

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088461.D
 Acq On : 04 Dec 2025 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 00:22:06 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 12/05/2025
 Supervised By : Semsettin Yesilyurt 12/05/2025

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	261828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	494580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	455240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	229867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	289115	58.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.240%			
35) Dibromofluoromethane	8.147	113	188065	54.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.740%			
50) Toluene-d8	10.541	98	687619	53.920	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.823	95	254326	58.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	188068	47.822	ug/l	100
3) Chloromethane	2.383	50	191765	45.401	ug/l	99
4) Vinyl Chloride	2.536	62	204228	47.529	ug/l	99
5) Bromomethane	2.977	94	93155	45.044	ug/l	95
6) Chloroethane	3.142	64	129001	48.512	ug/l	97
7) Trichlorofluoromethane	3.518	101	299794	49.641	ug/l	97
8) Diethyl Ether	3.959	74	119375	52.664	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	154475	48.047	ug/l	99
10) Methyl Iodide	4.583	142	133402	41.914	ug/l	91
11) Tert butyl alcohol	5.518	59	177972	226.004	ug/l	99
12) 1,1-Dichloroethene	4.342	96	154133	48.252	ug/l	97
13) Acrolein	4.177	56	224633	297.956	ug/l	99
14) Allyl chloride	5.012	41	300012	50.672	ug/l	98
15) Acrylonitrile	5.706	53	570309	251.015	ug/l	99
16) Acetone	4.424	43	558452	313.072	ug/l	99
17) Carbon Disulfide	4.706	76	475911	45.592	ug/l	100
18) Methyl Acetate	5.018	43	289944	54.606	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	649557	54.274	ug/l	100
20) Methylene Chloride	5.265	84	191065	50.064	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	176202	49.795	ug/l	99
22) Diisopropyl ether	6.659	45	698556	55.264	ug/l	99
23) Vinyl Acetate	6.589	43	3082157	302.644	ug/l	98
24) 1,1-Dichloroethane	6.553	63	375038	52.393	ug/l	99
25) 2-Butanone	7.465	43	810757	282.726	ug/l	96
26) 2,2-Dichloropropane	7.471	77	295862	47.884	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	210901	51.284	ug/l	97
28) Bromochloromethane	7.794	49	193580	54.286	ug/l	99
29) Tetrahydrofuran	7.818	42	544375	264.661	ug/l	99
30) Chloroform	7.947	83	379288	53.924	ug/l	95
31) Cyclohexane	8.236	56	292790	45.136	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	320889	51.886	ug/l	100
36) 1,1-Dichloropropene	8.353	75	250698	47.394	ug/l	98
37) Ethyl Acetate	7.547	43	340548	48.963	ug/l	99
38) Carbon Tetrachloride	8.341	117	264780	50.284	ug/l	98
39) Methylcyclohexane	9.582	83	248462	43.914	ug/l	92
40) Benzene	8.588	78	760689	48.998	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	177537	51.537	ug/l	97
42) 1,2-Dichloroethane	8.647	62	318738	53.812	ug/l	100
43) Isopropyl Acetate	8.671	43	546458	51.423	ug/l	99
44) Trichloroethene	9.330	130	163538	44.581	ug/l	93
45) 1,2-Dichloropropane	9.600	63	201788	50.730	ug/l #	88
46) Dibromomethane	9.688	93	146897	51.748	ug/l	98
47) Bromodichloromethane	9.865	83	302856	52.288	ug/l	98
48) Methyl methacrylate	9.659	41	259691	53.560	ug/l	96
49) 1,4-Dioxane	9.682	88	49945	809.985	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1667045	266.144	ug/l	100
52) Toluene	10.606	92	462408	51.582	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	306402	51.537	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	322809	51.632	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	178471	51.457	ug/l	97
56) Ethyl methacrylate	10.853	69	308834	56.371	ug/l	99
57) 1,3-Dichloropropane	11.141	76	326315	52.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	881762	279.170	ug/l	99
59) 2-Hexanone	11.177	43	1117704	283.261	ug/l	99
60) Dibromochloromethane	11.335	129	207055	52.368	ug/l	97
61) 1,2-Dibromoethane	11.447	107	179310	51.054	ug/l	99
64) Tetrachloroethene	11.082	164	144099	39.928	ug/l	97
65) Chlorobenzene	11.865	112	492993	48.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	169912	49.267	ug/l	99
67) Ethyl Benzene	11.941	91	879881	49.232	ug/l	100
68) m/p-Xylenes	12.047	106	653080	98.557	ug/l	95
69) o-Xylene	12.376	106	309842	49.046	ug/l	98
70) Styrene	12.388	104	549431	53.563	ug/l	99
71) Bromoform	12.553	173	130538	51.676	ug/l #	98
73) Isopropylbenzene	12.671	105	802630	47.225	ug/l	99
74) N-amyl acetate	12.500	43	268521m	46.392	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	266493	48.501	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	253099m	47.010	ug/l	
77) Bromobenzene	12.959	156	187537	48.225	ug/l	96
78) n-propylbenzene	13.012	91	977270	47.001	ug/l	100
79) 2-Chlorotoluene	13.100	91	609168	47.976	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	682838	48.485	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	93783	49.417	ug/l #	92
82) 4-Chlorotoluene	13.200	91	628846	49.863	ug/l	100
83) tert-Butylbenzene	13.412	119	561293	46.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	697231	49.808	ug/l	98
85) sec-Butylbenzene	13.588	105	791572	46.024	ug/l	99
86) p-Isopropyltoluene	13.706	119	662985	47.009	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	354618	46.845	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	364949	46.024	ug/l	98
89) n-Butylbenzene	14.029	91	612364	44.718	ug/l	100
90) Hexachloroethane	14.306	117	118976	46.179	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	341326	47.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62778	47.091	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	186177	43.986	ug/l	98
94) Hexachlorobutadiene	15.470	225	59460	39.093	ug/l	96
95) Naphthalene	15.612	128	690653	47.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	176791	42.918	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

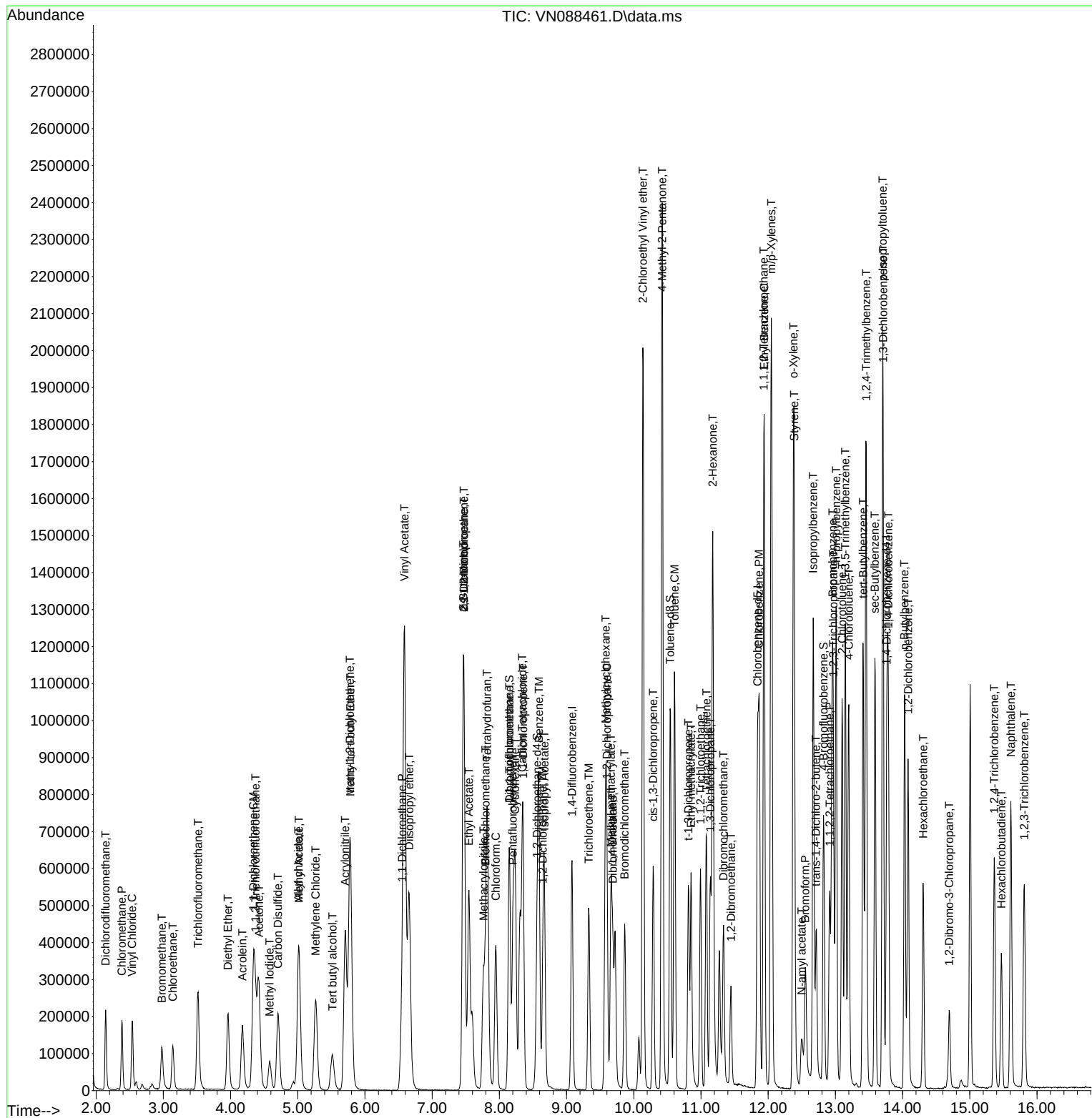
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
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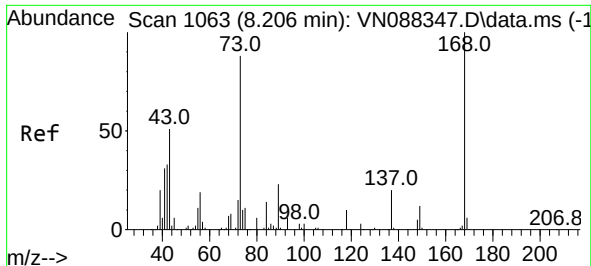
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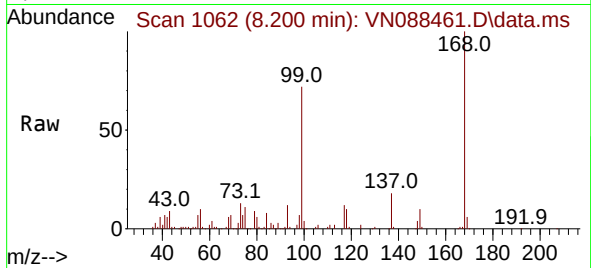
Reviewed By :John Carlone 12/05/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

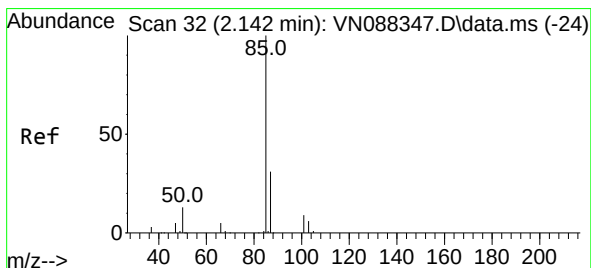
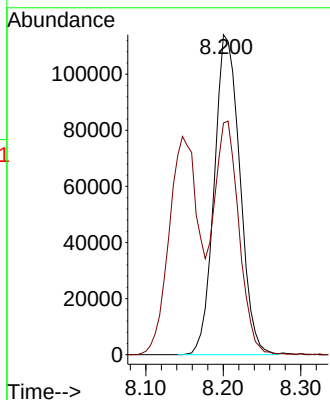
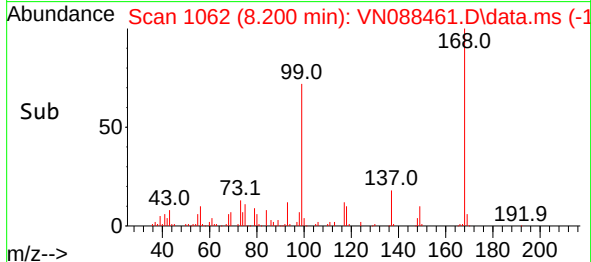
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VSTDCCC050EC



Tgt Ion:168 Resp: 261828
Ion Ratio Lower Upper
168 100
99 72.1 57.1 85.7

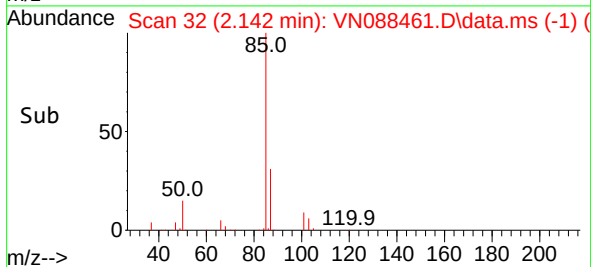
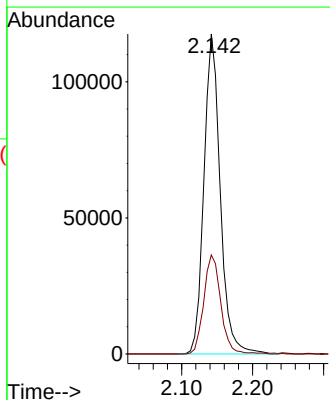
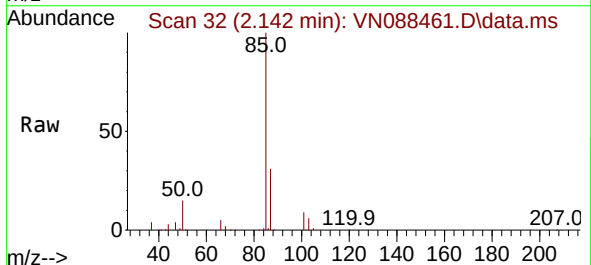
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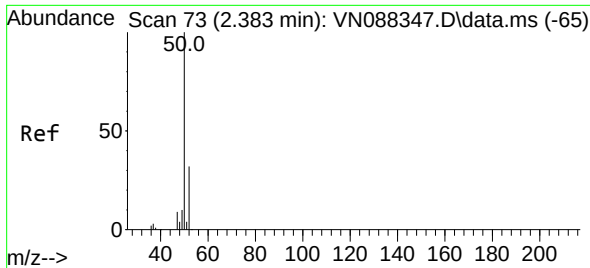
Reviewed By :John Carlone 12/05/2025
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#2
Dichlorodifluoromethane
Concen: 47.822 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

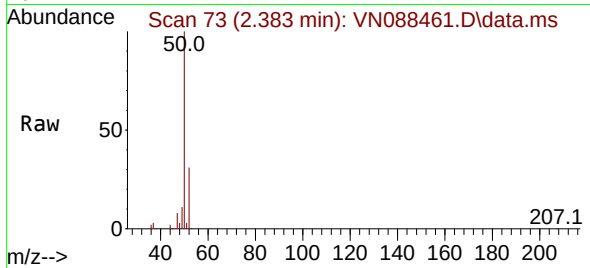
Tgt Ion: 85 Resp: 188068
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.7





#3
Chloromethane
Concen: 45.401 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

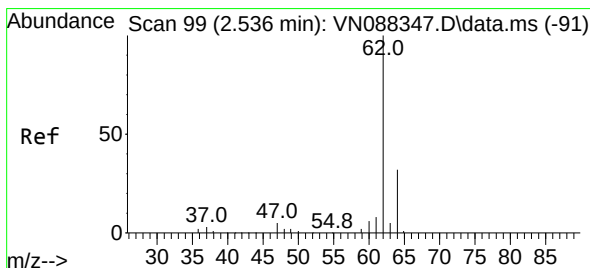
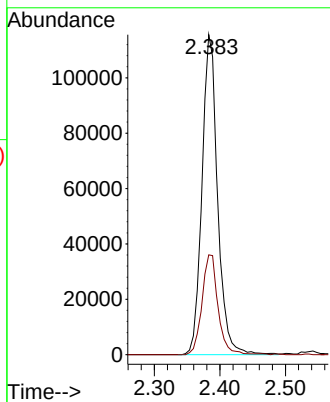
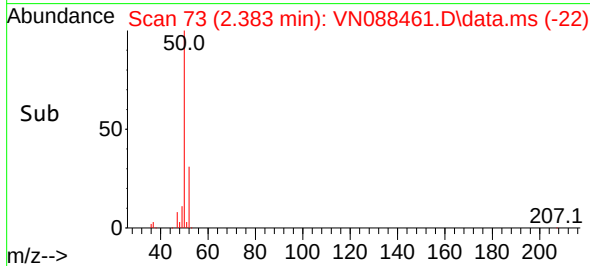
Instrument :
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Tgt Ion: 50 Resp: 191768
Ion Ratio Lower Upper
50 100
52 31.2 25.2 37.8

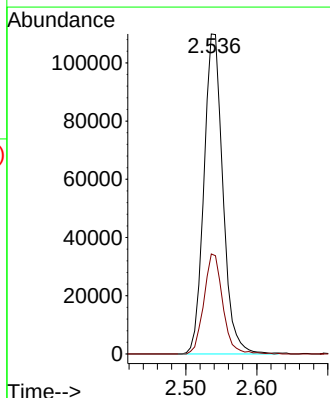
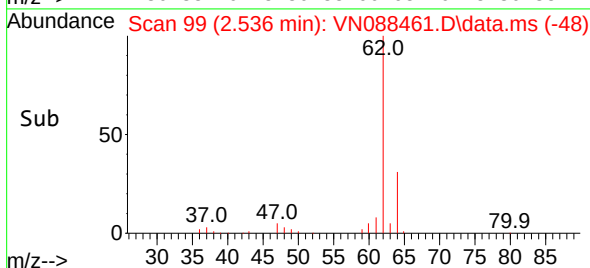
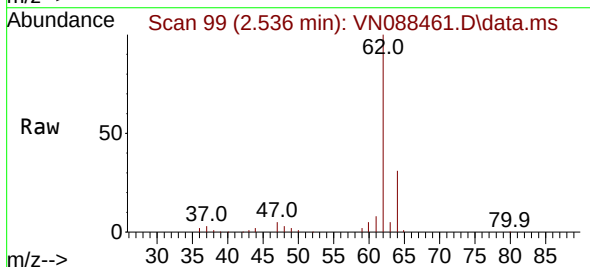
Manual Integrations
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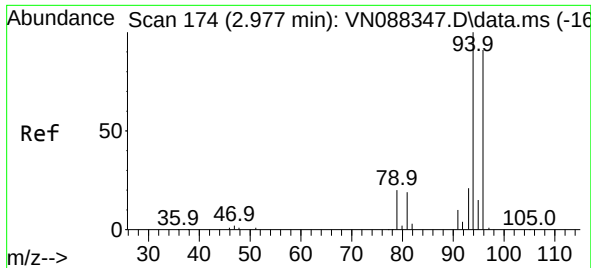
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#4
Vinyl Chloride
Concen: 47.529 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

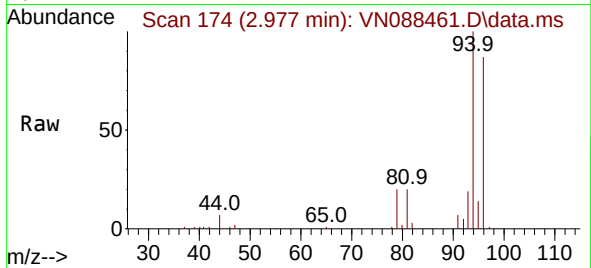
Tgt Ion: 62 Resp: 204228
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





#5
Bromomethane
Concen: 45.044 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

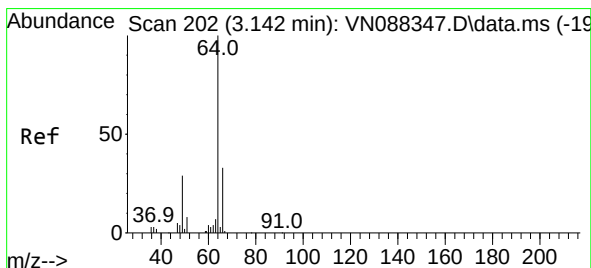
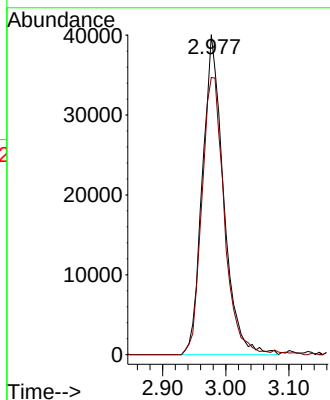
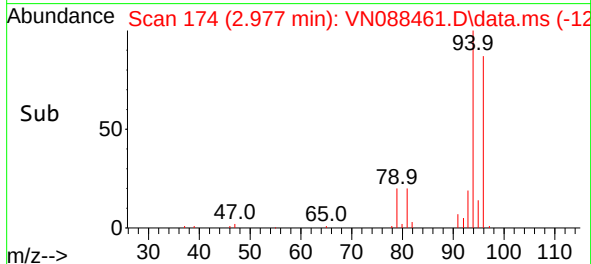
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Tgt Ion: 94 Resp: 9315
Ion Ratio Lower Upper
94 100
96 86.6 73.2 109.8

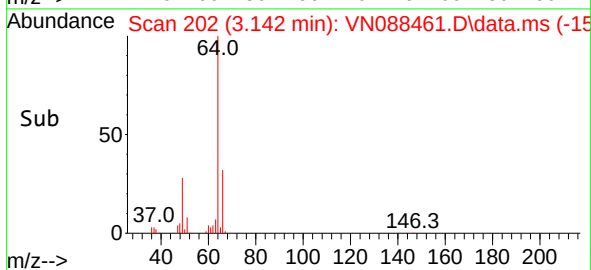
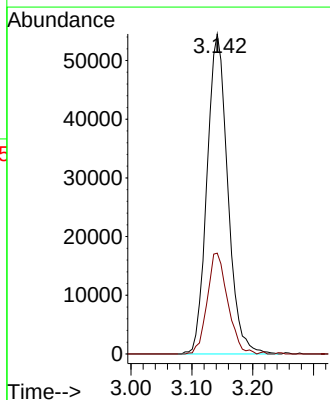
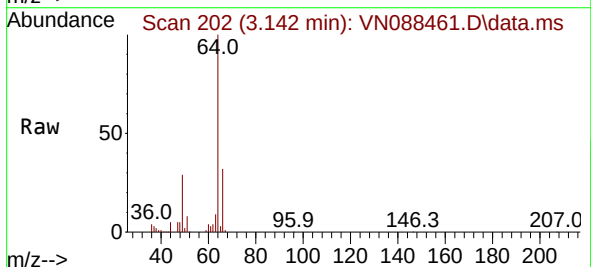
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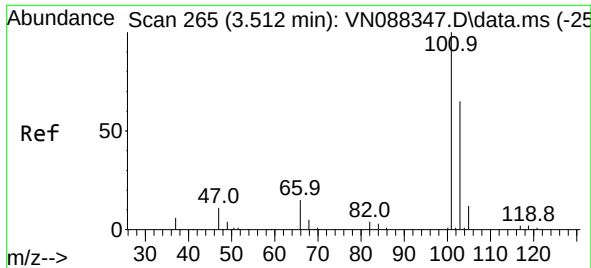
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#6
Chloroethane
Concen: 48.512 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

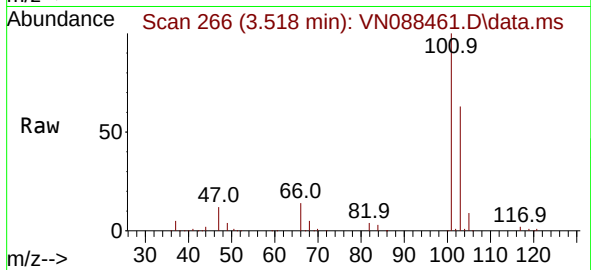
Tgt Ion: 64 Resp: 129001
Ion Ratio Lower Upper
64 100
66 31.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 49.641 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

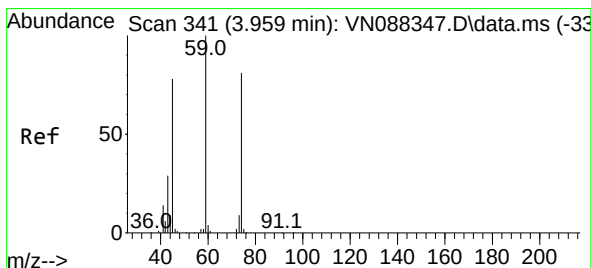
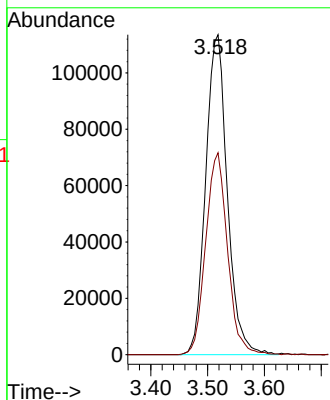
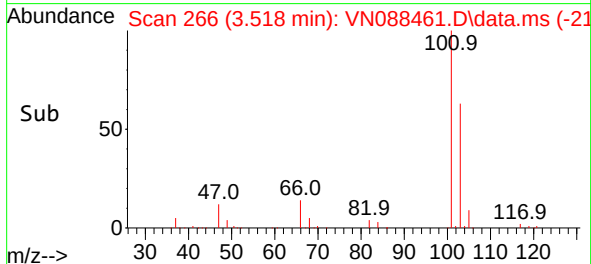
Instrument :
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Tgt Ion:101 Resp: 299794
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5

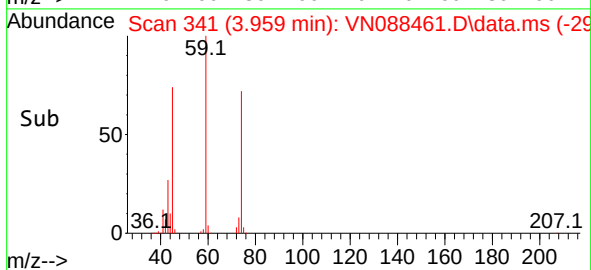
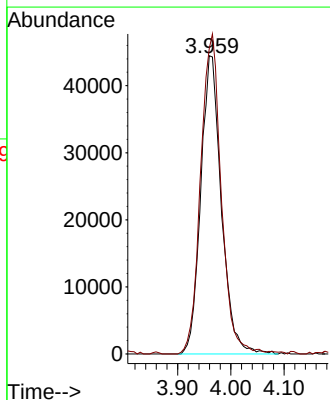
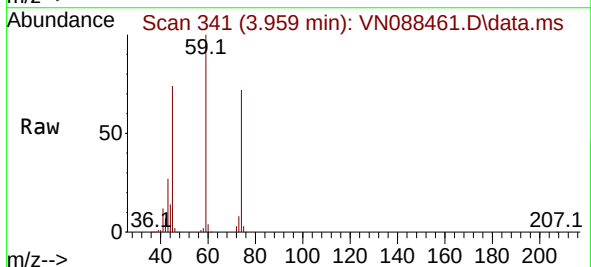
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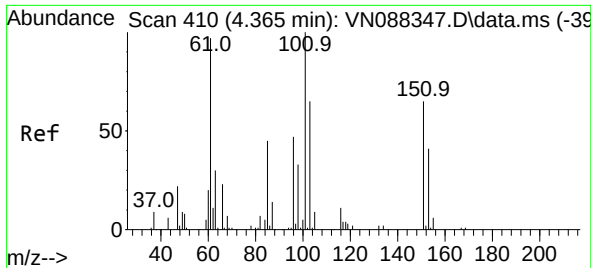
Reviewed By :John Carlone 12/05/2025
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#8
 Diethyl Ether
 Concen: 52.664 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

Tgt Ion: 74 Resp: 119375
 Ion Ratio Lower Upper
 74 100
 45 107.4 54.2 162.6





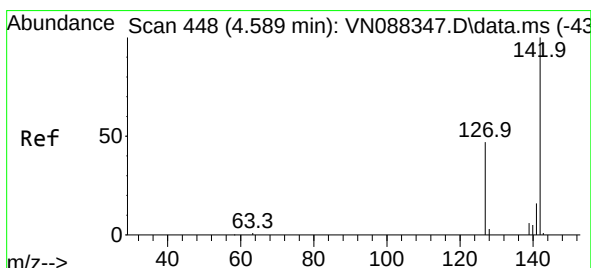
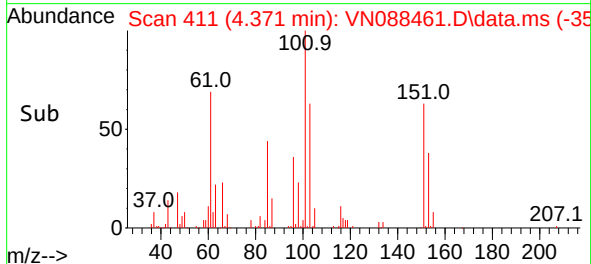
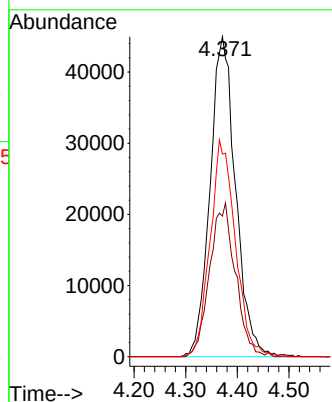
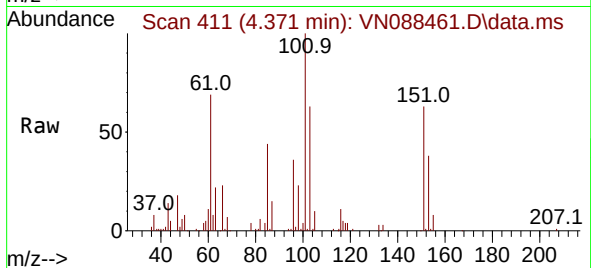
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.047 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15447
Ion Ratio Lower Upper
101 100
85 48.3 39.2 58.8
151 66.9 53.6 80.4

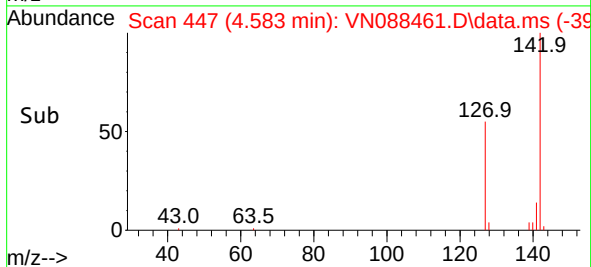
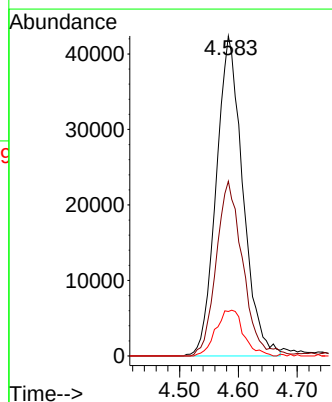
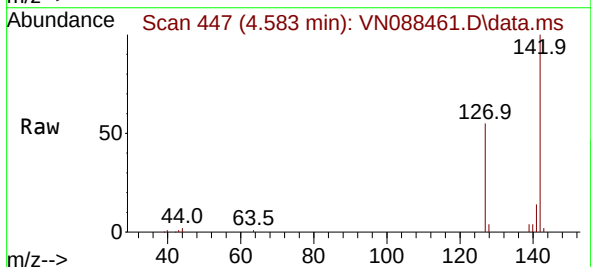
Manual Integrations
APPROVED

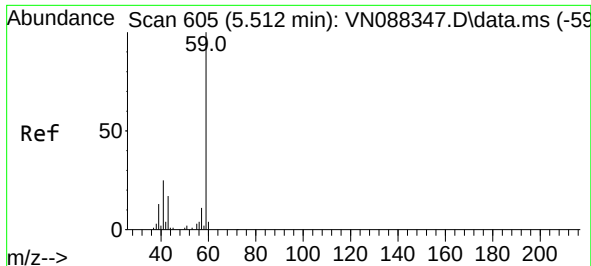
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#10
Methyl Iodide
Concen: 41.914 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

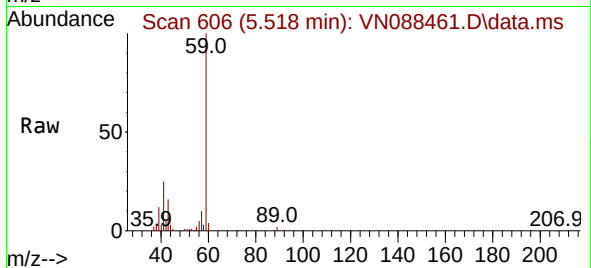
Tgt Ion:142 Resp: 133402
Ion Ratio Lower Upper
142 100
127 54.6 37.9 56.9
141 13.9 12.4 18.6





#11
Tert butyl alcohol
Concen: 226.004 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

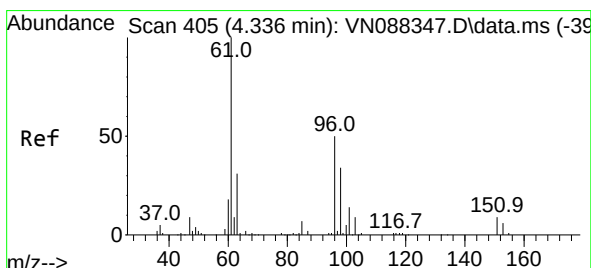
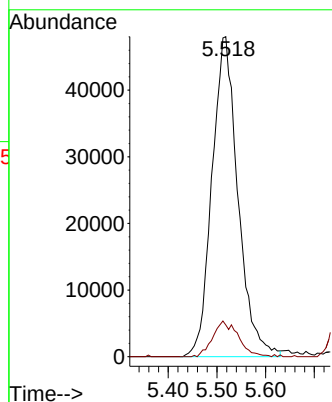
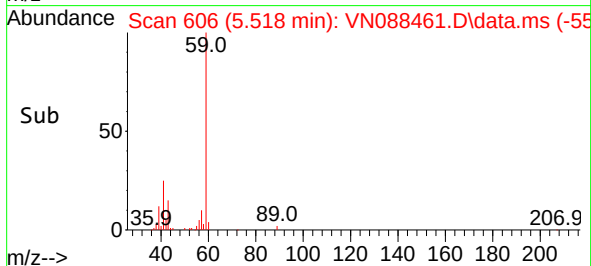
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



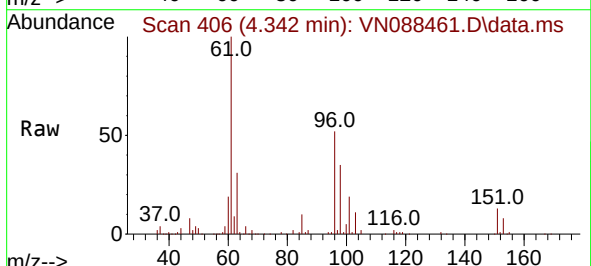
Tgt Ion: 59 Resp: 177972
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

Manual Integrations
APPROVED

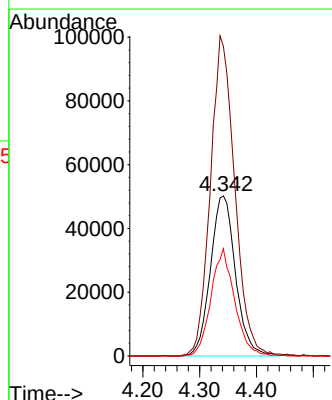
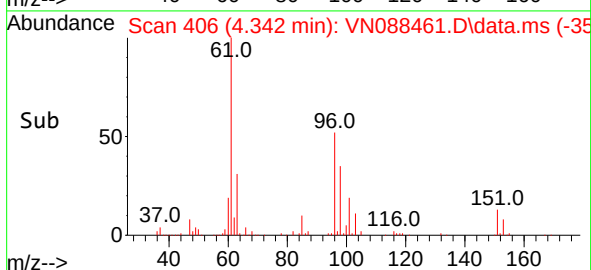
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

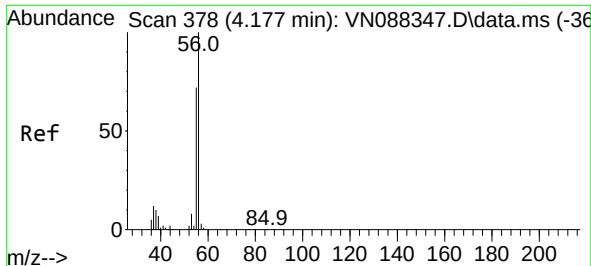


#12
1,1-Dichloroethene
Concen: 48.252 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



Tgt Ion: 96 Resp: 154133
Ion Ratio Lower Upper
96 100
61 193.5 159.1 238.7
98 67.0 53.7 80.5





#13

Acrolein

Concen: 297.956 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 22463

Ion Ratio Lower Upper

56 100

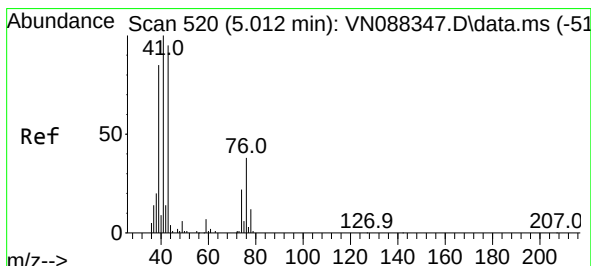
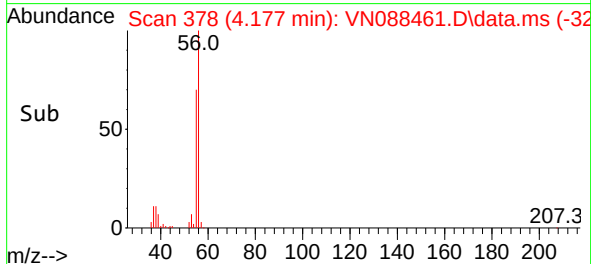
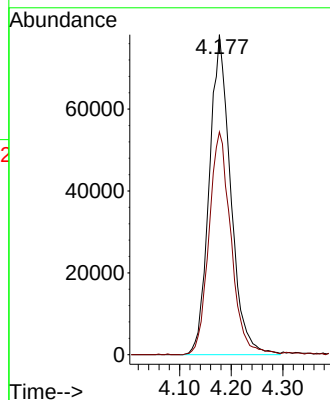
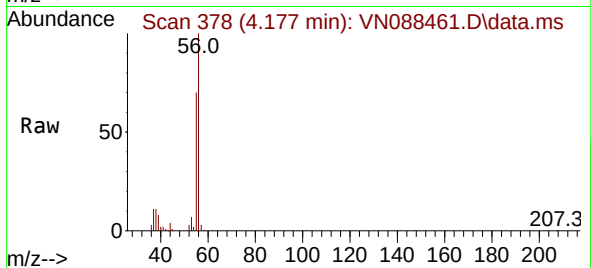
55 71.5 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#14

Allyl chloride

Concen: 50.672 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

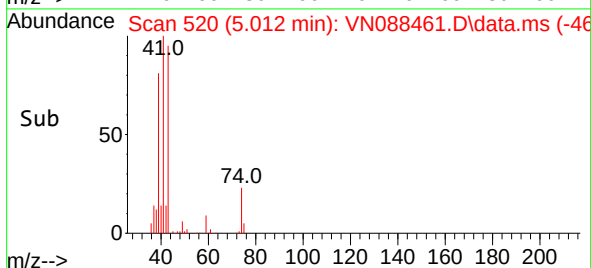
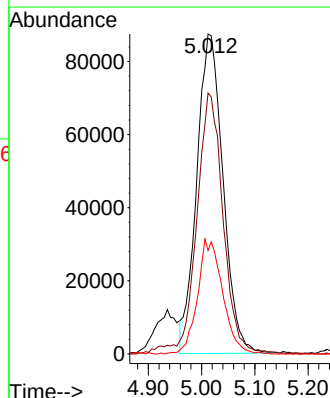
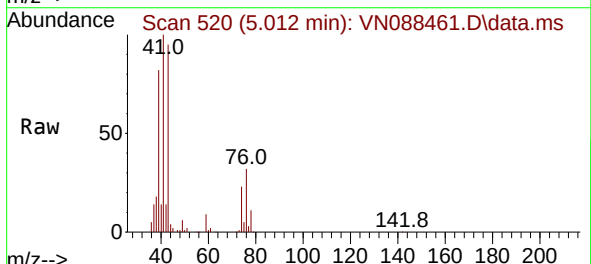
Tgt Ion: 41 Resp: 300012

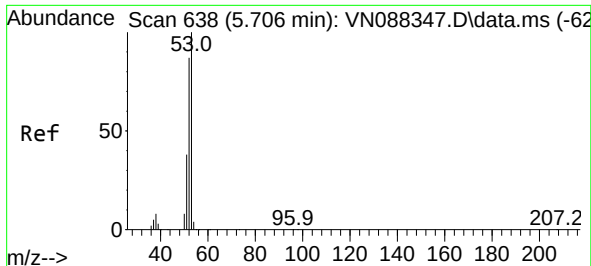
Ion Ratio Lower Upper

41 100

39 82.3 64.7 97.1

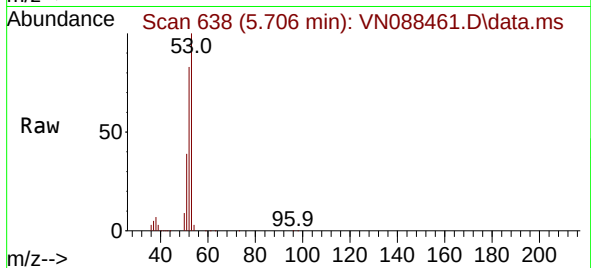
76 34.3 29.1 43.7





#15
Acrylonitrile
Concen: 251.015 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

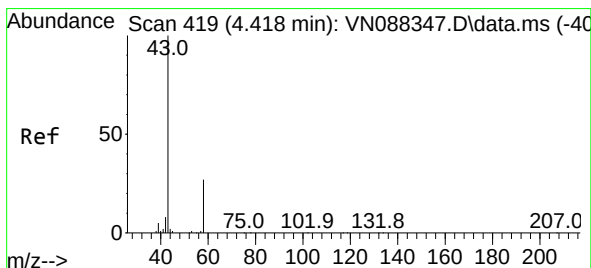
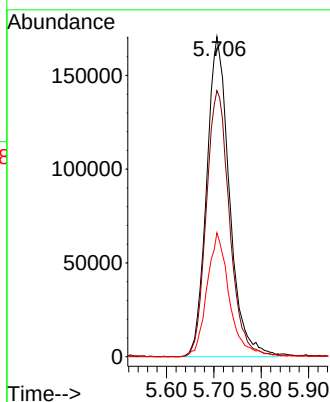
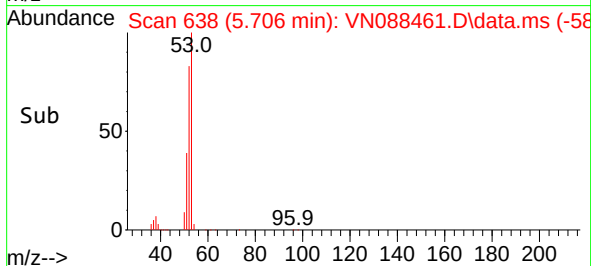
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



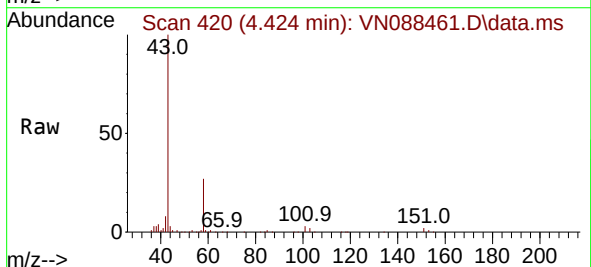
Tgt Ion: 53 Resp: 570309
Ion Ratio Lower Upper
53 100
52 84.8 67.8 101.6
51 38.3 29.8 44.8

Manual Integrations
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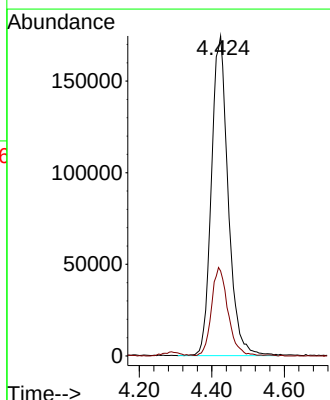
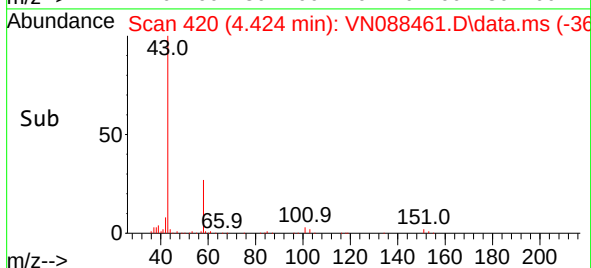
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

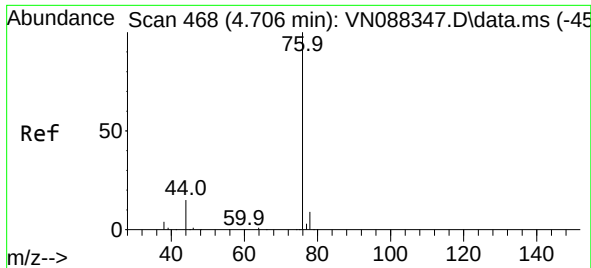


#16
Acetone
Concen: 313.072 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



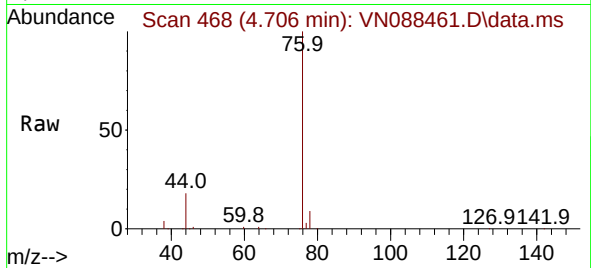
Tgt Ion: 43 Resp: 558452
Ion Ratio Lower Upper
43 100
58 26.6 21.7 32.5





#17
Carbon Disulfide
Concen: 45.592 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

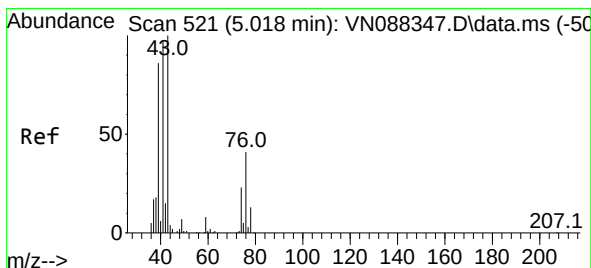
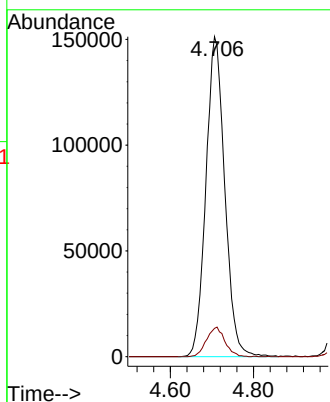
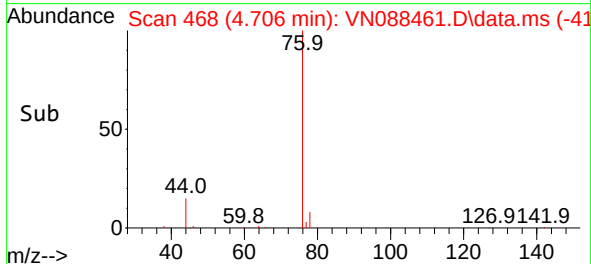
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 47591
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

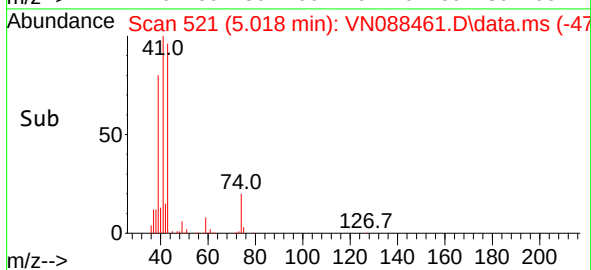
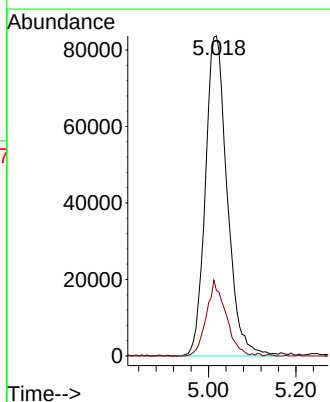
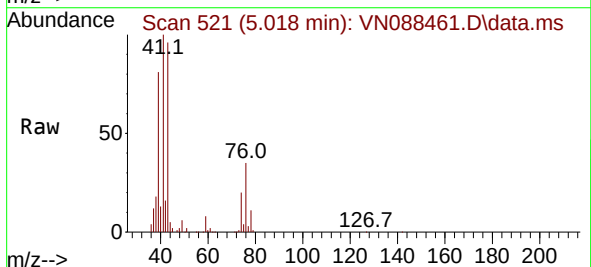
Manual Integrations
APPROVED

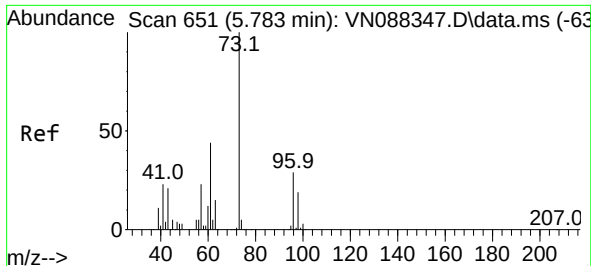
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#18
Methyl Acetate
Concen: 54.606 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

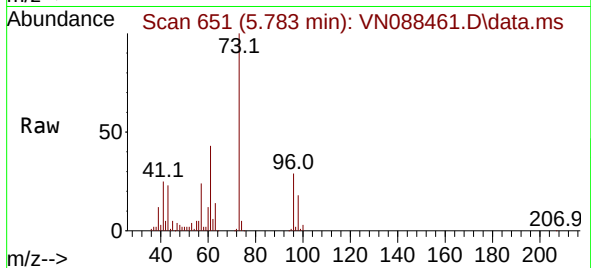
Tgt Ion: 43 Resp: 289944
Ion Ratio Lower Upper
43 100
74 21.3 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 54.274 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

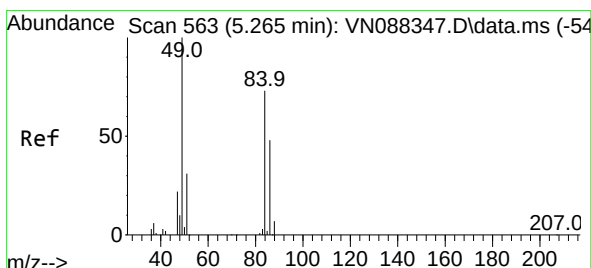
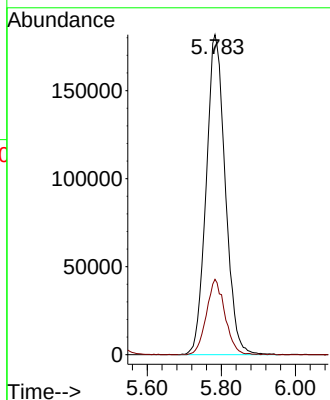
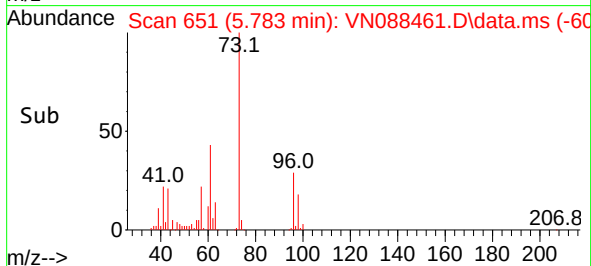
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 64955
Ion Ratio Lower Upper
73 100
57 23.5 18.6 28.0

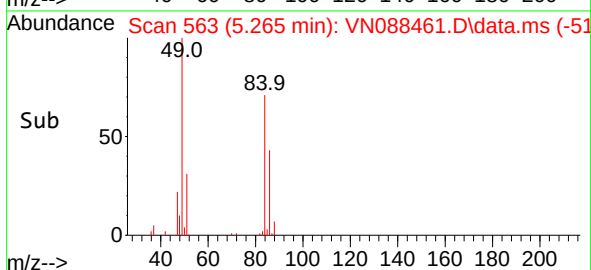
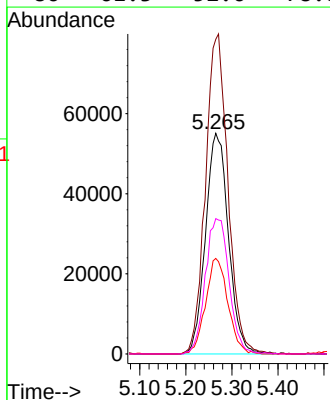
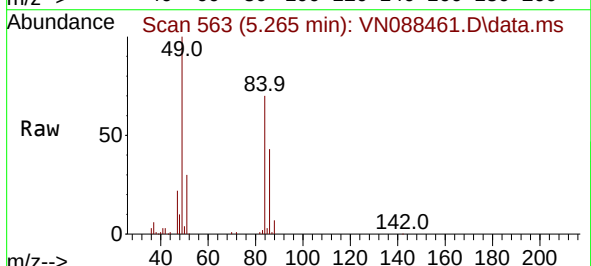
Manual Integrations
APPROVED

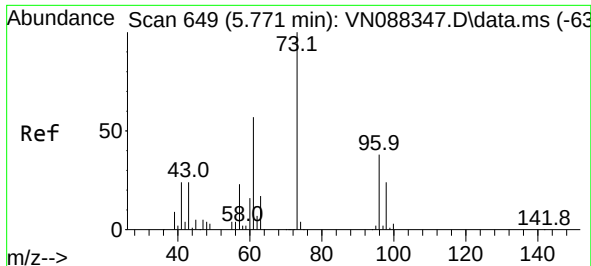
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#20
Methylene Chloride
Concen: 50.064 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion: 84 Resp: 191065
Ion Ratio Lower Upper
84 100
49 142.6 110.2 165.2
51 43.3 34.1 51.1
86 61.3 52.6 78.8





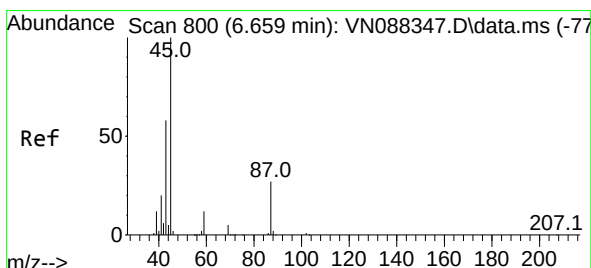
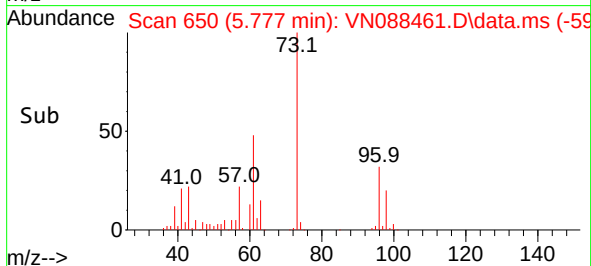
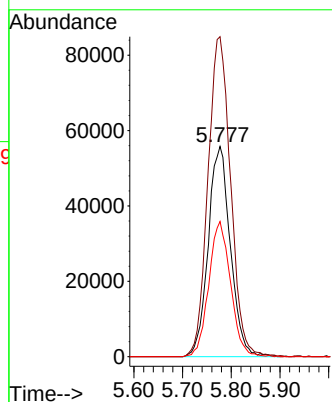
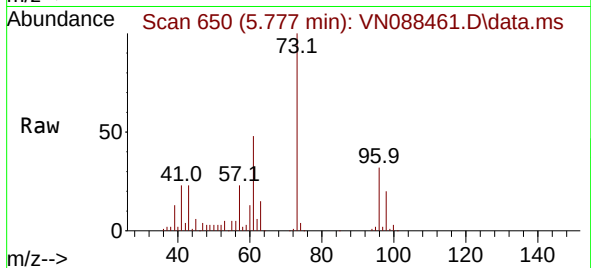
#21
trans-1,2-Dichloroethene
Concen: 49.795 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 17620
Ion Ratio Lower Upper
96 100
61 152.3 122.4 183.6
98 64.3 50.9 76.3

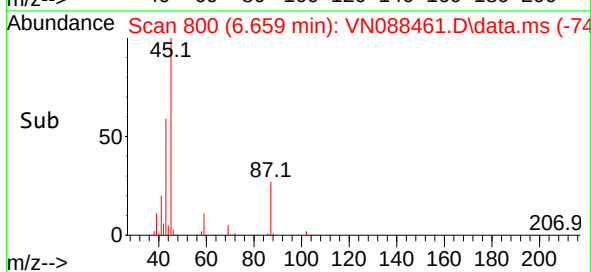
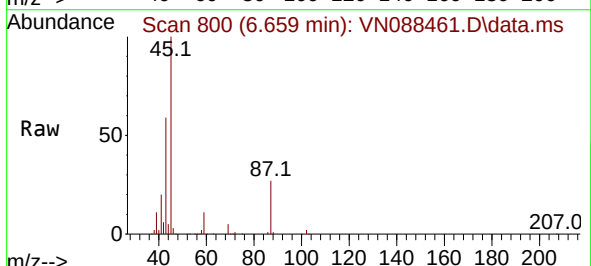
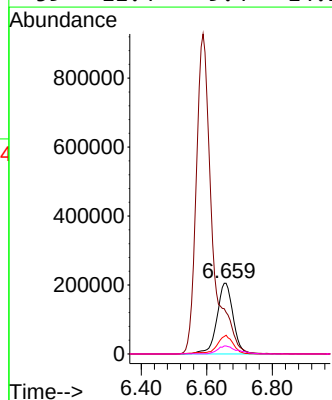
Manual Integrations
APPROVED

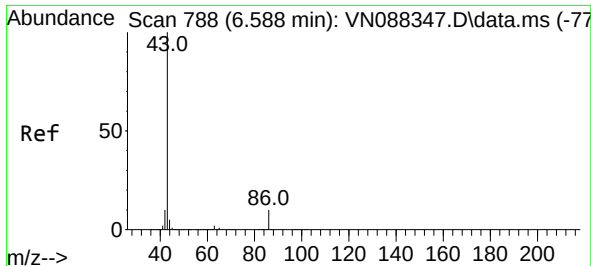
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#22
Diisopropyl ether
Concen: 55.264 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion: 45 Resp: 698556
Ion Ratio Lower Upper
45 100
43 58.5 47.4 71.2
87 26.5 21.9 32.9
59 11.4 9.4 14.2





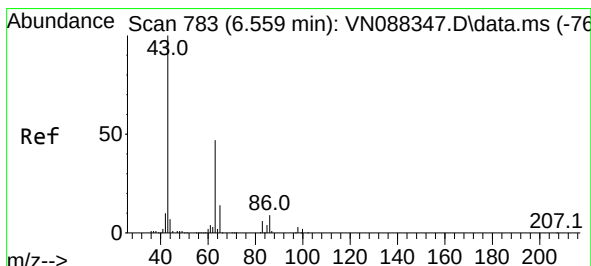
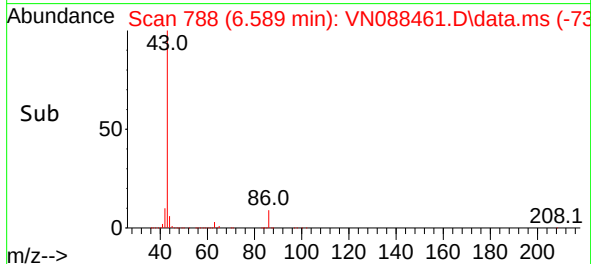
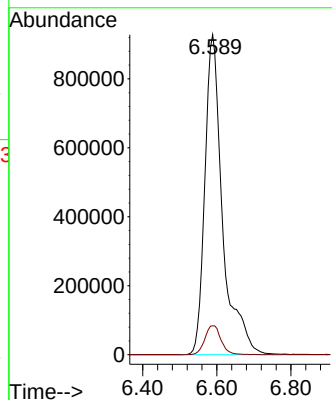
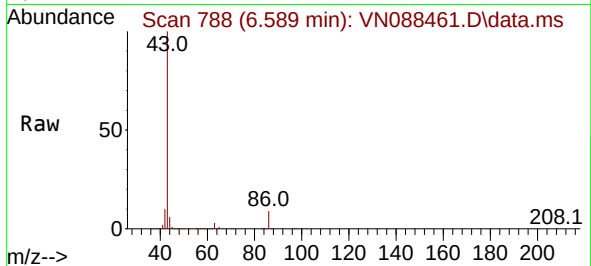
#23
 Vinyl Acetate
 Concen: 302.644 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 308215
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8

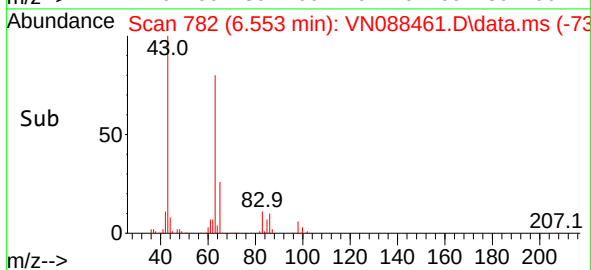
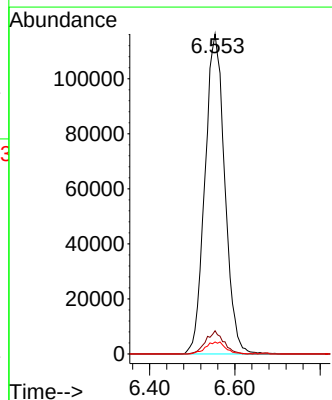
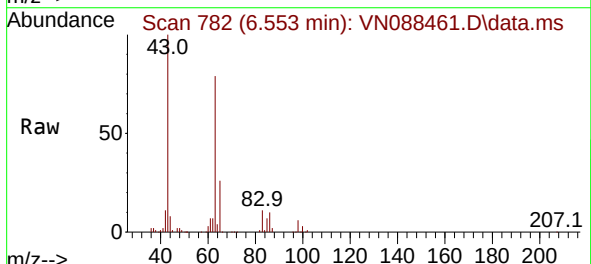
Manual Integrations
 APPROVED

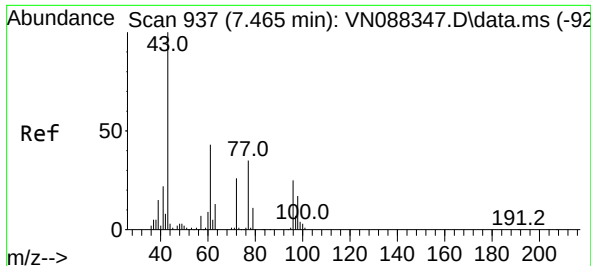
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#24
 1,1-Dichloroethane
 Concen: 52.393 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

Tgt Ion: 63 Resp: 375038
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 3.7 1.9 5.7





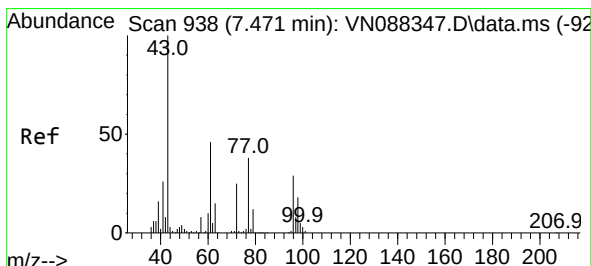
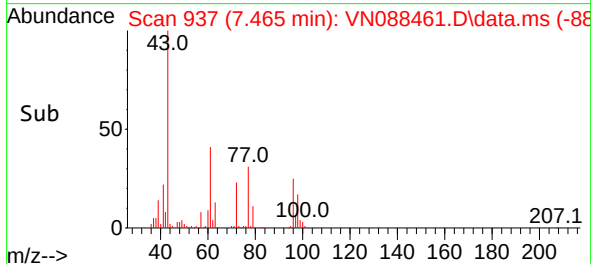
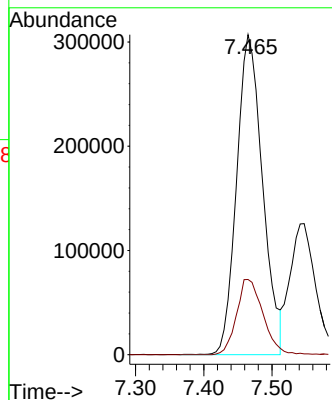
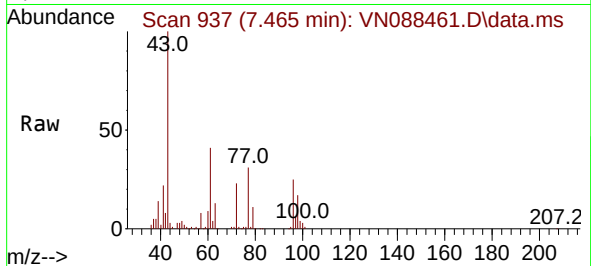
#25
2-Butanone
Concen: 282.726 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 81075
Ion Ratio Lower Upper
43 100
72 23.5 20.5 30.7

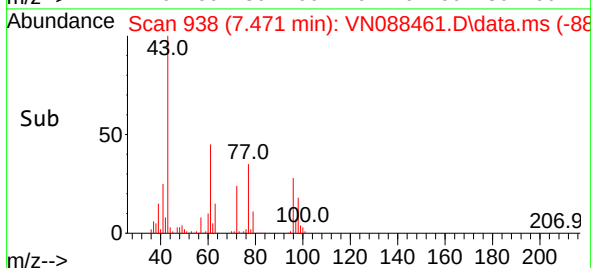
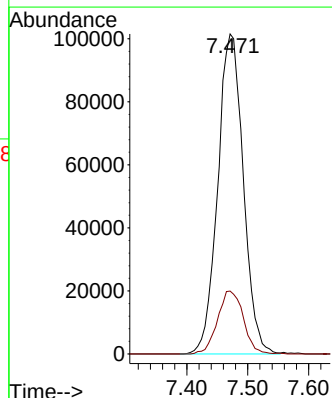
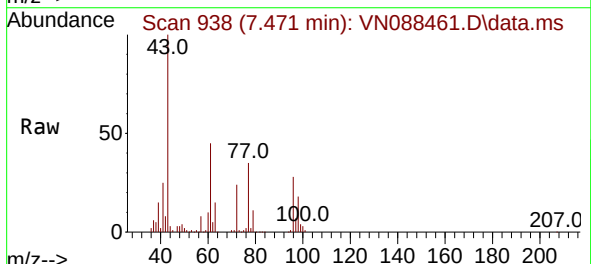
Manual Integrations
APPROVED

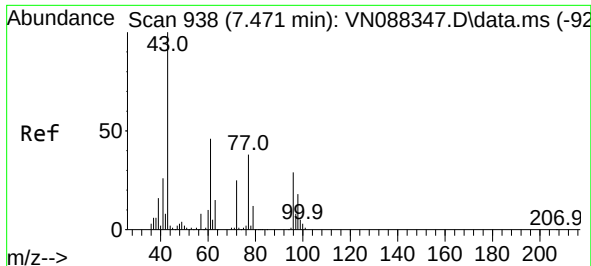
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#26
2,2-Dichloropropane
Concen: 47.884 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

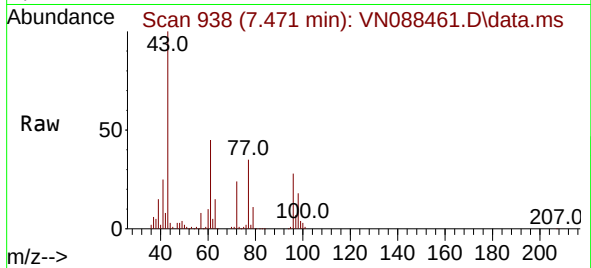
Tgt Ion: 77 Resp: 295862
Ion Ratio Lower Upper
77 100
97 19.8 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.284 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

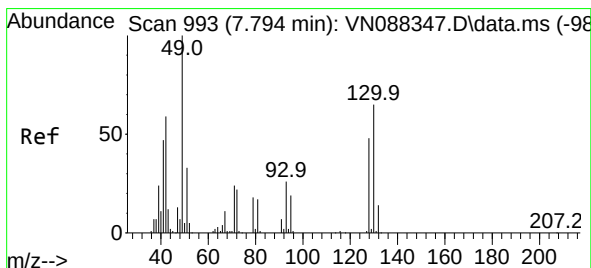
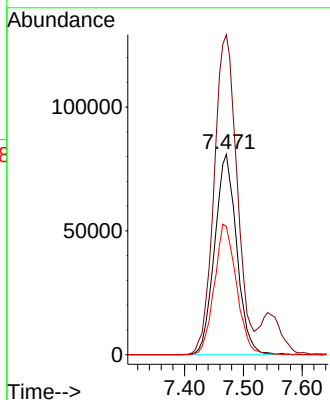
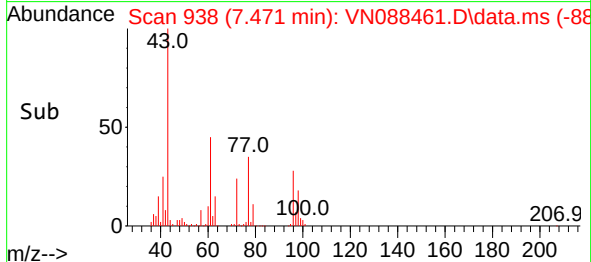
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 21090
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 323.6
 98 65.3 0.0 127.2

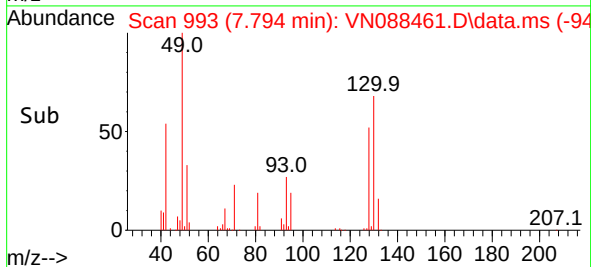
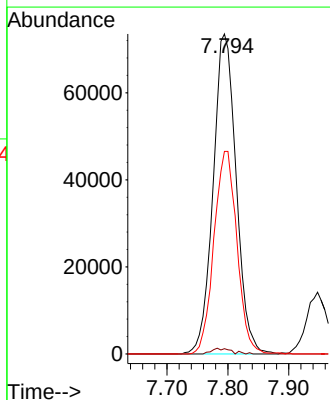
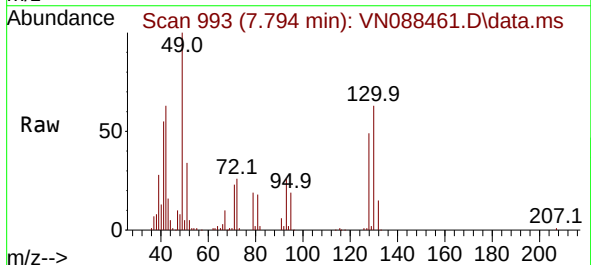
Manual Integrations
 APPROVED

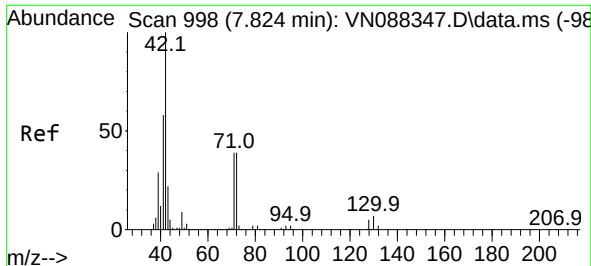
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#28
 Bromochloromethane
 Concen: 54.286 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

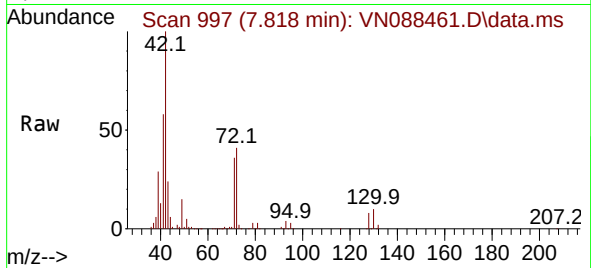
Tgt Ion: 49 Resp: 193580
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 63.1 51.1 76.7





#29
Tetrahydrofuran
Concen: 264.661 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

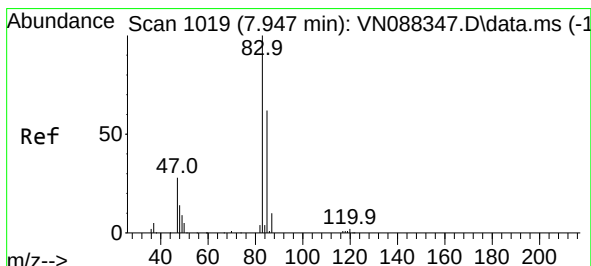
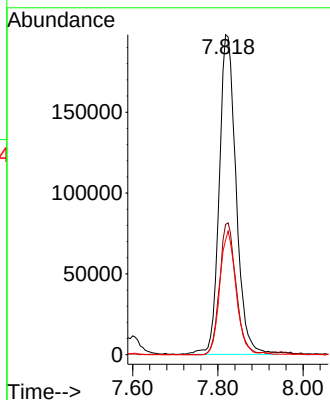
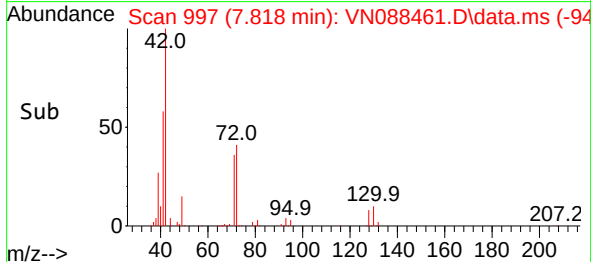
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 544375
Ion Ratio Lower Upper
42 100
72 40.4 32.2 48.4
71 37.2 31.1 46.7

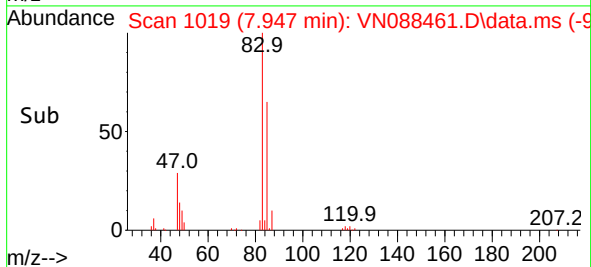
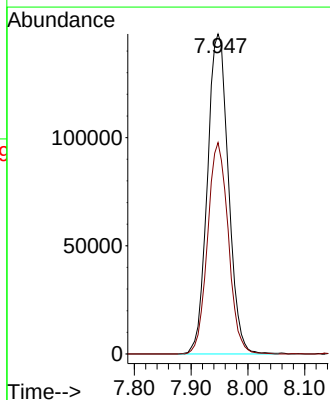
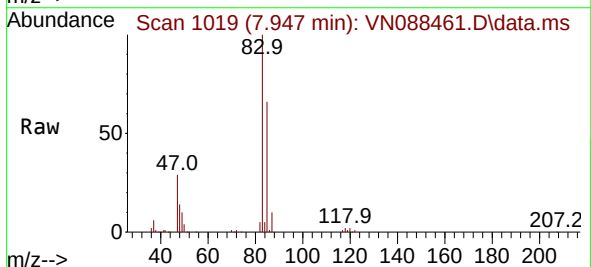
Manual Integrations
APPROVED

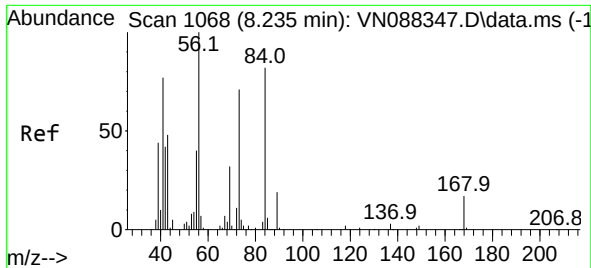
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#30
Chloroform
Concen: 53.924 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

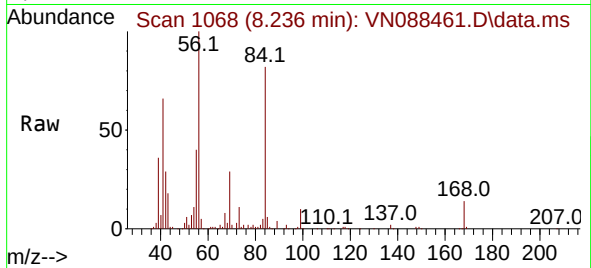
Tgt Ion: 83 Resp: 379288
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.8





#31
Cyclohexane
Concen: 45.136 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

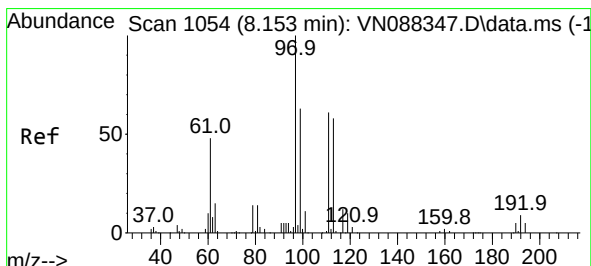
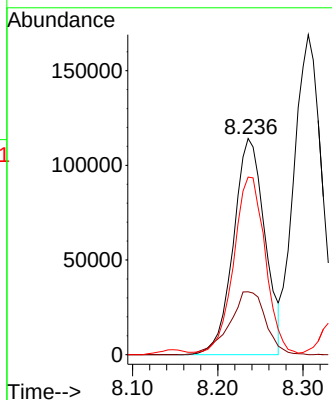
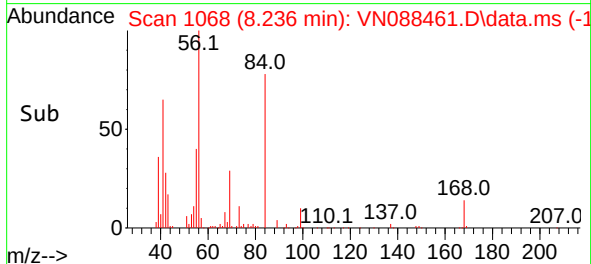
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



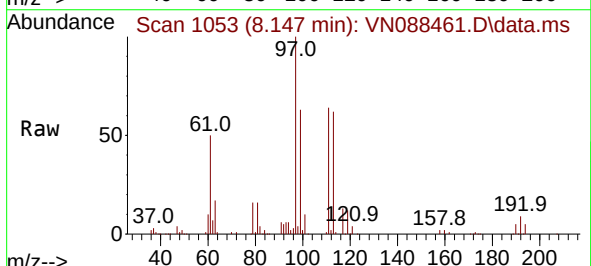
Tgt Ion: 56 Resp: 292790
Ion Ratio Lower Upper
56 100
69 29.1 25.3 37.9
84 80.0 65.4 98.2

Manual Integrations
APPROVED

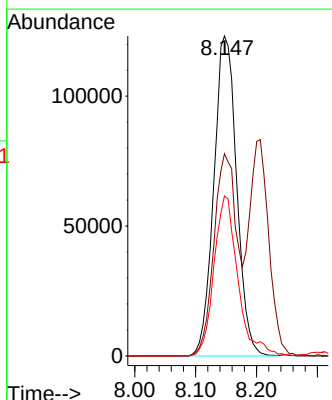
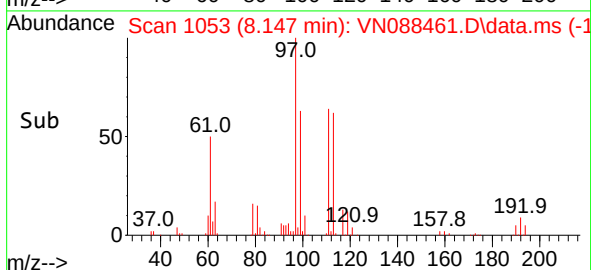
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

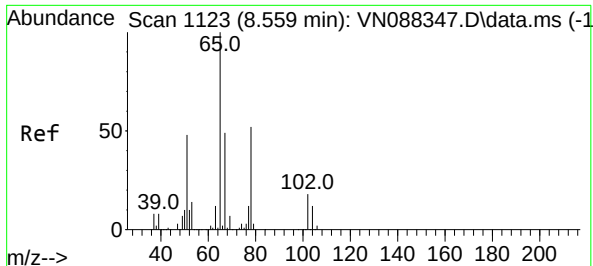


#32
1,1,1-Trichloroethane
Concen: 51.886 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



Tgt Ion: 97 Resp: 320889
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 52.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 58.616 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 28911

Ion Ratio Lower Upper

65 100

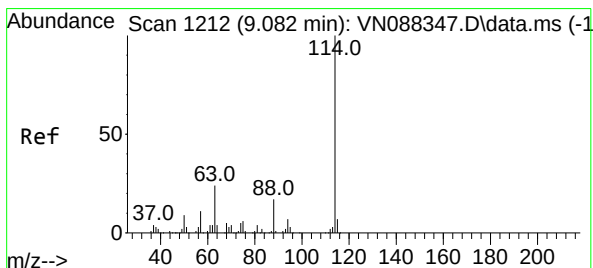
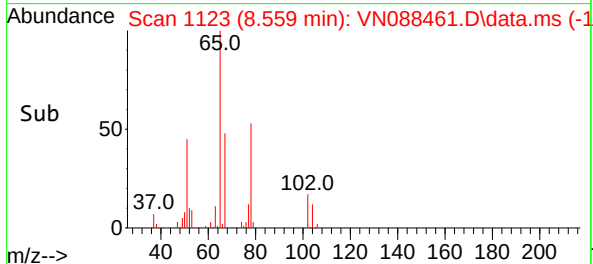
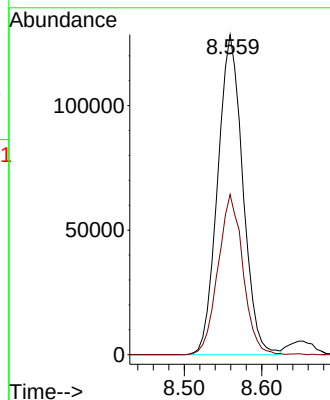
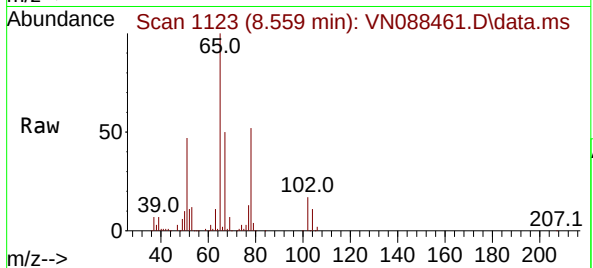
67 49.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

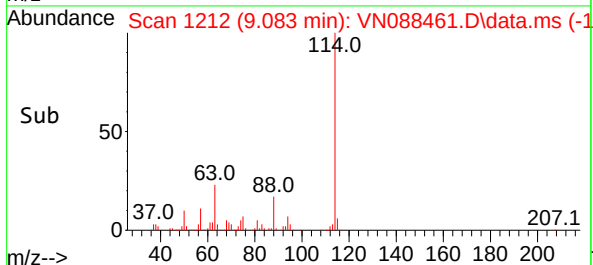
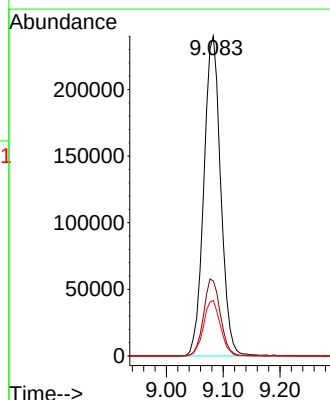
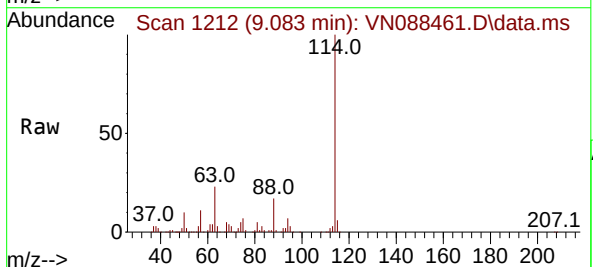
Tgt Ion:114 Resp: 494580

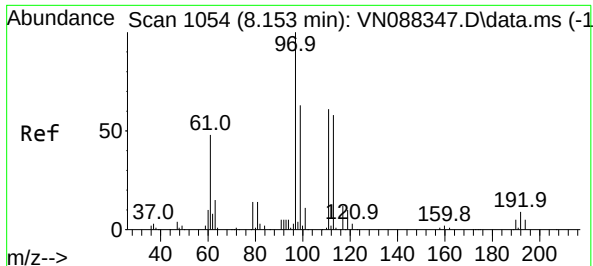
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.0

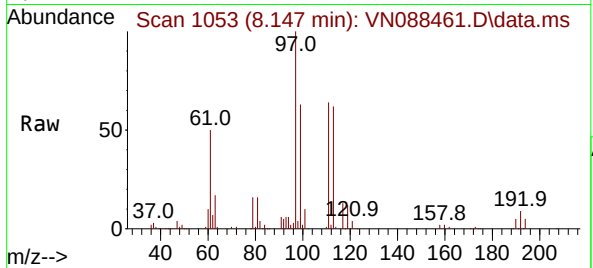
88 17.3 0.0 34.0





#35
Dibromofluoromethane
Concen: 54.871 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

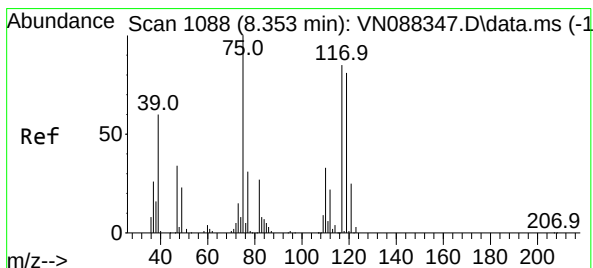
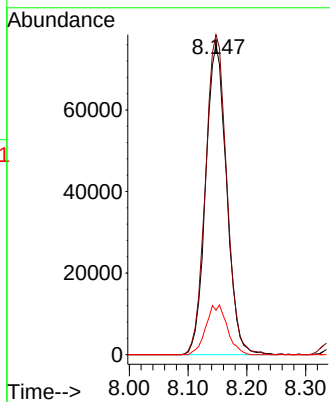
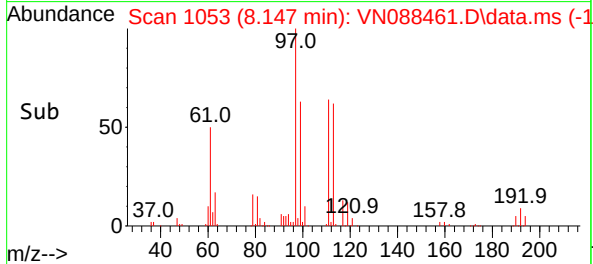
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 18806
Ion Ratio Lower Upper
113 100
111 104.6 82.5 123.7
192 16.5 12.8 19.2

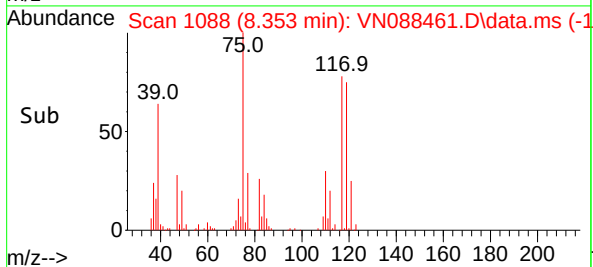
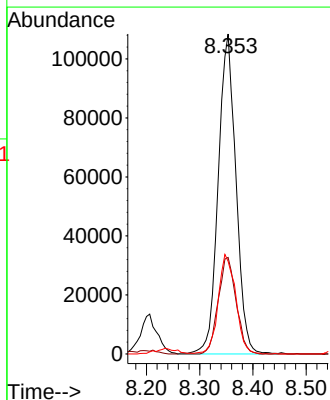
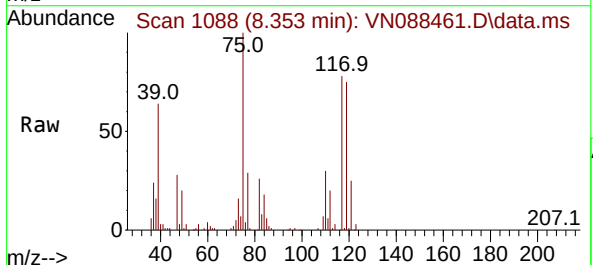
Manual Integrations
APPROVED

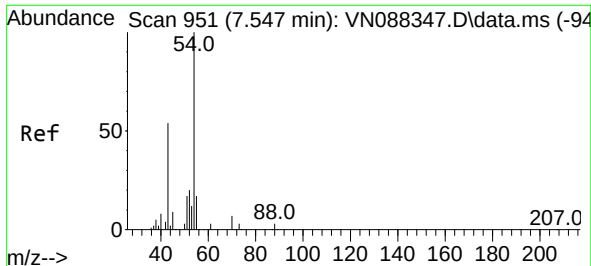
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#36
1,1-Dichloropropene
Concen: 47.394 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion: 75 Resp: 250698
Ion Ratio Lower Upper
75 100
110 30.5 15.8 47.4
77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 48.963 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088461.D

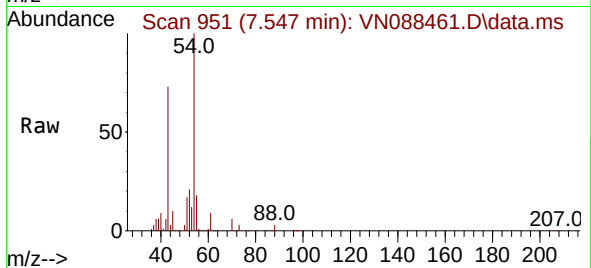
Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 340548

Ion Ratio Lower Upper

43 100

61 11.3 9.5 14.3

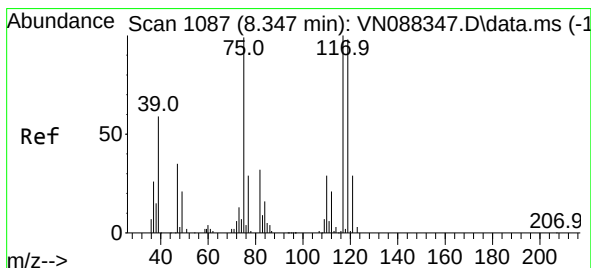
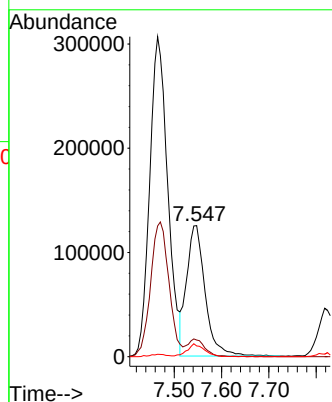
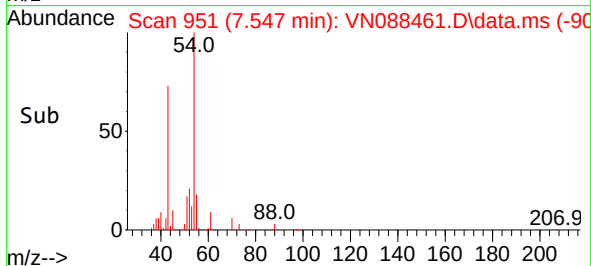
70 8.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#38

Carbon Tetrachloride

Concen: 50.284 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

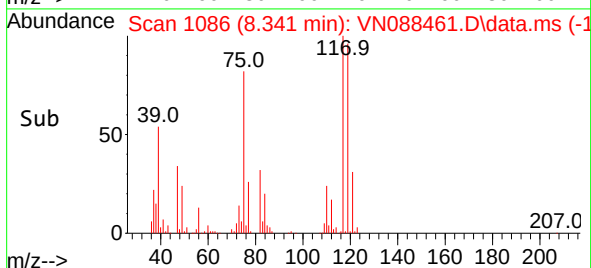
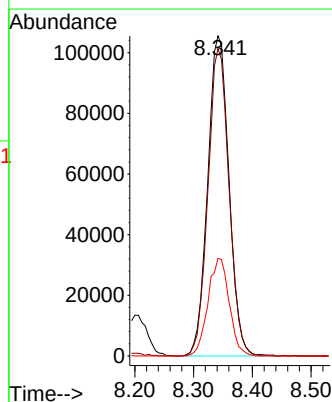
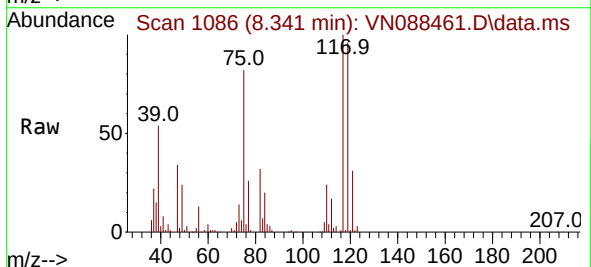
Tgt Ion:117 Resp: 264780

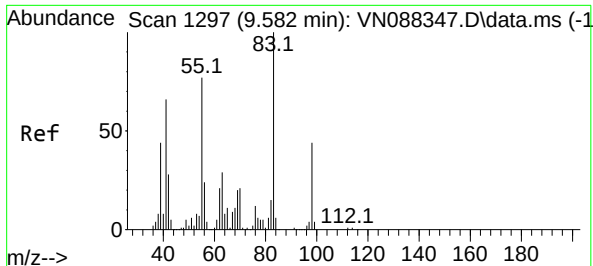
Ion Ratio Lower Upper

117 100

119 96.0 78.2 117.4

121 30.5 23.4 35.2





#39

Methylcyclohexane

Concen: 43.914 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 248462

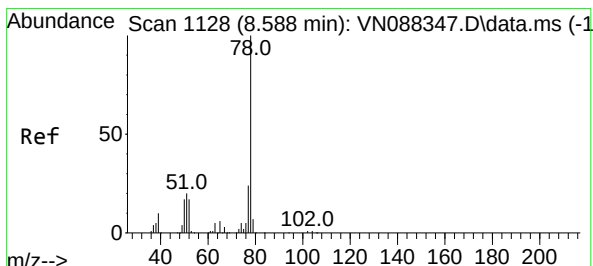
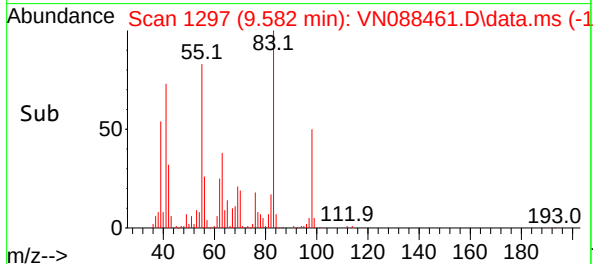
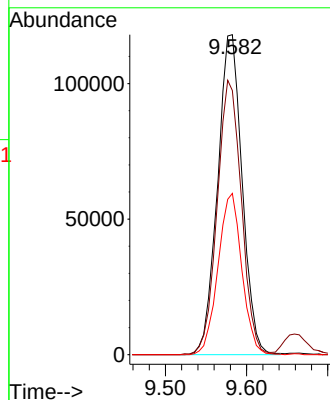
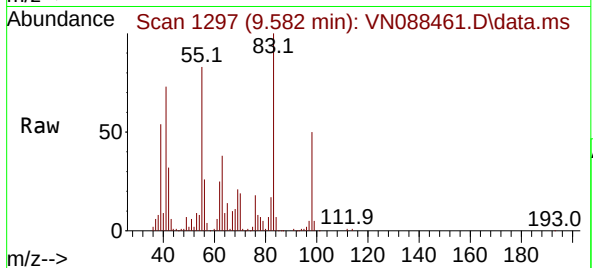
Ion	Ratio	Lower	Upper
83	100		
55	82.6	61.6	92.4
98	50.4	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#40

Benzene

Concen: 48.998 ug/l

RT: 8.588 min Scan# 1128

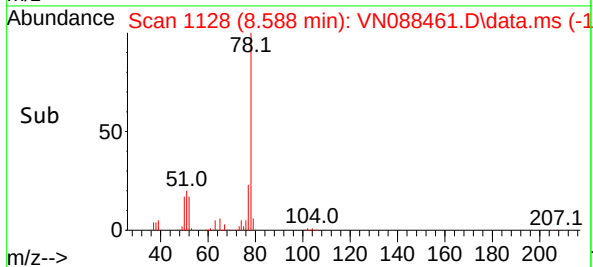
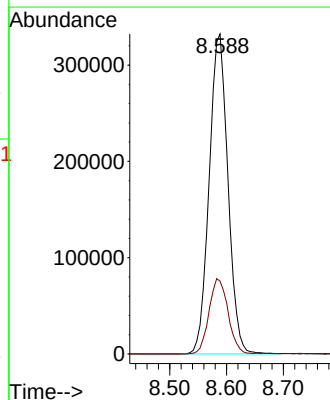
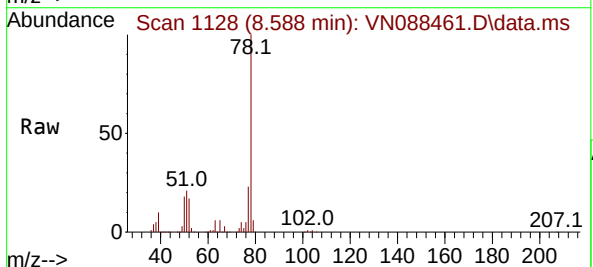
Delta R.T. 0.000 min

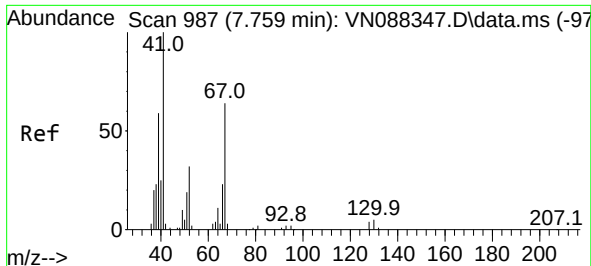
Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Tgt Ion: 78 Resp: 760689

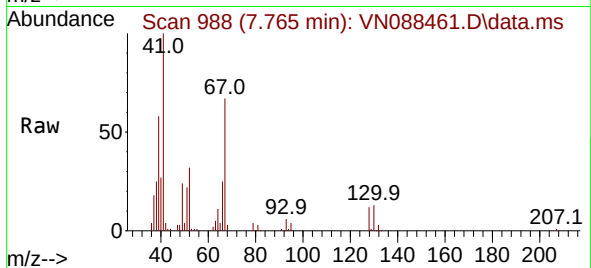
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





#41
Methacrylonitrile
Concen: 51.537 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

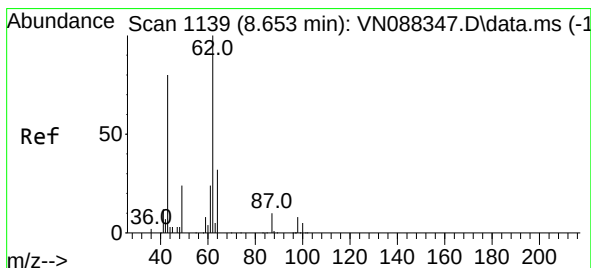
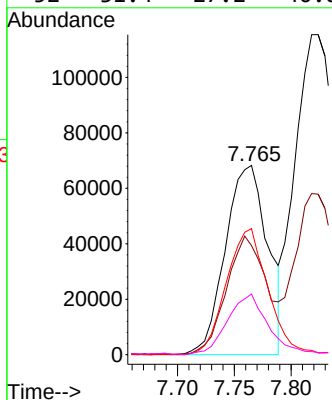
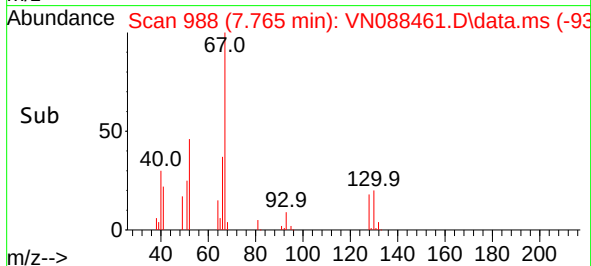
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 17753
Ion Ratio Lower Upper
41 100
39 59.5 46.3 69.5
67 65.7 54.7 82.1
52 31.4 27.2 40.8

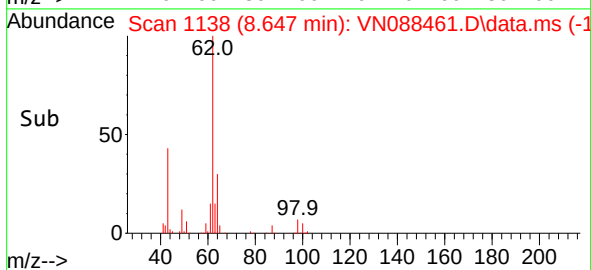
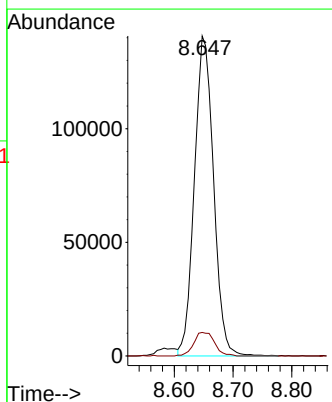
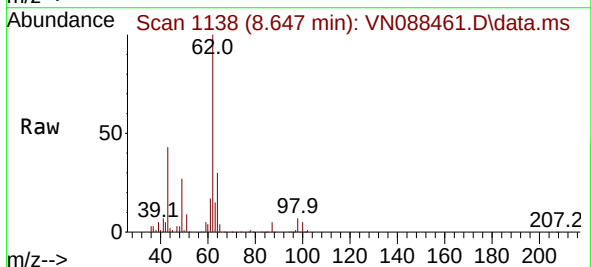
Manual Integrations
APPROVED

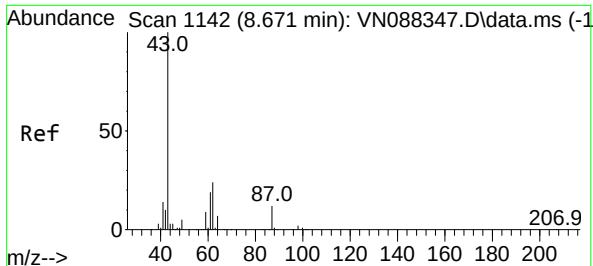
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#42
1,2-Dichloroethane
Concen: 53.812 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion: 62 Resp: 318738
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.2





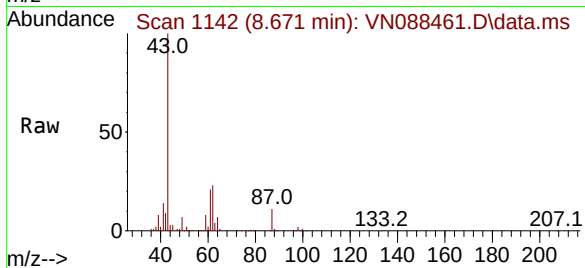
#43
Isopropyl Acetate
Concen: 51.423 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



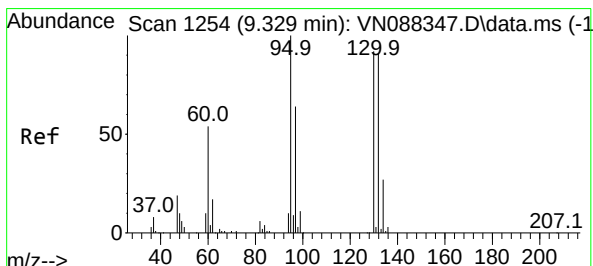
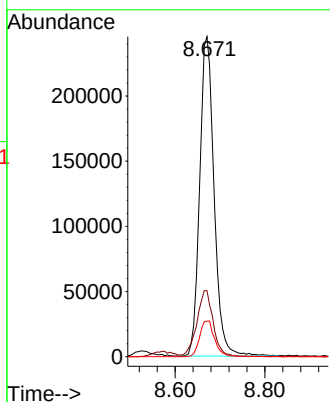
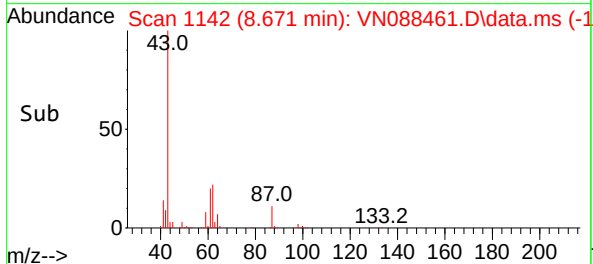
Tgt Ion: 43 Resp: 546458
Ion Ratio Lower Upper
43 100
61 23.1 18.7 28.1
87 11.7 9.1 13.7

Manual Integrations

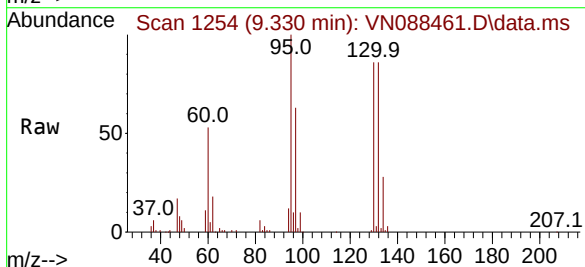
APPROVED

Reviewed By :John Carlone 12/05/2025

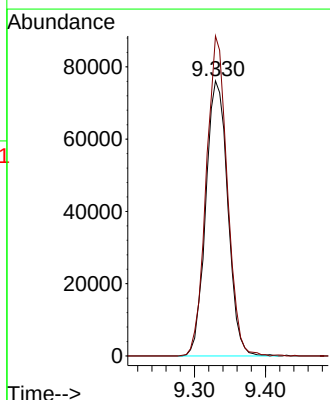
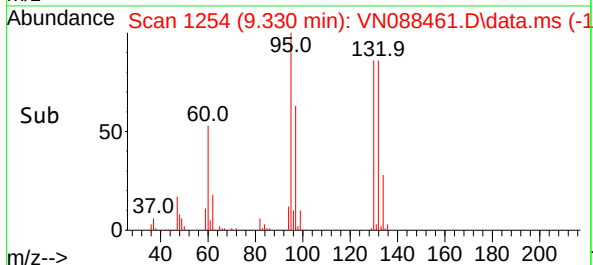
Supervised By :Semsettin Yesilyurt 12/05/2025

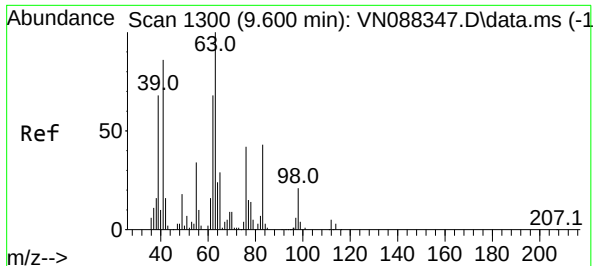


#44
Trichloroethene
Concen: 44.581 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



Tgt Ion:130 Resp: 163538
Ion Ratio Lower Upper
130 100
95 116.3 0.0 217.0





#45

1,2-Dichloropropane

Concen: 50.730 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20178

Ion Ratio Lower Upper

63 100

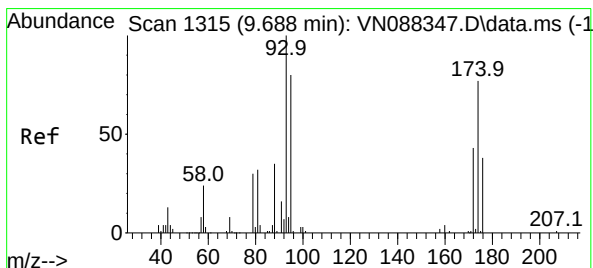
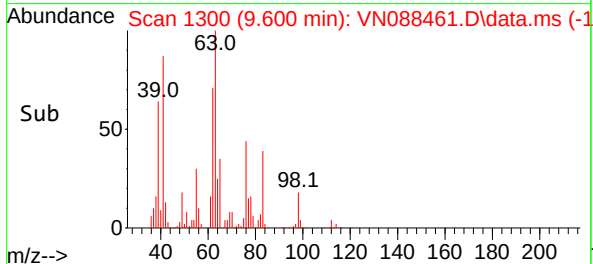
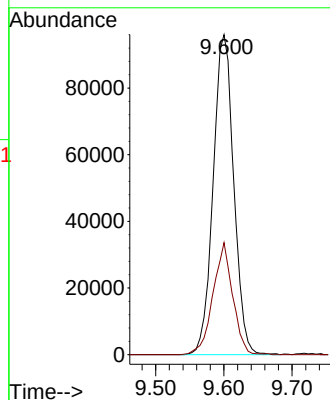
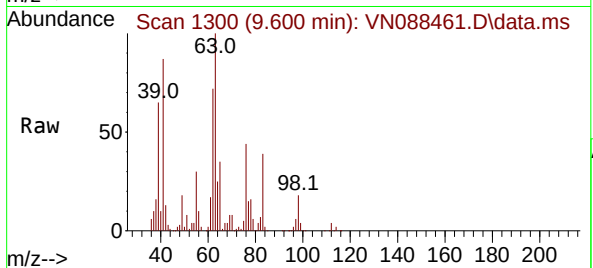
65 35.0 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#46

Dibromomethane

Concen: 51.748 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

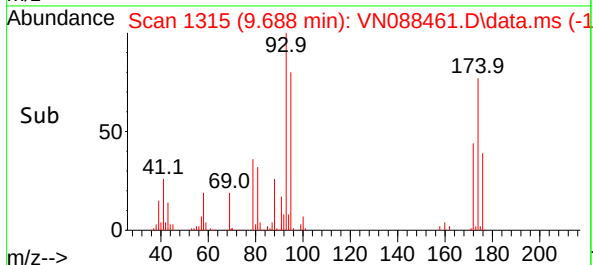
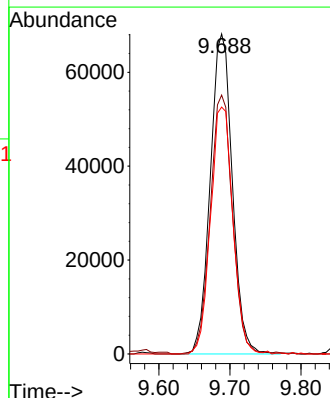
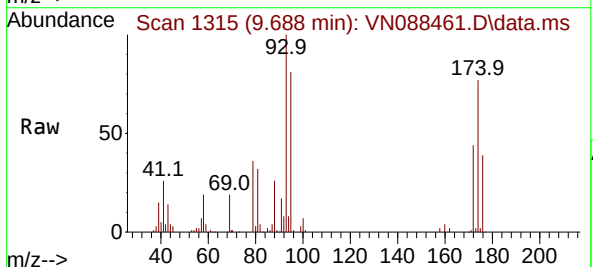
Tgt Ion: 93 Resp: 146897

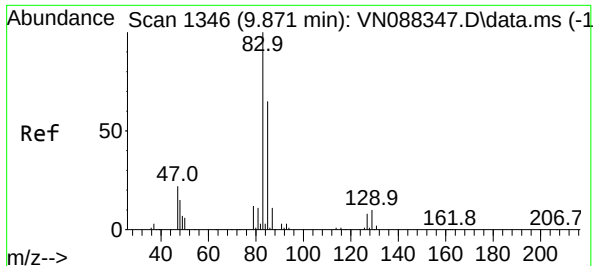
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

174 78.3 64.3 96.5





#47

Bromodichloromethane

Concen: 52.288 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 302850

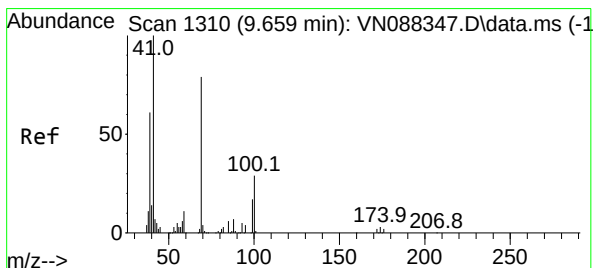
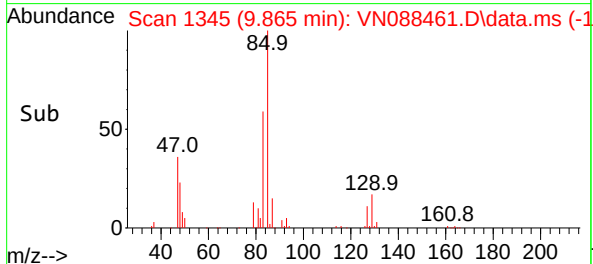
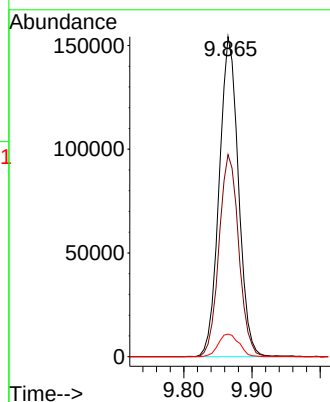
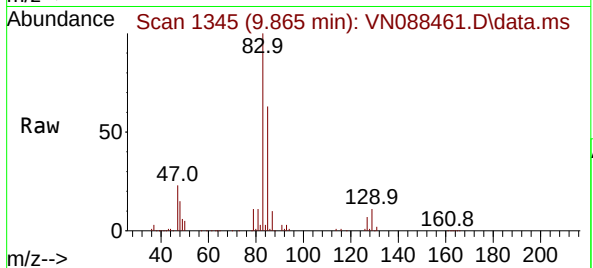
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9
127	7.0	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#48

Methyl methacrylate

Concen: 53.560 ug/l

RT: 9.659 min Scan# 1310

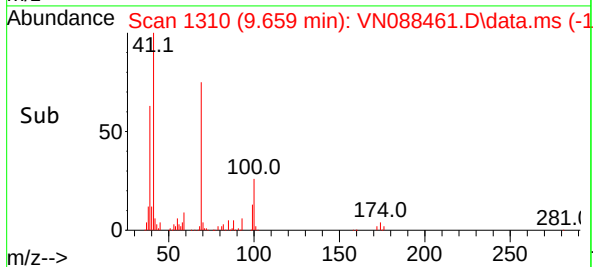
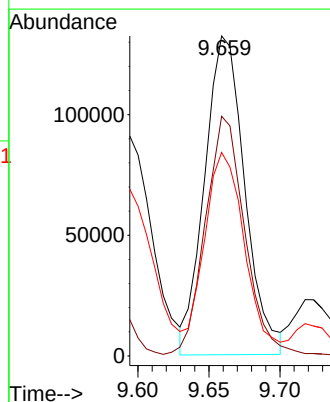
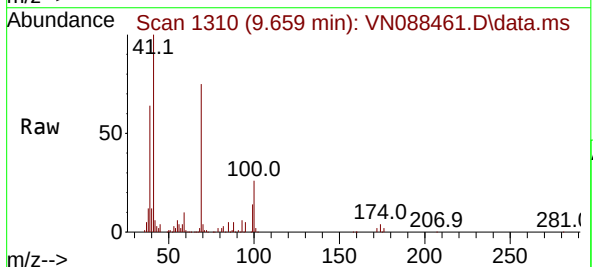
Delta R.T. 0.000 min

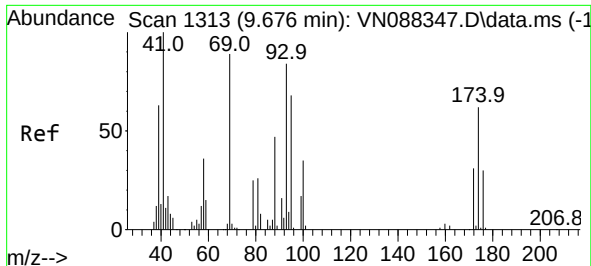
Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Tgt Ion: 41 Resp: 259691

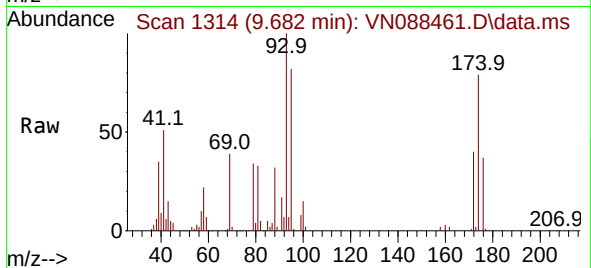
Ion	Ratio	Lower	Upper
41	100		
69	74.0	62.4	93.6
39	64.0	52.6	79.0





#49
1,4-Dioxane
Concen: 809.985 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

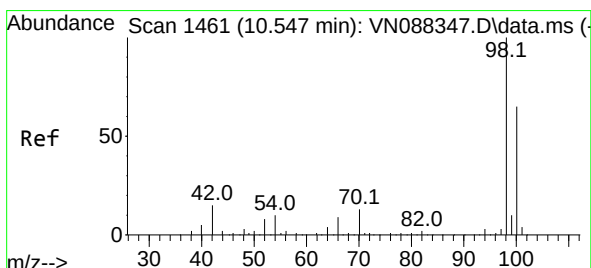
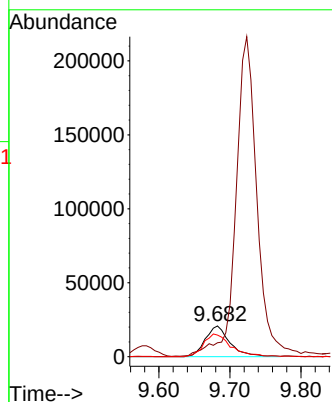
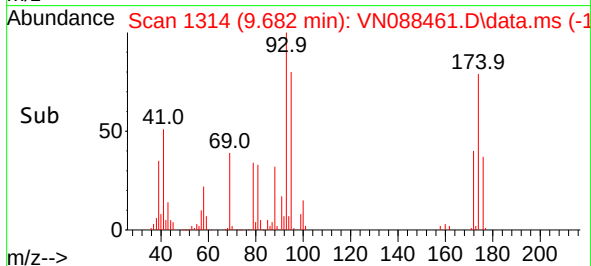
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4994
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 82.3 62.0 93.0

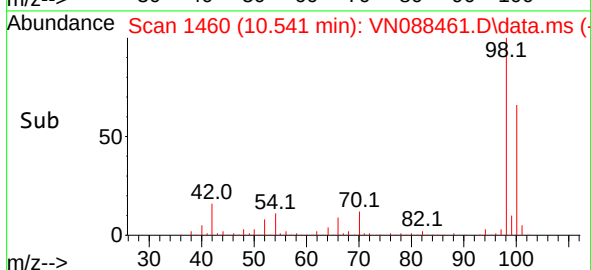
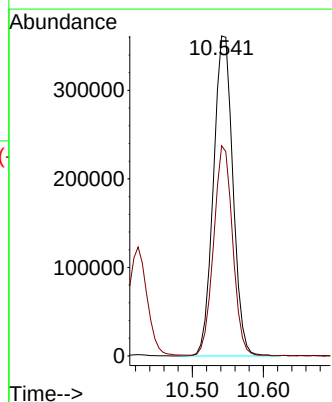
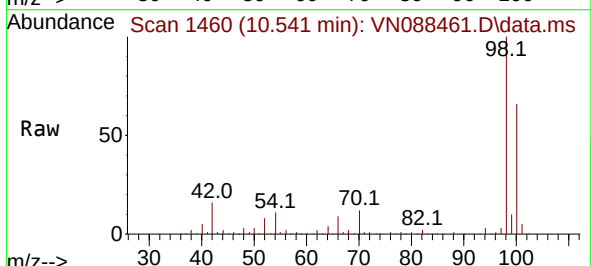
Manual Integrations
APPROVED

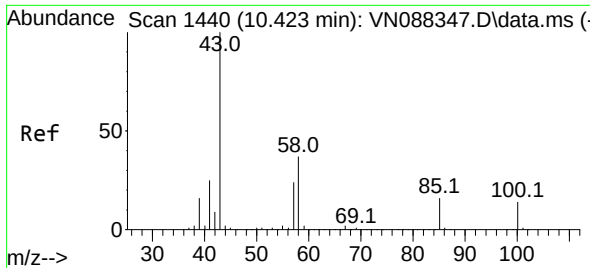
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#50
Toluene-d8
Concen: 53.920 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

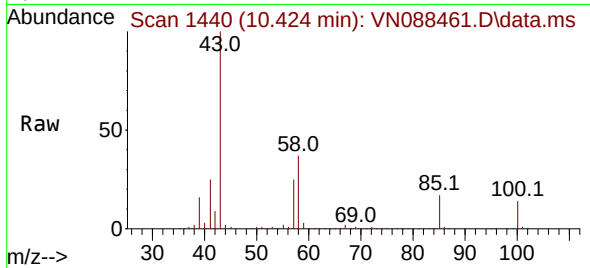
Tgt Ion: 98 Resp: 687619
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 266.144 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

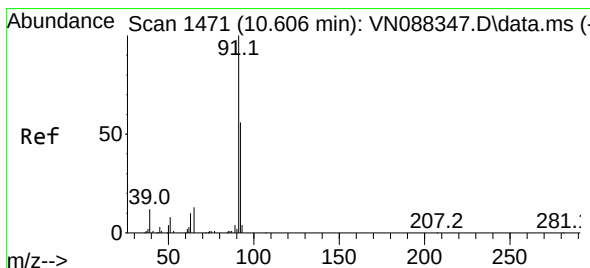
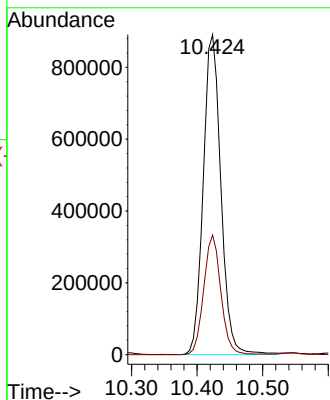
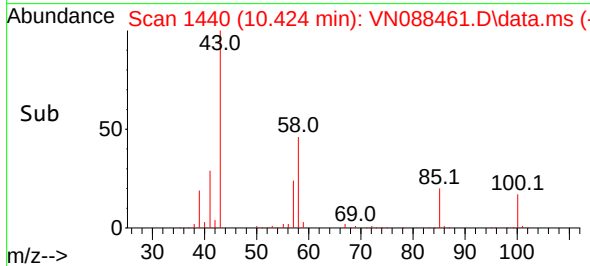
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1667049
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7

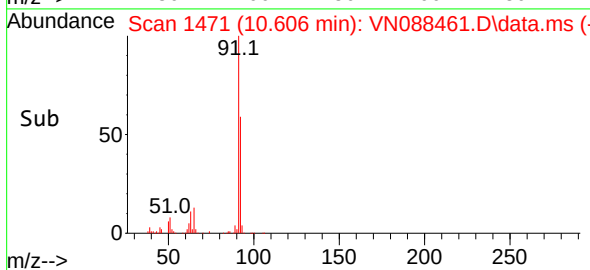
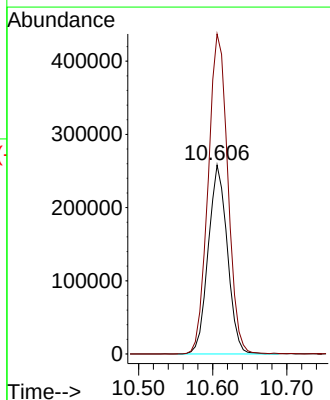
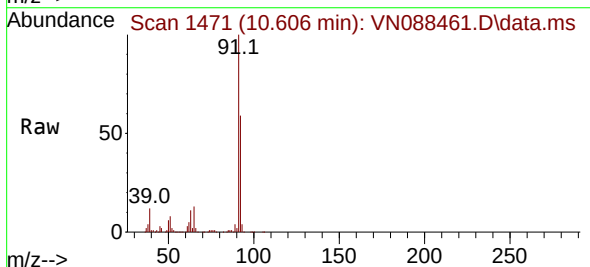
Manual Integrations
APPROVED

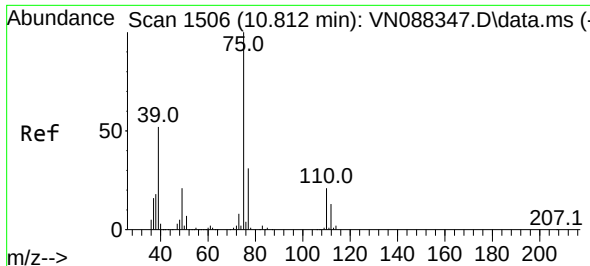
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#52
Toluene
Concen: 51.582 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

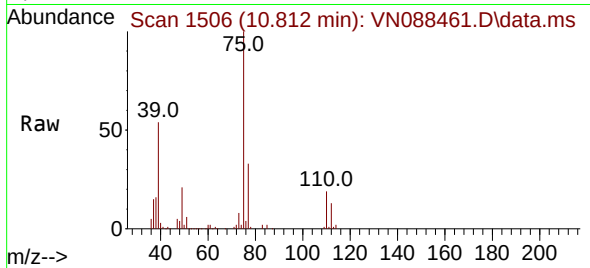
Tgt Ion: 92 Resp: 462408
Ion Ratio Lower Upper
92 100
91 174.7 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 51.537 ug/l
RT: 10.812 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

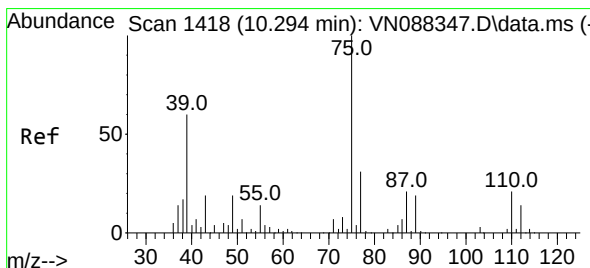
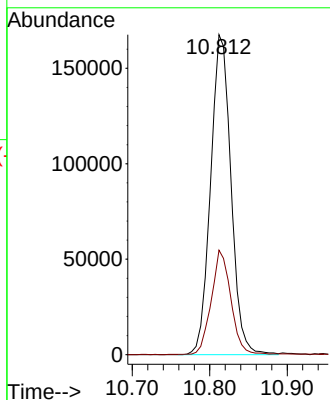
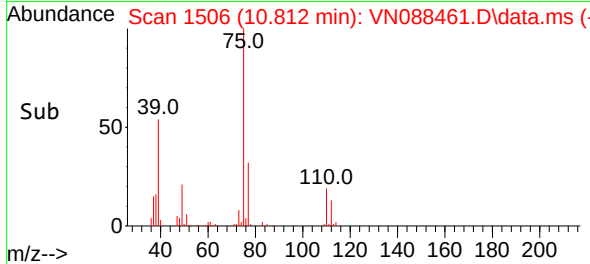
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 306402
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2

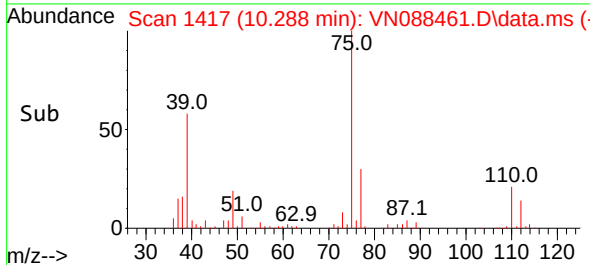
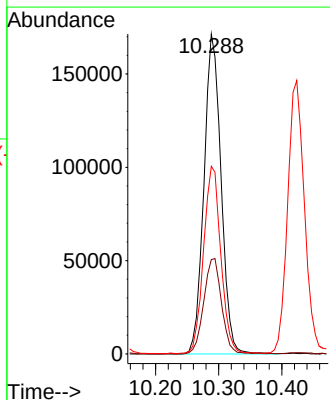
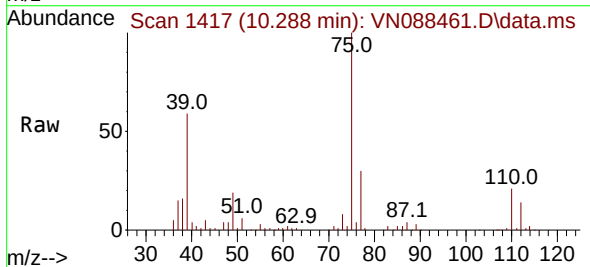
Manual Integrations
APPROVED

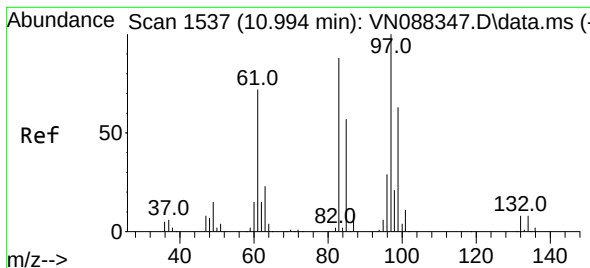
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#54
cis-1,3-Dichloropropene
Concen: 51.632 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

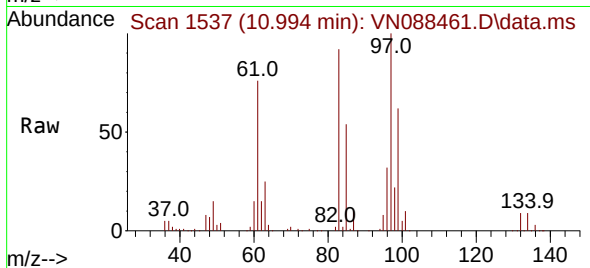
Tgt Ion: 75 Resp: 322809
Ion Ratio Lower Upper
75 100
77 29.5 24.5 36.7
39 58.5 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 51.457 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

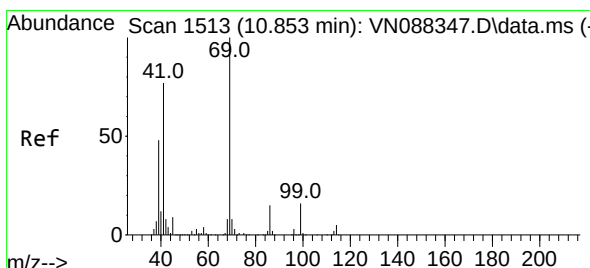
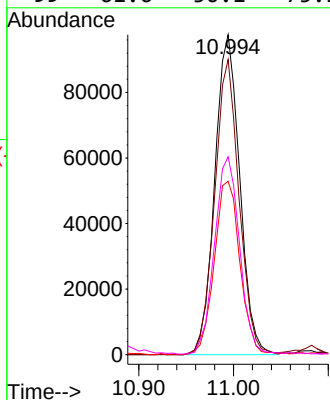
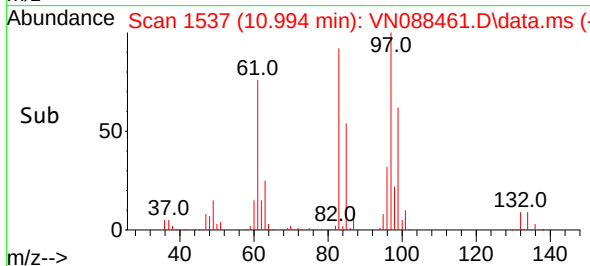
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



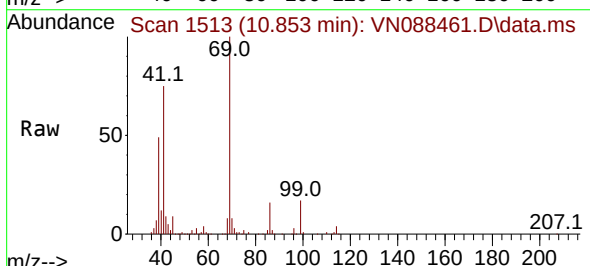
Tgt Ion: 97 Resp: 17847
Ion Ratio Lower Upper
97 100
83 92.2 70.4 105.6
85 54.2 45.4 68.2
99 61.6 50.1 75.1

Manual Integrations
APPROVED

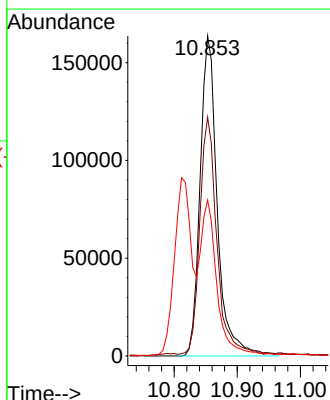
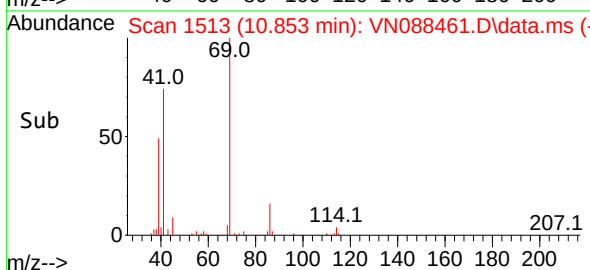
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

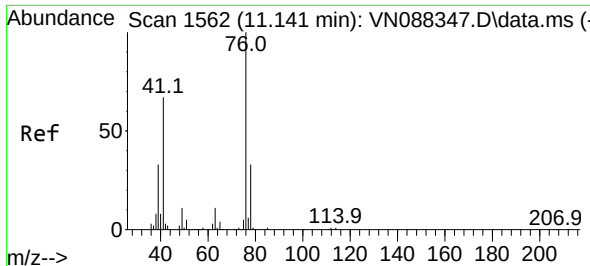


#56
Ethyl methacrylate
Concen: 56.371 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



Tgt Ion: 69 Resp: 308834
Ion Ratio Lower Upper
69 100
41 73.6 59.6 89.4
39 45.0 36.4 54.6





#57

1,3-Dichloropropane

Concen: 52.152 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 32631

Ion Ratio Lower Upper

76 100

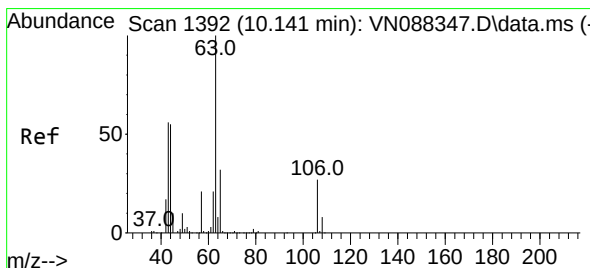
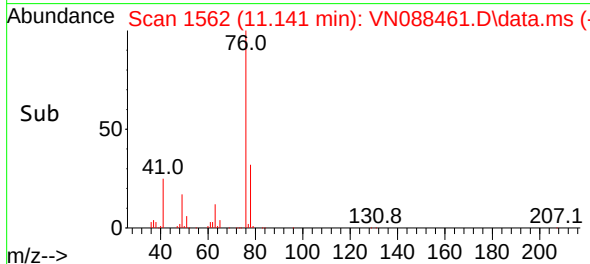
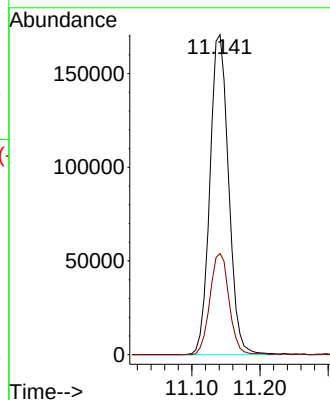
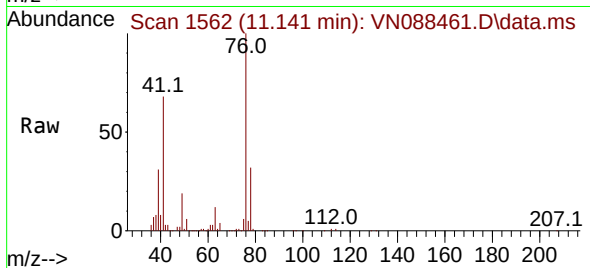
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 279.170 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088461.D

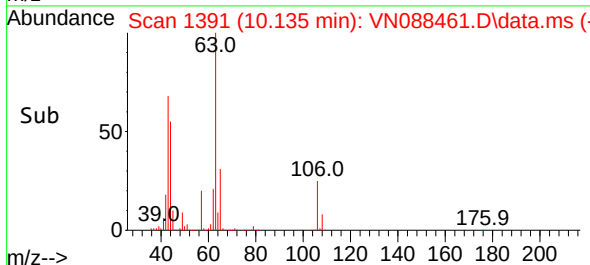
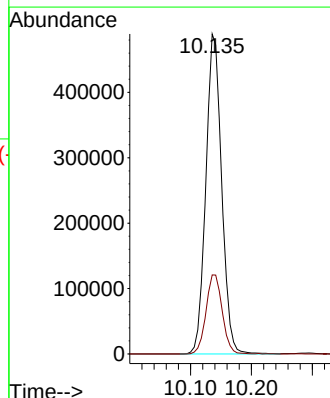
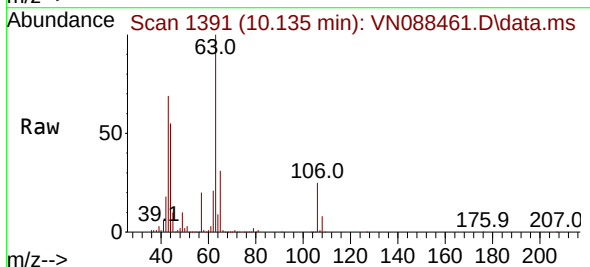
Acq: 04 Dec 2025 20:33

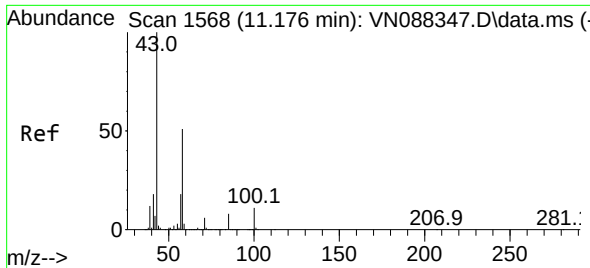
Tgt Ion: 63 Resp: 881762

Ion Ratio Lower Upper

63 100

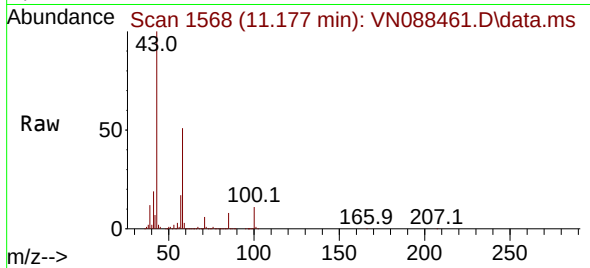
106 25.3 20.5 30.7





#59
2-Hexanone
Concen: 283.261 ug/l
RT: 11.177 min Scan# 1117704
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

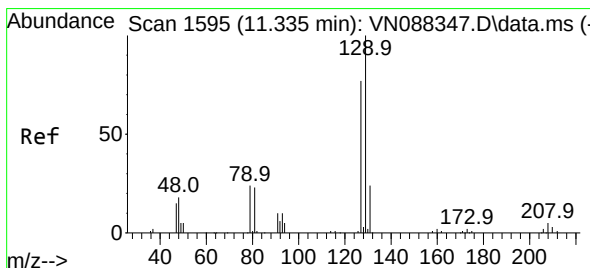
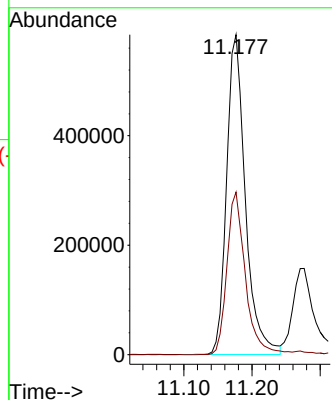
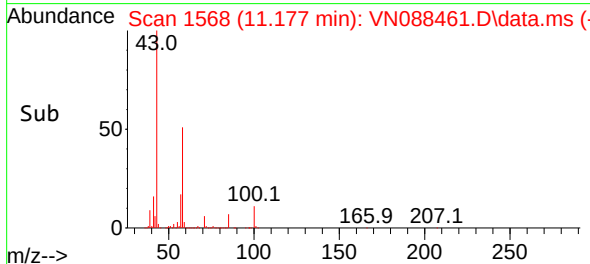
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



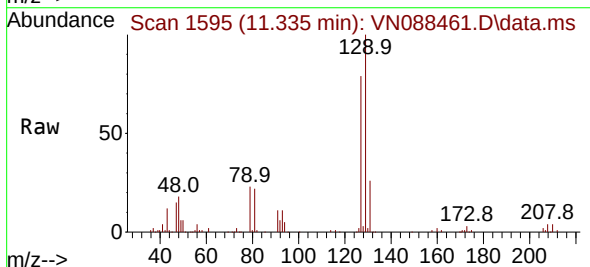
Tgt Ion: 43 Resp: 1117704
Ion Ratio Lower Upper
43 100
58 50.2 25.3 75.9

Manual Integrations
APPROVED

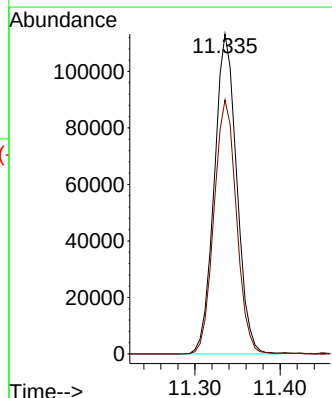
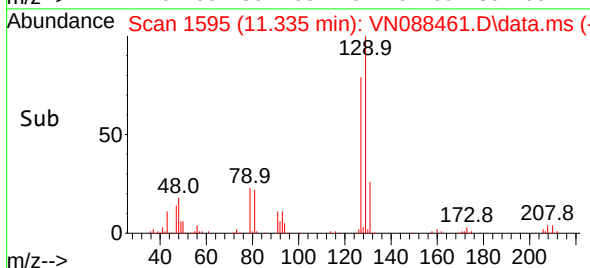
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

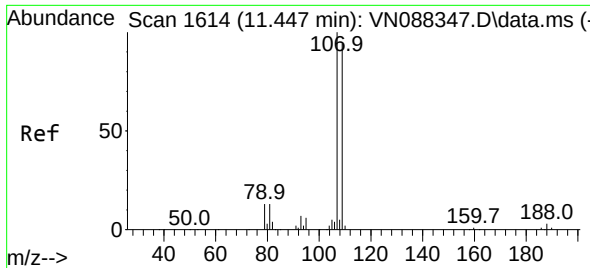


#60
Dibromochloromethane
Concen: 52.368 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



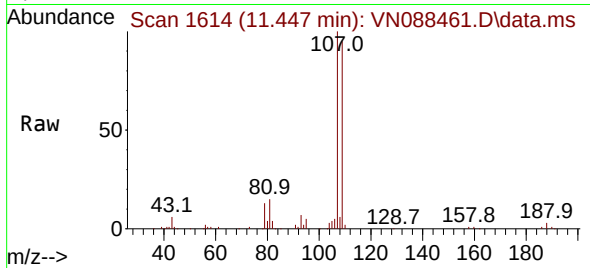
Tgt Ion:129 Resp: 207055
Ion Ratio Lower Upper
129 100
127 79.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 51.054 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

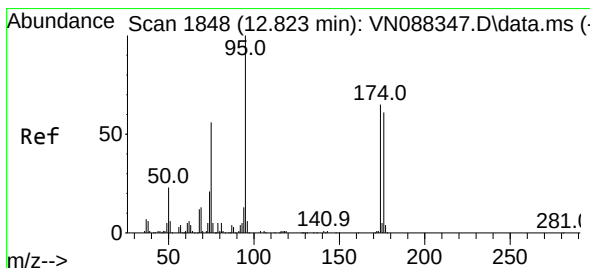
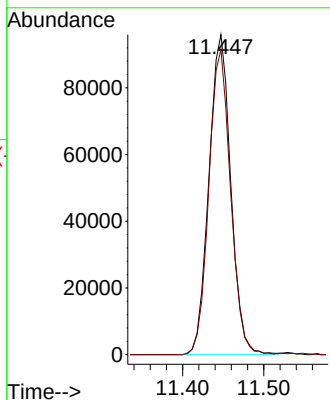
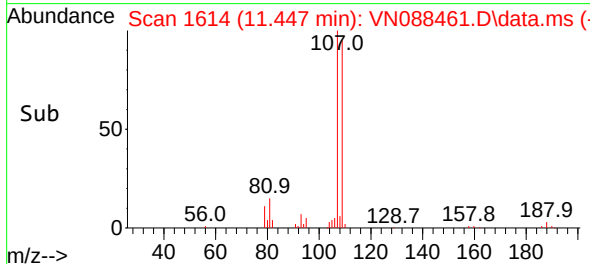
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



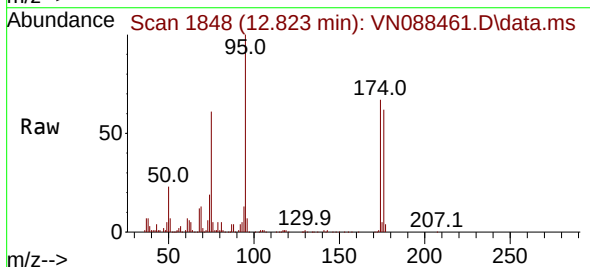
Tgt Ion:107 Resp: 179310
Ion Ratio Lower Upper
107 100
109 94.6 74.6 112.0

Manual Integrations
APPROVED

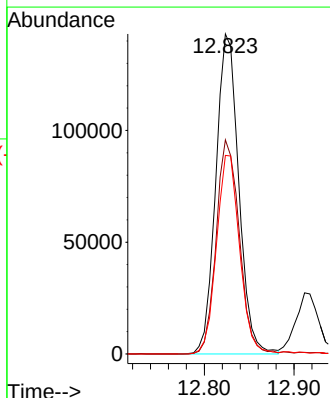
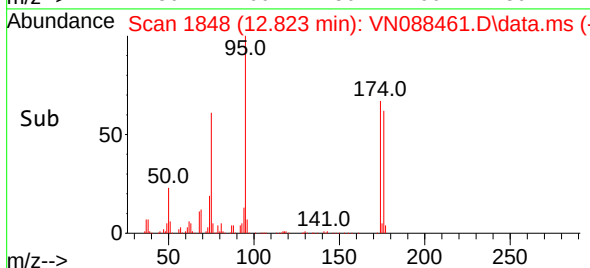
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

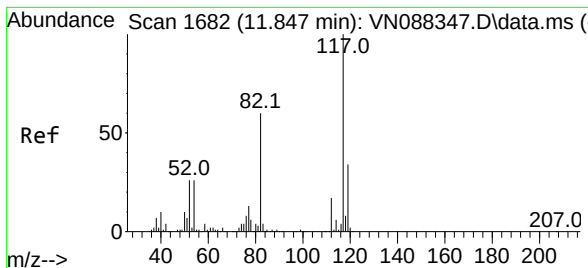


#62
4-Bromofluorobenzene
Concen: 58.123 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



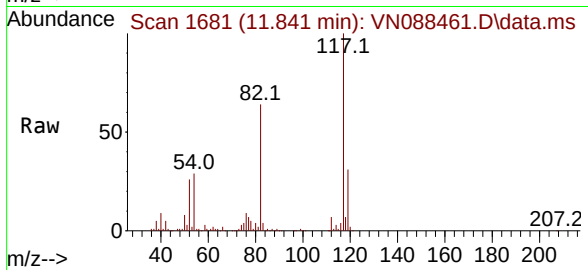
Tgt Ion: 95 Resp: 254326
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 62.6 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

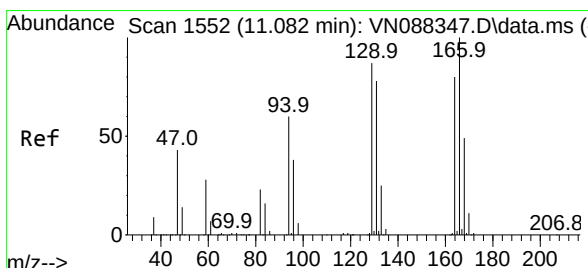
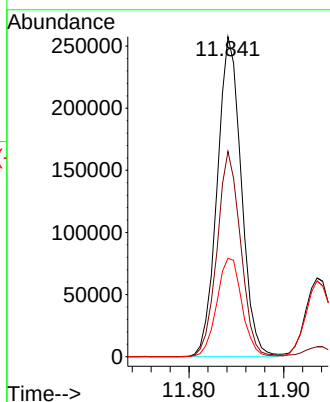
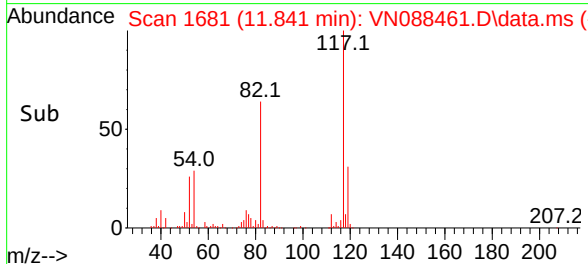
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 455240
Ion Ratio Lower Upper
117 100
82 64.2 47.8 71.8
119 30.7 26.9 40.3

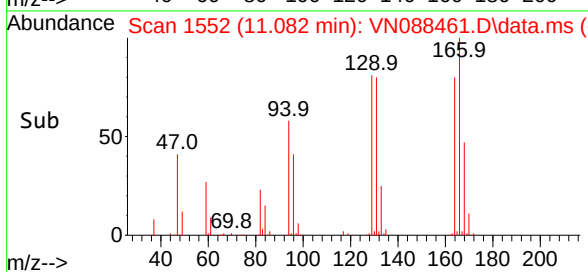
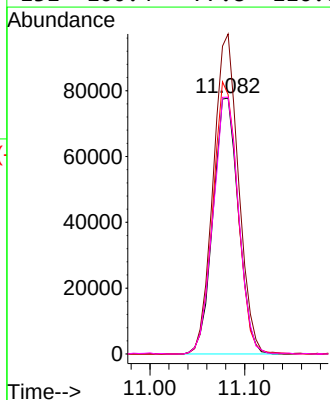
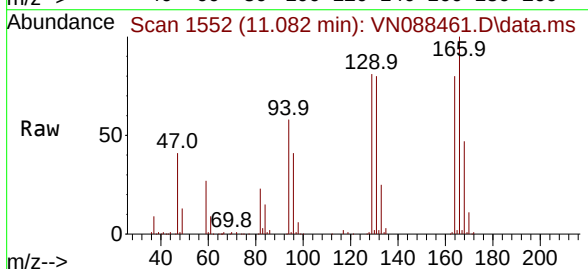
Manual Integrations
APPROVED

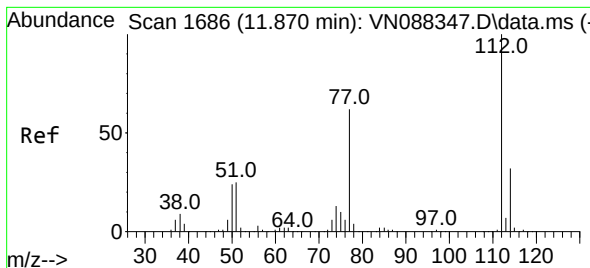
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#64
Tetrachloroethene
Concen: 39.928 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion:164 Resp: 144099
Ion Ratio Lower Upper
164 100
166 125.0 99.6 149.4
129 101.3 86.6 129.8
131 100.4 77.8 116.6





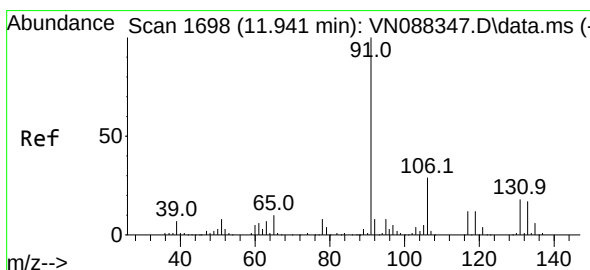
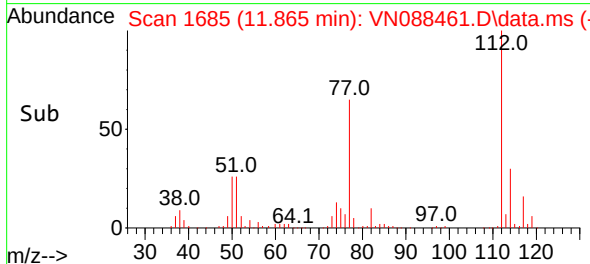
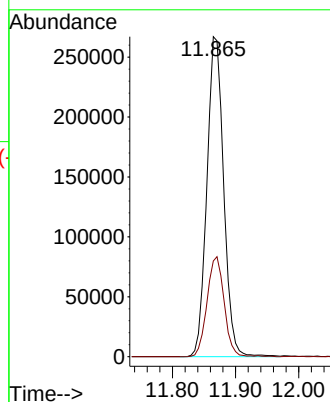
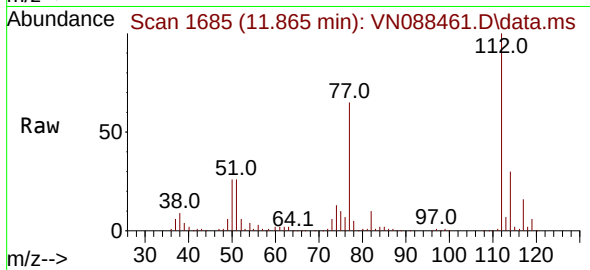
#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 49299
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.2

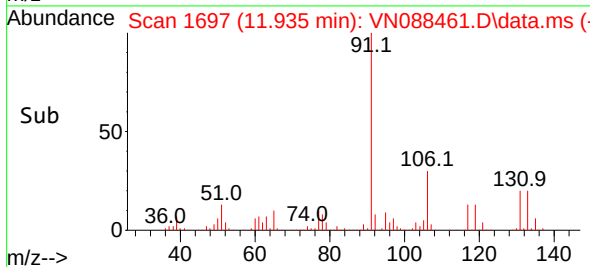
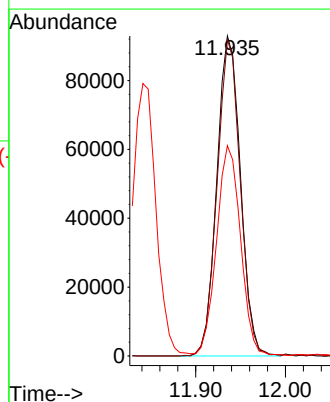
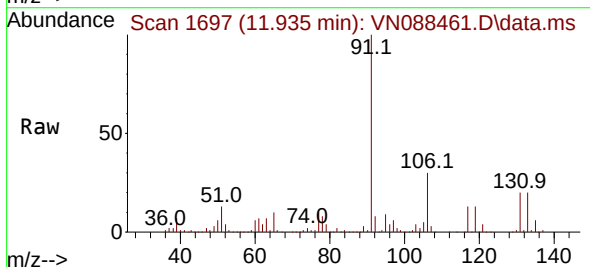
Manual Integrations
APPROVED

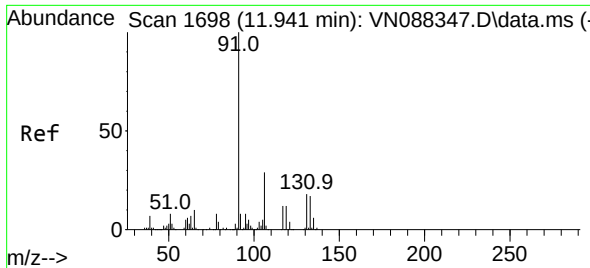
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.267 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

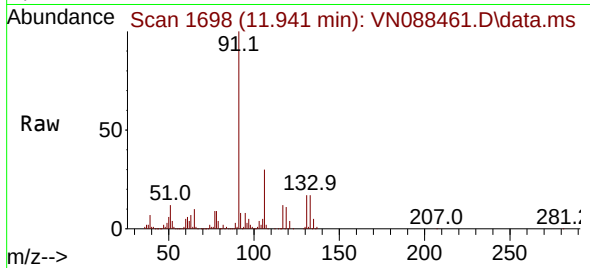
Tgt Ion:131 Resp: 169912
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.2
119 66.6 33.4 100.1





#67
Ethyl Benzene
Concen: 49.232 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

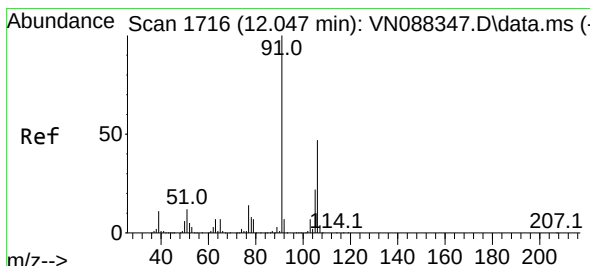
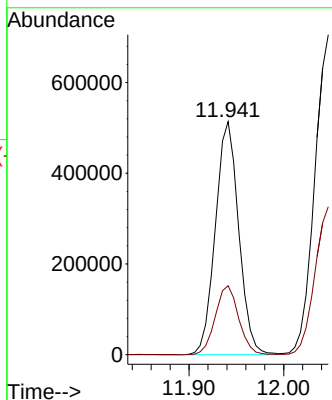
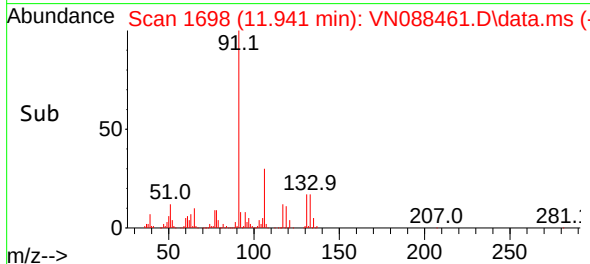
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



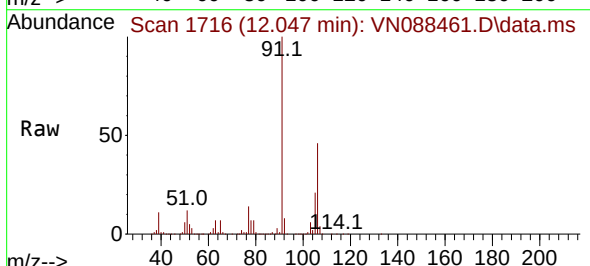
Tgt Ion: 91 Resp: 87988
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4

Manual Integrations
APPROVED

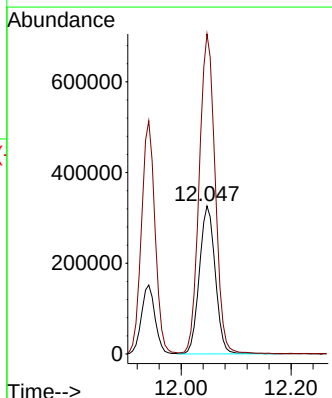
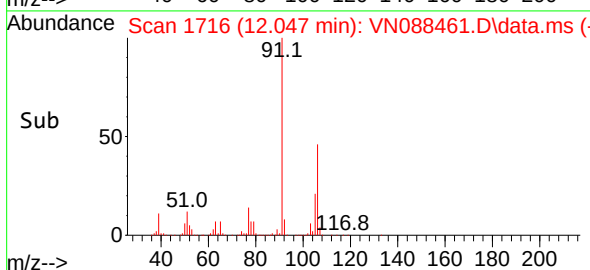
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

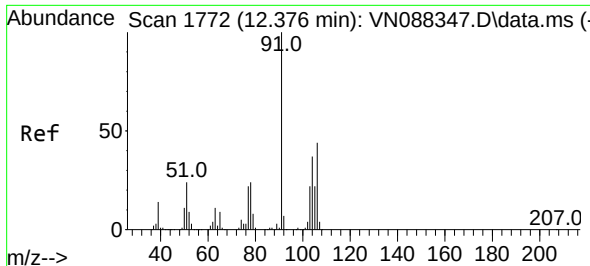


#68
m/p-Xylenes
Concen: 98.557 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



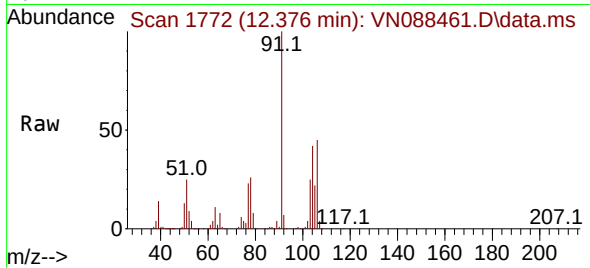
Tgt Ion:106 Resp: 653080
Ion Ratio Lower Upper
106 100
91 217.1 167.8 251.6





#69
o-Xylene
Concen: 49.046 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

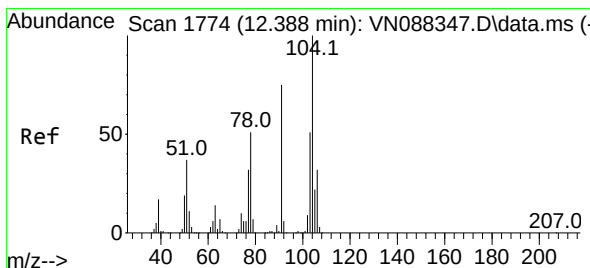
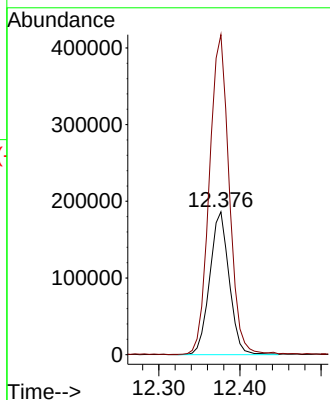
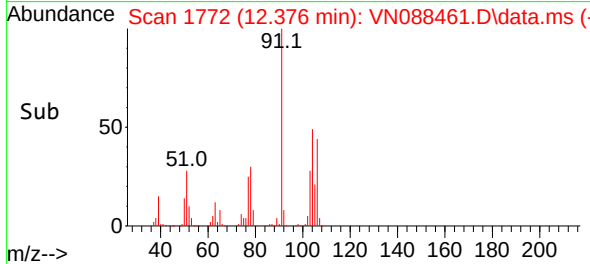
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 30984
Ion Ratio Lower Upper
106 100
91 228.6 112.9 338.7

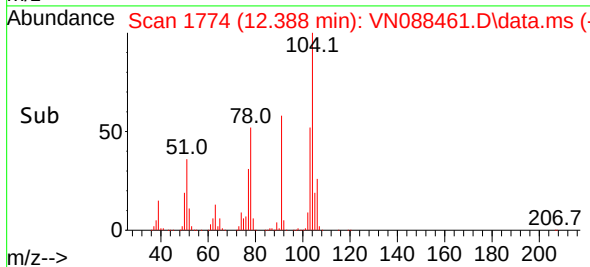
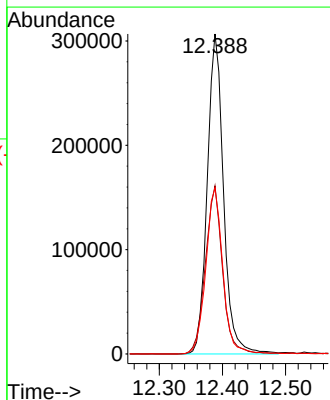
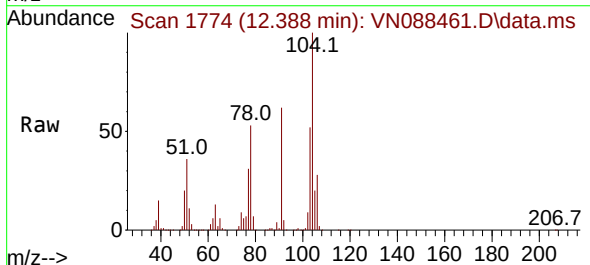
Manual Integrations
APPROVED

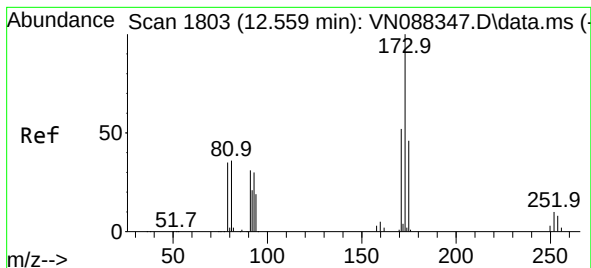
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#70
Styrene
Concen: 53.563 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

Tgt Ion:104 Resp: 549431
Ion Ratio Lower Upper
104 100
78 55.3 44.3 66.5
103 54.4 44.2 66.4





#71

Bromoform

Concen: 51.676 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 130538

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

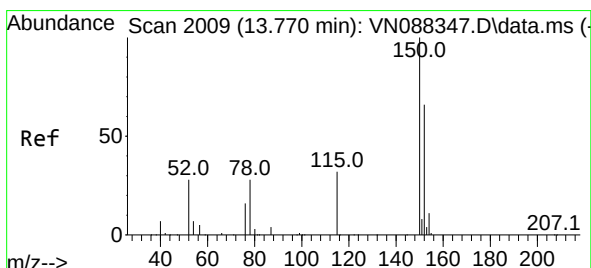
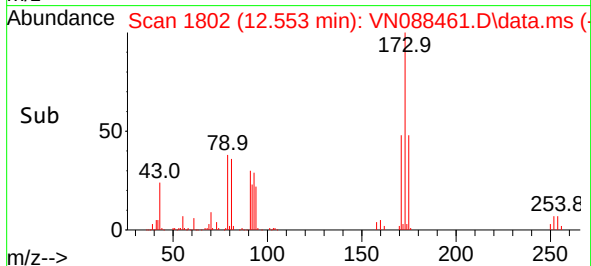
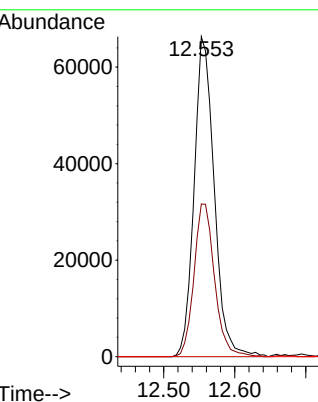
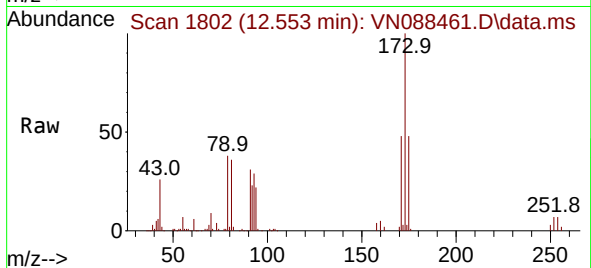
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.765 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

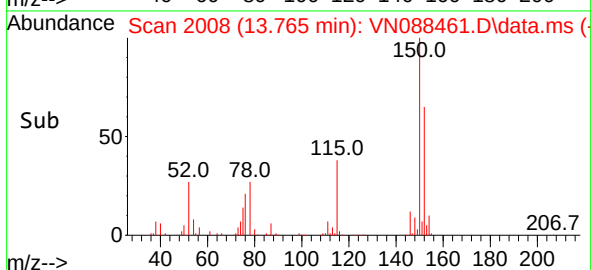
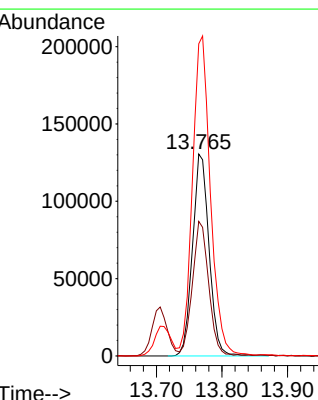
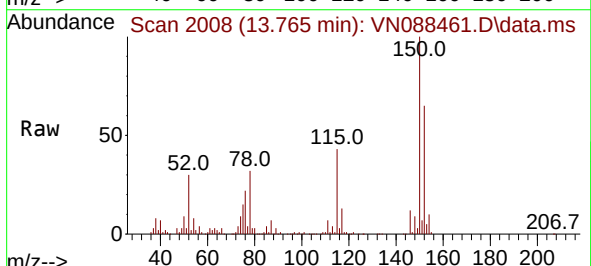
Tgt Ion:152 Resp: 229867

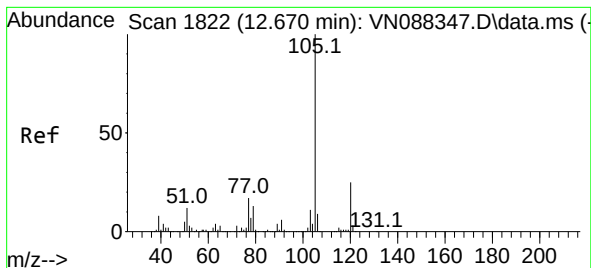
Ion Ratio Lower Upper

152 100

115 64.9 33.0 98.9

150 170.6 0.0 349.0





#73

Isopropylbenzene

Concen: 47.225 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 802630

Ion Ratio Lower Upper

105 100

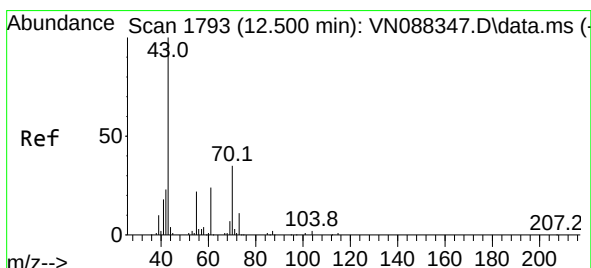
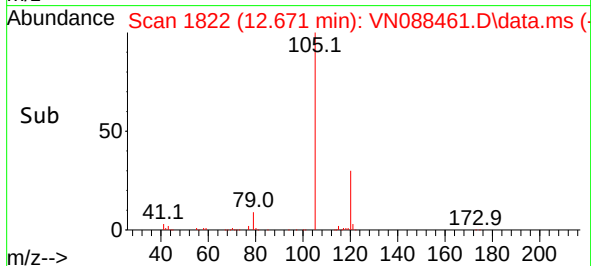
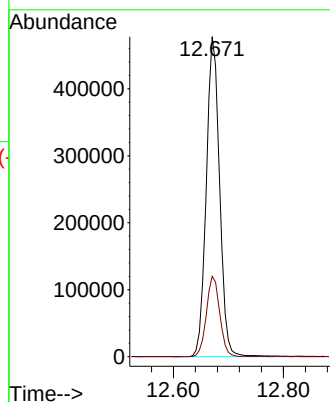
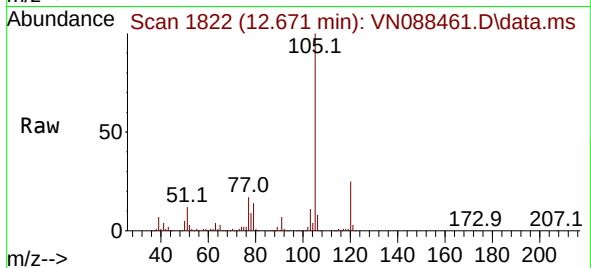
120 25.2 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#74

N-ethyl acetate

Concen: 46.392 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Tgt Ion: 43 Resp: 268521

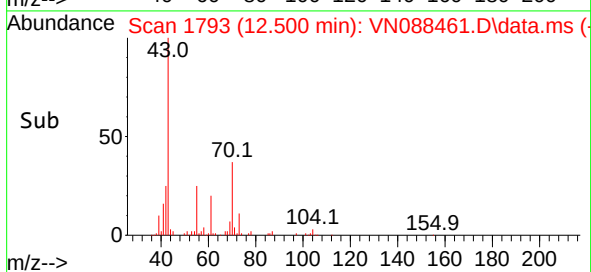
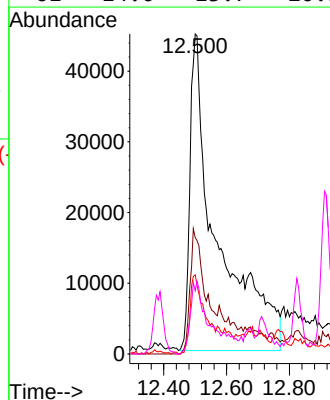
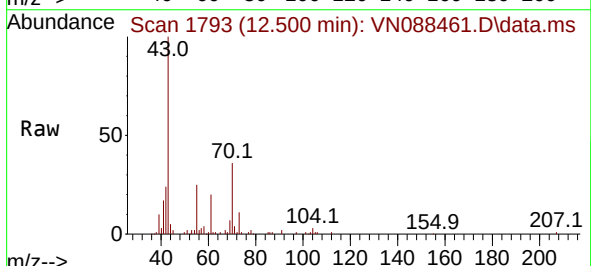
Ion Ratio Lower Upper

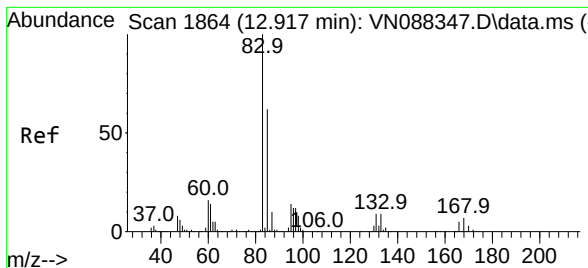
43 100

70 22.5 28.3 42.5#

55 13.7 17.7 26.5#

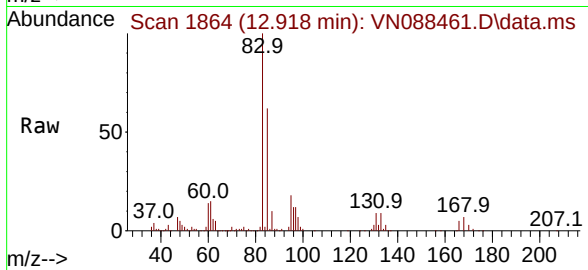
61 14.0 13.7 20.5





#75
1,1,2,2-Tetrachloroethane
Concen: 48.501 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

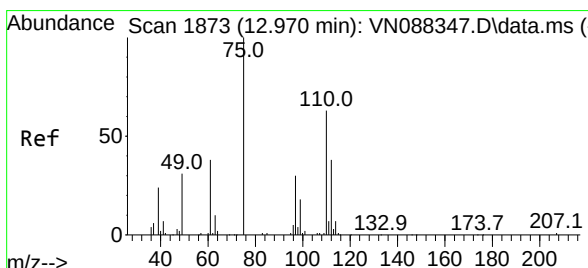
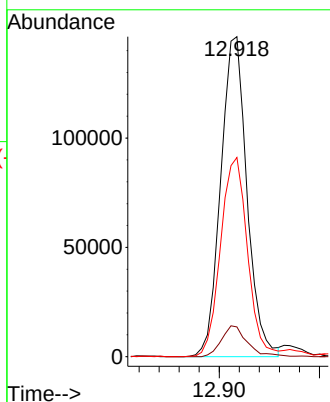
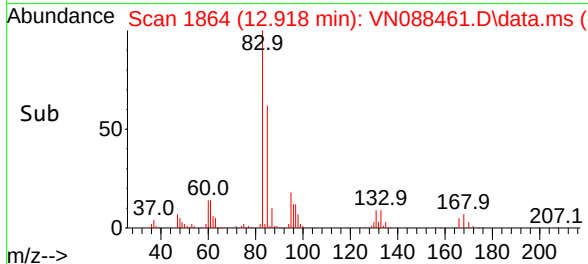
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



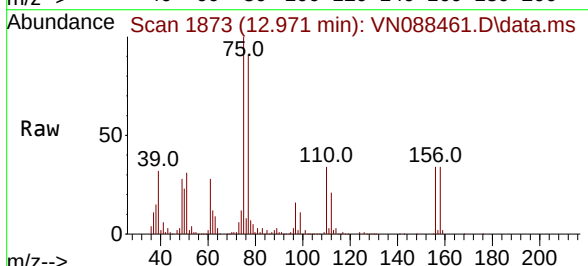
Tgt Ion: 83 Resp: 266493
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 63.7 32.1 96.5

Manual Integrations
APPROVED

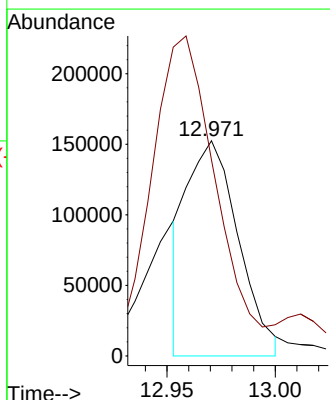
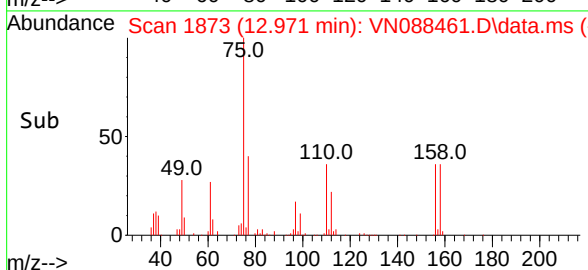
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

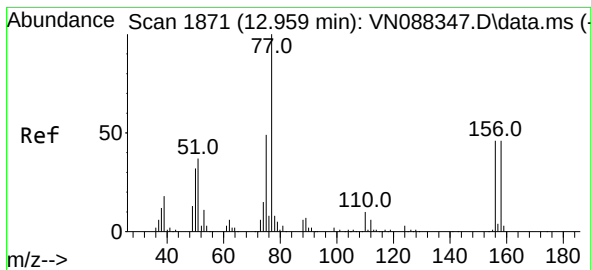


#76
1,2,3-Trichloropropane
Concen: 47.010 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



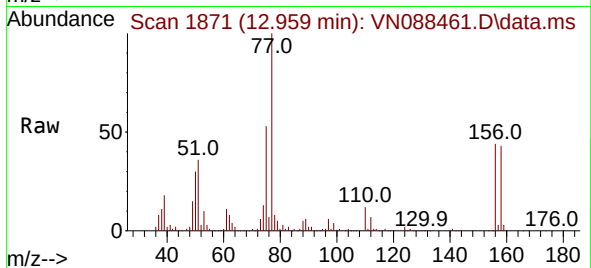
Tgt Ion: 75 Resp: 253099
Ion Ratio Lower Upper
75 100
77 186.3 87.2 261.6





#77
Bromobenzene
Concen: 48.225 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

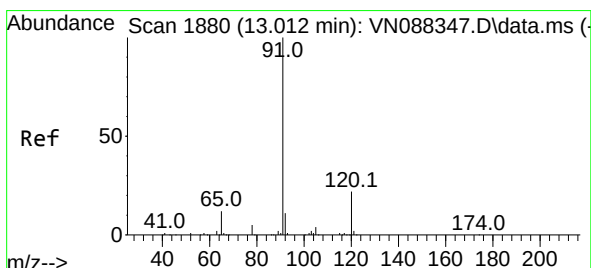
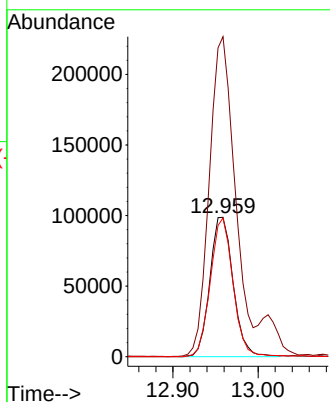
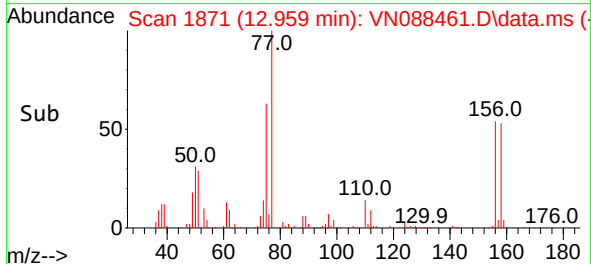
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 18753
Ion Ratio Lower Upper
156 100
77 251.4 121.6 364.7
158 96.9 48.6 145.8

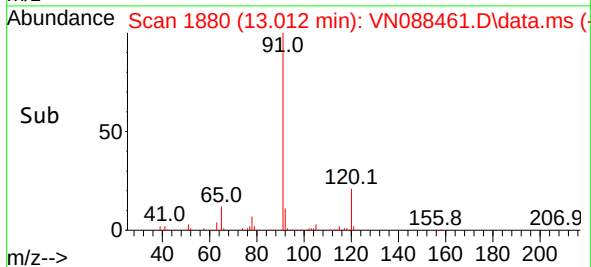
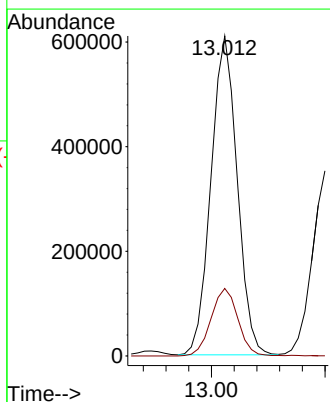
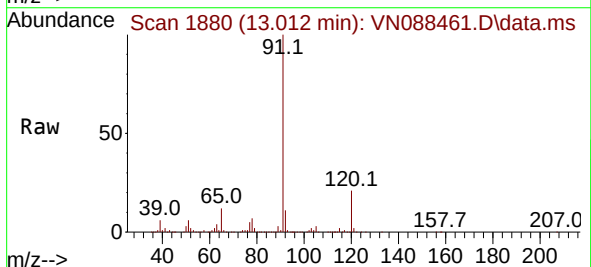
Manual Integrations
APPROVED

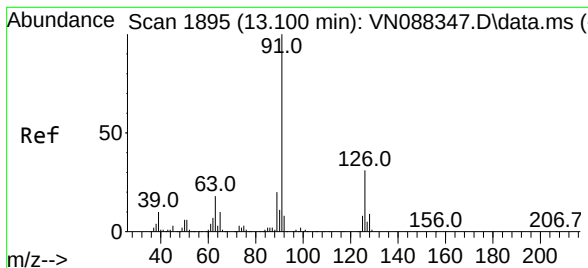
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#78
n-propylbenzene
Concen: 47.001 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

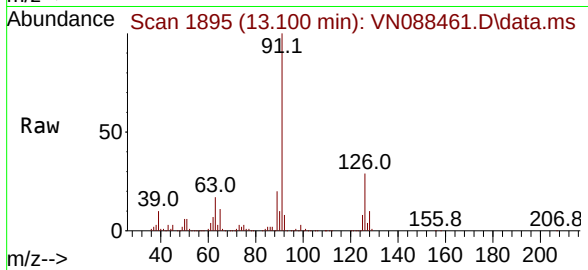
Tgt Ion: 91 Resp: 977270
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





#79
2-Chlorotoluene
Concen: 47.976 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

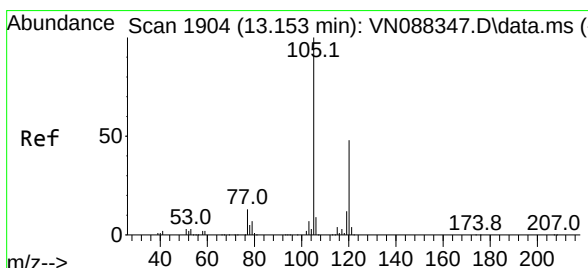
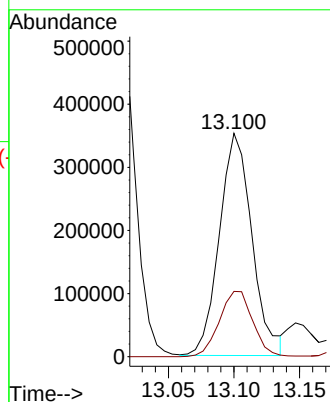
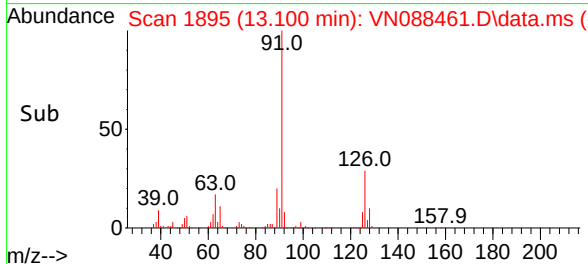
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



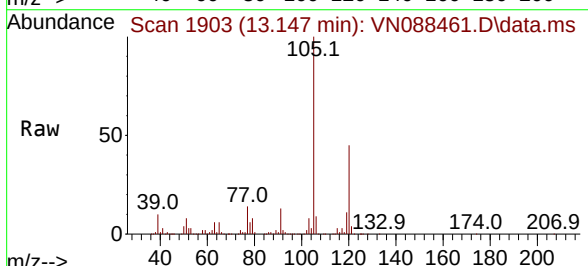
Tgt Ion: 91 Resp: 609168
Ion Ratio Lower Upper
91 100
126 30.1 15.3 45.9

Manual Integrations
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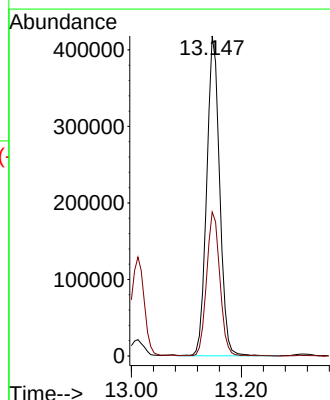
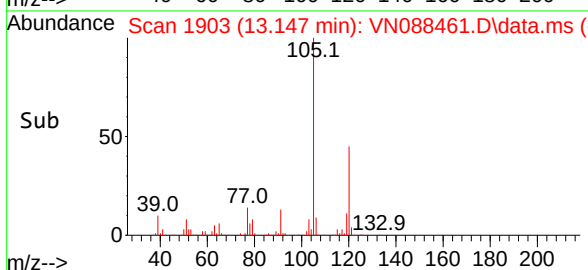
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

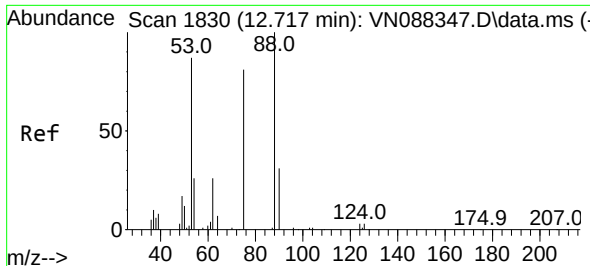


#80
1,3,5-Trimethylbenzene
Concen: 48.485 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



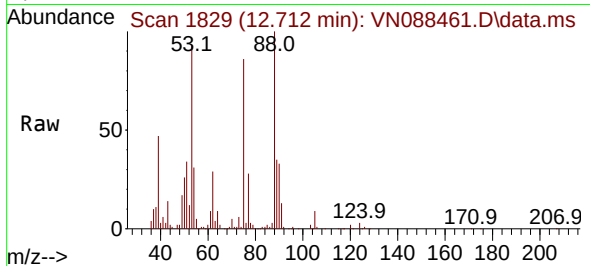
Tgt Ion:105 Resp: 682838
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.417 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

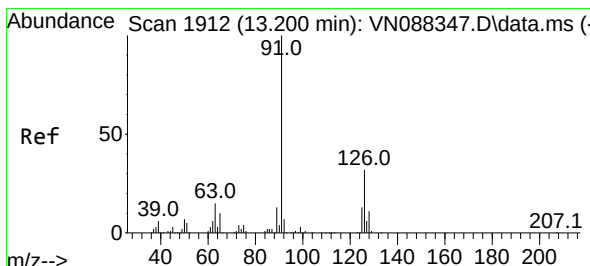
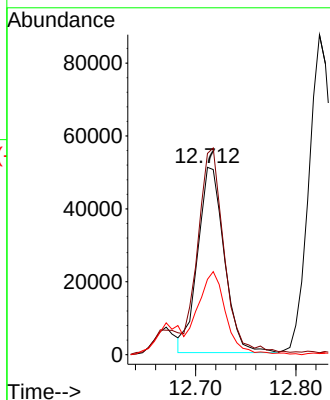
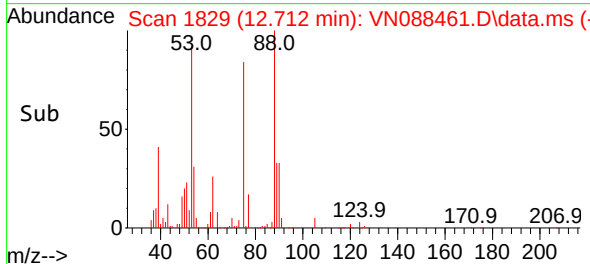
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 9378
Ion Ratio Lower Upper
75 100
53 107.0 92.2 138.4
89 47.3 0.0 0.0

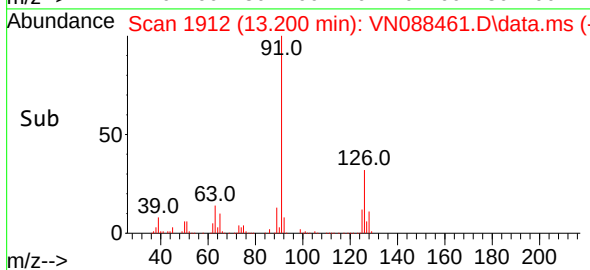
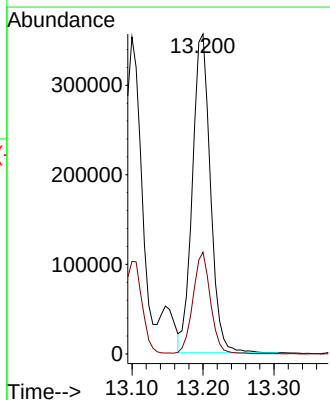
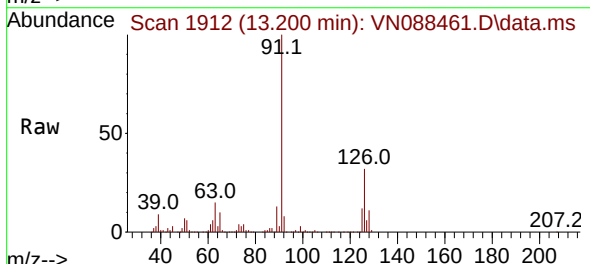
Manual Integrations
APPROVED

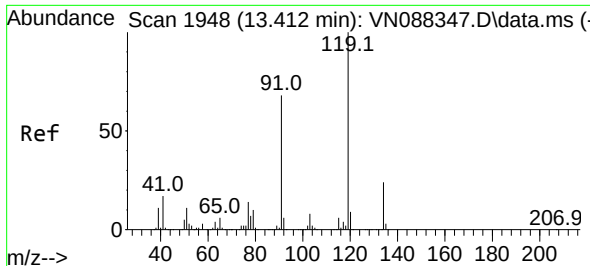
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#82
4-Chlorotoluene
Concen: 49.863 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

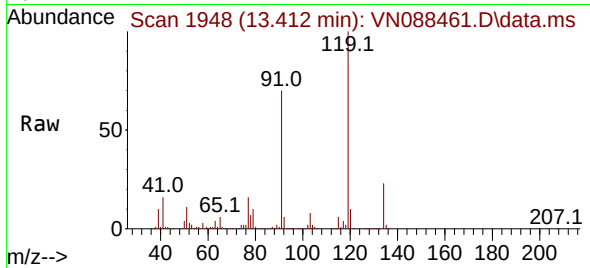
Tgt Ion: 91 Resp: 628846
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7





#83
 tert-Butylbenzene
 Concen: 46.883 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

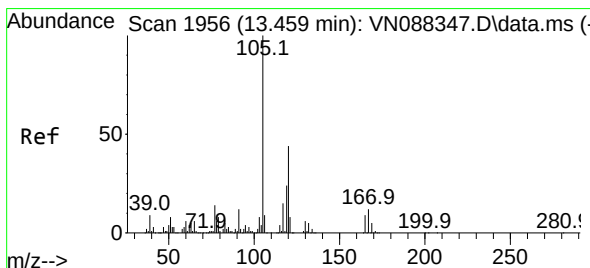
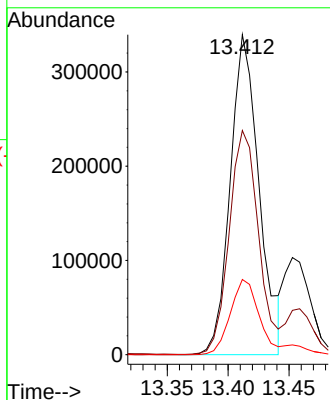
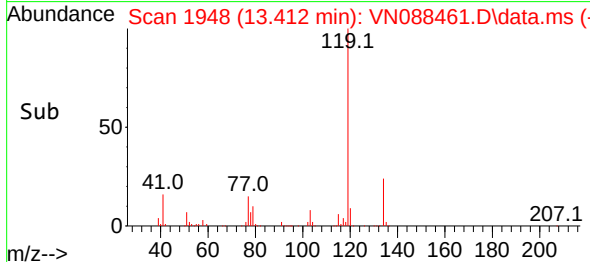
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



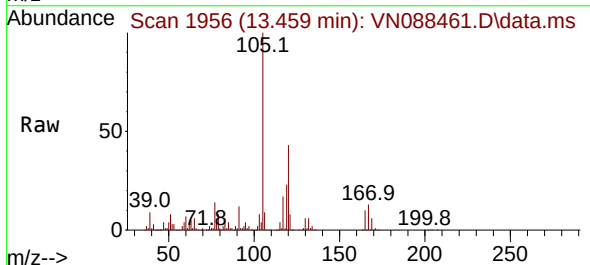
Tgt Ion:119 Resp: 56129
 Ion Ratio Lower Upper
 119 100
 91 71.2 35.1 105.3
 134 25.9 12.8 38.4

Manual Integrations
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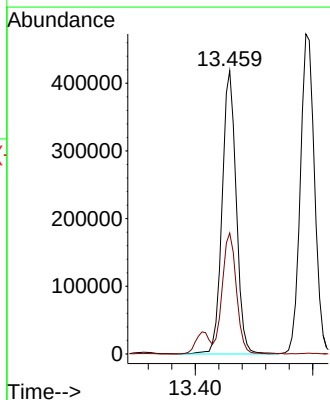
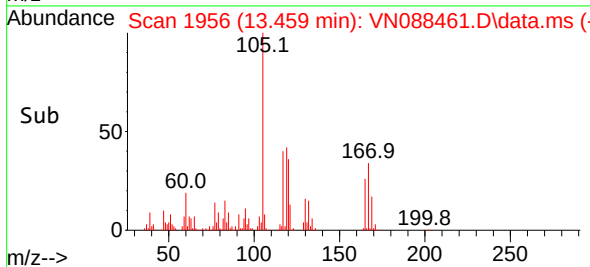
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025

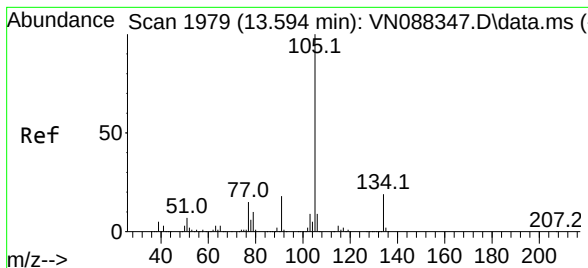


#84
 1,2,4-Trimethylbenzene
 Concen: 49.808 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33



Tgt Ion:105 Resp: 697231
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.1 66.1





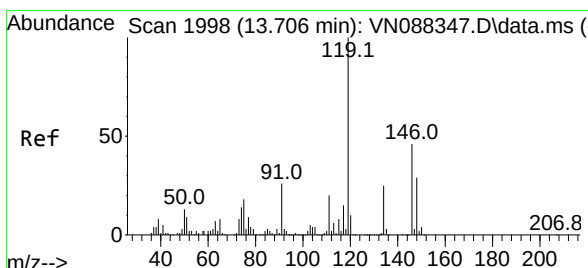
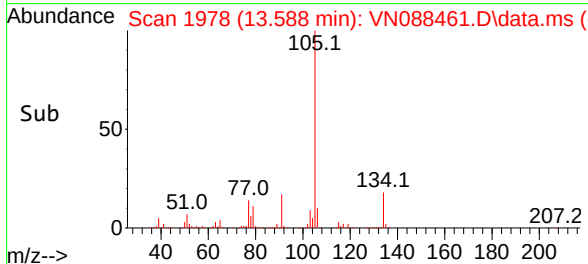
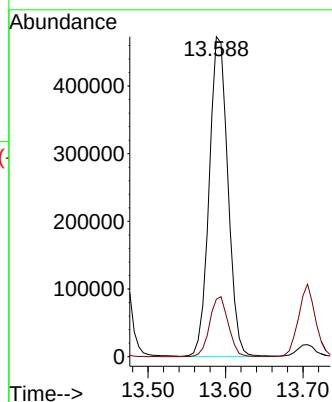
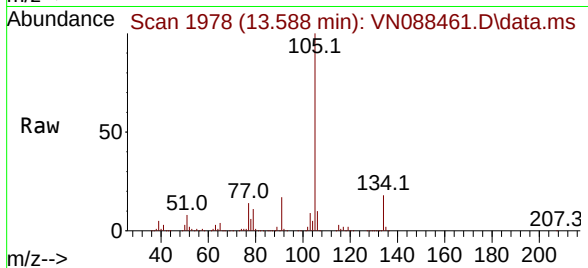
#85
 sec-Butylbenzene
 Concen: 46.024 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 791572
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5

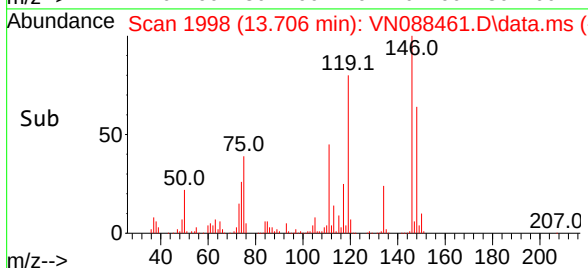
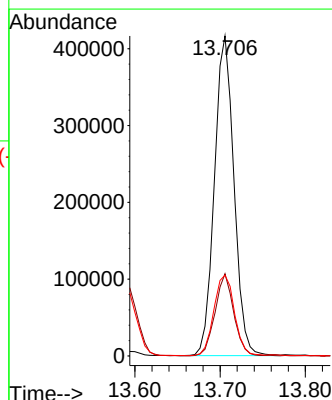
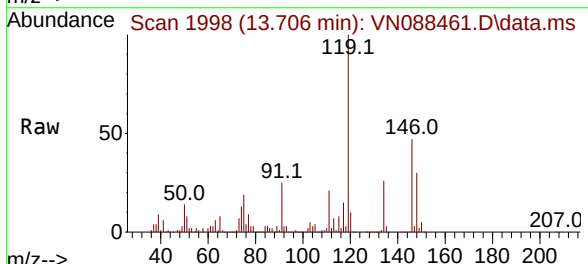
Manual Integrations
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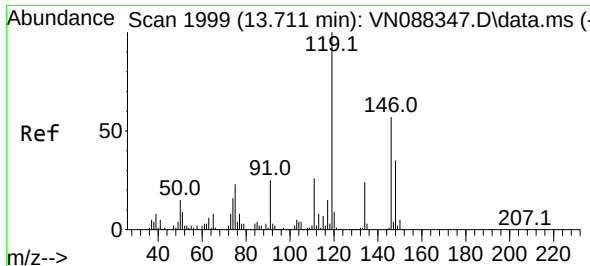
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#86
 p-Isopropyltoluene
 Concen: 47.009 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088461.D
 Acq: 04 Dec 2025 20:33

Tgt Ion:119 Resp: 662985
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.2 36.6
 91 26.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 46.845 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 354618

Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.0

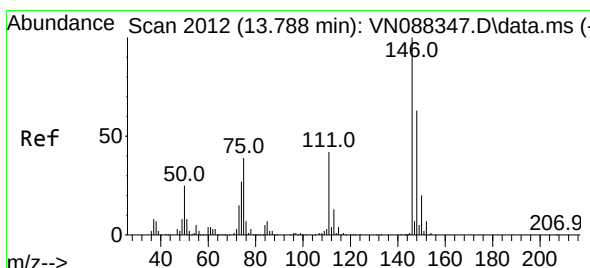
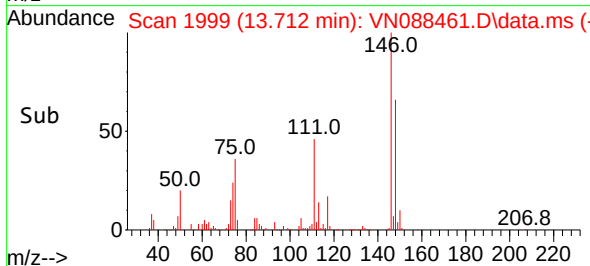
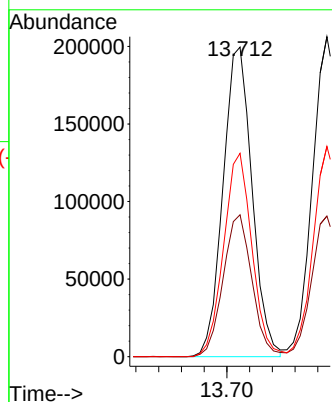
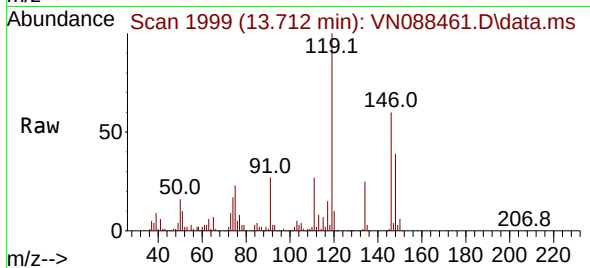
148 64.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#88

1,4-Dichlorobenzene

Concen: 46.024 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

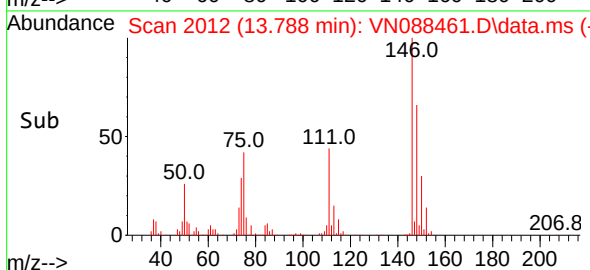
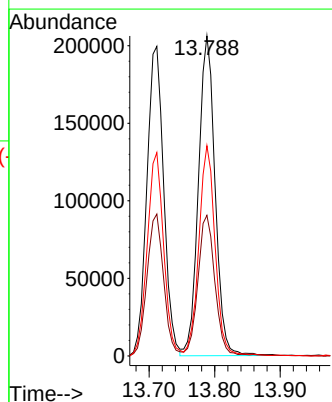
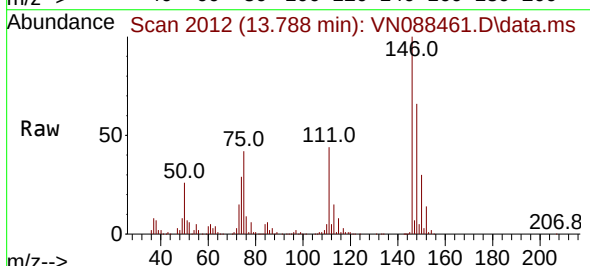
Tgt Ion:146 Resp: 364949

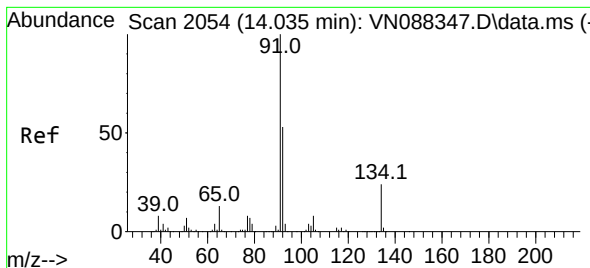
Ion Ratio Lower Upper

146 100

111 44.6 21.6 64.6

148 63.7 31.0 93.0





#89

n-Butylbenzene

Concen: 44.718 ug/l

RT: 14.029 min Scan# 2054

Delta R.T. -0.006 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

Instrument :

MSVOA_N

ClientSampleId :

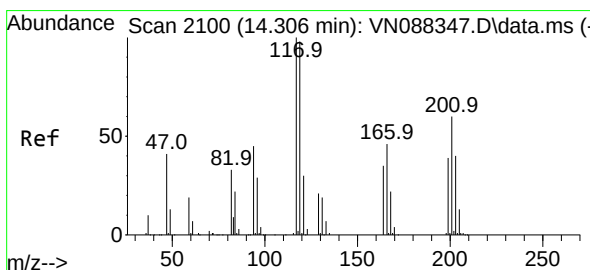
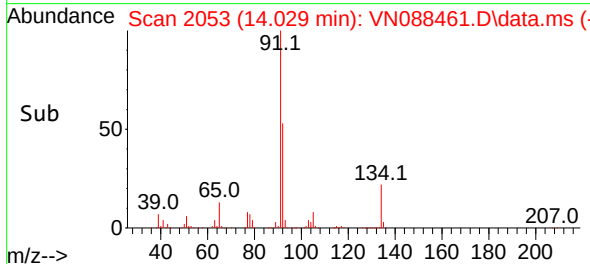
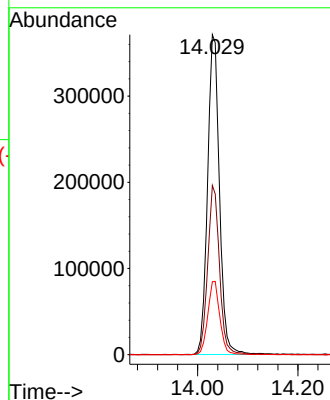
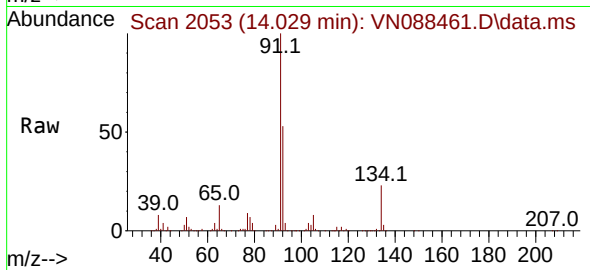
VSTDCCC050EC

Tgt Ion: 91 Resp: 612364
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.1 78.3
 134 23.3 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#90

Hexachloroethane

Concen: 46.179 ug/l

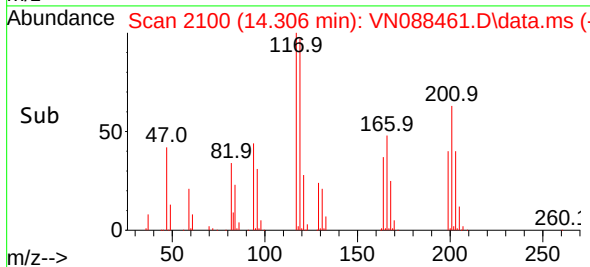
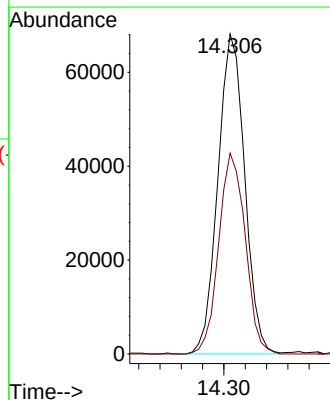
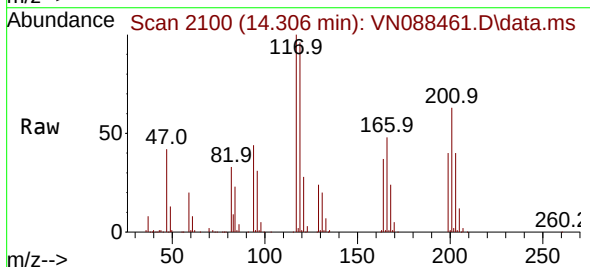
RT: 14.306 min Scan# 2100

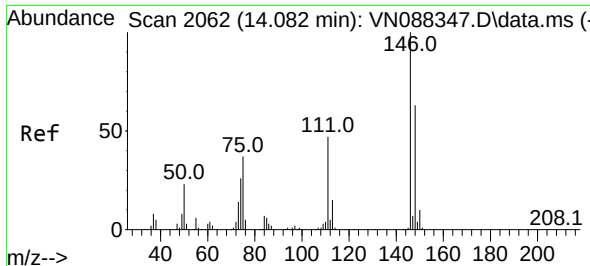
Delta R.T. 0.000 min

Lab File: VN088461.D

Acq: 04 Dec 2025 20:33

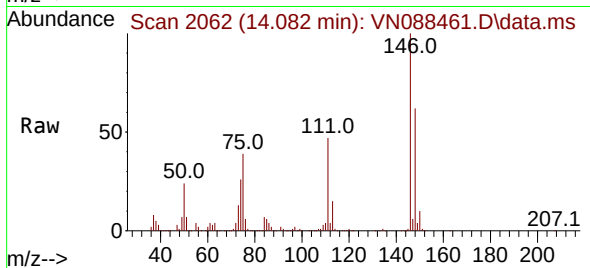
Tgt Ion:117 Resp: 118976
 Ion Ratio Lower Upper
 117 100
 201 62.2 30.3 90.9





#91
1,2-Dichlorobenzene
Concen: 47.914 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

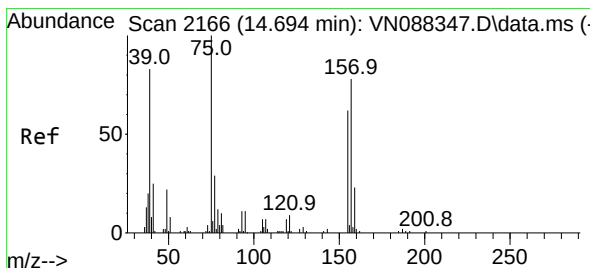
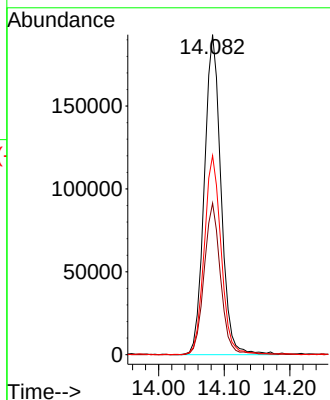
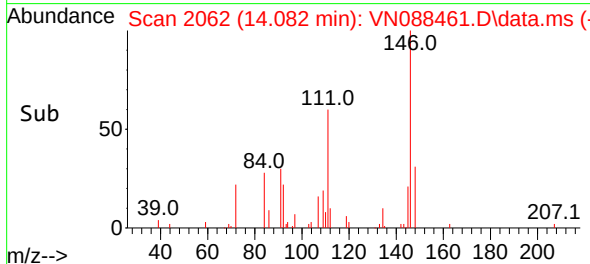
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 341320
Ion Ratio Lower Upper
146 100
111 46.8 23.3 69.9
148 62.5 31.8 95.4

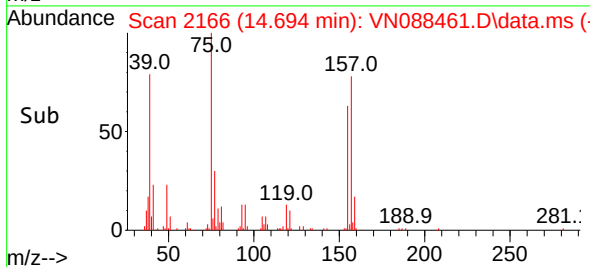
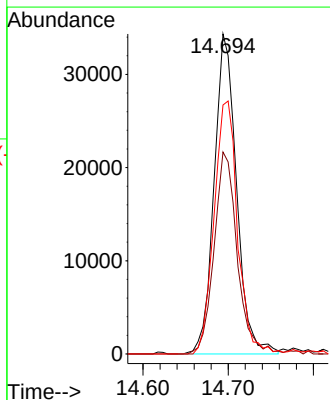
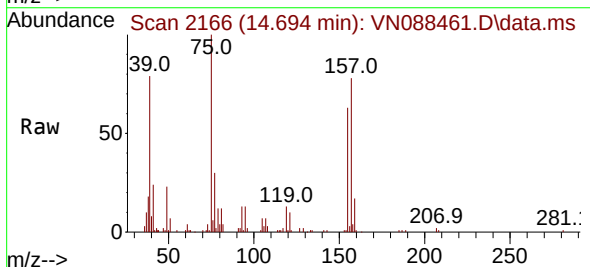
Manual Integrations
APPROVED

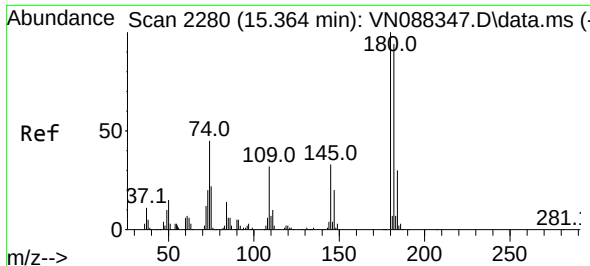
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.091 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

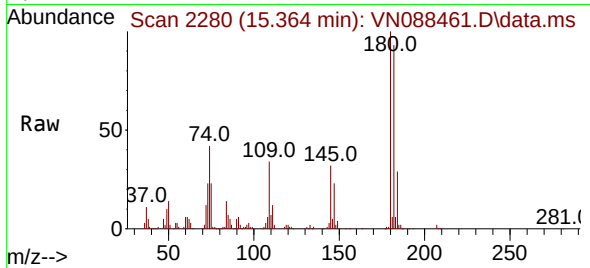
Tgt Ion: 75 Resp: 62778
Ion Ratio Lower Upper
75 100
155 65.0 33.7 101.1
157 83.1 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 43.986 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

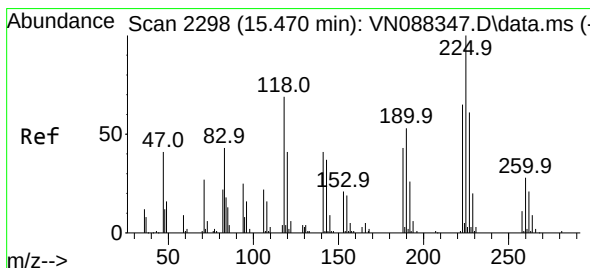
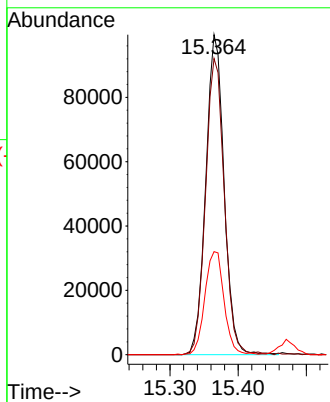
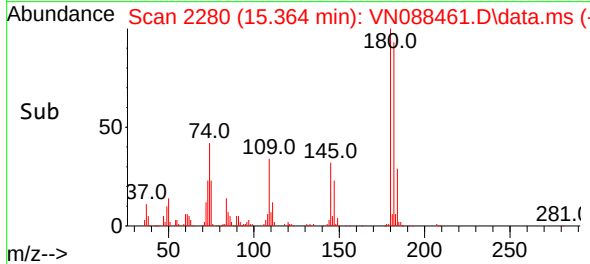
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



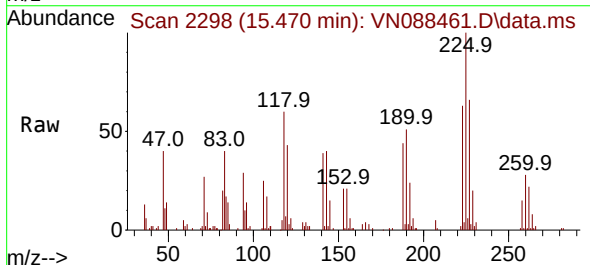
Tgt Ion:180 Resp: 18617
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 33.8 16.7 50.1

Manual Integrations
APPROVED

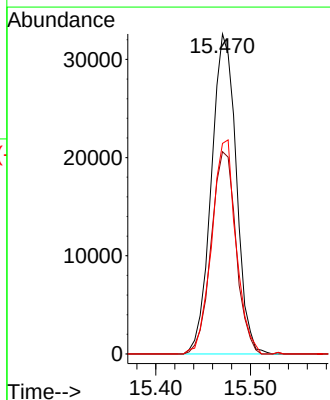
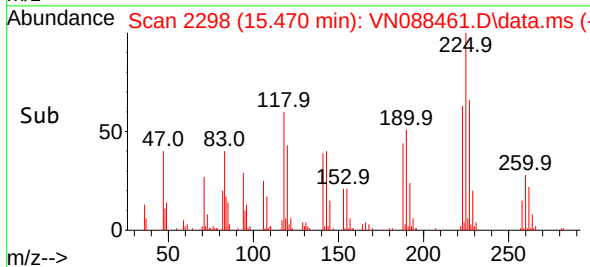
Reviewed By :John Carbone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

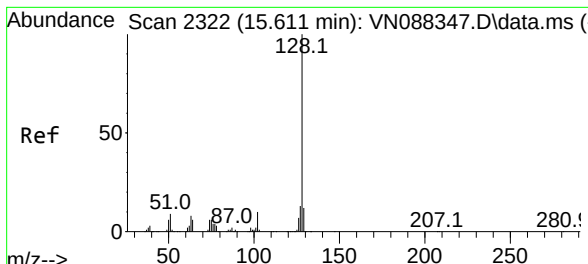


#94
Hexachlorobutadiene
Concen: 39.093 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



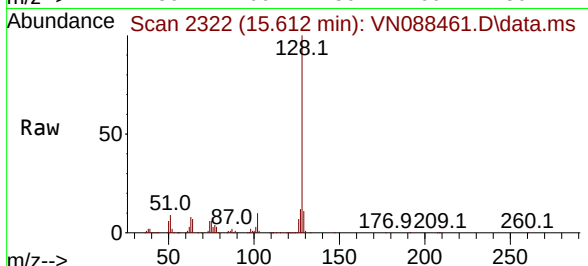
Tgt Ion:225 Resp: 59460
Ion Ratio Lower Upper
225 100
223 63.1 32.3 96.8
227 65.2 29.9 89.8





#95
Naphthalene
Concen: 47.089 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33

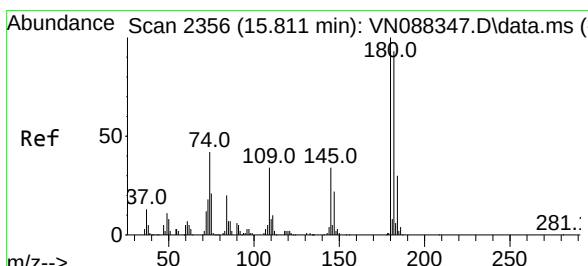
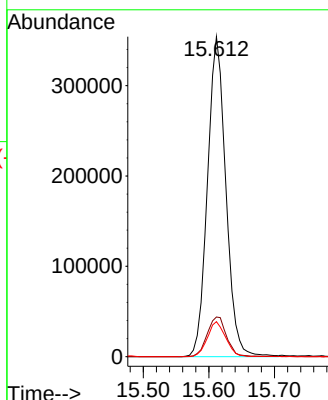
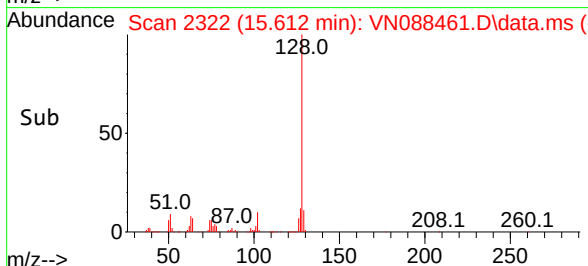
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



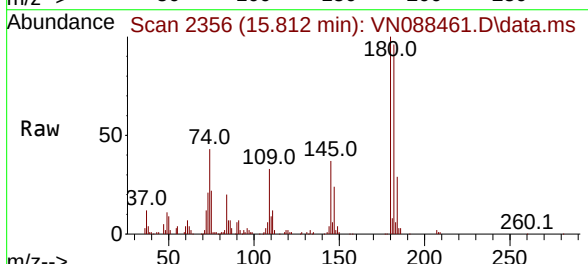
Tgt Ion:128 Resp: 69065
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.918 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088461.D
Acq: 04 Dec 2025 20:33



Tgt Ion:180 Resp: 176791
Ion Ratio Lower Upper
180 100
182 97.2 45.9 137.7
145 38.2 17.8 53.4

