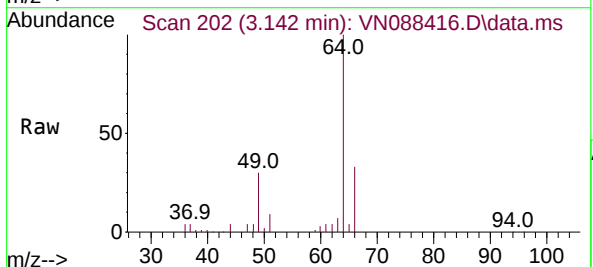
Tgt Ion: 94 Resp: 97385
Ion Ratio Lower Upper
94 100
96 94.4 73.2 109.8

Manual Integrations
APPROVED

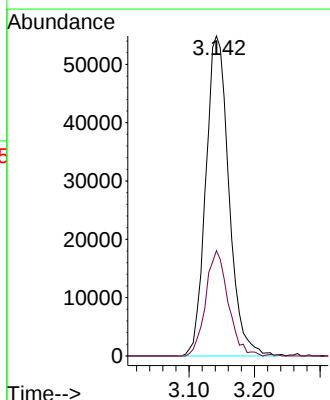
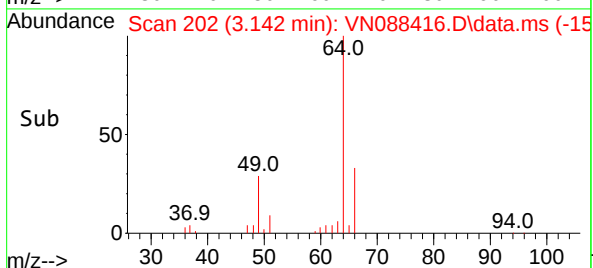
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

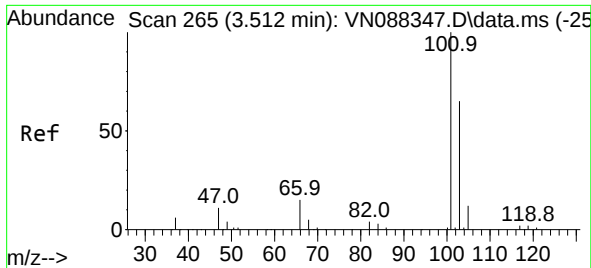


#6
Chloroethane
Concen: 49.724 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 64 Resp: 134435
Ion Ratio Lower Upper
64 100
66 32.9 26.4 39.6





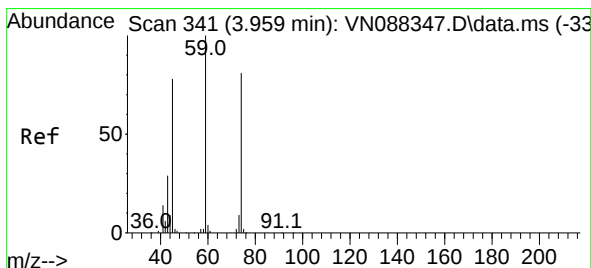
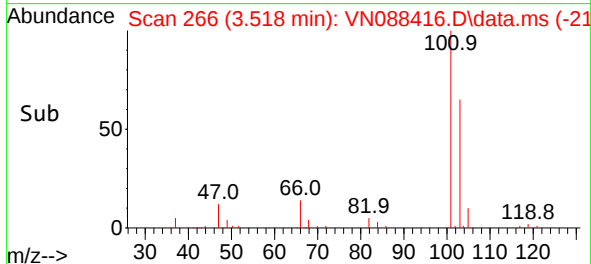
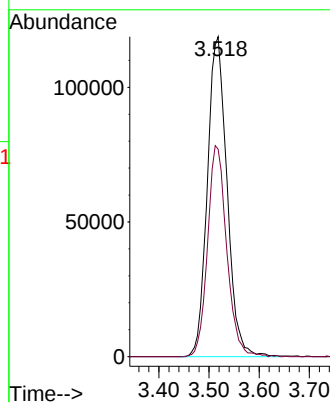
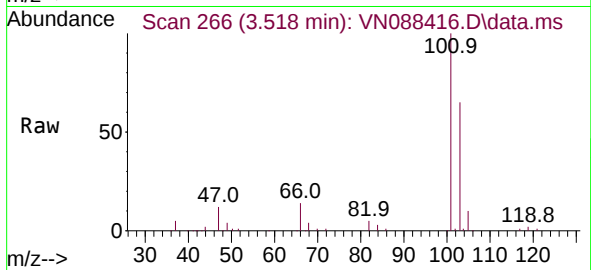
#7
 Trichlorofluoromethane
 Concen: 52.607 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 323024
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

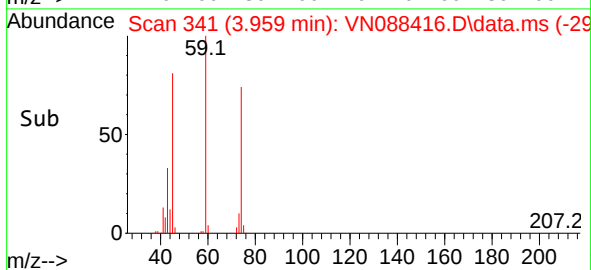
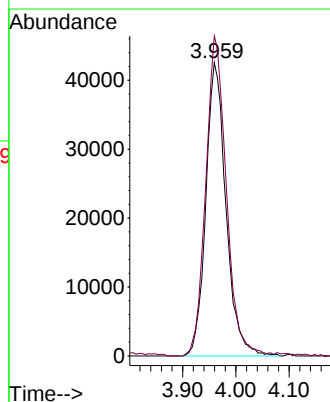
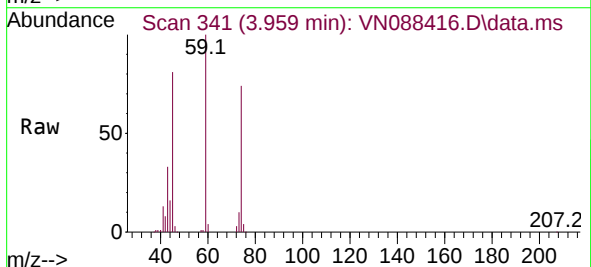
Manual Integrations
 APPROVED

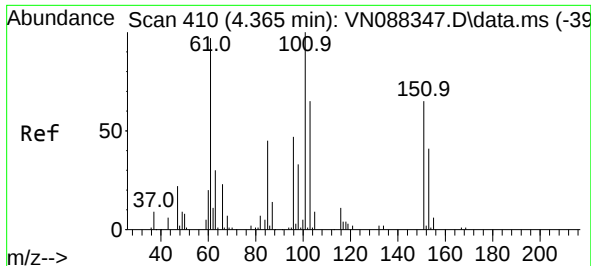
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 48.582 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09

Tgt Ion: 74 Resp: 111965
 Ion Ratio Lower Upper
 74 100
 45 111.2 54.2 162.6





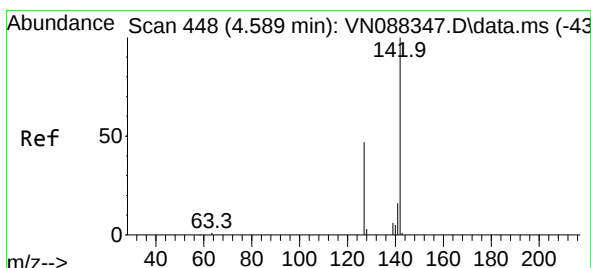
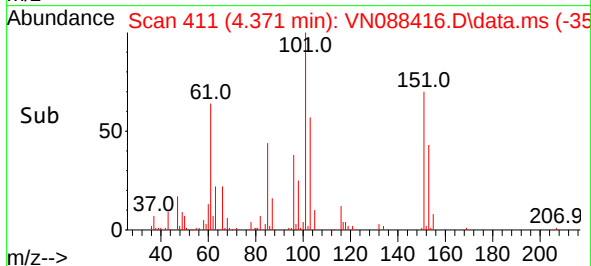
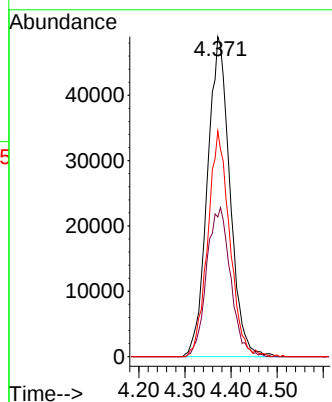
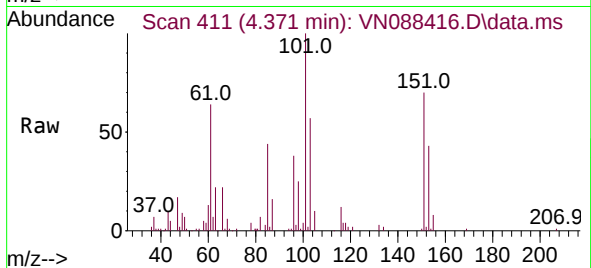
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.865 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 166272
Ion Ratio Lower Upper
101 100
85 49.4 39.2 58.8
151 68.5 53.6 80.4

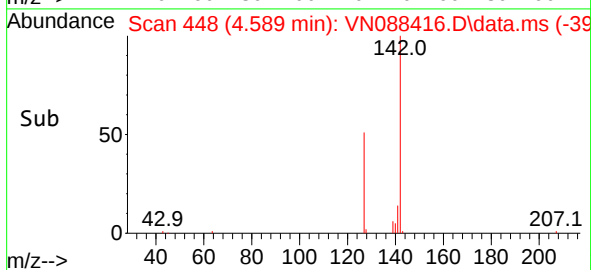
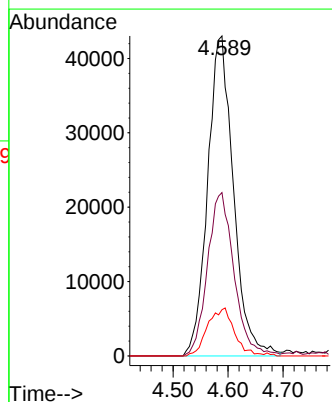
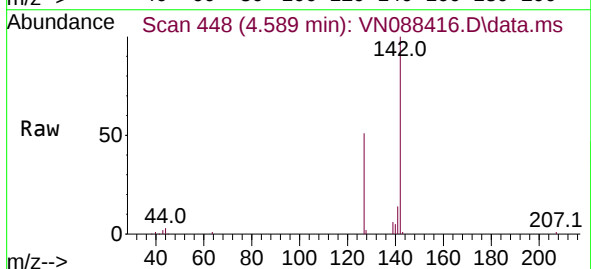
Manual Integrations
APPROVED

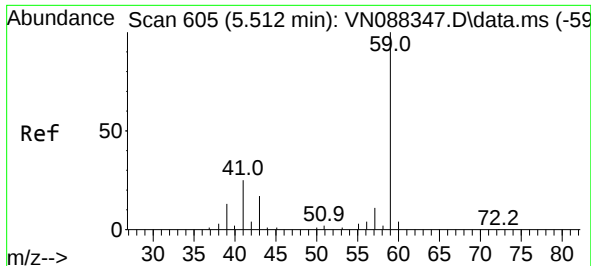
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 43.261 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

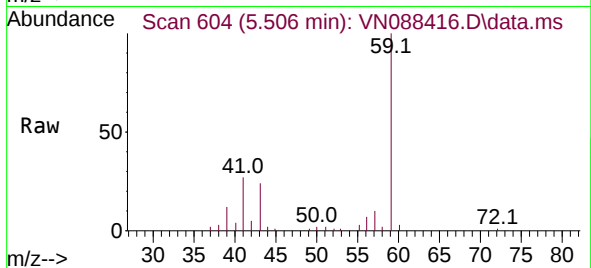
Tgt Ion:142 Resp: 139992
Ion Ratio Lower Upper
142 100
127 51.0 37.9 56.9
141 14.4 12.4 18.6





#11
Tert butyl alcohol
Concen: 198.997 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

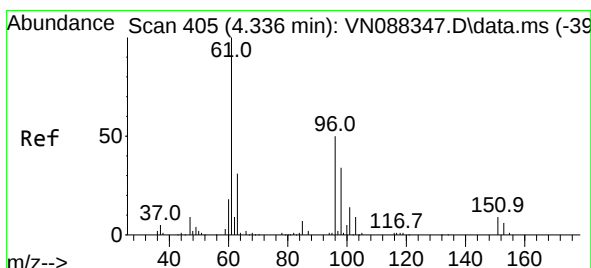
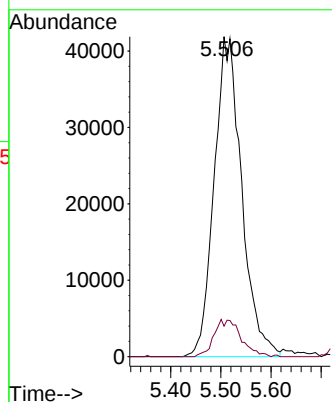
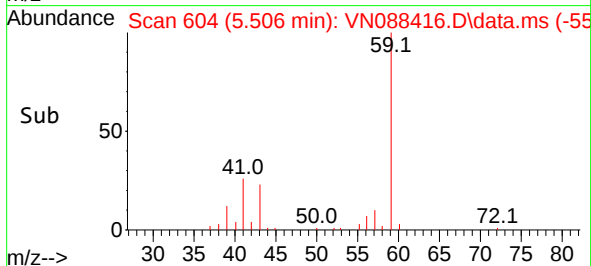
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



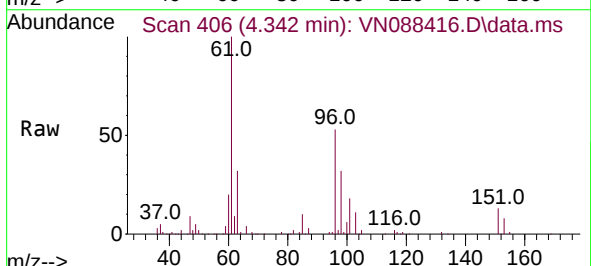
Tgt Ion: 59 Resp: 159327
Ion Ratio Lower Upper
59 100
57 4.7 8.5 12.7

Manual Integrations
APPROVED

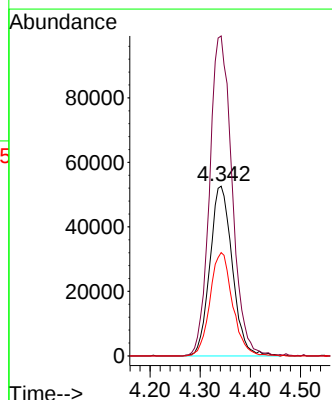
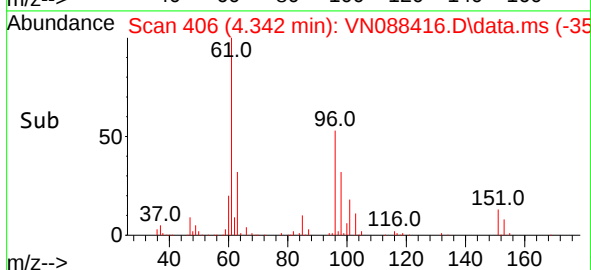
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

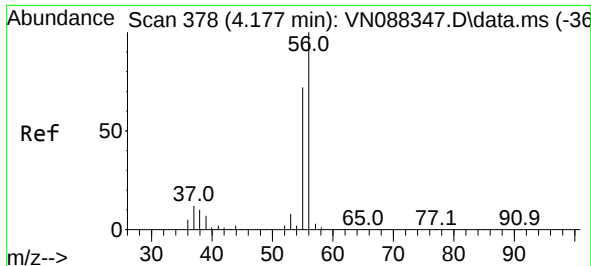


#12
1,1-Dichloroethene
Concen: 50.271 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 96 Resp: 163270
Ion Ratio Lower Upper
96 100
61 188.6 159.1 238.7
98 60.9 53.7 80.5





#13

Acrolein

Concen: 279.411 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 214176

Ion Ratio Lower Upper

56 100

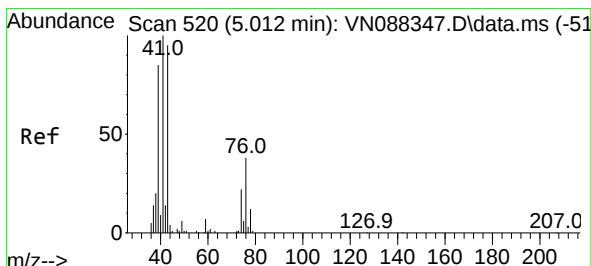
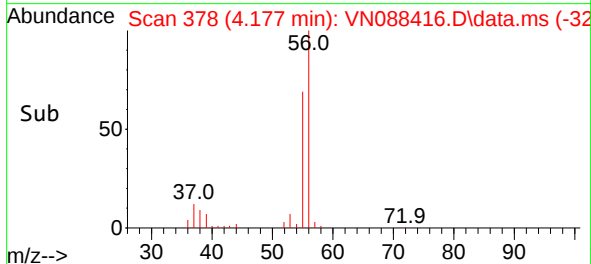
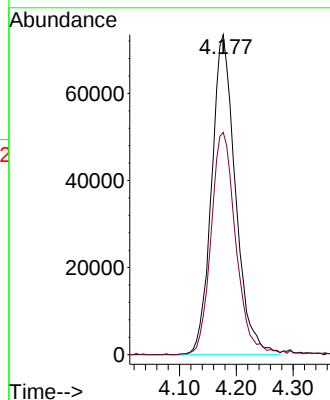
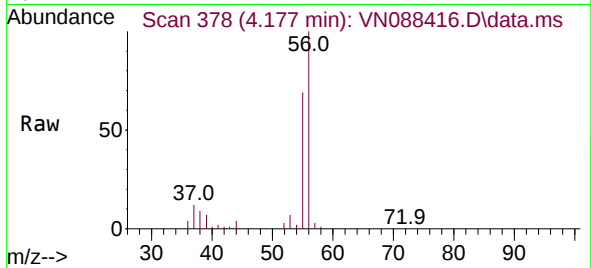
55 72.0 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#14

Allyl chloride

Concen: 48.000 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

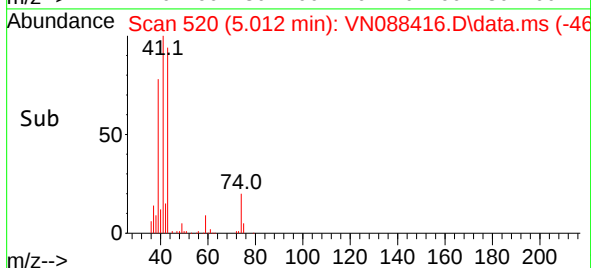
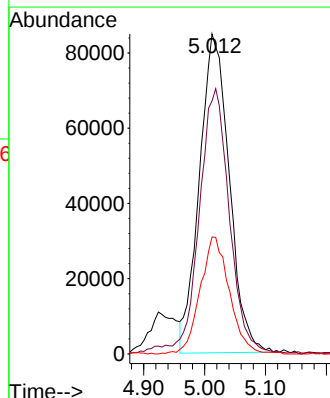
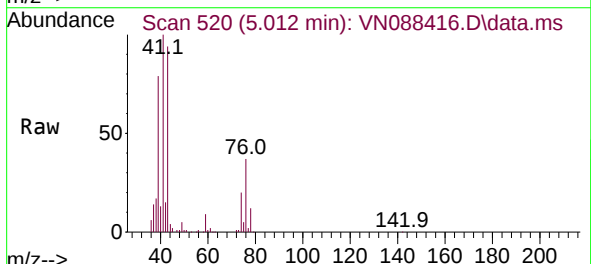
Tgt Ion: 41 Resp: 288947

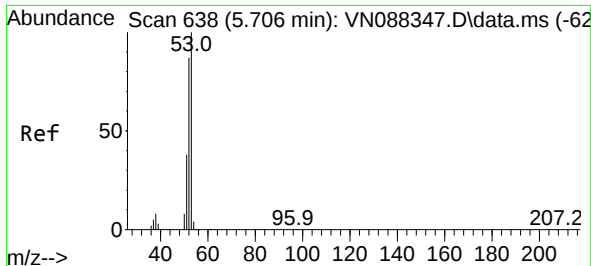
Ion Ratio Lower Upper

41 100

39 85.0 64.7 97.1

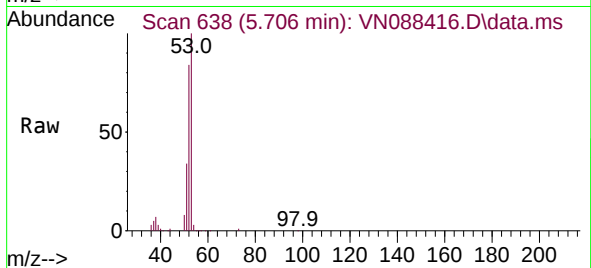
76 36.0 29.1 43.7





#15
Acrylonitrile
Concen: 246.260 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

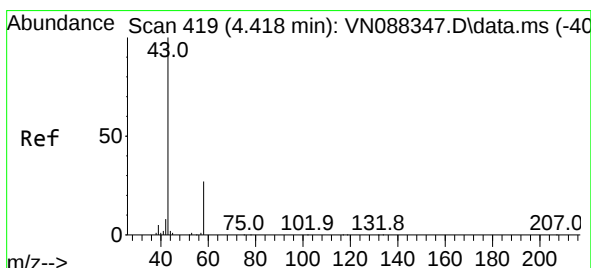
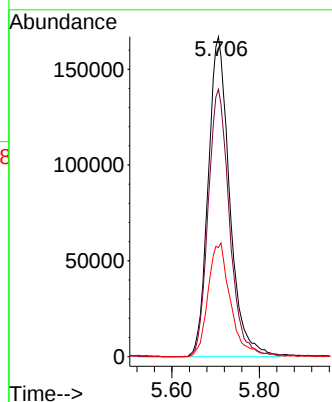
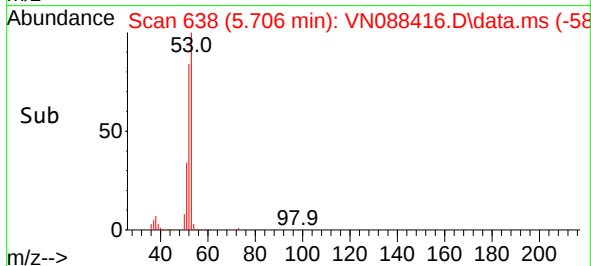
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



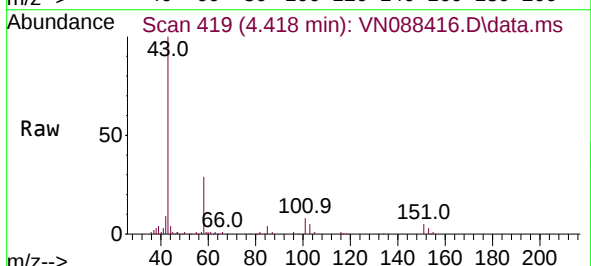
Tgt Ion: 53 Resp: 568868
Ion Ratio Lower Upper
53 100
52 83.1 67.8 101.6
51 37.4 29.8 44.8

Manual Integrations
APPROVED

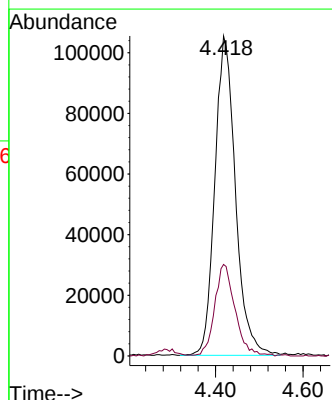
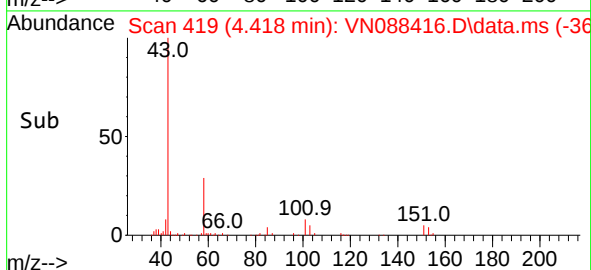
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

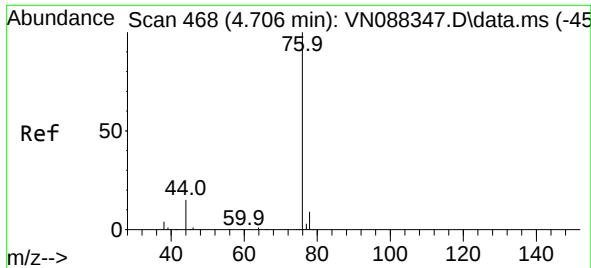


#16
Acetone
Concen: 190.472 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 43 Resp: 345446
Ion Ratio Lower Upper
43 100
58 28.3 21.7 32.5





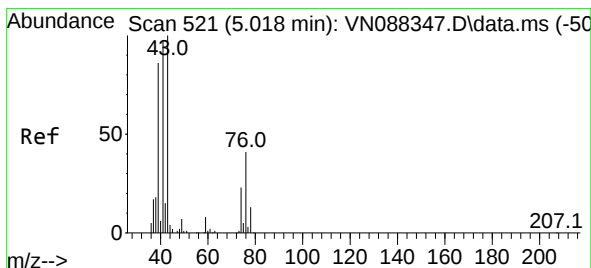
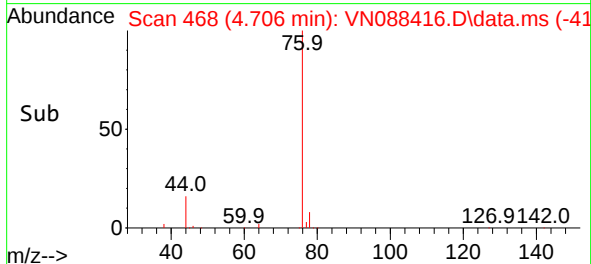
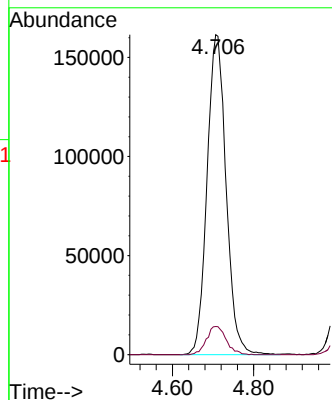
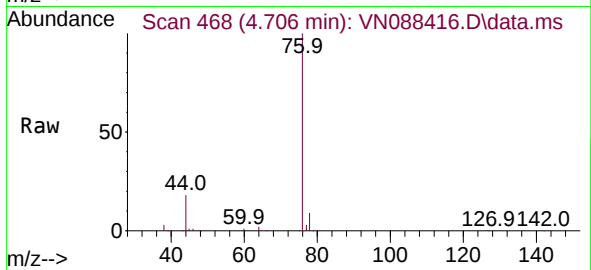
#17
Carbon Disulfide
Concen: 49.548 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 52585
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

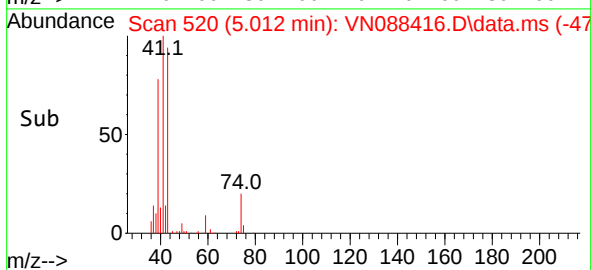
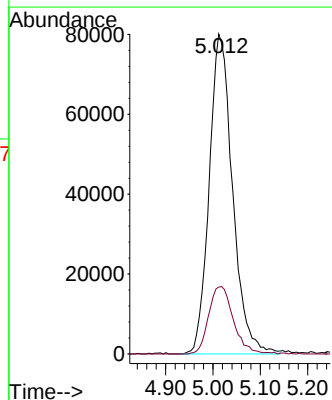
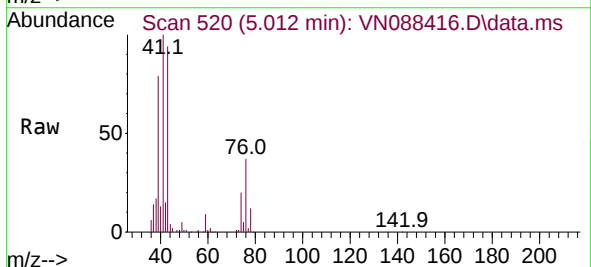
Manual Integrations
APPROVED

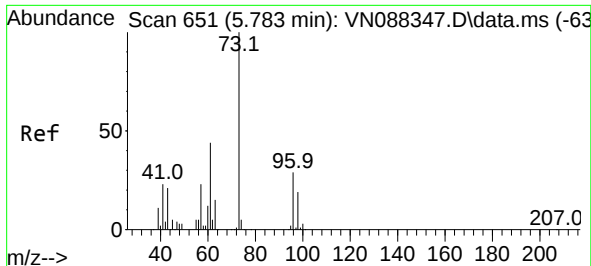
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 50.855 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

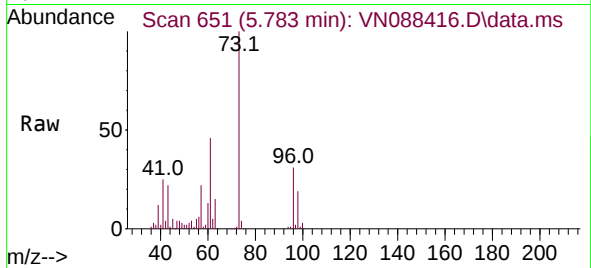
Tgt Ion: 43 Resp: 274543
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 52.337 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

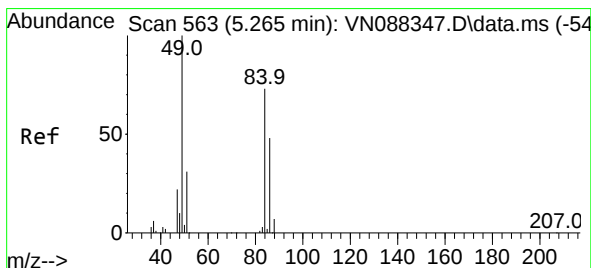
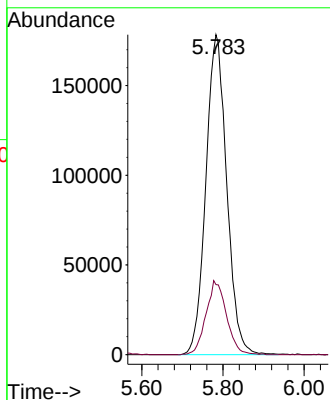
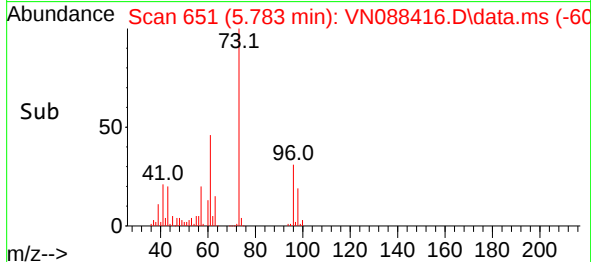
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



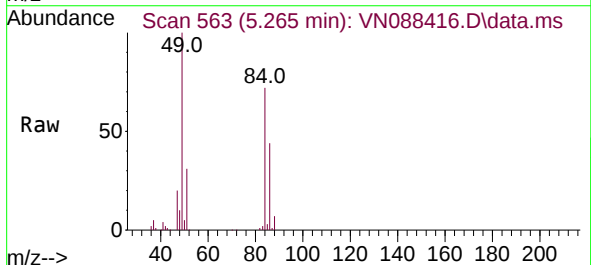
Tgt Ion: 73 Resp: 636852
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0

Manual Integrations
APPROVED

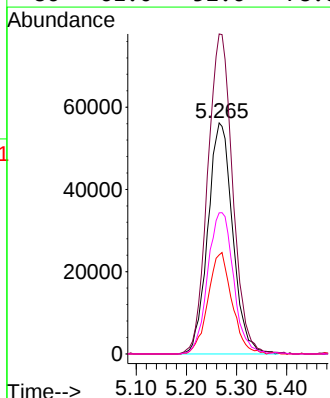
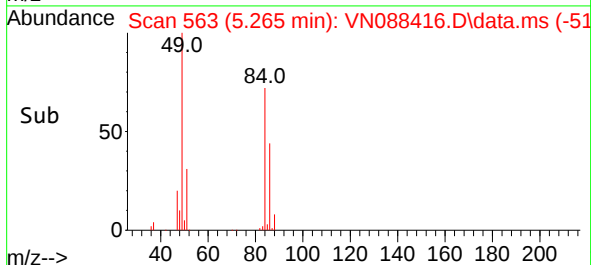
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

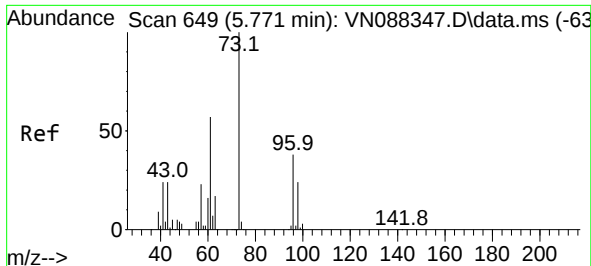


#20
Methylene Chloride
Concen: 49.768 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



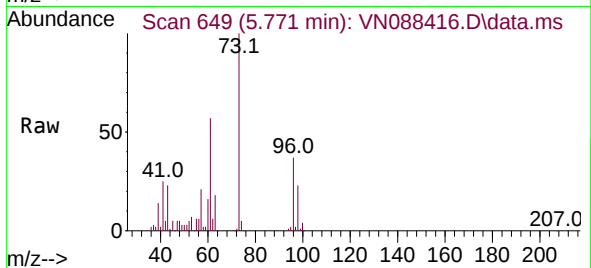
Tgt Ion: 84 Resp: 193115
Ion Ratio Lower Upper
84 100
49 138.5 110.2 165.2
51 42.9 34.1 51.1
86 61.0 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 50.524 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

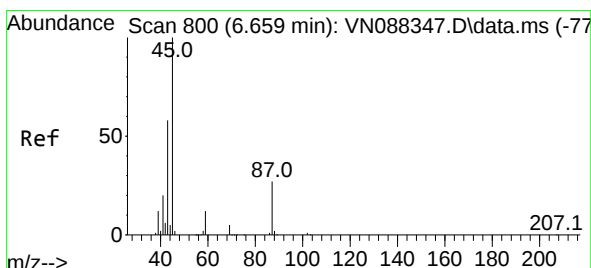
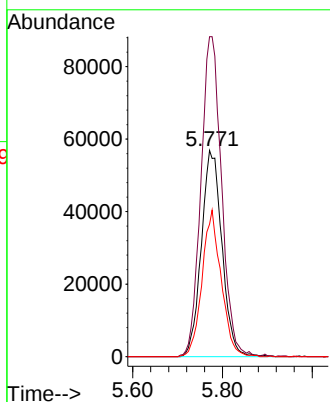
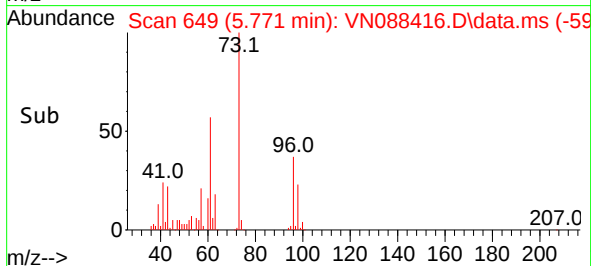
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



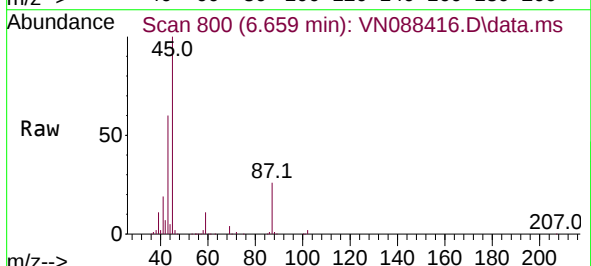
Tgt Ion: 96 Resp: 181773
Ion Ratio Lower Upper
96 100
61 155.2 122.4 183.6
98 64.2 50.9 76.3

Manual Integrations
APPROVED

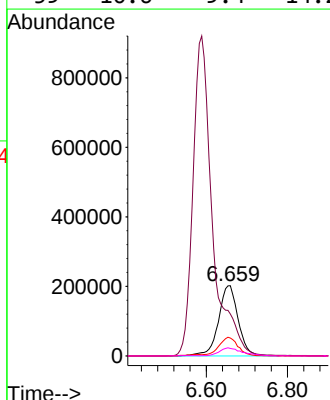
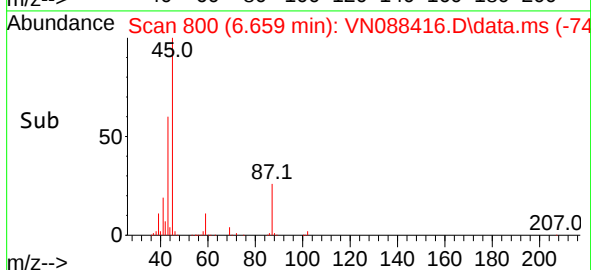
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

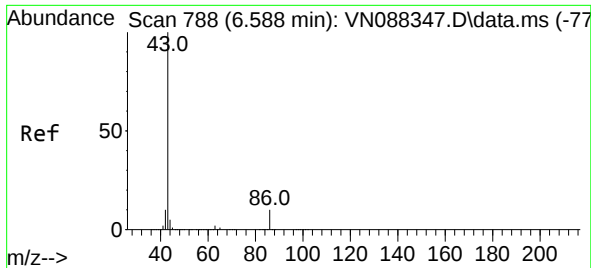


#22
Diisopropyl ether
Concen: 52.520 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 45 Resp: 674973
Ion Ratio Lower Upper
45 100
43 58.7 47.4 71.2
87 25.5 21.9 32.9
59 10.6 9.4 14.2





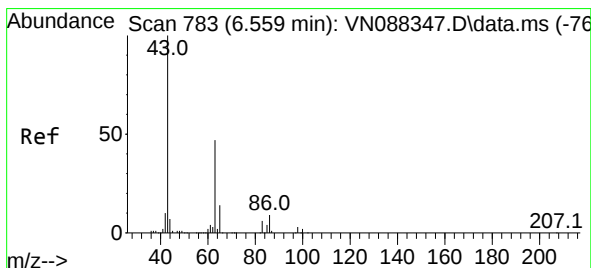
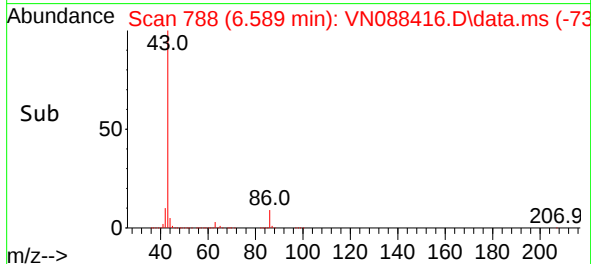
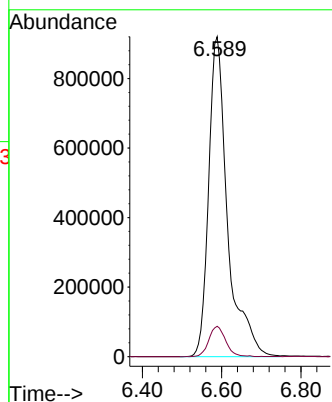
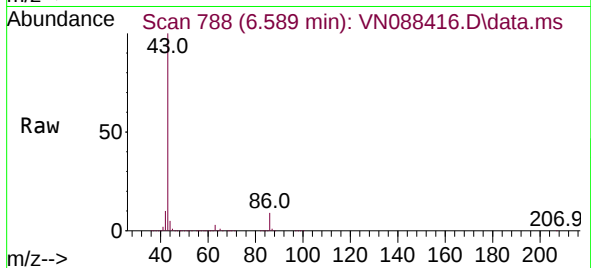
#23
 Vinyl Acetate
 Concen: 294.236 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 3046674
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

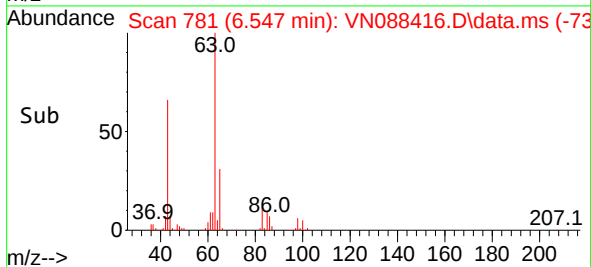
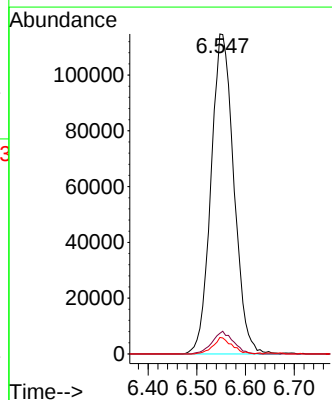
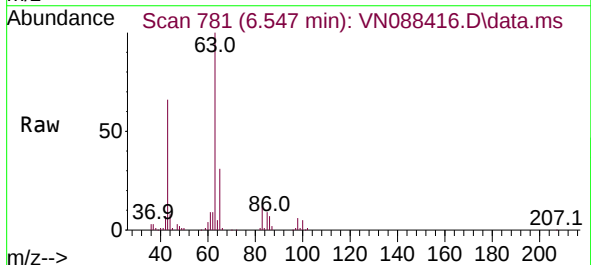
Manual Integrations
 APPROVED

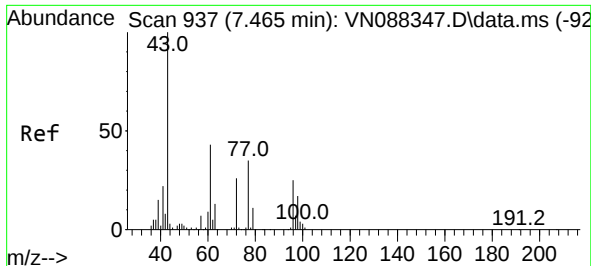
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 51.377 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09

Tgt Ion: 63 Resp: 373923
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 5.1 1.9 5.7





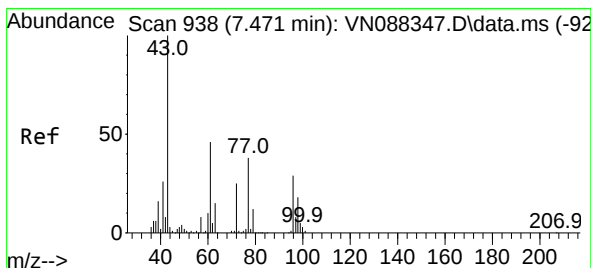
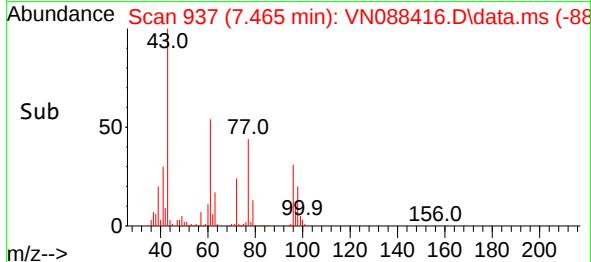
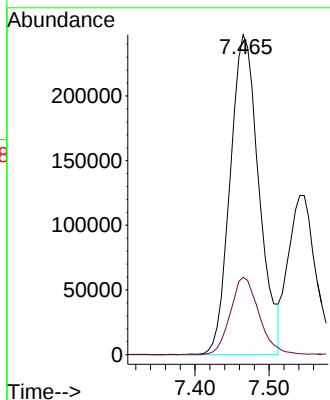
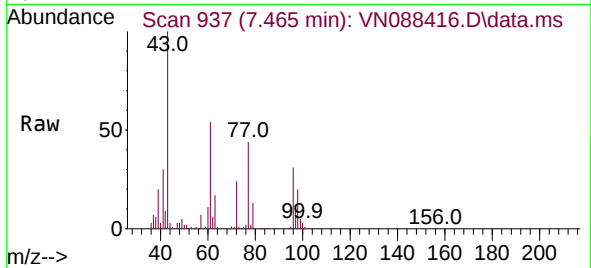
#25
2-Butanone
Concen: 229.194 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 668243
Ion Ratio Lower Upper
43 100
72 24.2 20.5 30.7

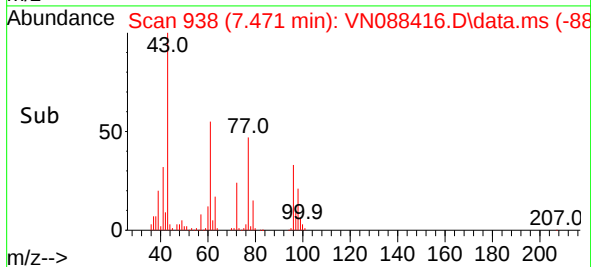
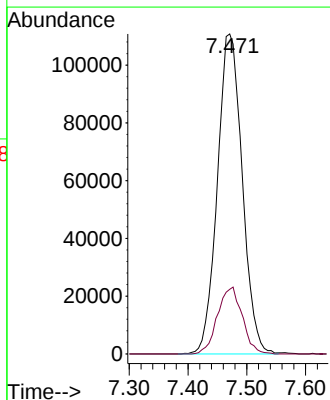
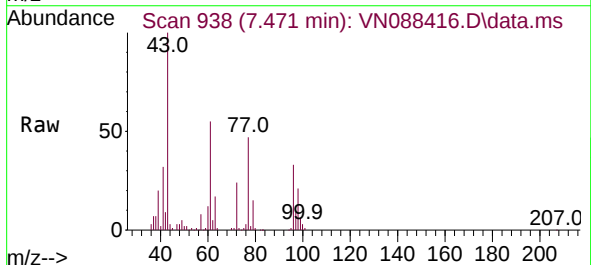
Manual Integrations
APPROVED

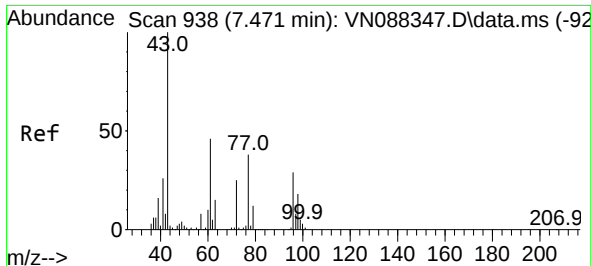
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 51.834 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

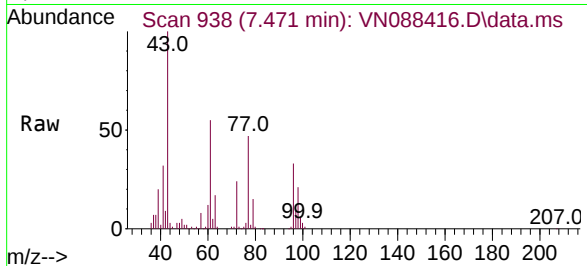
Tgt Ion: 77 Resp: 325624
Ion Ratio Lower Upper
77 100
97 20.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.799 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09

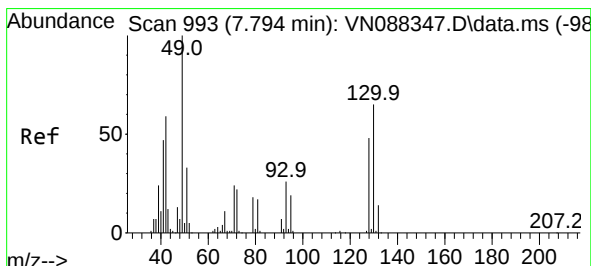
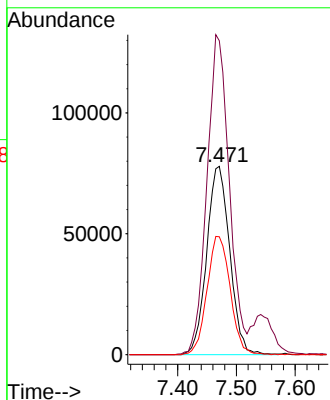
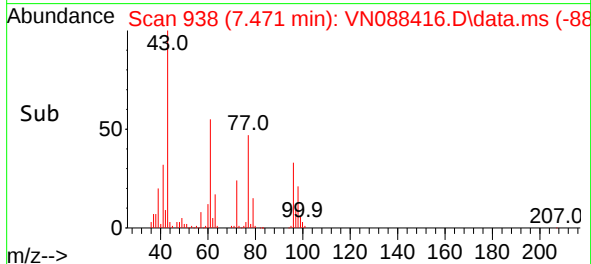
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



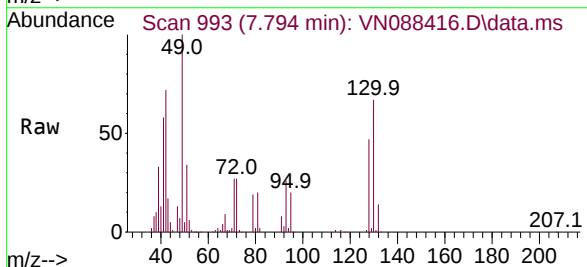
Tgt Ion: 96 Resp: 21240
 Ion Ratio Lower Upper
 96 100
 61 164.6 0.0 323.6
 98 63.0 0.0 127.2

Manual Integrations
 APPROVED

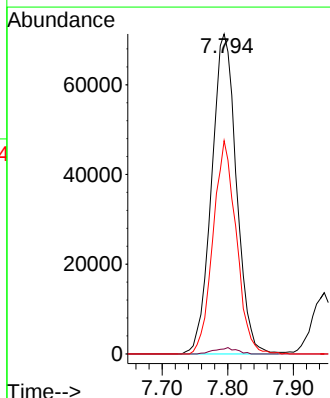
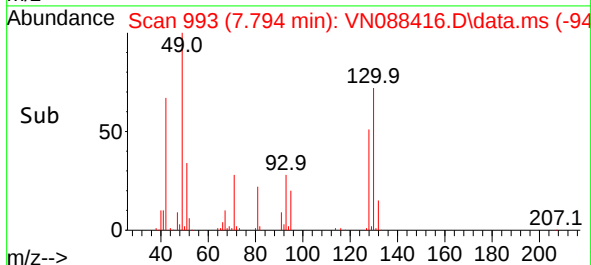
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

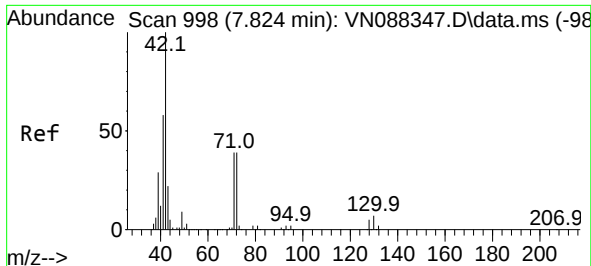


#28
 Bromochloromethane
 Concen: 51.887 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088416.D
 Acq: 03 Dec 2025 10:09



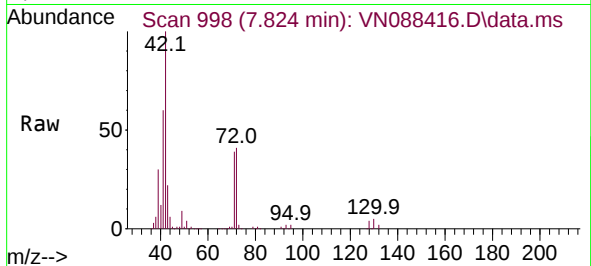
Tgt Ion: 49 Resp: 188119
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 62.4 51.1 76.7





#29
Tetrahydrofuran
Concen: 253.701 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

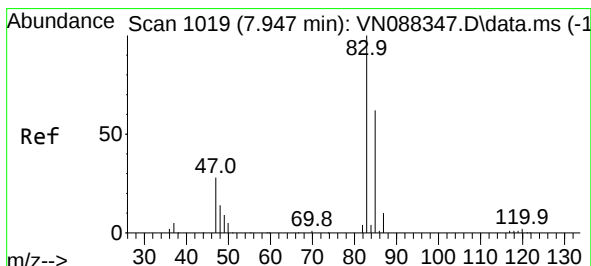
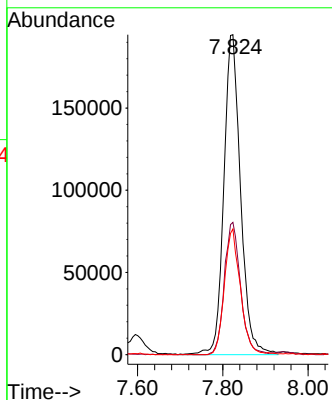
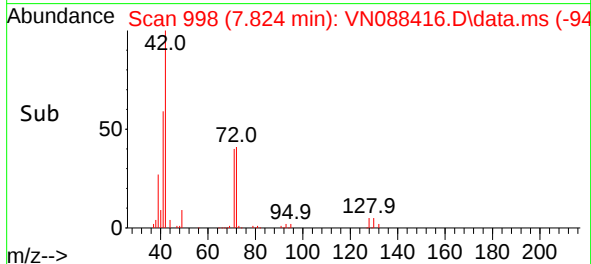
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



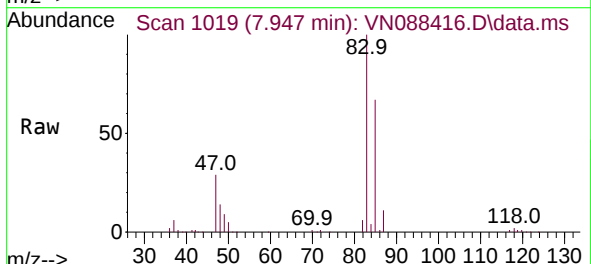
Tgt Ion: 42 Resp: 530562
Ion Ratio Lower Upper
42 100
72 40.1 32.2 48.4
71 37.6 31.1 46.7

Manual Integrations
APPROVED

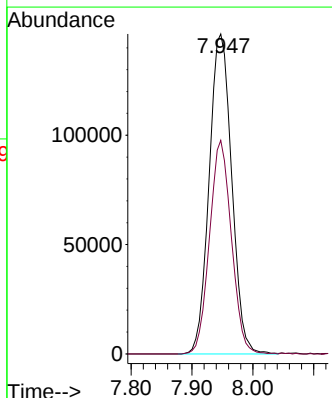
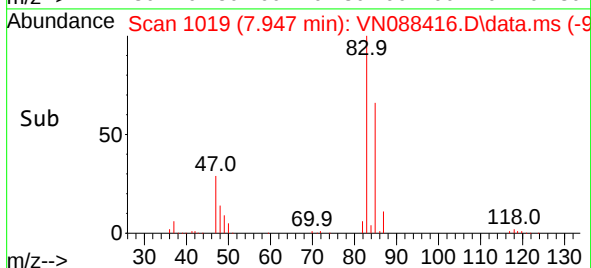
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

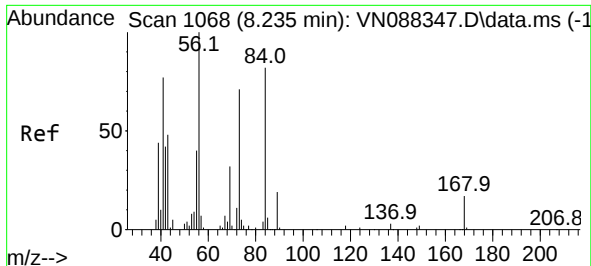


#30
Chloroform
Concen: 52.643 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



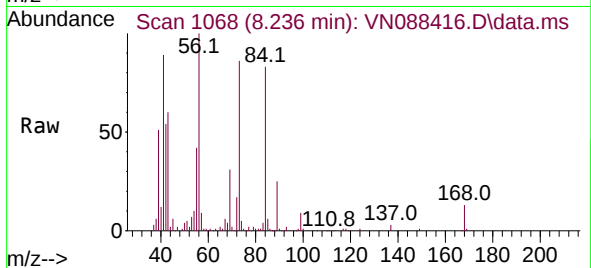
Tgt Ion: 83 Resp: 376472
Ion Ratio Lower Upper
83 100
85 66.7 49.8 74.8





#31
Cyclohexane
Concen: 50.503 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

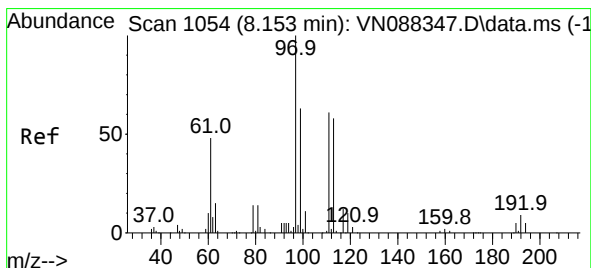
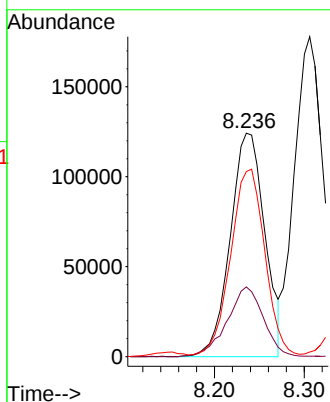
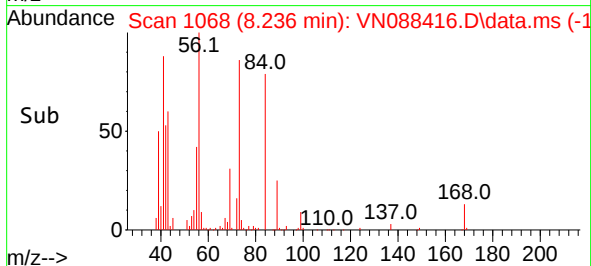
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



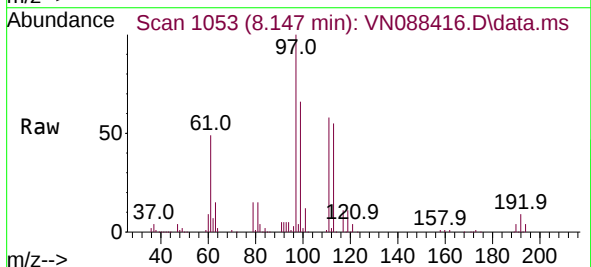
Tgt Ion: 56 Resp: 333083
Ion Ratio Lower Upper
56 100
69 31.2 25.3 37.9
84 81.4 65.4 98.2

Manual Integrations
APPROVED

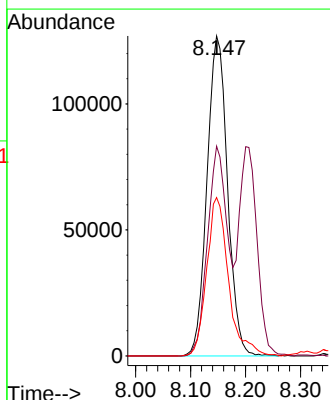
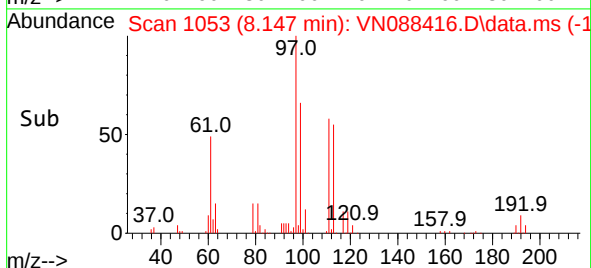
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

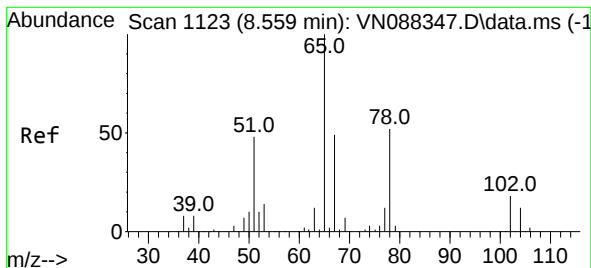


#32
1,1,1-Trichloroethane
Concen: 52.294 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



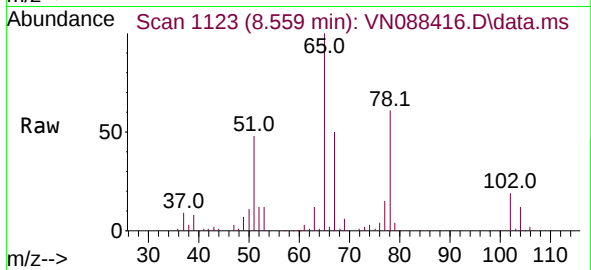
Tgt Ion: 97 Resp: 328819
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 52.7 42.2 63.2





#33
1,2-Dichloroethane-d4
Concen: 52.167 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

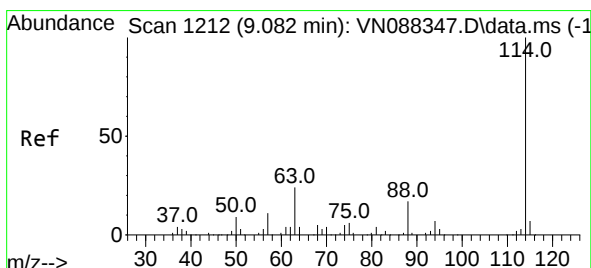
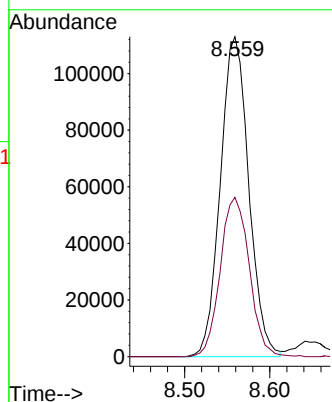
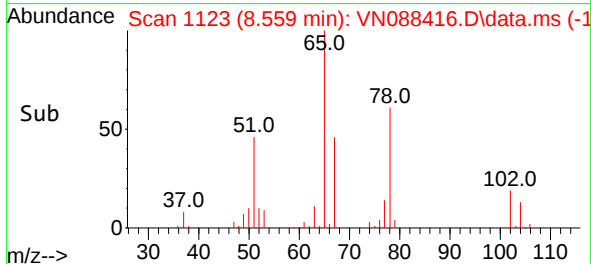
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



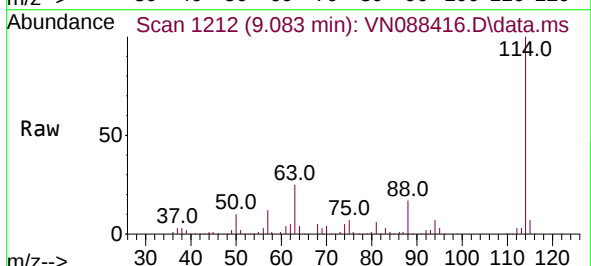
Tgt Ion: 65 Resp: 261610
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

Manual Integrations
APPROVED

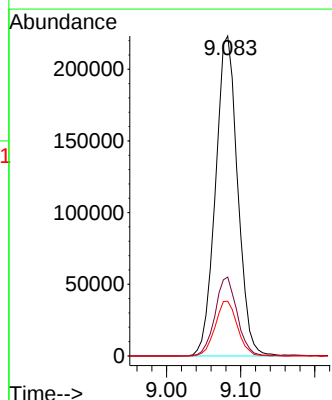
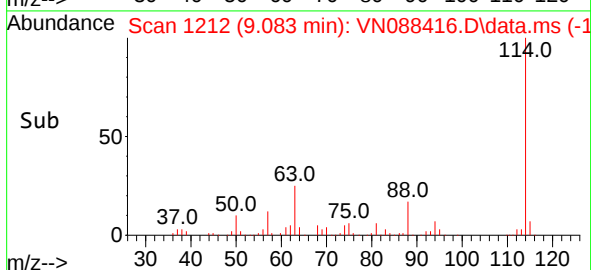
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

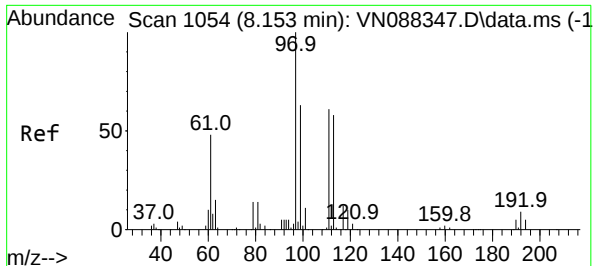


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion:114 Resp: 462230
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.0
88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 54.580 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 17483

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

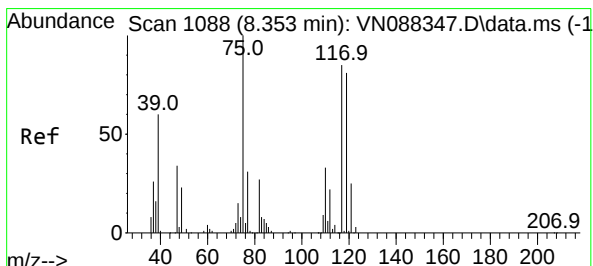
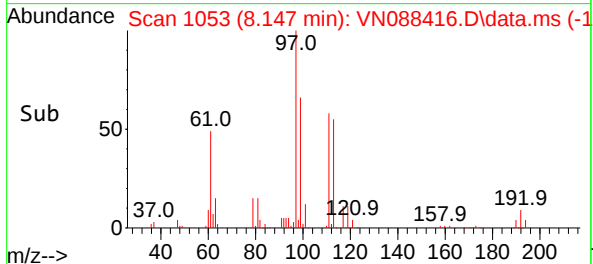
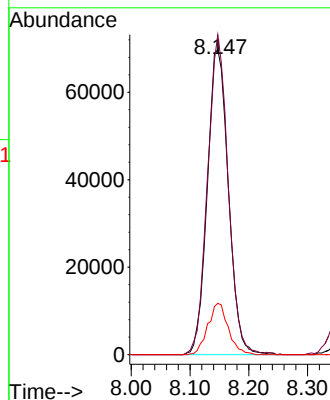
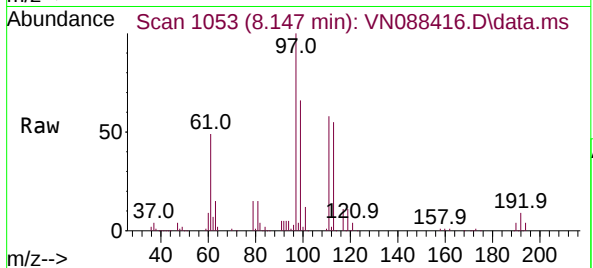
192 16.2 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#36

1,1-Dichloropropene

Concen: 52.904 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

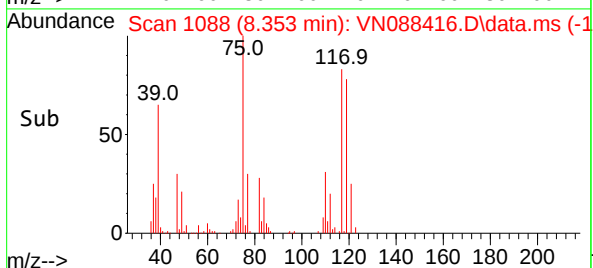
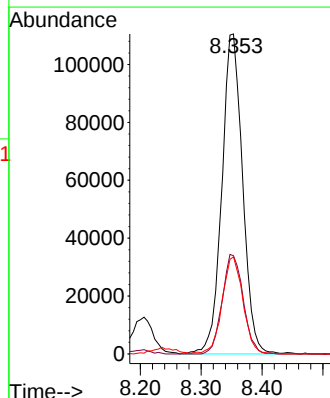
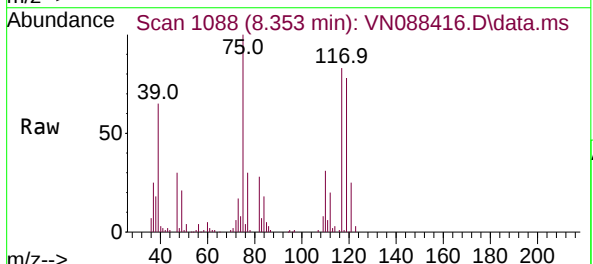
Tgt Ion: 75 Resp: 261538

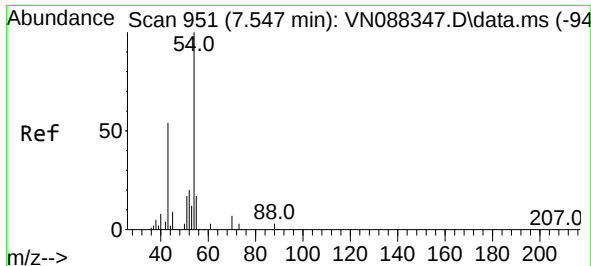
Ion Ratio Lower Upper

75 100

110 31.3 15.8 47.4

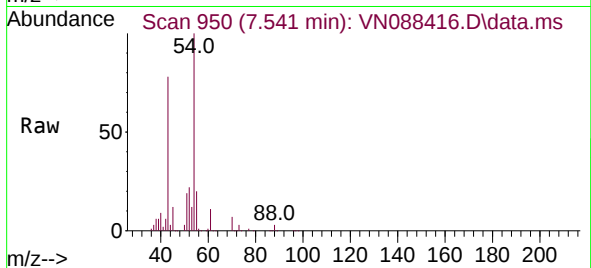
77 30.5 24.2 36.2





#37
Ethyl Acetate
Concen: 50.910 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

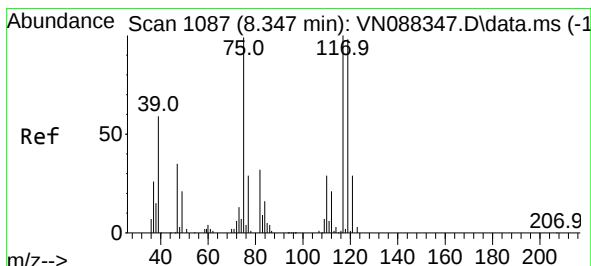
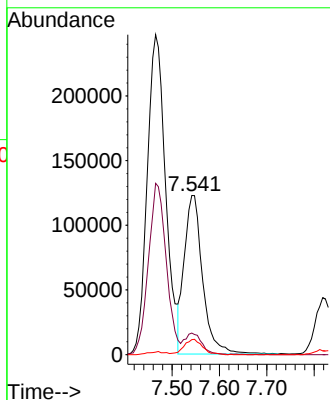
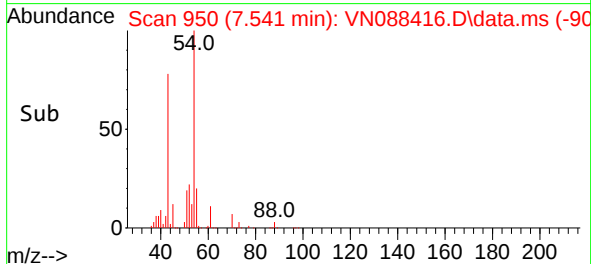
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33092
Ion Ratio Lower Upper
43 100
61 12.6 9.5 14.3
70 9.7 7.1 10.7

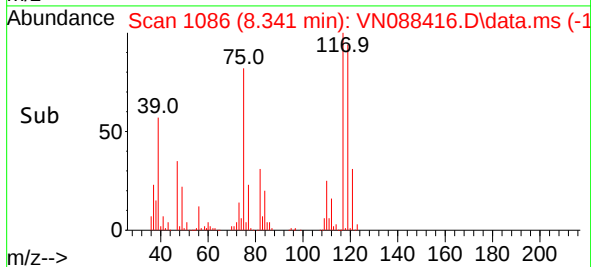
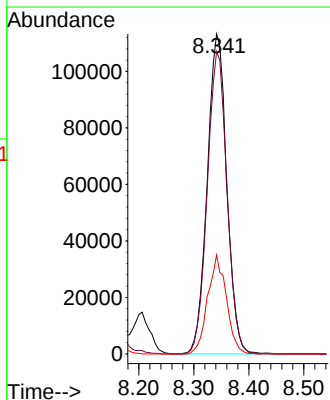
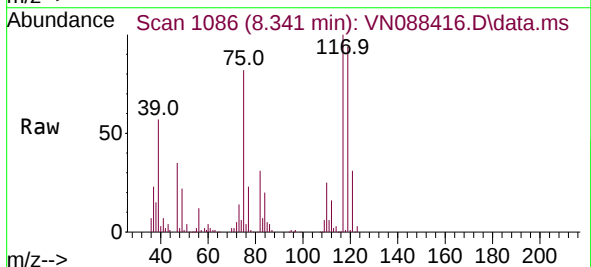
Manual Integrations
APPROVED

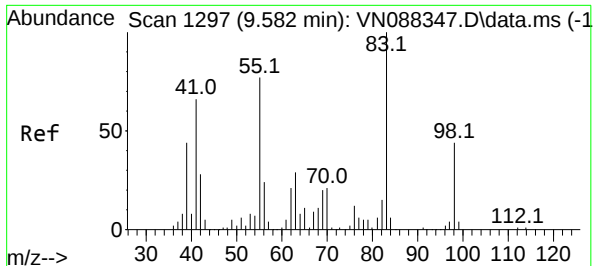
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 56.788 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Tgt Ion:117 Resp: 279470
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.4
121 30.9 23.4 35.2





#39

Methylcyclohexane

Concen: 54.015 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

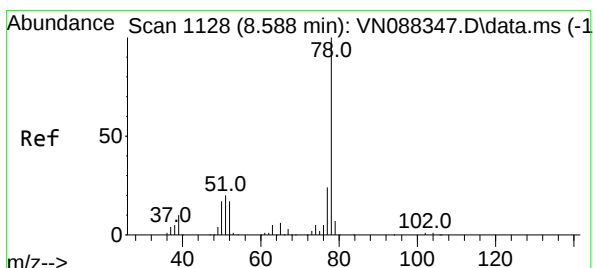
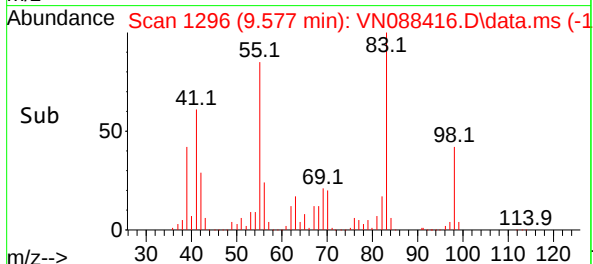
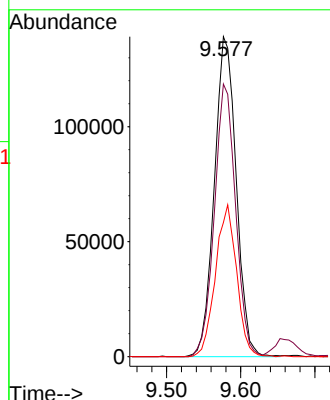
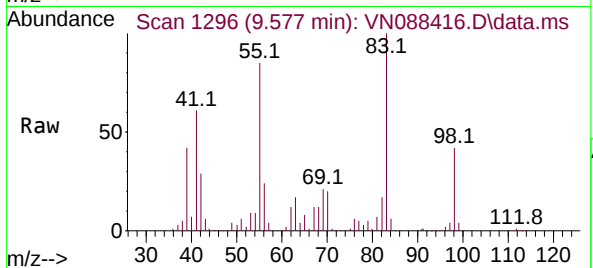
Tgt Ion: 83	Resp: 285626
Ion Ratio	Lower Upper
83	100
55	85.2 61.6 92.4
98	41.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 53.634 ug/l

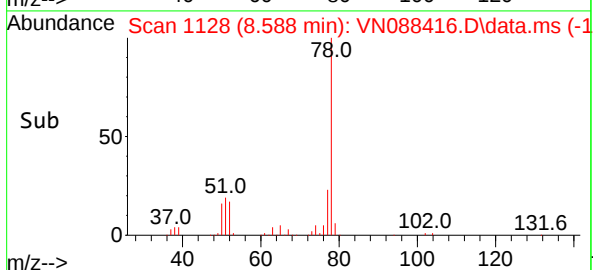
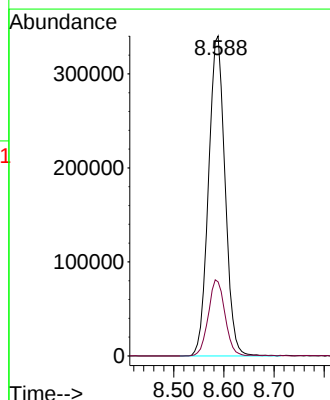
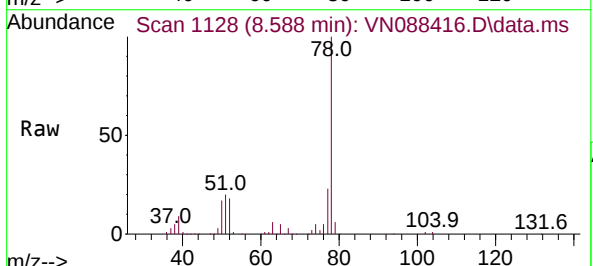
RT: 8.588 min Scan# 1128

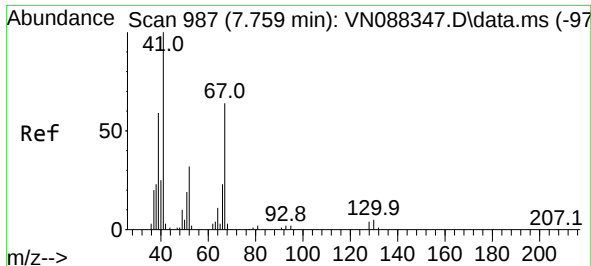
Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

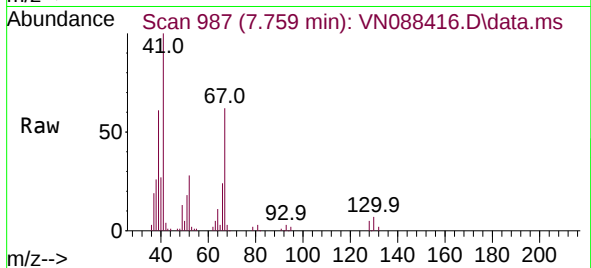
Tgt Ion: 78	Resp: 778207
Ion Ratio	Lower Upper
78	100
77	23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 53.795 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

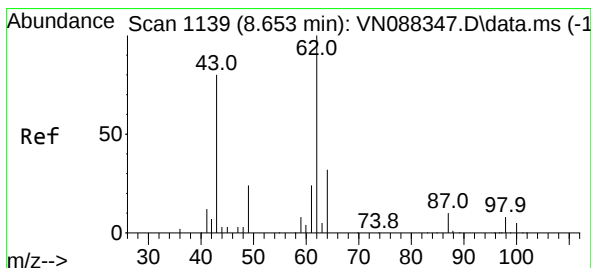
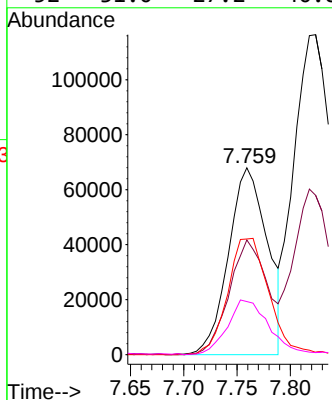
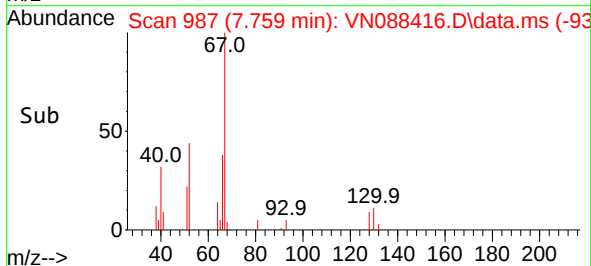
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 173192
Ion Ratio Lower Upper
41 100
39 60.3 46.3 69.5
67 65.7 54.7 82.1
52 31.0 27.2 40.8

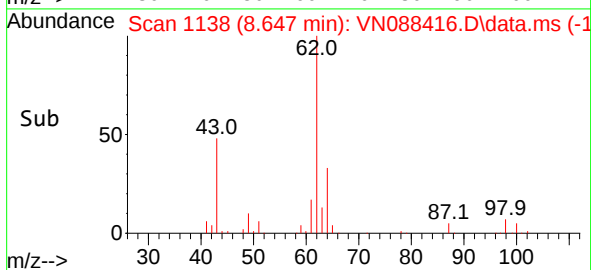
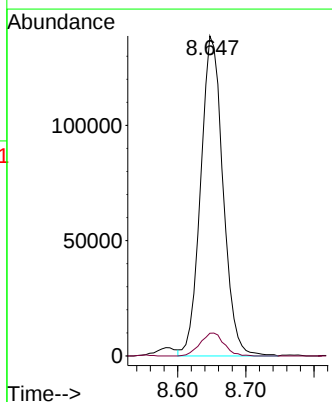
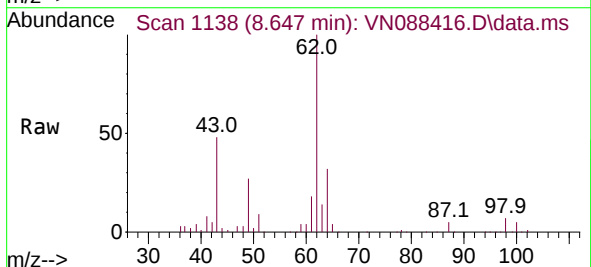
Manual Integrations
APPROVED

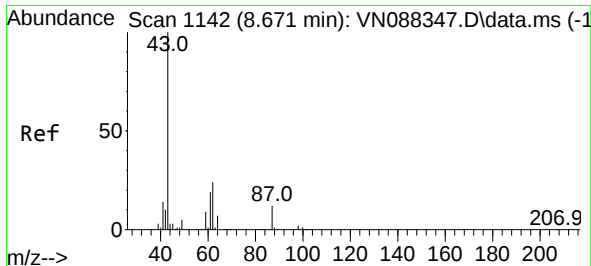
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 57.130 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

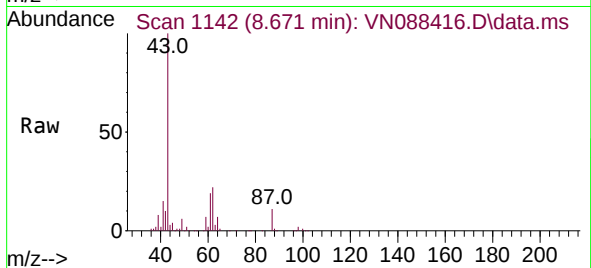
Tgt Ion: 62 Resp: 316259
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43
Isopropyl Acetate
Concen: 52.446 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

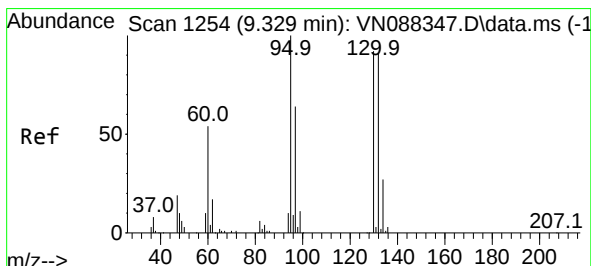
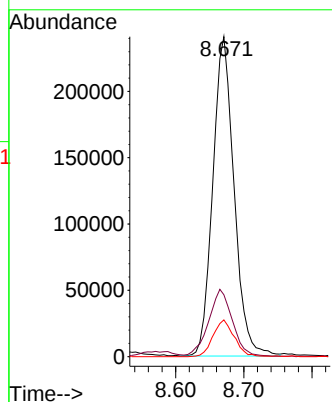
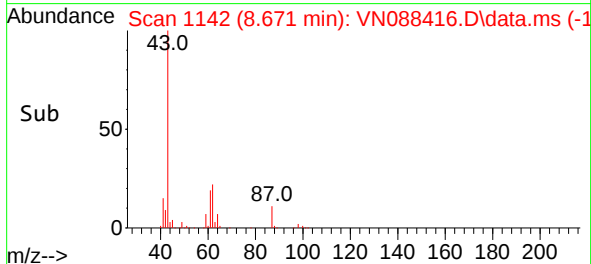
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 520873
Ion Ratio Lower Upper
43 100
61 23.9 18.7 28.1
87 11.4 9.1 13.7

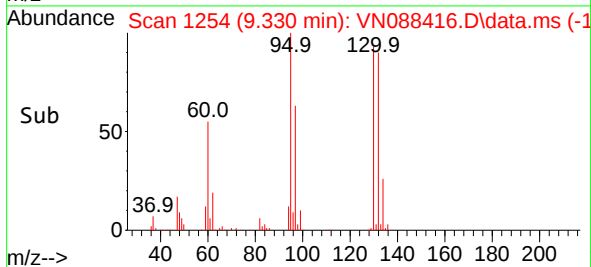
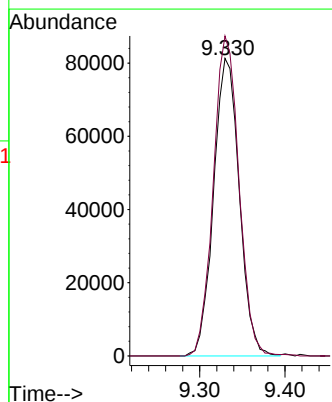
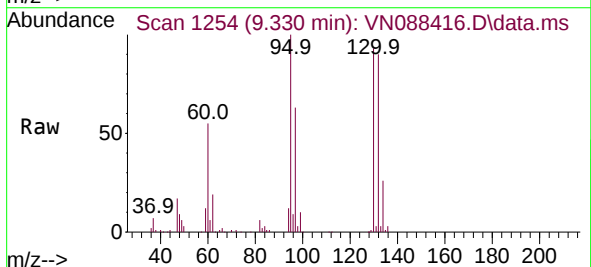
Manual Integrations
APPROVED

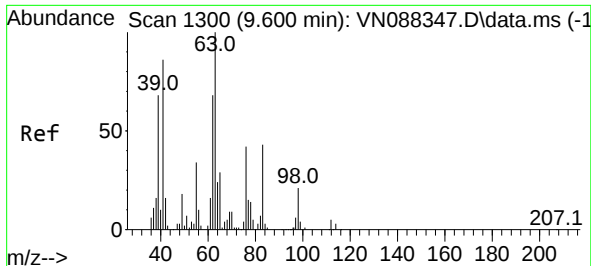
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 49.600 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Tgt Ion:130 Resp: 170049
Ion Ratio Lower Upper
130 100
95 107.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 54.396 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 202215

Ion Ratio Lower Upper

63 100

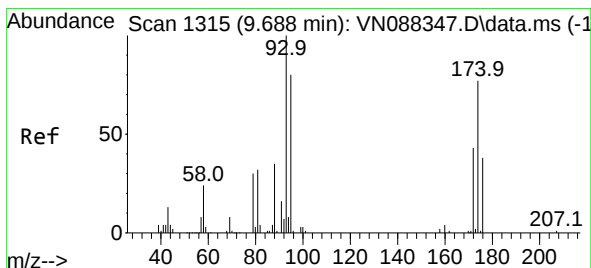
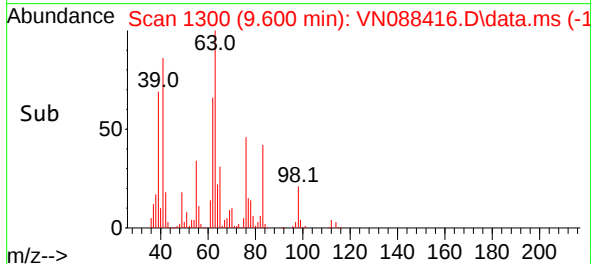
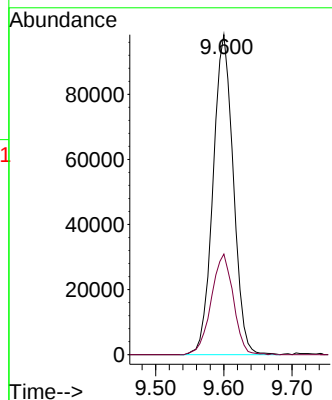
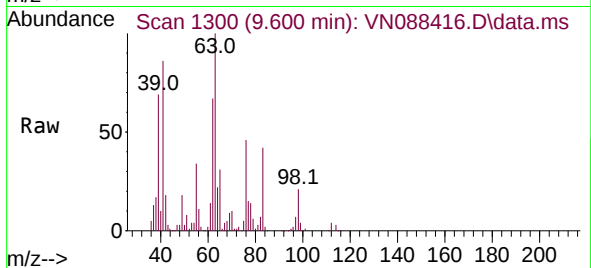
65 31.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 54.610 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

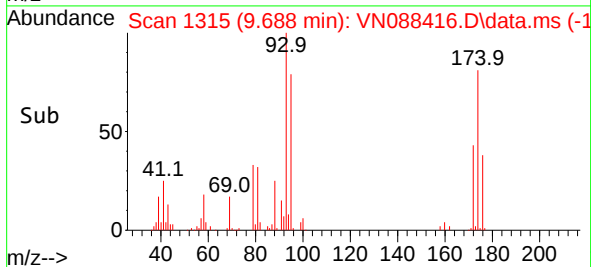
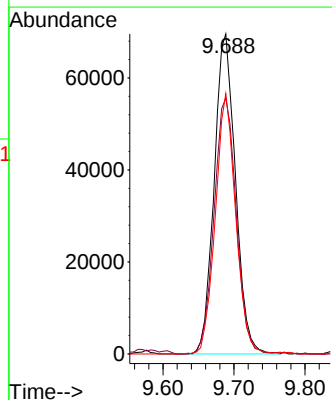
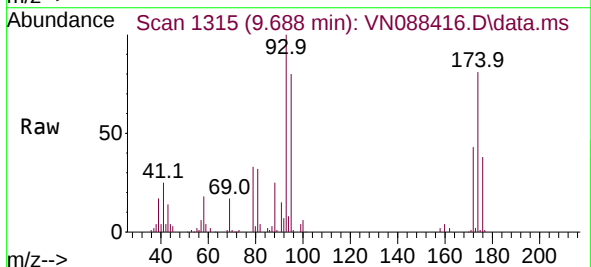
Tgt Ion: 93 Resp: 144881

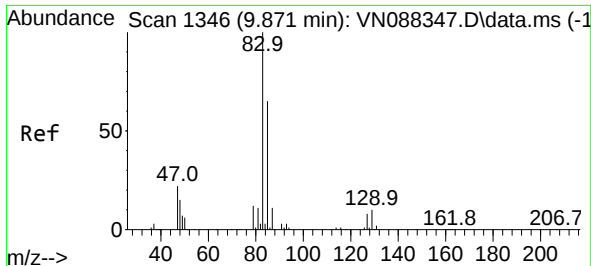
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 78.0 64.3 96.5





#47

Bromodichloromethane

Concen: 54.776 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

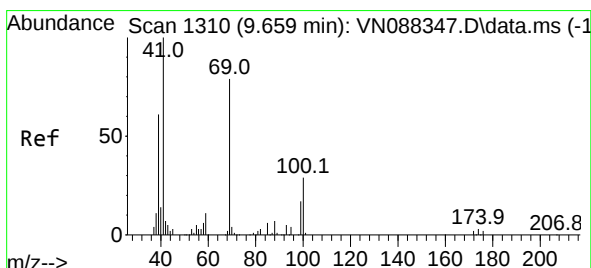
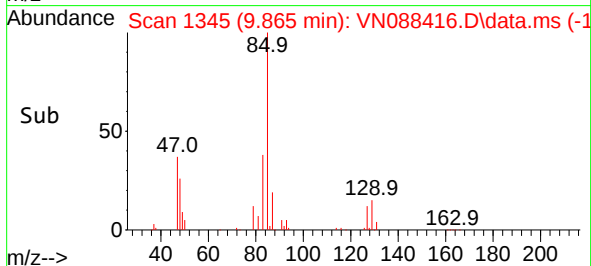
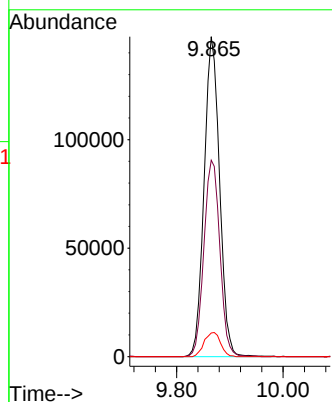
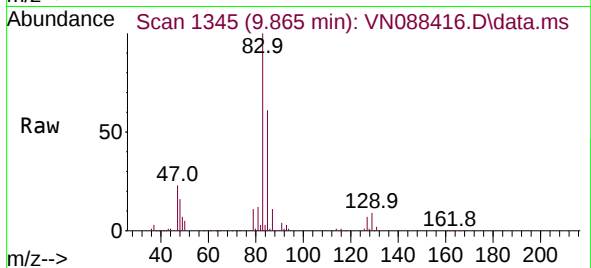
Tgt Ion:	83	Resp:	296516
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.9	77.9
127	7.4	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 55.636 ug/l

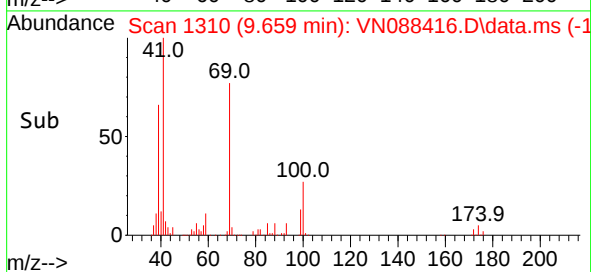
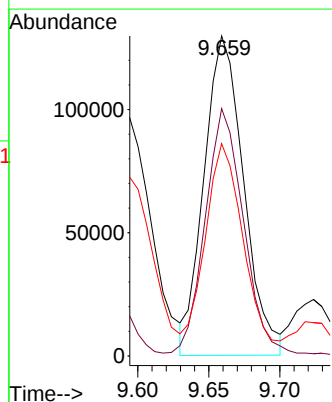
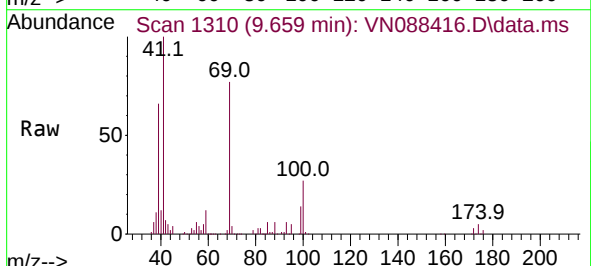
RT: 9.659 min Scan# 1310

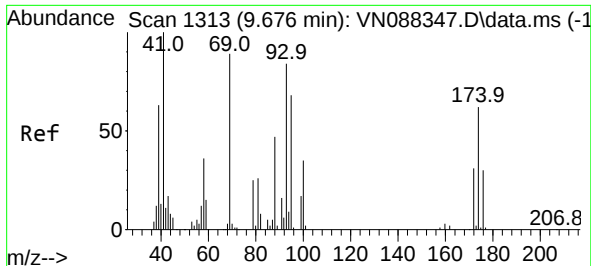
Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

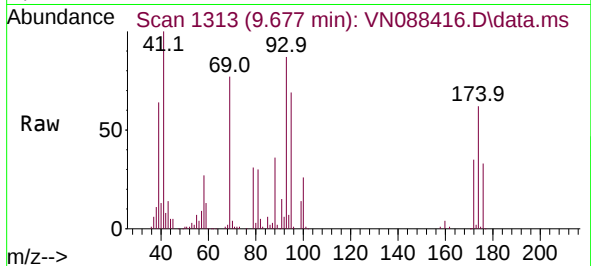
Tgt Ion:	41	Resp:	252113
Ion	Ratio	Lower	Upper
41	100		
69	75.3	62.4	93.6
39	64.9	52.6	79.0





#49
1,4-Dioxane
Concen: 862.439 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

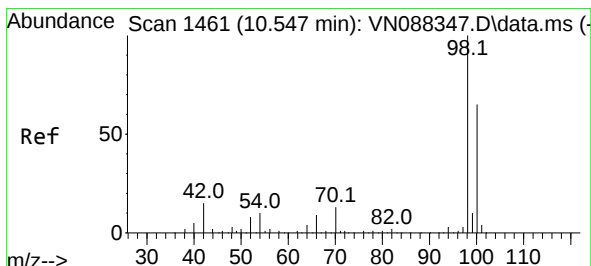
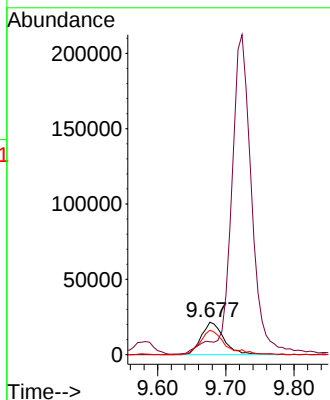
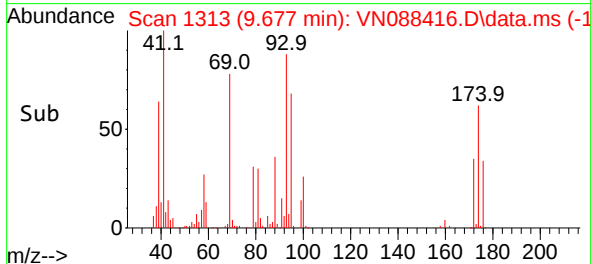
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



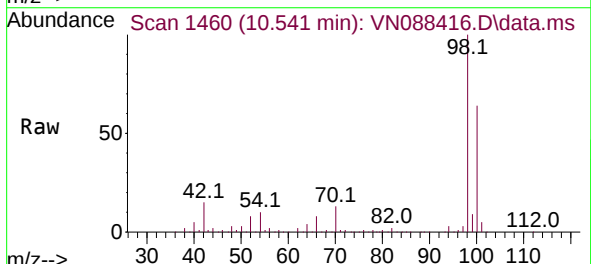
Tgt Ion: 88 Resp: 49701
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 82.4 62.0 93.0

Manual Integrations
APPROVED

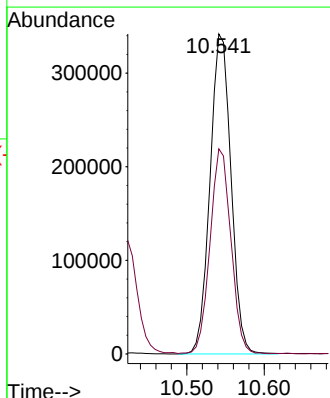
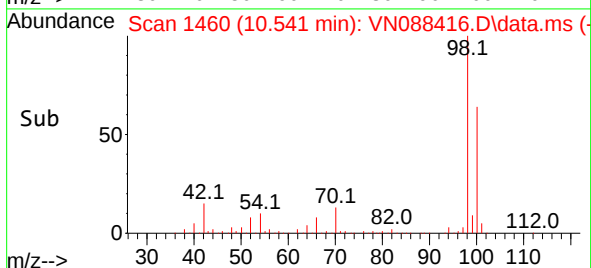
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

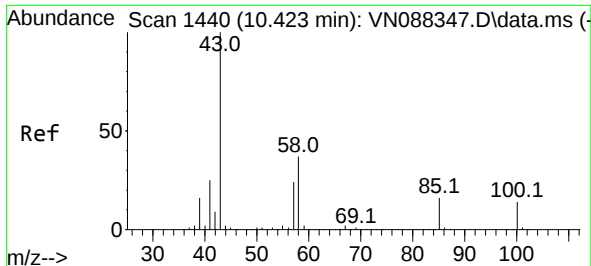


#50
Toluene-d8
Concen: 53.910 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



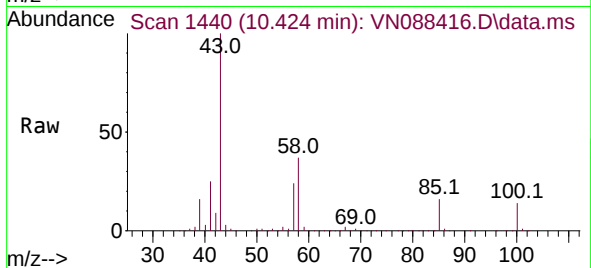
Tgt Ion: 98 Resp: 642527
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 279.666 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

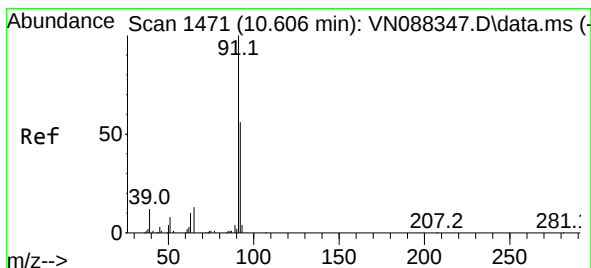
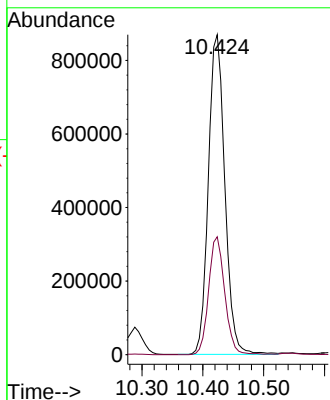
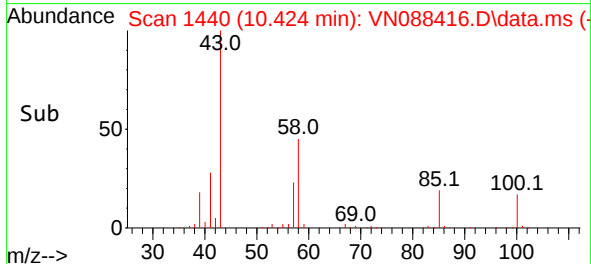
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



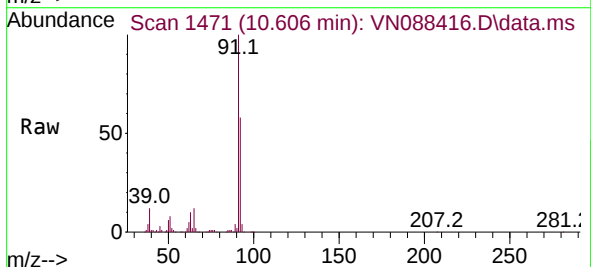
Tgt Ion: 43 Resp: 163716
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7

Manual Integrations
APPROVED

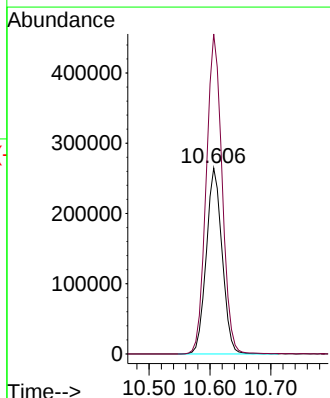
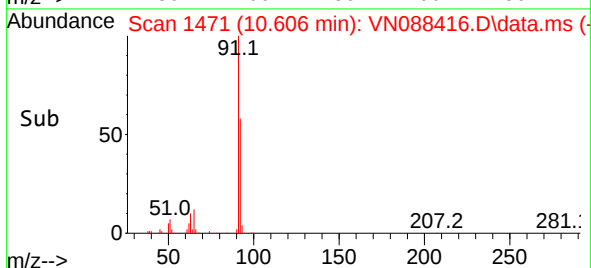
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

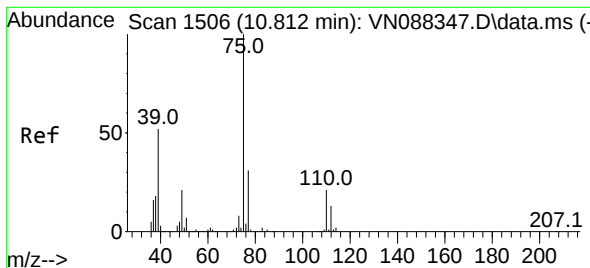


#52
Toluene
Concen: 56.846 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



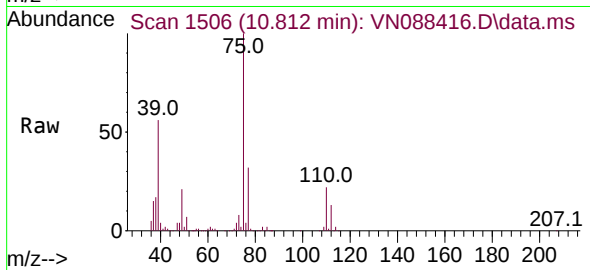
Tgt Ion: 92 Resp: 476264
Ion Ratio Lower Upper
92 100
91 173.0 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 54.354 ug/l
RT: 10.812 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

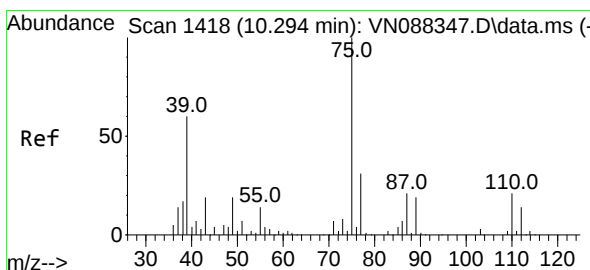
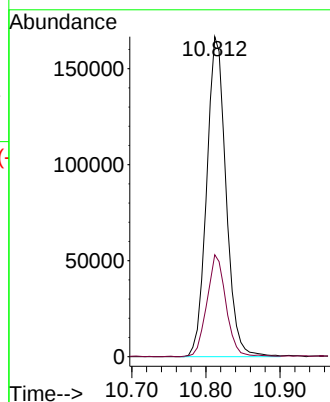
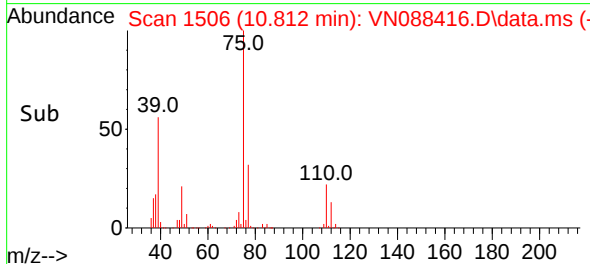
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



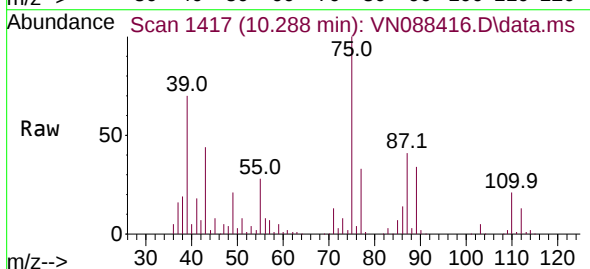
Tgt Ion: 75 Resp: 302012
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2

Manual Integrations
APPROVED

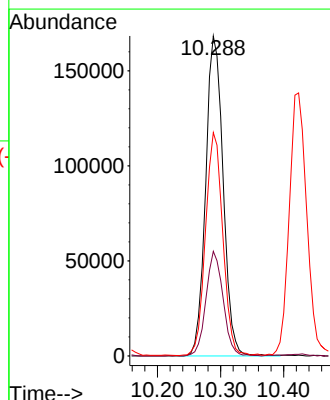
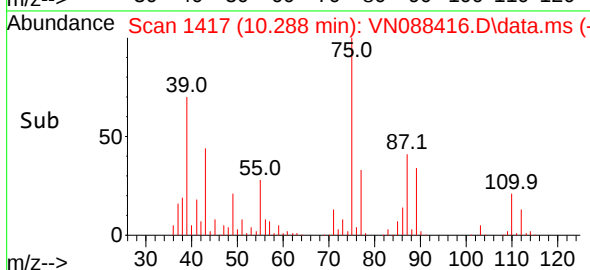
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

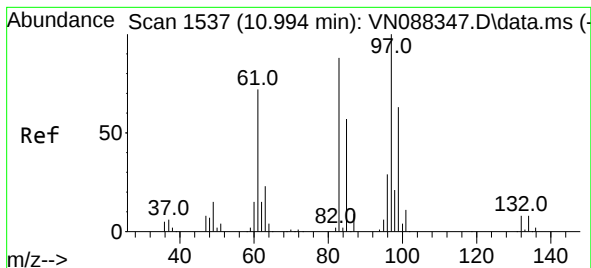


#54
cis-1,3-Dichloropropene
Concen: 55.204 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



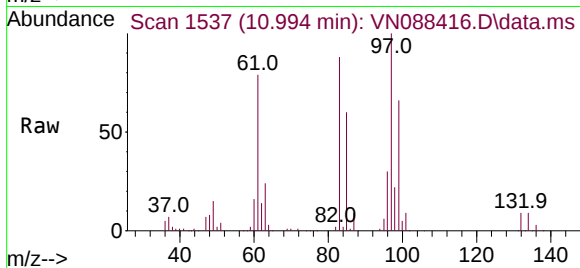
Tgt Ion: 75 Resp: 322568
Ion Ratio Lower Upper
75 100
77 32.7 24.5 36.7
39 69.6 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 54.637 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

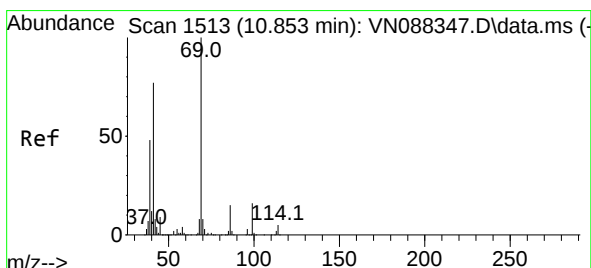
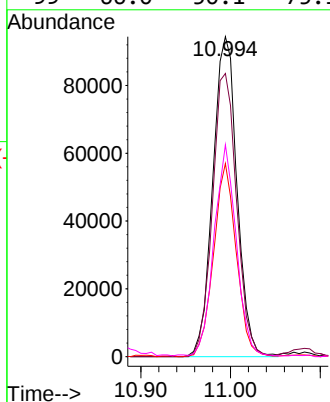
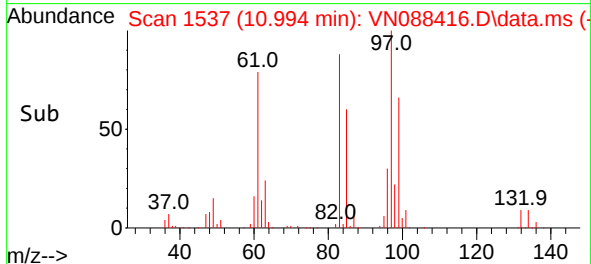
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



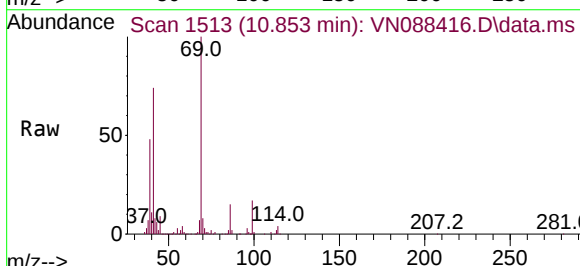
Tgt Ion: 97 Resp: 177106
Ion Ratio Lower Upper
97 100
83 88.5 70.4 105.6
85 60.3 45.4 68.2
99 66.0 50.1 75.1

Manual Integrations
APPROVED

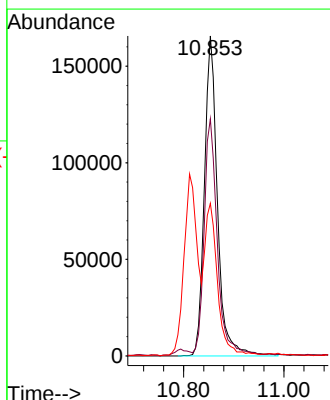
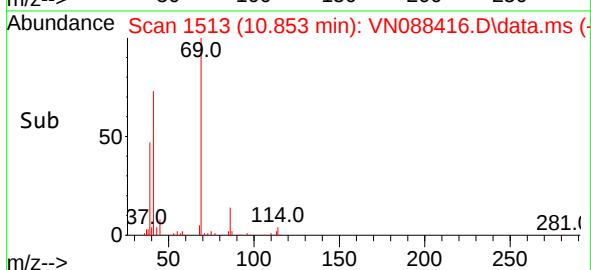
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

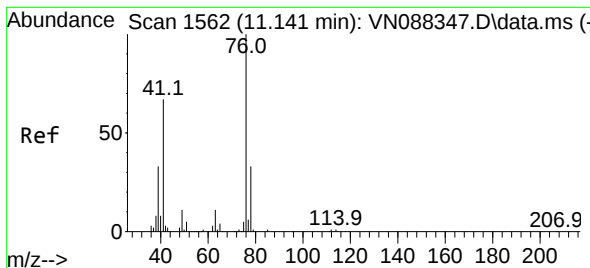


#56
Ethyl methacrylate
Concen: 58.558 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 69 Resp: 299832
Ion Ratio Lower Upper
69 100
41 73.9 59.6 89.4
39 46.6 36.4 54.6





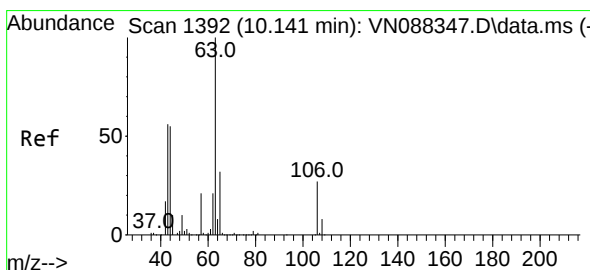
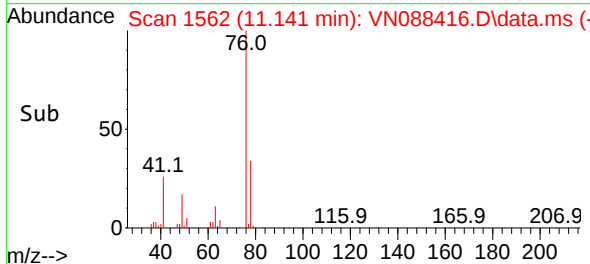
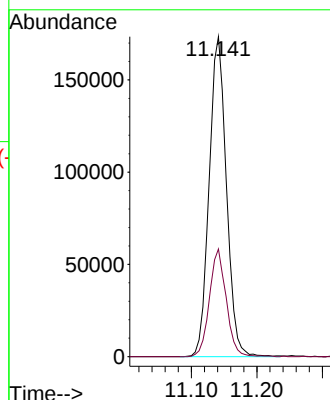
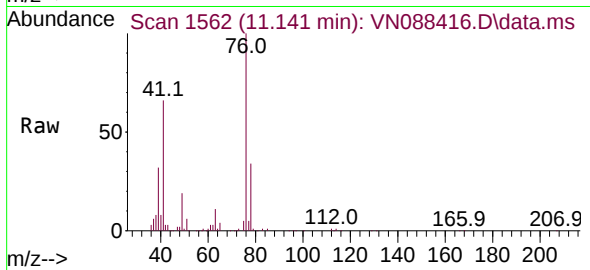
#57
1,3-Dichloropropane
Concen: 54.234 ug/l
RT: 11.141 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 317144
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

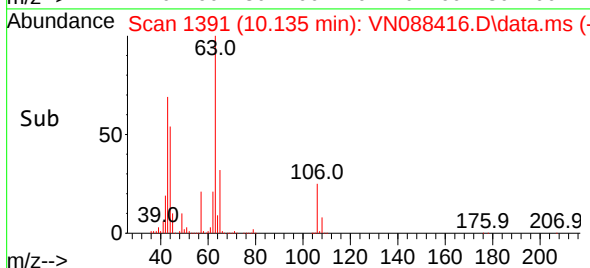
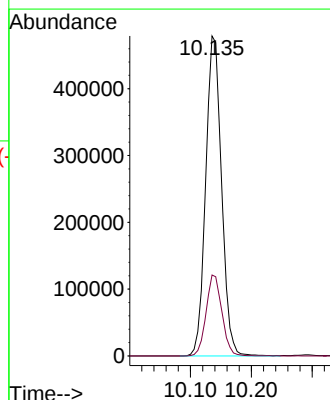
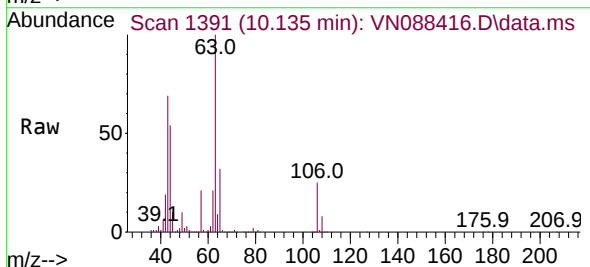
Manual Integrations
APPROVED

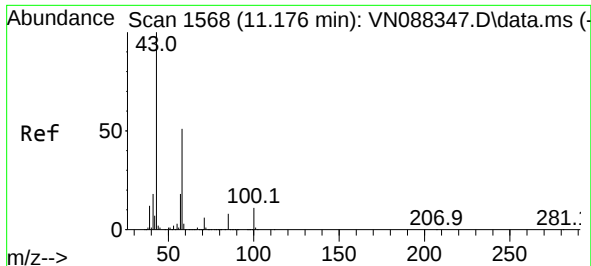
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 293.116 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

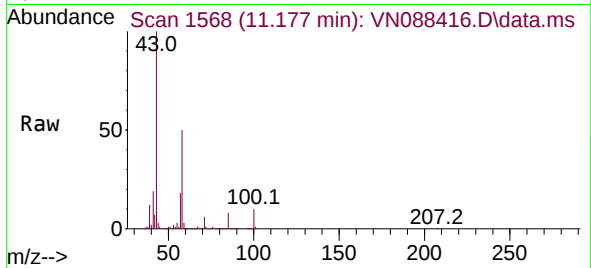
Tgt Ion: 63 Resp: 865254
Ion Ratio Lower Upper
63 100
106 25.1 20.5 30.7





#59
2-Hexanone
Concen: 276.431 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

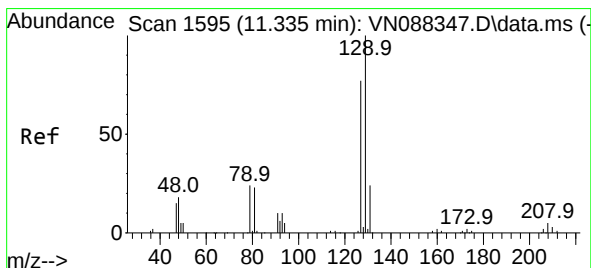
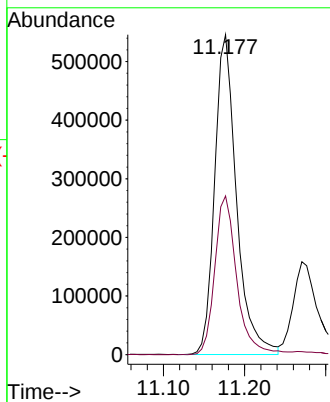
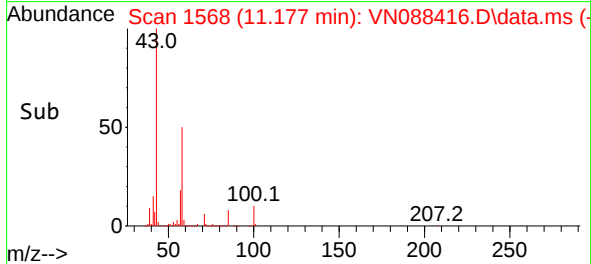
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1019410
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.9

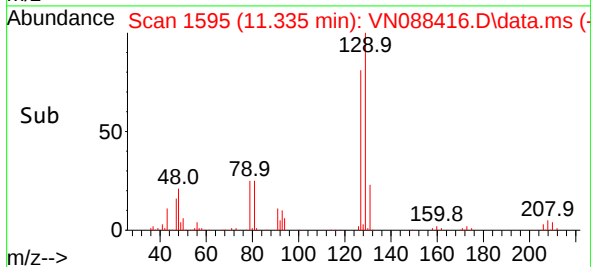
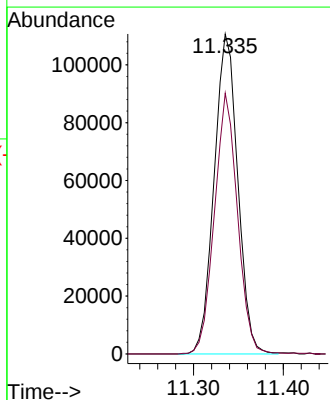
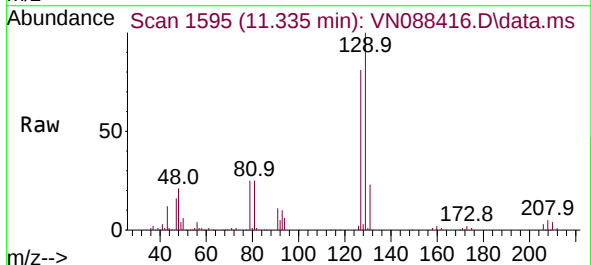
Manual Integrations
APPROVED

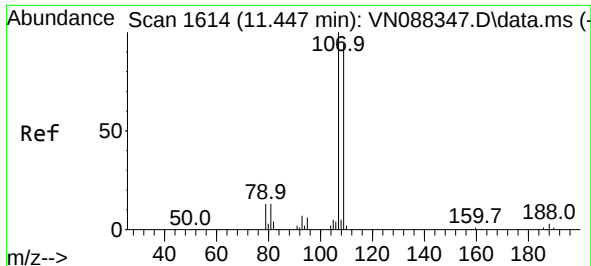
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 55.011 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

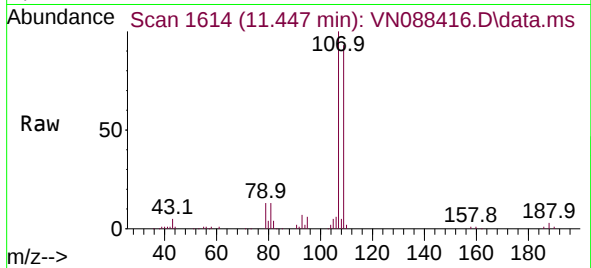
Tgt Ion:129 Resp: 203281
Ion Ratio Lower Upper
129 100
127 79.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 53.887 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

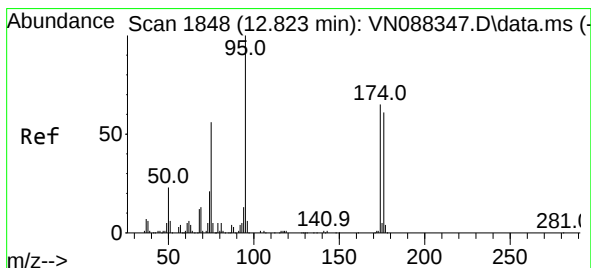
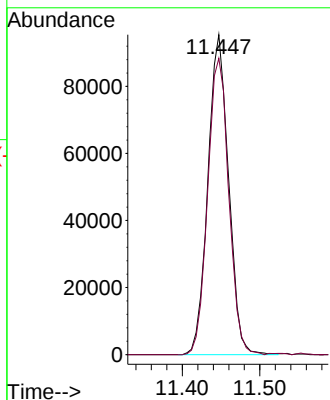
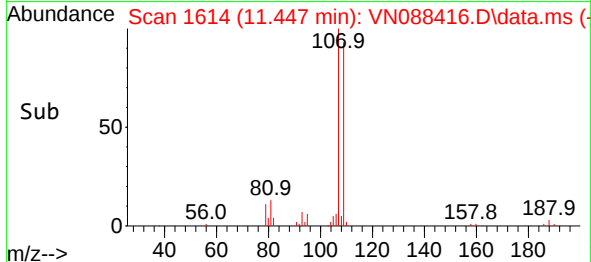
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



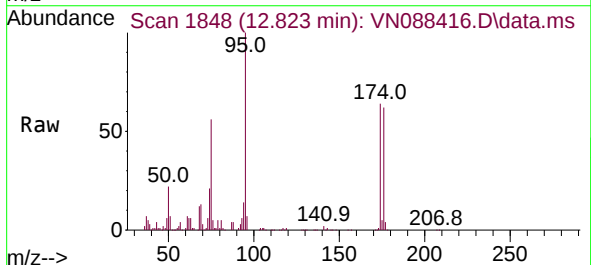
Tgt Ion:107 Resp: 17688
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

Manual Integrations
APPROVED

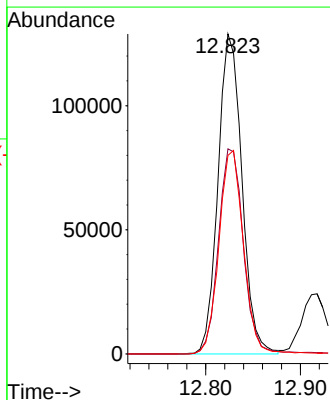
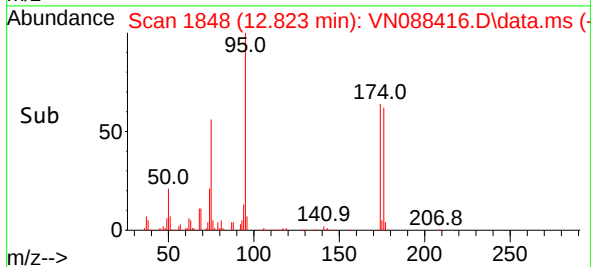
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

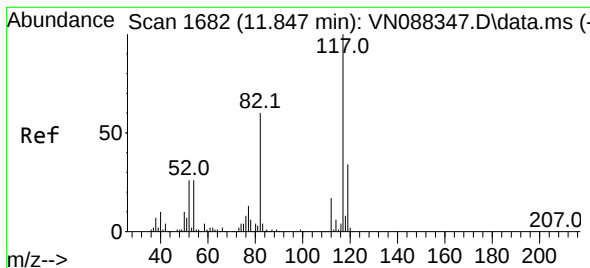


#62
4-Bromofluorobenzene
Concen: 55.264 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



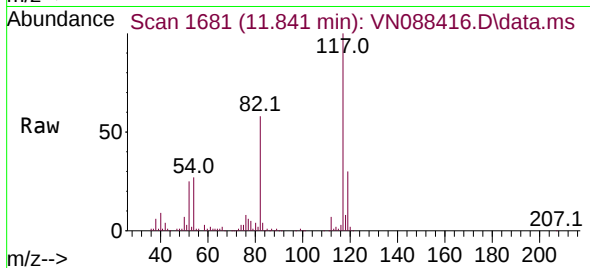
Tgt Ion: 95 Resp: 225998
Ion Ratio Lower Upper
95 100
174 67.2 0.0 139.0
176 65.5 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

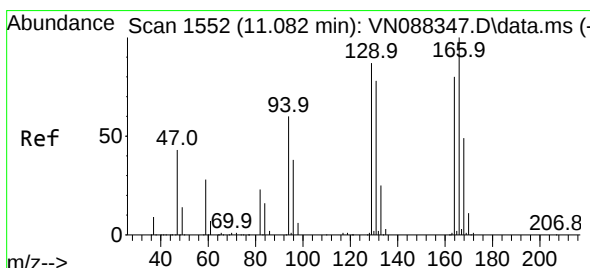
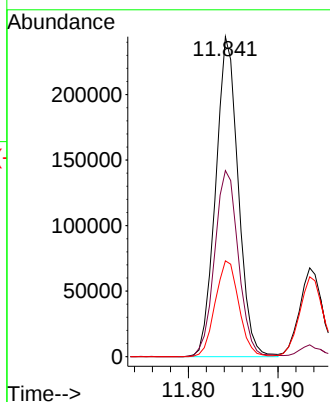
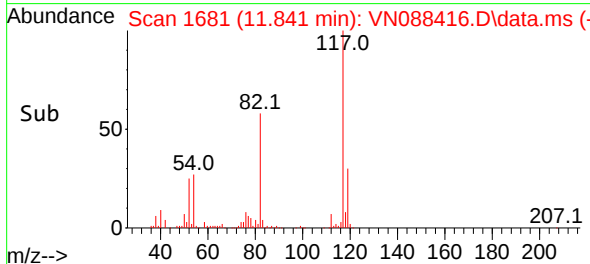
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 427792
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.8
119 29.9 26.9 40.3

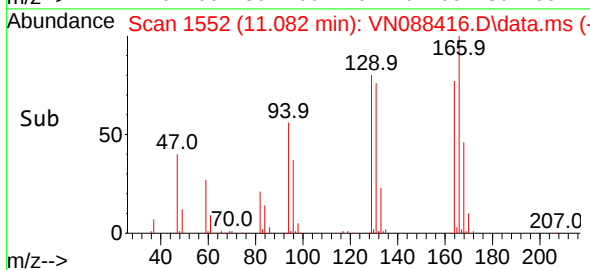
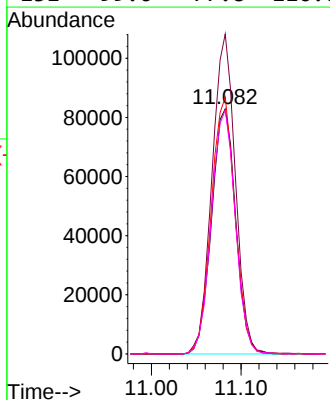
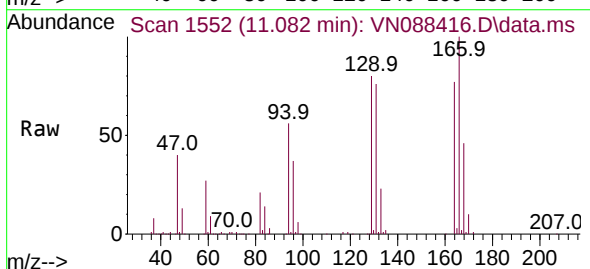
Manual Integrations
APPROVED

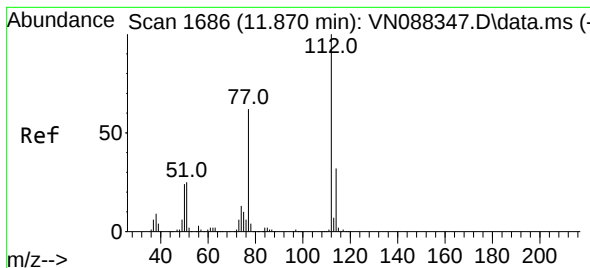
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 45.729 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Tgt Ion:164 Resp: 155084
Ion Ratio Lower Upper
164 100
166 130.7 99.6 149.4
129 104.9 86.6 129.8
131 99.6 77.8 116.6





#65

Chlorobenzene

Concen: 51.080 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 49082

Ion Ratio Lower Upper

112 100

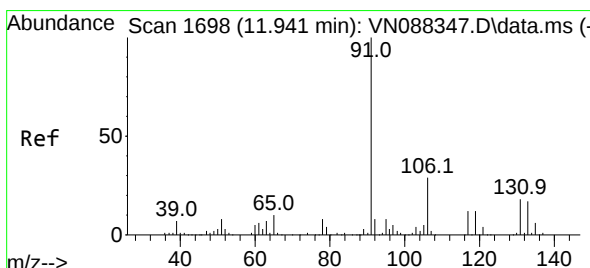
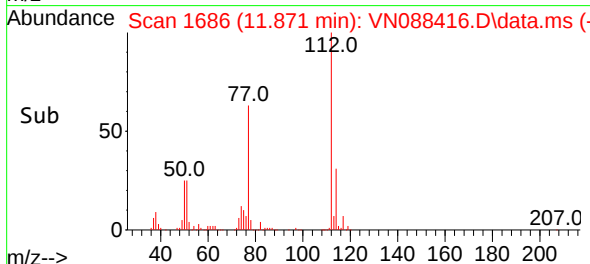
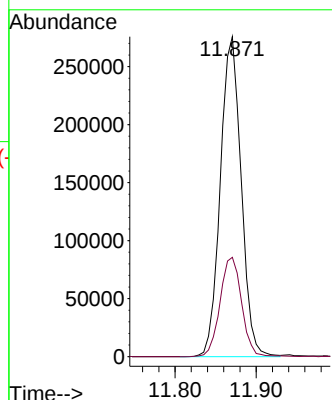
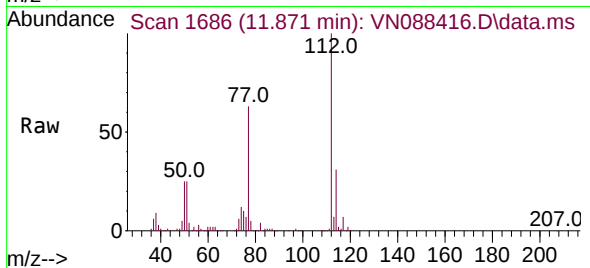
114 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 52.393 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

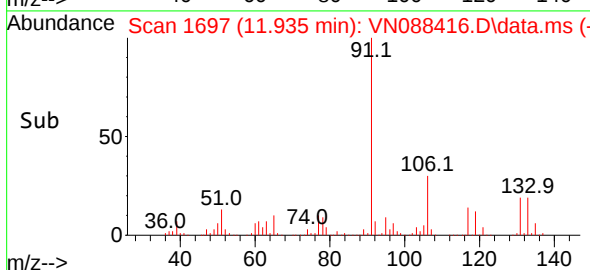
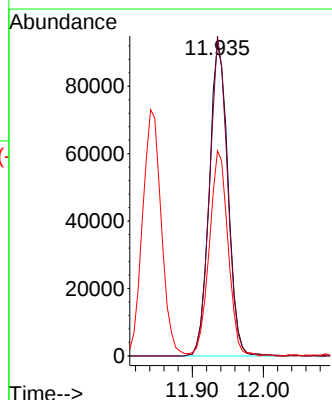
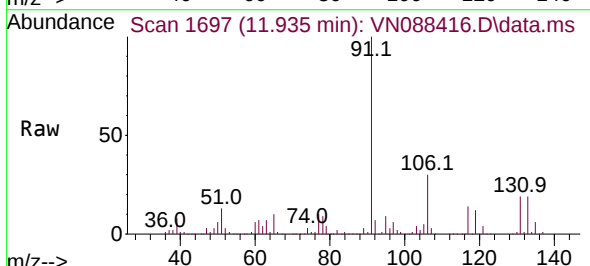
Tgt Ion:131 Resp: 169798

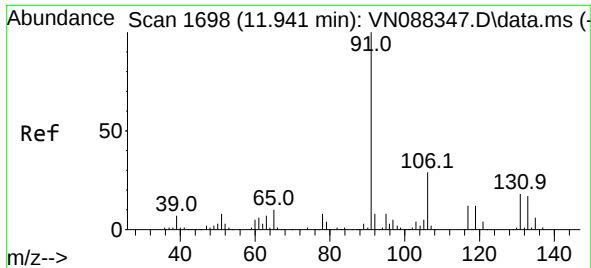
Ion Ratio Lower Upper

131 100

133 98.0 47.4 142.2

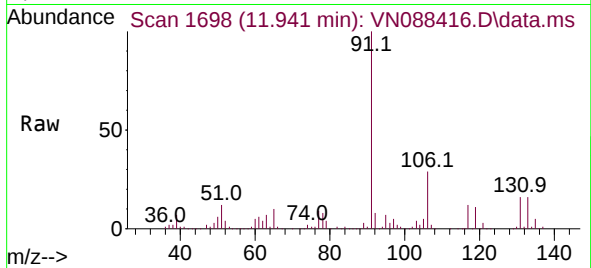
119 65.6 33.4 100.1





#67
Ethyl Benzene
Concen: 53.378 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

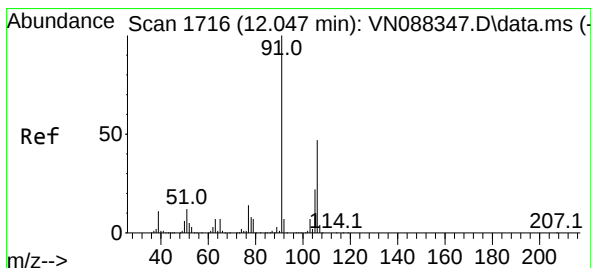
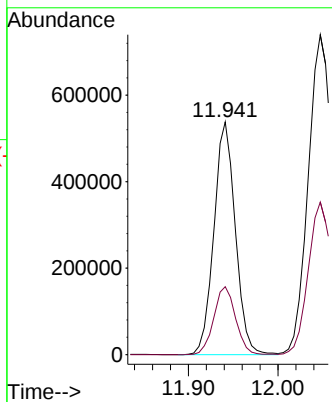
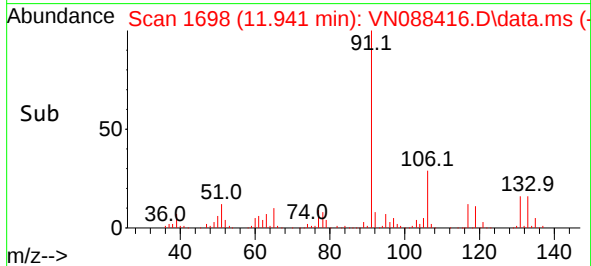
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



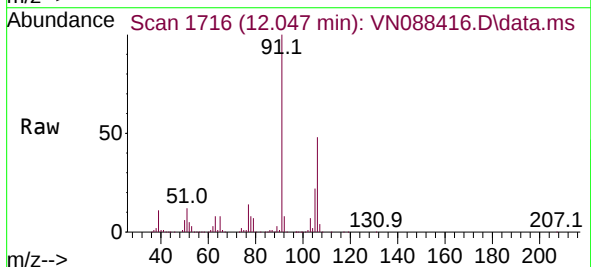
Tgt Ion: 91 Resp: 896452
Ion Ratio Lower Upper
91 100
106 29.2 23.6 35.4

Manual Integrations
APPROVED

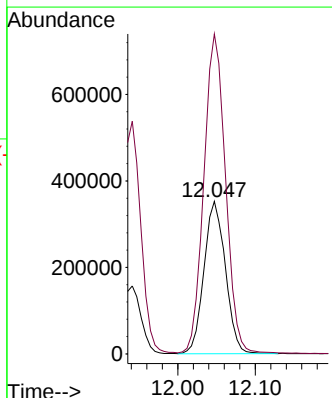
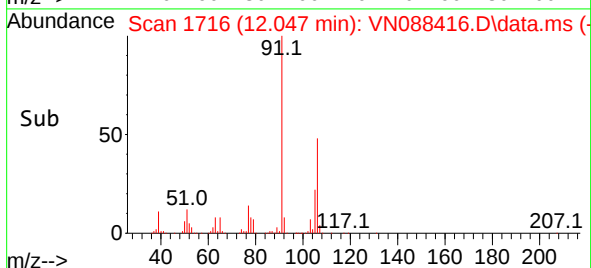
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

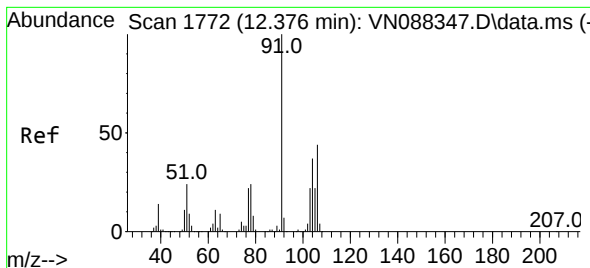


#68
m/p-Xylenes
Concen: 108.770 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



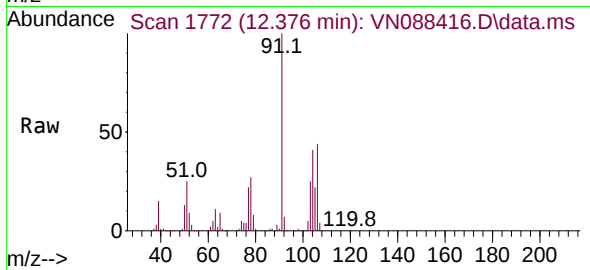
Tgt Ion:106 Resp: 677300
Ion Ratio Lower Upper
106 100
91 213.2 167.8 251.6





#69
o-Xylene
Concen: 52.861 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

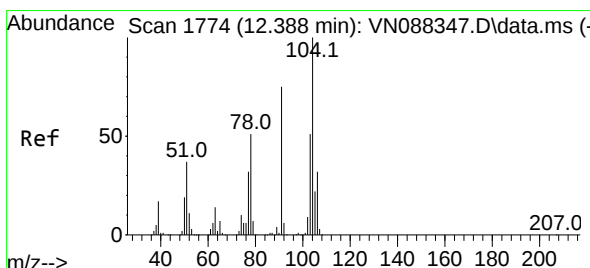
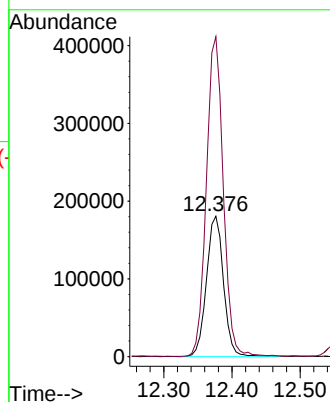
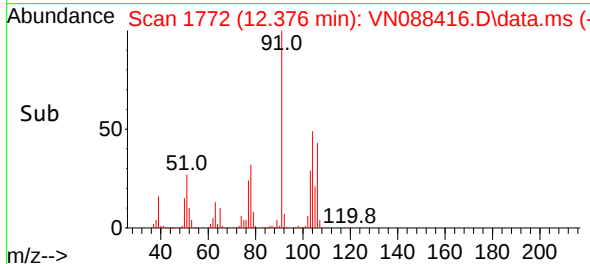
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



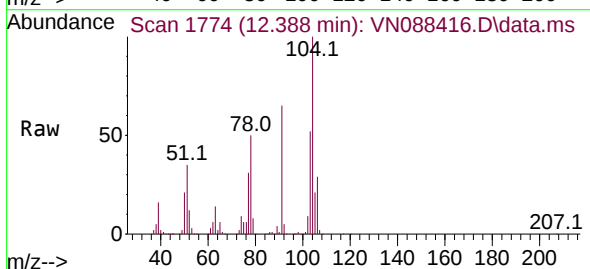
Tgt Ion:106 Resp: 313812
Ion Ratio Lower Upper
106 100
91 225.4 112.9 338.7

Manual Integrations
APPROVED

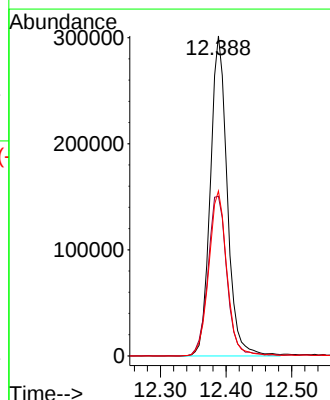
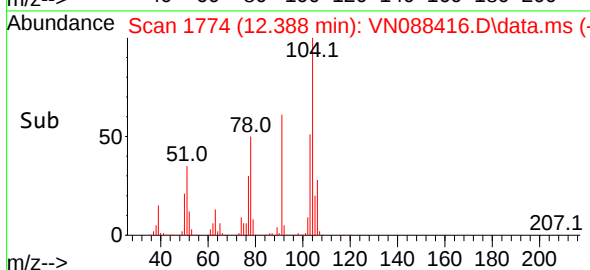
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

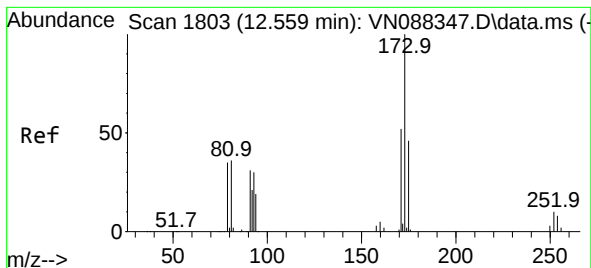


#70
Styrene
Concen: 56.212 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion:104 Resp: 541836
Ion Ratio Lower Upper
104 100
78 55.8 44.3 66.5
103 54.6 44.2 66.4





#71

Bromoform

Concen: 53.544 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

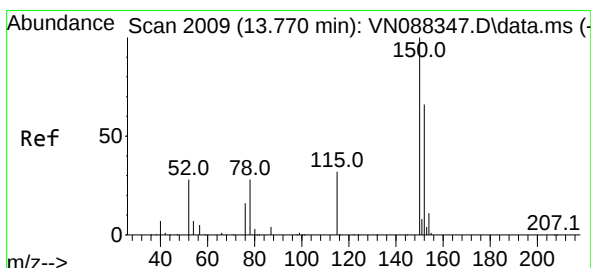
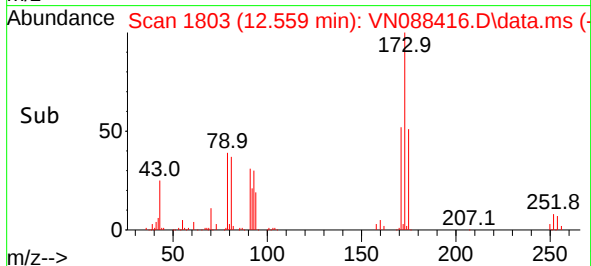
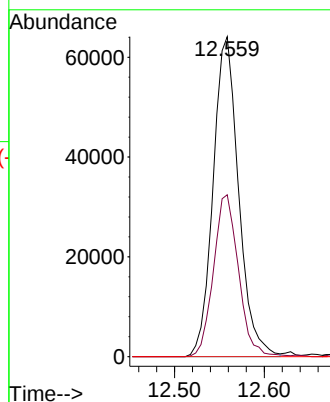
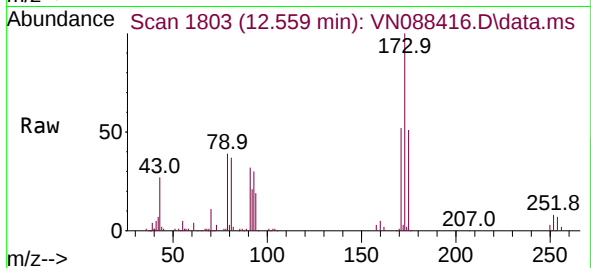
Tgt Ion:173 Resp: 127101
 Ion Ratio Lower Upper
 173 100
 175 49.6 23.9 71.8
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

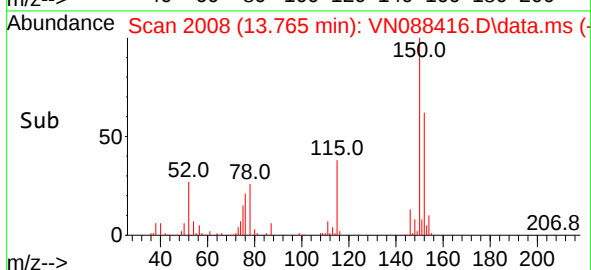
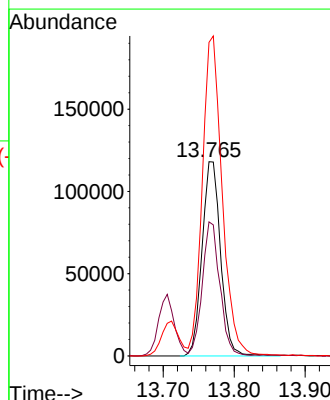
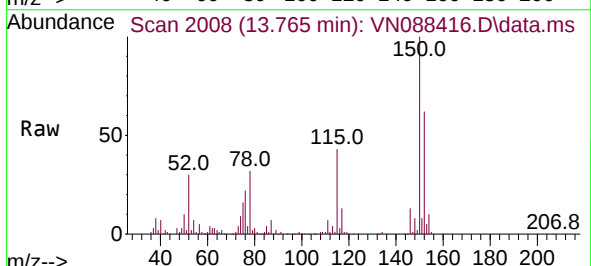
RT: 13.765 min Scan# 2008

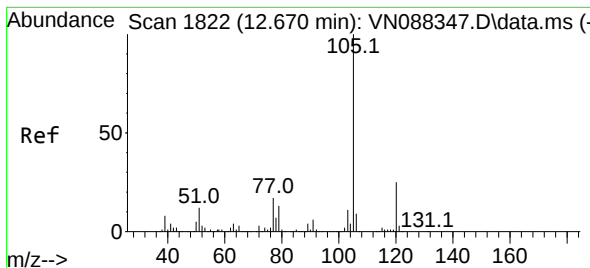
Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion:152 Resp: 213345
 Ion Ratio Lower Upper
 152 100
 115 64.4 33.0 98.9
 150 175.6 0.0 349.0





#73

Isopropylbenzene

Concen: 53.381 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 842054

Ion Ratio Lower Upper

105 100

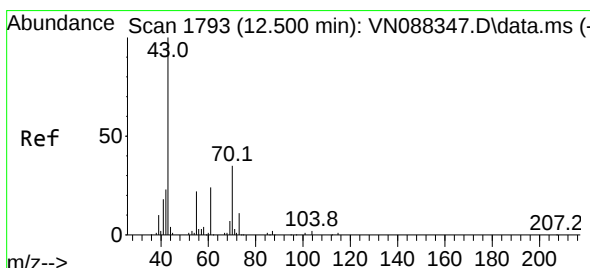
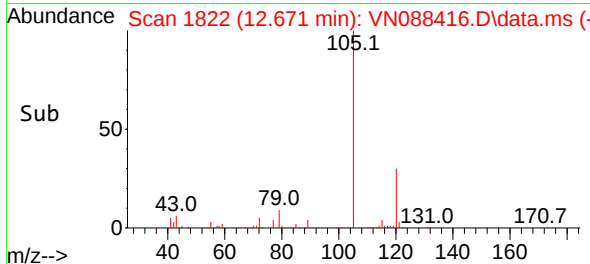
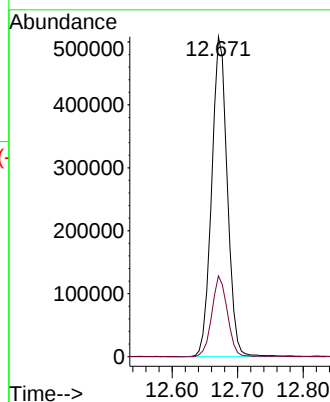
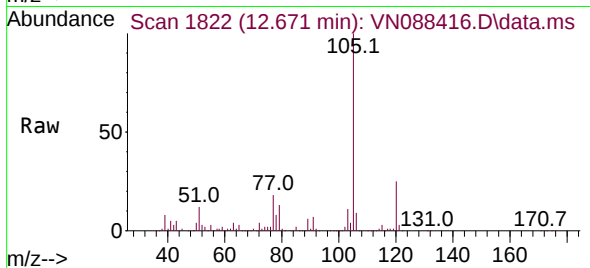
120 25.0 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 39.131 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion: 43 Resp: 210218

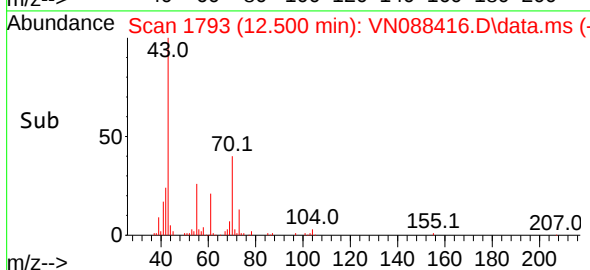
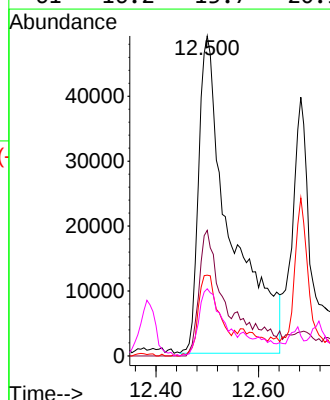
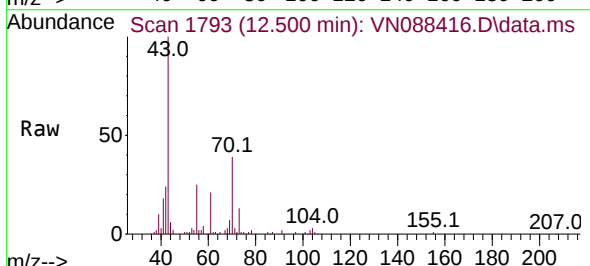
Ion Ratio Lower Upper

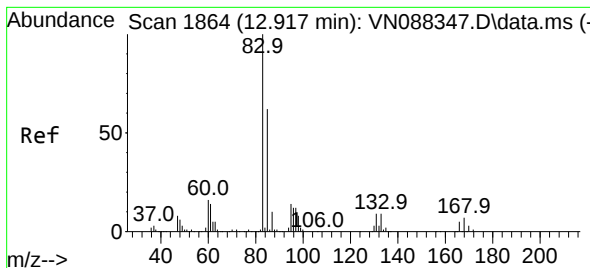
43 100

70 25.5 28.3 42.5#

55 16.9 17.7 26.5#

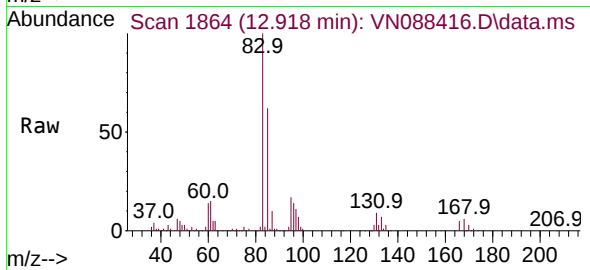
61 16.2 13.7 20.5





#75
1,1,2,2-Tetrachloroethane
Concen: 50.320 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

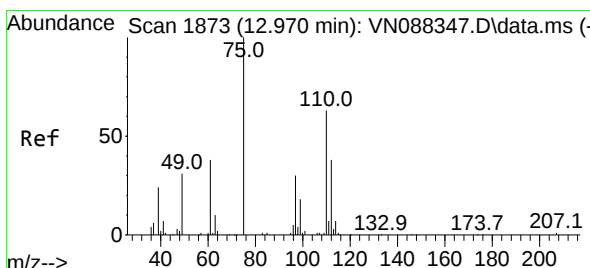
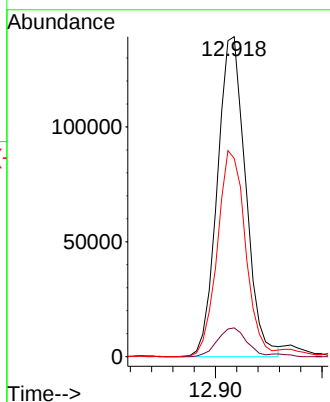
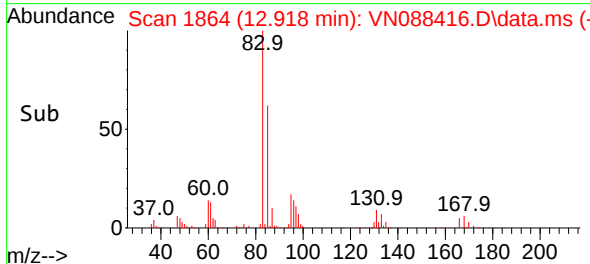
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



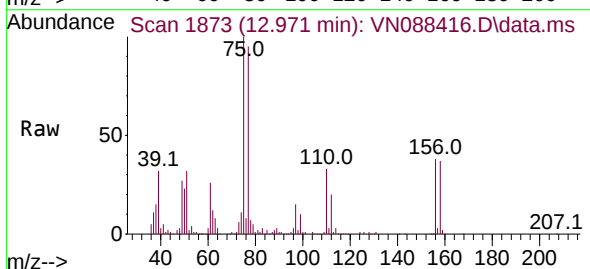
Tgt Ion: 83 Resp: 256612
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 64.5 32.1 96.5

Manual Integrations
APPROVED

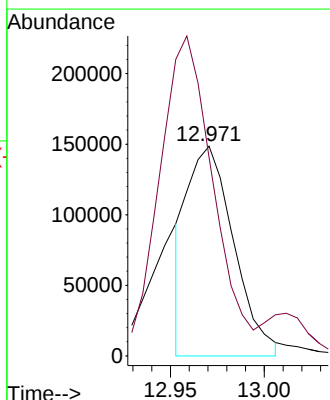
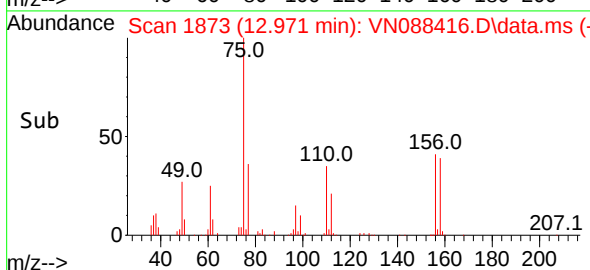
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

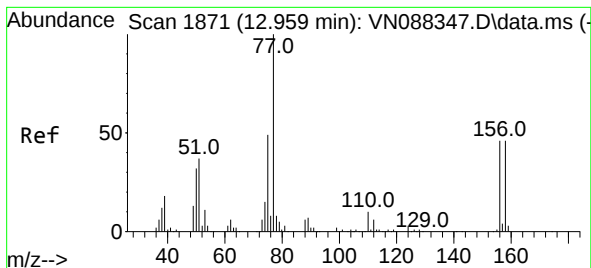


#76
1,2,3-Trichloropropane
Concen: 51.215 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion: 75 Resp: 255919
Ion Ratio Lower Upper
75 100
77 175.9 87.2 261.6





#77

Bromobenzene

Concen: 51.194 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 184776

Ion Ratio Lower Upper

156 100

77 243.6 121.6 364.7

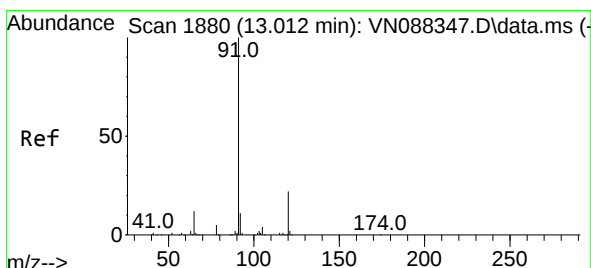
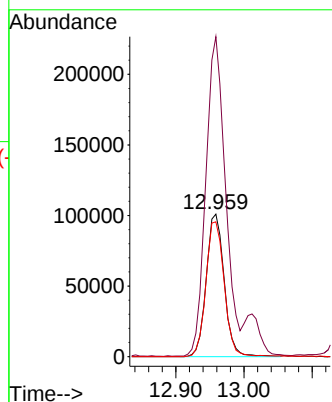
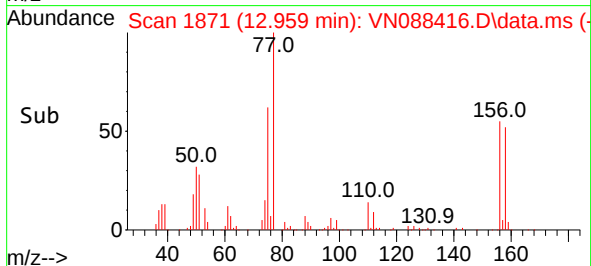
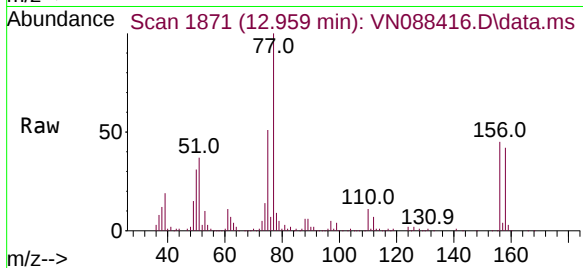
158 96.0 48.6 145.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 53.824 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088416.D

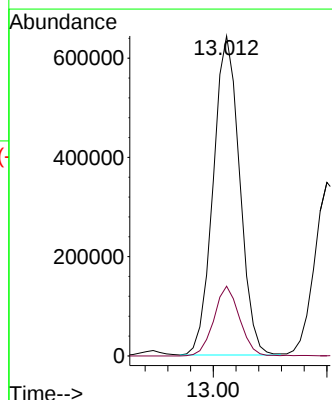
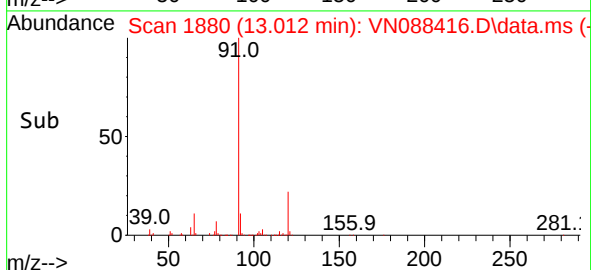
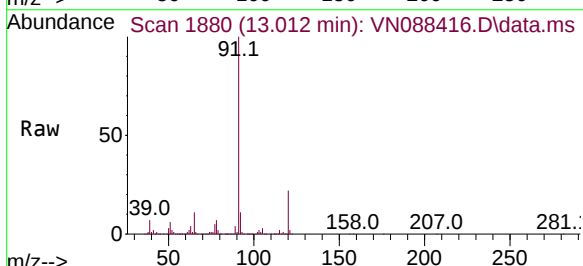
Acq: 03 Dec 2025 10:09

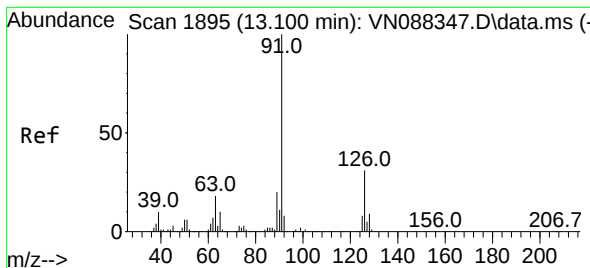
Tgt Ion: 91 Resp: 1038692

Ion Ratio Lower Upper

91 100

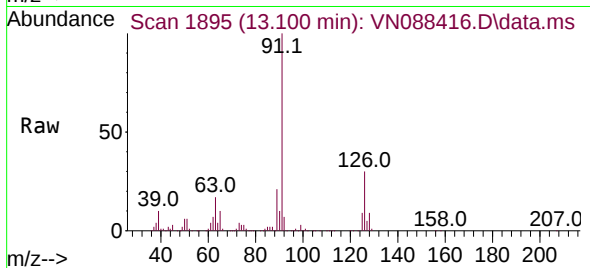
120 21.3 10.9 32.6





#79
2-Chlorotoluene
Concen: 51.779 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

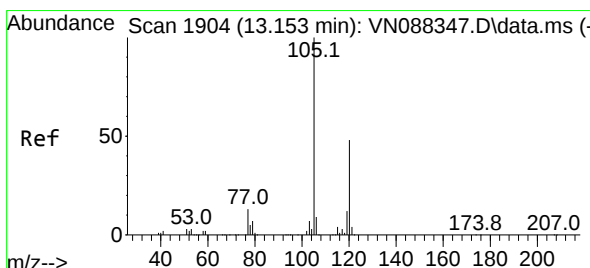
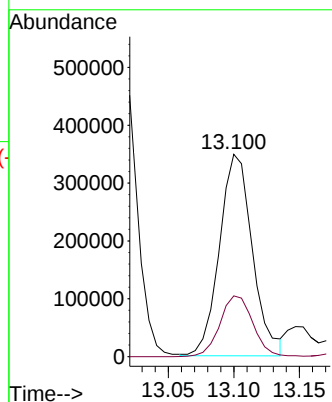
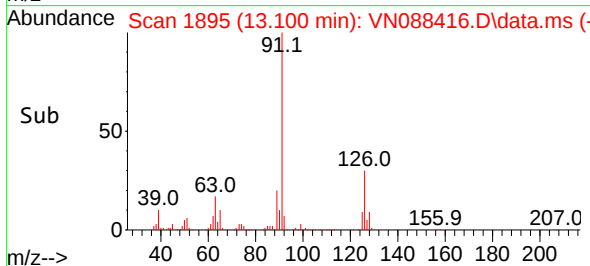
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 610198
Ion Ratio Lower Upper
91 100
126 30.2 15.3 45.9

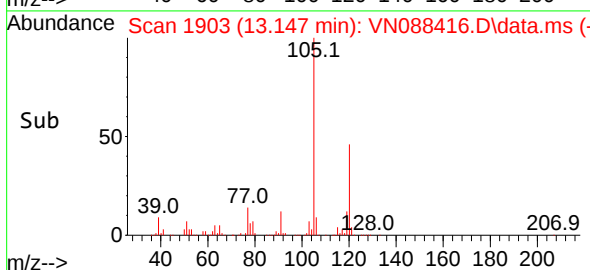
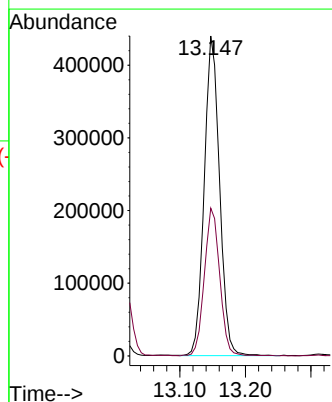
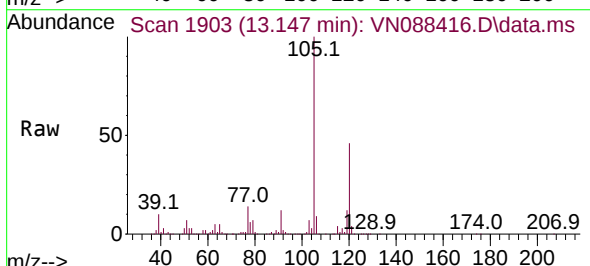
Manual Integrations
APPROVED

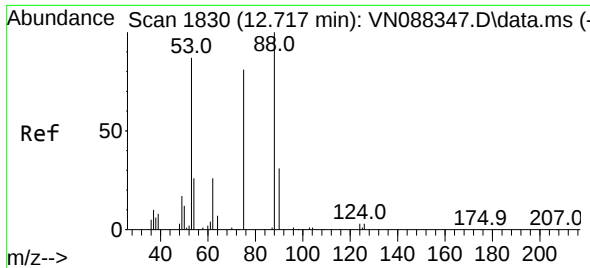
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.389 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Tgt Ion:105 Resp: 710935
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5





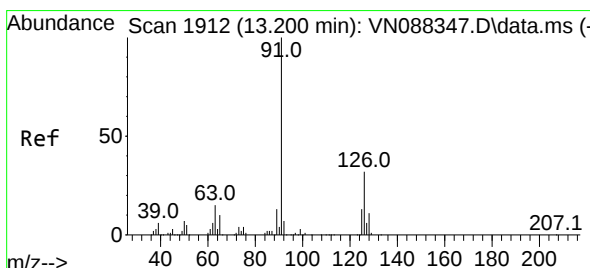
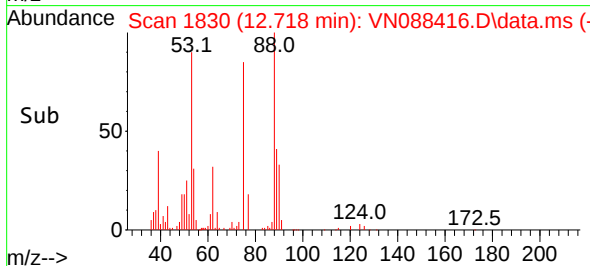
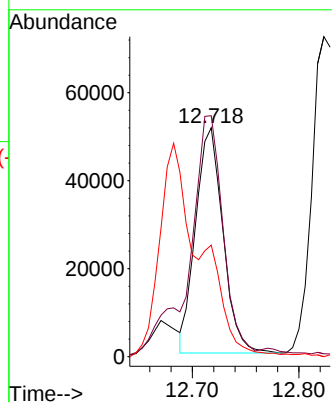
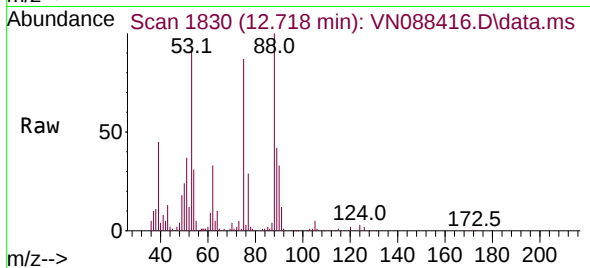
#81
trans-1,4-Dichloro-2-butene
Concen: 51.894 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 91405
Ion Ratio Lower Upper
75 100
53 131.2 92.2 138.4
89 0.0 0.0 0.0

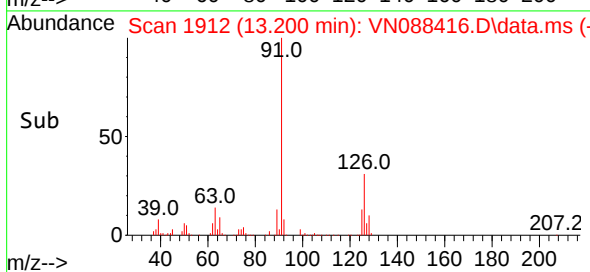
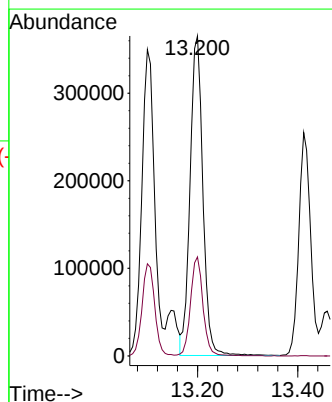
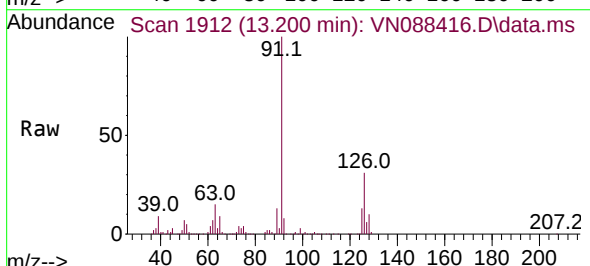
Manual Integrations
APPROVED

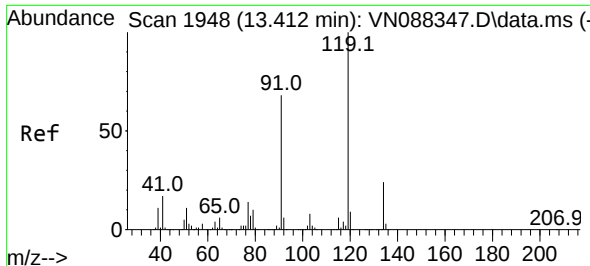
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 55.164 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

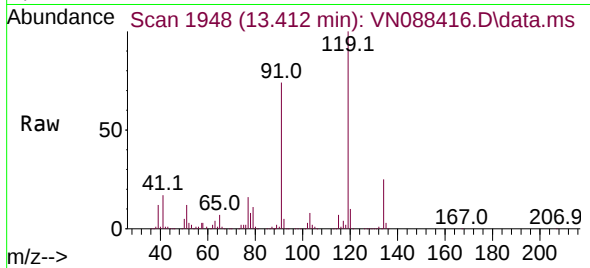
Tgt Ion: 91 Resp: 645688
Ion Ratio Lower Upper
91 100
126 30.0 15.6 46.7





#83
tert-Butylbenzene
Concen: 52.485 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

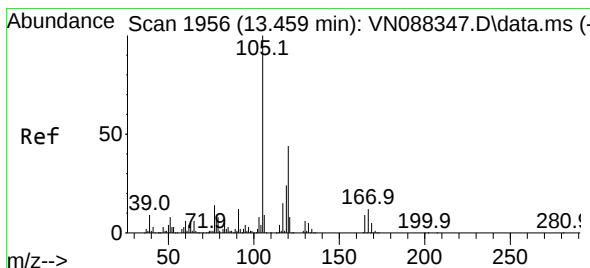
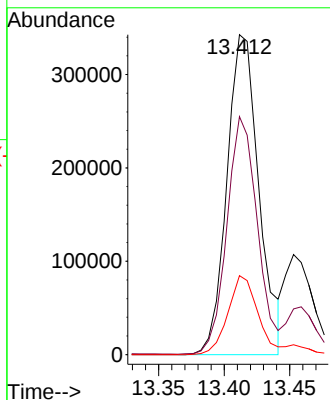
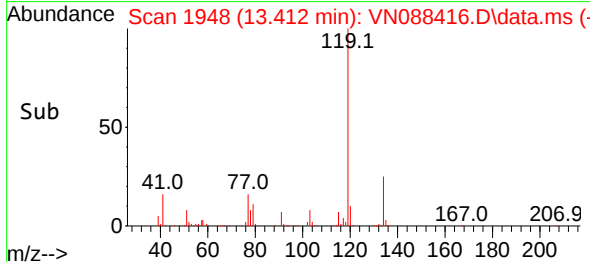
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



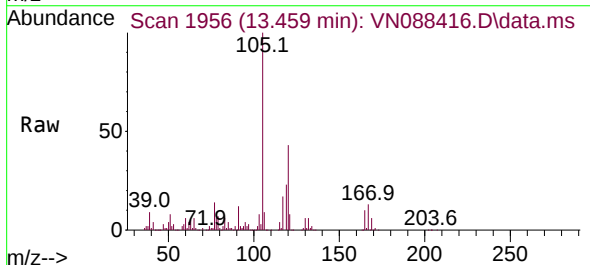
Tgt Ion:119 Resp: 583188
Ion Ratio Lower Upper
119 100
91 70.7 35.1 105.3
134 23.3 12.8 38.4

Manual Integrations
APPROVED

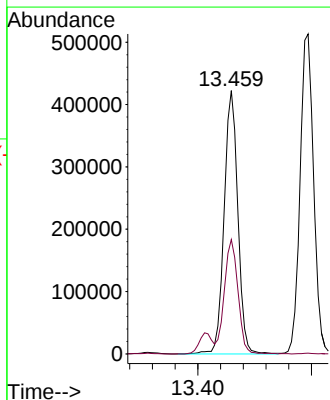
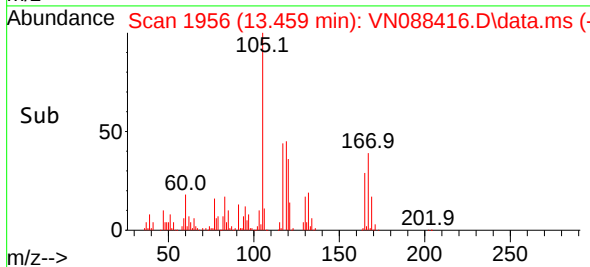
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

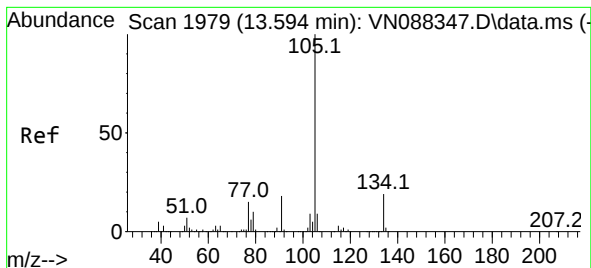


#84
1,2,4-Trimethylbenzene
Concen: 54.240 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion:105 Resp: 704701
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 53.137 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 848228

Ion Ratio Lower Upper

105 100

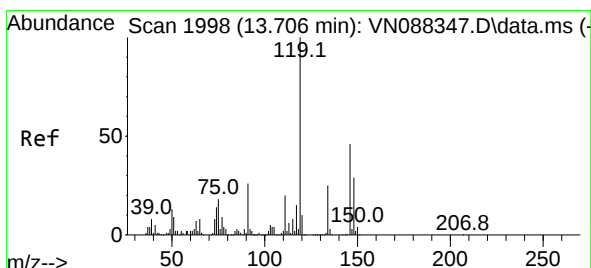
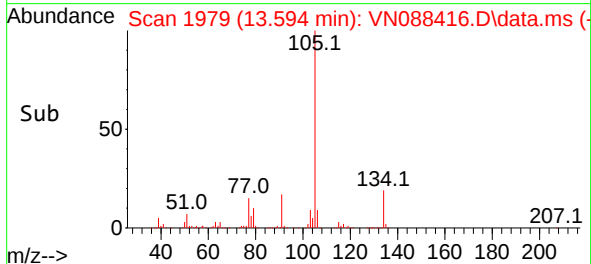
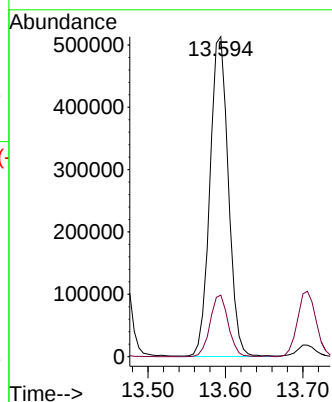
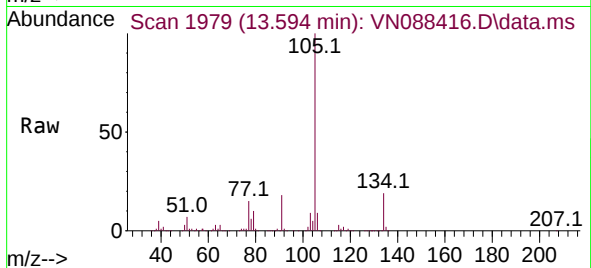
134 18.9 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 53.801 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

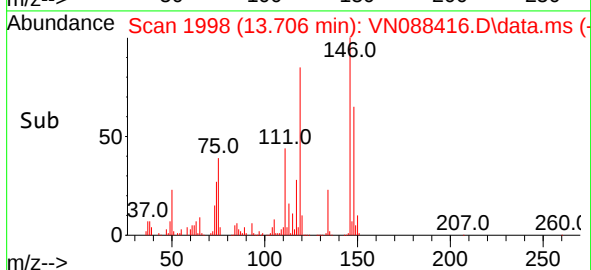
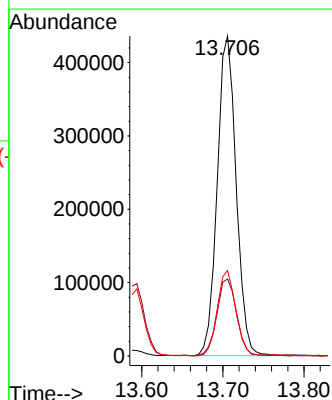
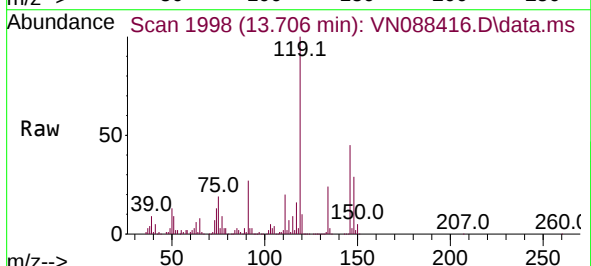
Tgt Ion:119 Resp: 704236

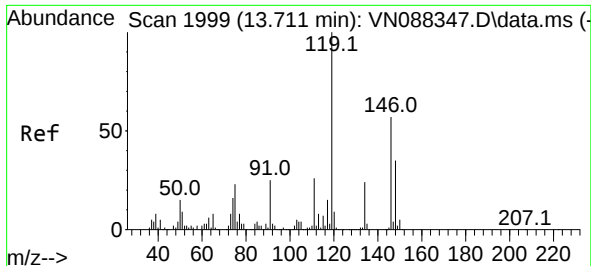
Ion Ratio Lower Upper

119 100

134 24.9 12.2 36.6

91 26.2 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.754 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

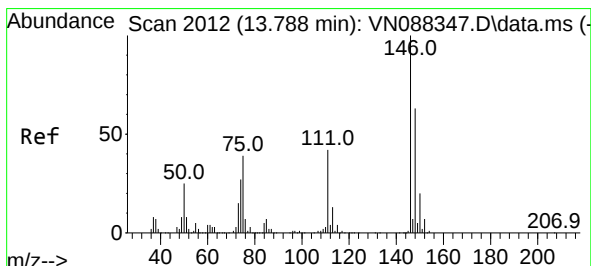
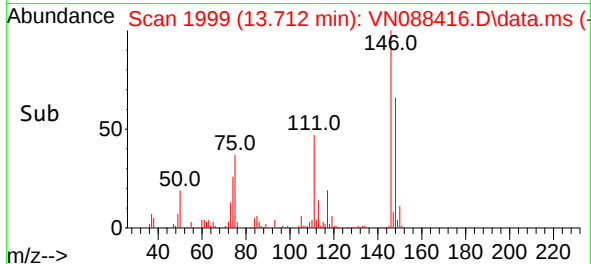
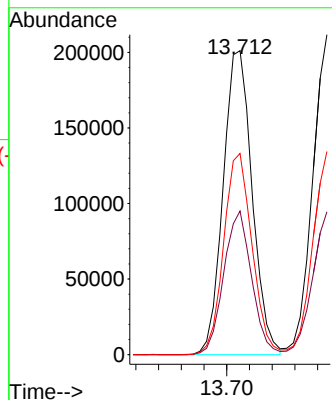
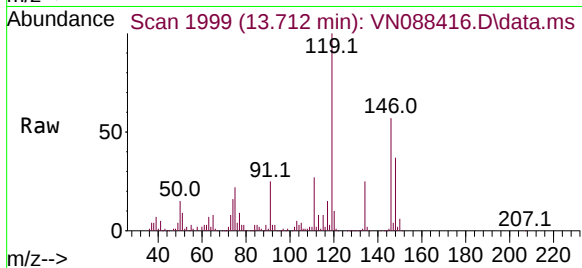
Tgt Ion:146 Resp: 356592
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.4 67.0
 148 65.0 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#88

1,4-Dichlorobenzene

Concen: 49.372 ug/l

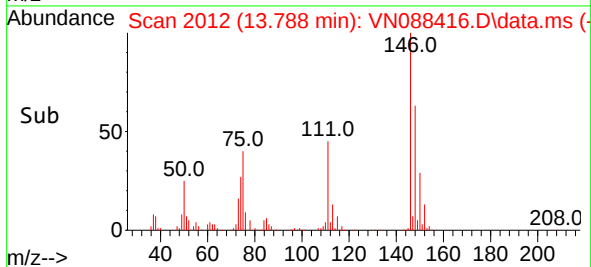
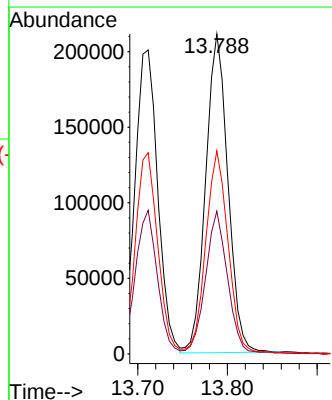
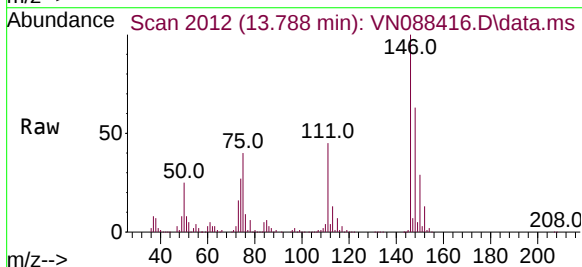
RT: 13.788 min Scan# 1212

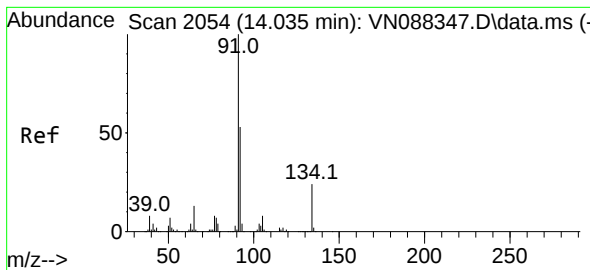
Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion:146 Resp: 363362
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.6 64.6
 148 63.4 31.0 93.0





#89

n-Butylbenzene

Concen: 52.694 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

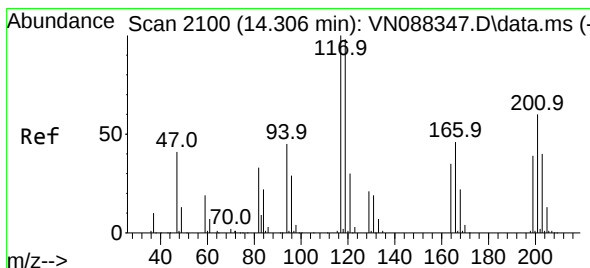
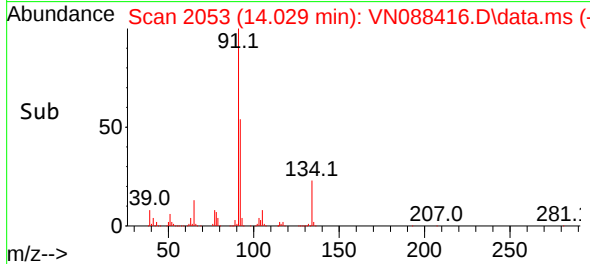
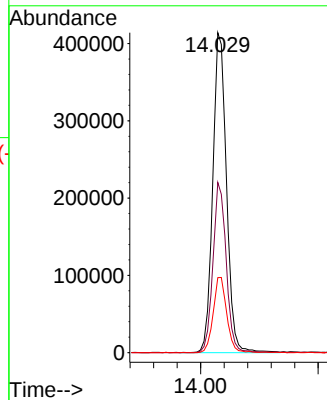
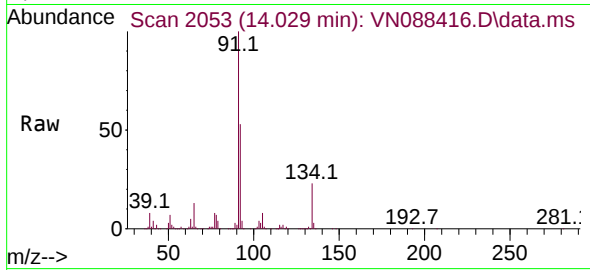
Tgt Ion: 91 Resp: 669720
 Ion Ratio Lower Upper
 91 100
 92 51.5 26.1 78.3
 134 23.2 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 52.623 ug/l

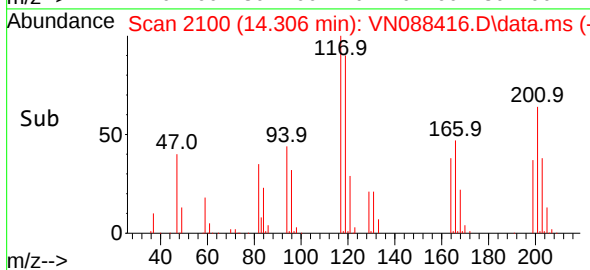
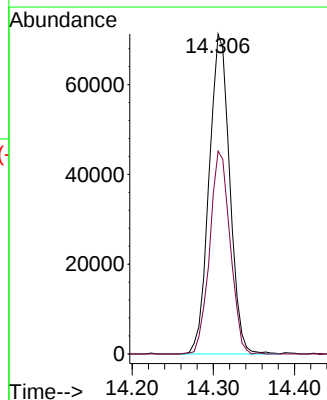
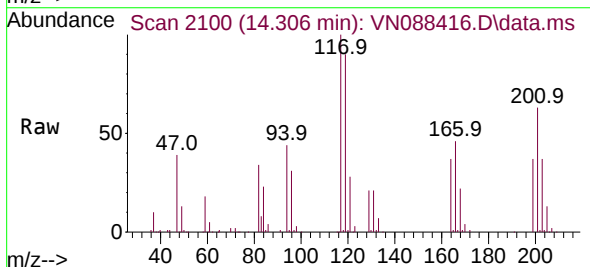
RT: 14.306 min Scan# 2100

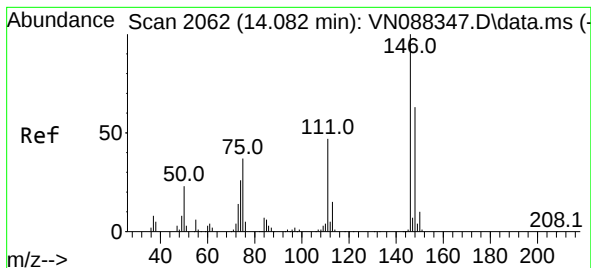
Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion:117 Resp: 125835
 Ion Ratio Lower Upper
 117 100
 201 62.8 30.3 90.9





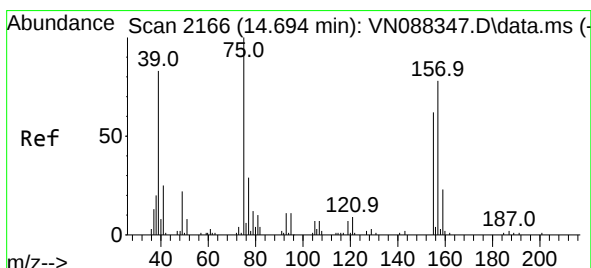
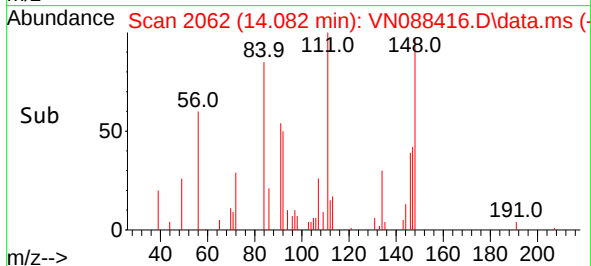
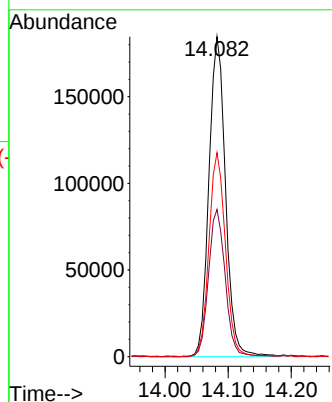
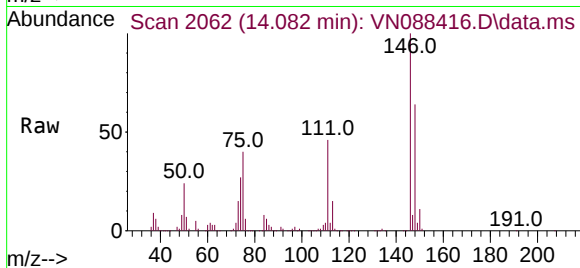
#91
1,2-Dichlorobenzene
Concen: 50.982 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 337073
Ion Ratio Lower Upper
146 100
111 46.3 23.3 69.9
148 63.2 31.8 95.4

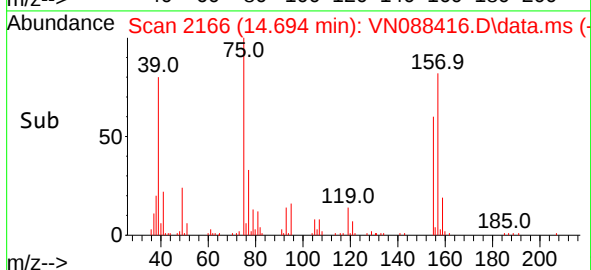
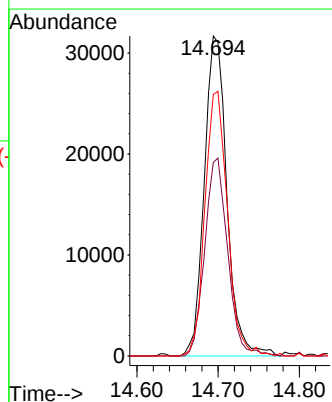
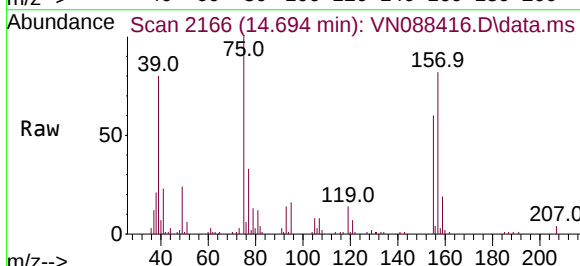
Manual Integrations
APPROVED

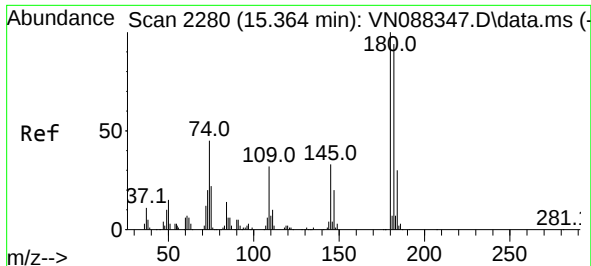
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.621 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

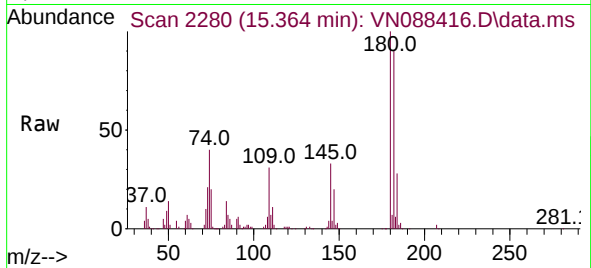
Tgt Ion: 75 Resp: 61396
Ion Ratio Lower Upper
75 100
155 62.7 33.7 101.1
157 82.5 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 48.260 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

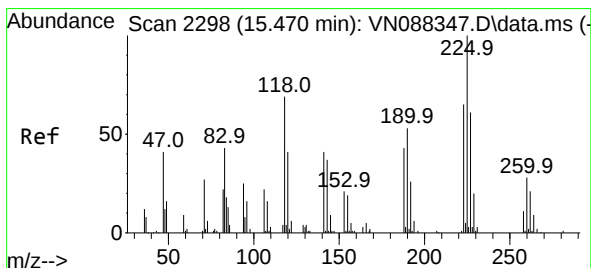
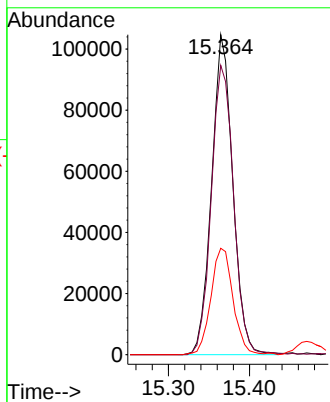
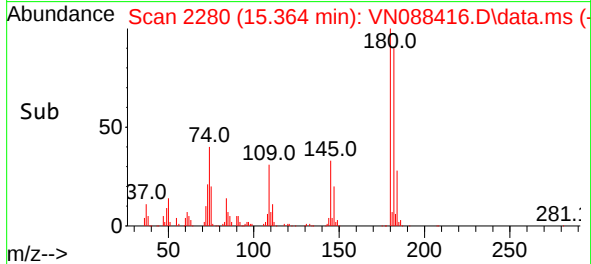
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



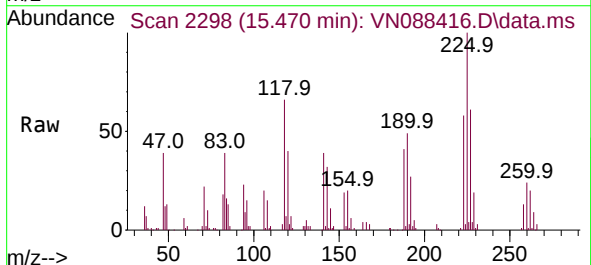
Tgt Ion:180 Resp: 189586
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 34.7 16.7 50.1

Manual Integrations
APPROVED

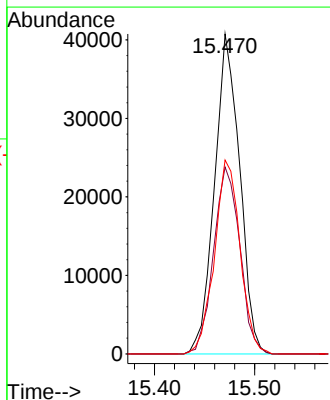
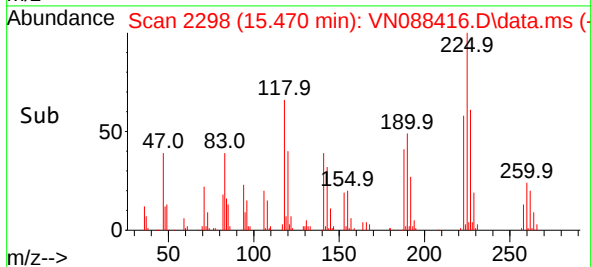
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

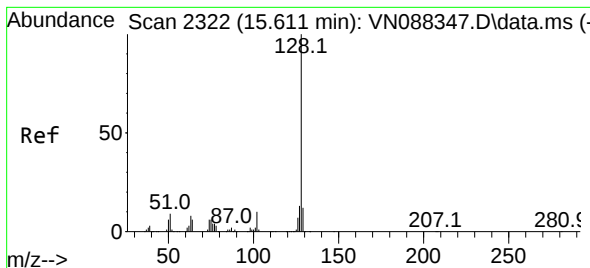


#94
Hexachlorobutadiene
Concen: 50.359 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



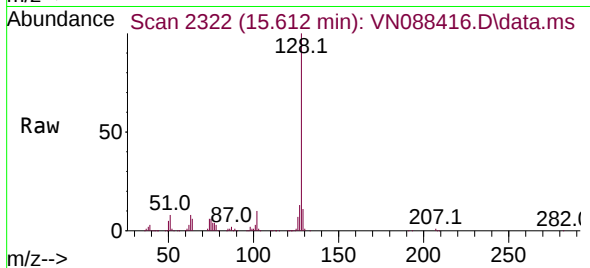
Tgt Ion:225 Resp: 71090
Ion Ratio Lower Upper
225 100
223 60.9 32.3 96.8
227 61.7 29.9 89.8





#95
Naphthalene
Concen: 49.297 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09

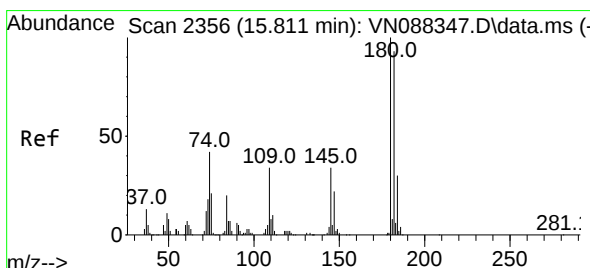
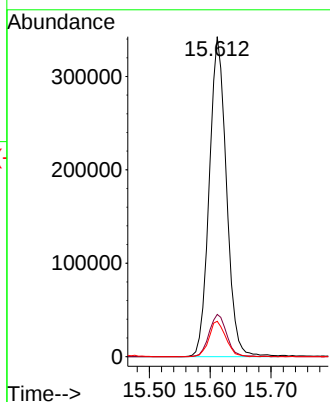
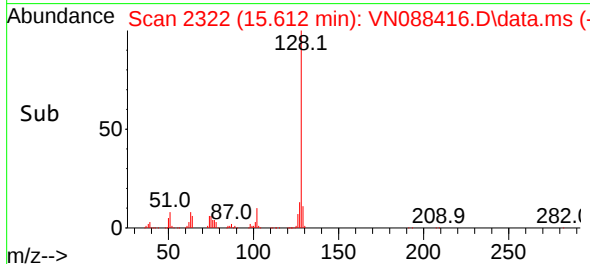
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



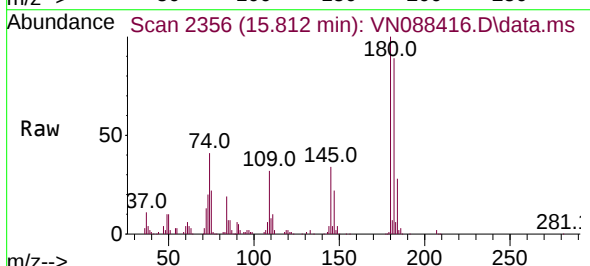
Tgt Ion:128 Resp: 671069
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.073 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088416.D
Acq: 03 Dec 2025 10:09



Tgt Ion:180 Resp: 187617
Ion Ratio Lower Upper
180 100
182 92.1 45.9 137.7
145 36.2 17.8 53.4

