

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088435.D
 Acq On : 03 Dec 2025 17:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 04 00:23:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	261593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	475071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	432840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	223755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	262295	53.227	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	=	106.460%	
35) Dibromofluoromethane	8.147	113	175427	53.285	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	106.580%	
50) Toluene-d8	10.541	98	642796	52.475	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	=	104.940%	
62) 4-Bromofluorobenzene	12.829	95	232769	55.381	ug/l	0.00
Spiked Amount 50.000	Range 77	- 121	Recovery	=	110.760%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	218184	55.530	ug/l	97
3) Chloromethane	2.383	50	207498	49.170	ug/l	95
4) Vinyl Chloride	2.536	62	226576	52.777	ug/l	96
5) Bromomethane	2.971	94	101504	49.125	ug/l	98
6) Chloroethane	3.142	64	141239	53.162	ug/l	98
7) Trichlorofluoromethane	3.512	101	338884	56.164	ug/l	96
8) Diethyl Ether	3.959	74	117882	52.052	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	176597	54.977	ug/l	99
10) Methyl Iodide	4.583	142	150831	47.433	ug/l	91
11) Tert butyl alcohol	5.518	59	188510	239.601	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	167438	52.464	ug/l	96
13) Acrolein	4.177	56	243318	323.030	ug/l	99
14) Allyl chloride	5.018	41	306267	51.775	ug/l	97
15) Acrylonitrile	5.706	53	600753	264.652	ug/l	99
16) Acetone	4.418	43	610751	342.698	ug/l	98
17) Carbon Disulfide	4.706	76	528465	50.673	ug/l	98
18) Methyl Acetate	5.012	43	289103	54.497	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	646629	54.078	ug/l	100
20) Methylene Chloride	5.265	84	194072	50.897	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	188772	53.395	ug/l	96
22) Diisopropyl ether	6.659	45	698981	55.347	ug/l	98
23) Vinyl Acetate	6.589	43	3181262	312.656	ug/l	100
24) 1,1-Dichloroethane	6.553	63	381884	53.397	ug/l	99
25) 2-Butanone	7.465	43	867718	302.861	ug/l	94
26) 2,2-Dichloropropane	7.471	77	321430	52.069	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	218545	53.191	ug/l	99
28) Bromochloromethane	7.794	49	189611	53.221	ug/l	99
29) Tetrahydrofuran	7.824	42	559833	272.421	ug/l	99
30) Chloroform	7.947	83	388945	55.347	ug/l	98
31) Cyclohexane	8.236	56	330700	51.026	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	340803	55.156	ug/l	99
36) 1,1-Dichloropropene	8.353	75	272238	53.580	ug/l	99
37) Ethyl Acetate	7.542	43	361740	54.146	ug/l	98
38) Carbon Tetrachloride	8.341	117	289987	57.332	ug/l	99
39) Methylcyclohexane	9.577	83	302547	55.669	ug/l	96
40) Benzene	8.588	78	798416	53.540	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	181695	54.910	ug/l	98
42) 1,2-Dichloroethane	8.653	62	319774	56.204	ug/l	98
43) Isopropyl Acetate	8.671	43	547001	53.588	ug/l	100
44) Trichloroethene	9.330	130	179417	50.918	ug/l	99
45) 1,2-Dichloropropane	9.600	63	207337	54.266	ug/l	90
46) Dibromomethane	9.688	93	149831	54.949	ug/l	99
47) Bromodichloromethane	9.865	83	306532	55.096	ug/l	97
48) Methyl methacrylate	9.659	41	261582	56.165	ug/l	98
49) 1,4-Dioxane	9.683	88	58417	986.284	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1731736	287.825	ug/l	99
52) Toluene	10.606	92	482989	56.091	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	311489	54.545	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	325884	54.264	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	184249	55.304	ug/l	97
56) Ethyl methacrylate	10.853	69	307145	58.365	ug/l	99
57) 1,3-Dichloropropane	11.141	76	329170	54.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	868763	286.350	ug/l	100
59) 2-Hexanone	11.177	43	1168000	308.163	ug/l	100
60) Dibromochloromethane	11.335	129	212771	56.023	ug/l	100
61) 1,2-Dibromoethane	11.447	107	183577	54.415	ug/l	98
64) Tetrachloroethene	11.082	164	159316	46.429	ug/l	99
65) Chlorobenzene	11.871	112	514223	52.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	177889	54.249	ug/l	100
67) Ethyl Benzene	11.941	91	929678	54.710	ug/l	99
68) m/p-Xylenes	12.047	106	701887	111.404	ug/l	98
69) o-Xylene	12.376	106	326692	54.389	ug/l	99
70) Styrene	12.388	104	561475	57.570	ug/l	99
71) Bromoform	12.553	173	134536	56.015	ug/l #	100
73) Isopropylbenzene	12.671	105	882498	53.342	ug/l	99
74) N-amyl acetate	12.500	43	312951m	55.544	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	268387	50.180	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	227597m	43.428	ug/l	
77) Bromobenzene	12.959	156	192503	50.855	ug/l	97
78) n-propylbenzene	13.012	91	1083588	53.538	ug/l	99
79) 2-Chlorotoluene	13.100	91	642071	51.949	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	739974	53.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	93662	50.702	ug/l #	99
82) 4-Chlorotoluene	13.200	91	670798	54.643	ug/l	99
83) tert-Butylbenzene	13.412	119	627520	53.847	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	746614	54.792	ug/l	98
85) sec-Butylbenzene	13.594	105	909070	54.299	ug/l	99
86) p-Isopropyltoluene	13.706	119	744747	54.248	ug/l	99
87) 1,3-Dichlorobenzene	13.706	146	378401	51.352	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	377571	48.916	ug/l	98
89) n-Butylbenzene	14.029	91	722571	54.208	ug/l	99
90) Hexachloroethane	14.312	117	137062	54.652	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	354519	51.126	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	66006	50.865	ug/l	95
93) 1,2,4-Trichlorobenzene	15.365	180	200440	48.649	ug/l	98
94) Hexachlorobutadiene	15.470	225	74466	50.296	ug/l	96
95) Naphthalene	15.612	128	723929	50.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	193342	48.218	ug/l	96

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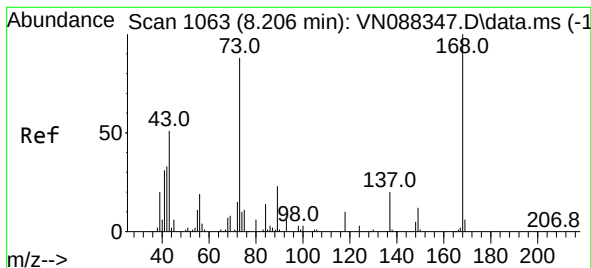
Manual Integrations
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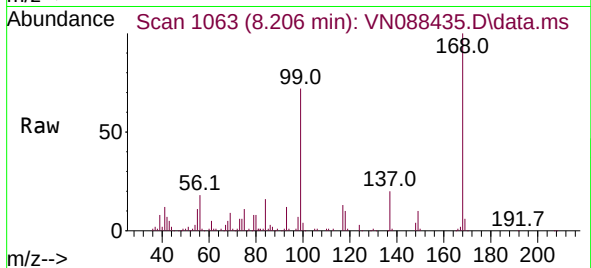
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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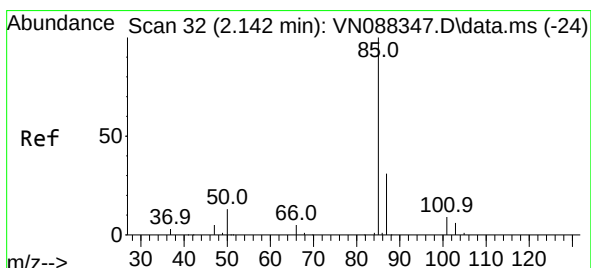
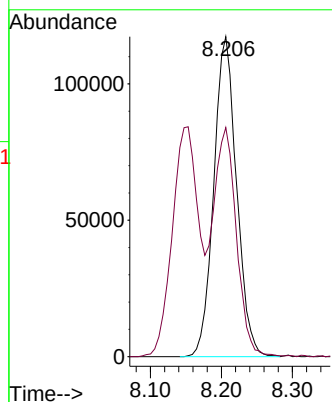
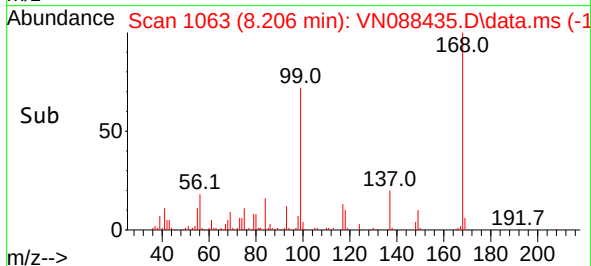
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 261593
Ion Ratio Lower Upper
168 100
99 71.3 57.1 85.7

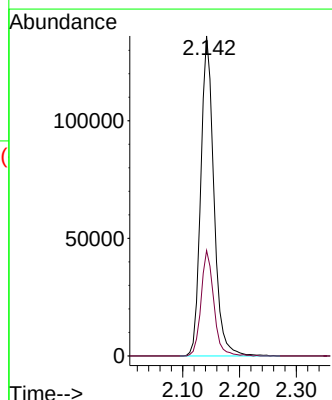
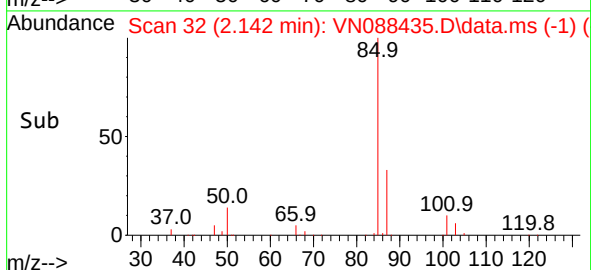
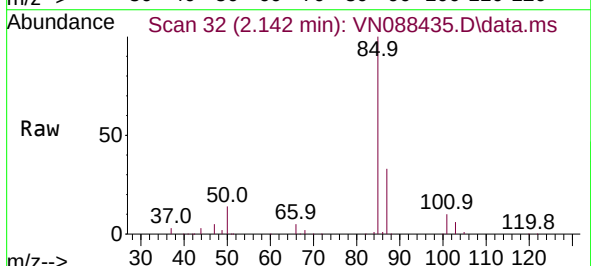
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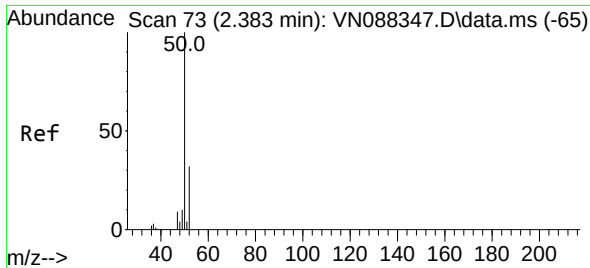
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 55.530 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

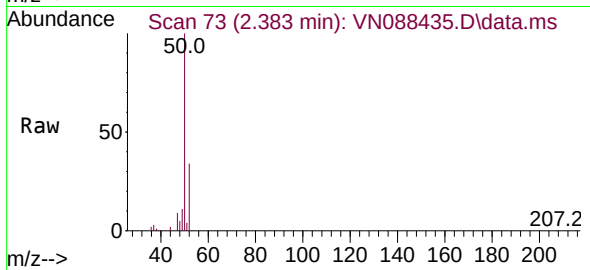
Tgt Ion: 85 Resp: 218184
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.7





#3
Chloromethane
Concen: 49.170 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

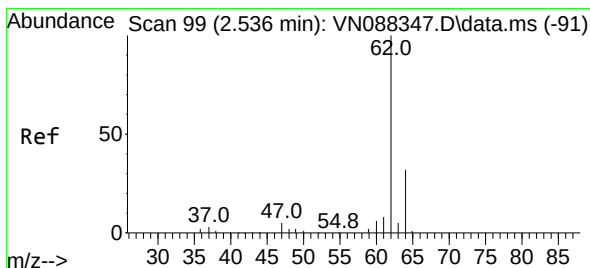
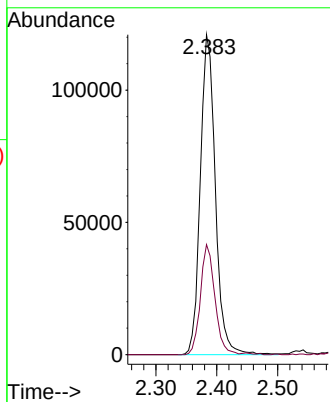
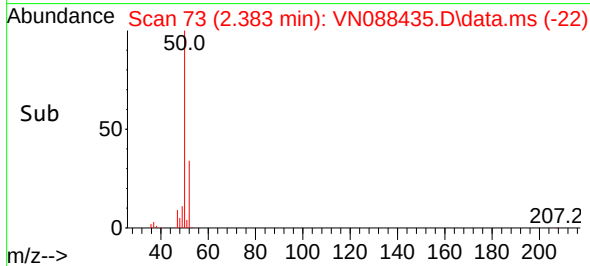
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Tgt Ion: 50 Resp: 207498
Ion Ratio Lower Upper
50 100
52 34.4 25.2 37.8

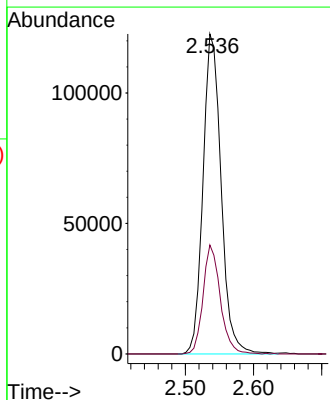
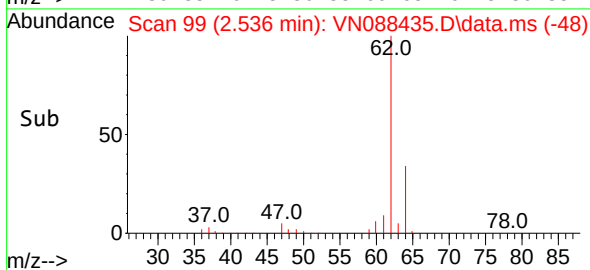
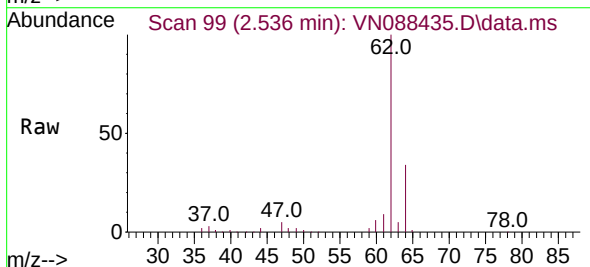
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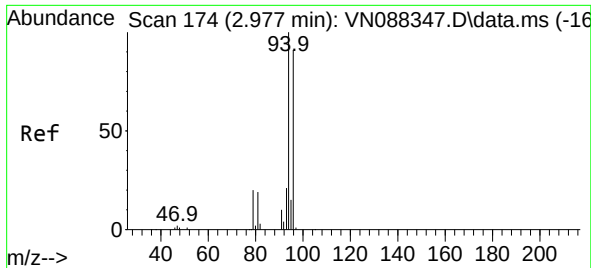
Reviewed By :John Carlone 12/04/2025
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#4
Vinyl Chloride
Concen: 52.777 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

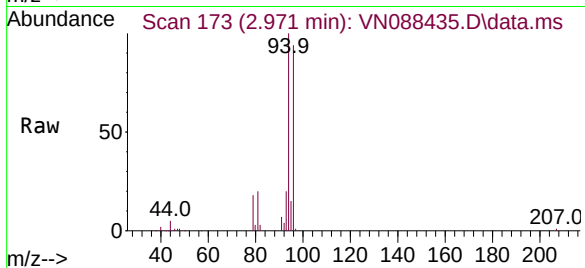
Tgt Ion: 62 Resp: 226576
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.2





#5
Bromomethane
Concen: 49.125 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

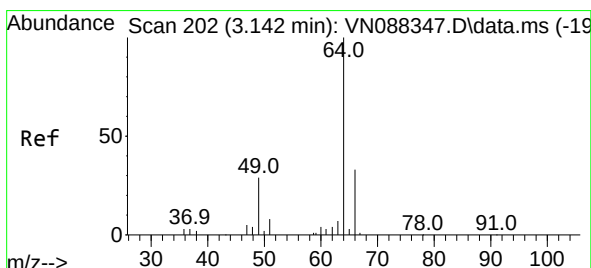
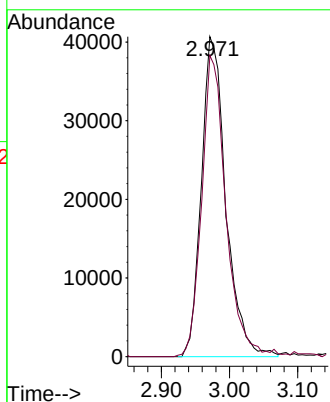
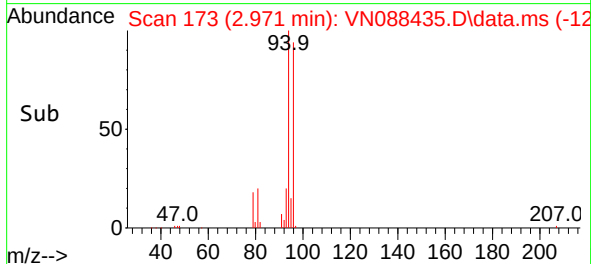
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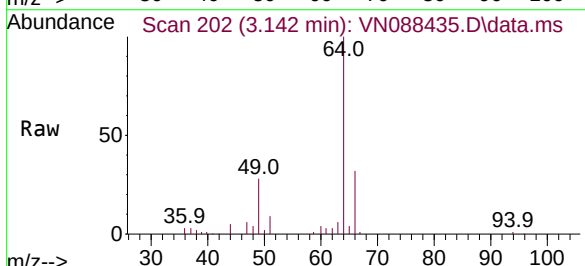
Tgt Ion: 94 Resp: 101504
Ion Ratio Lower Upper
94 100
96 93.6 73.2 109.8

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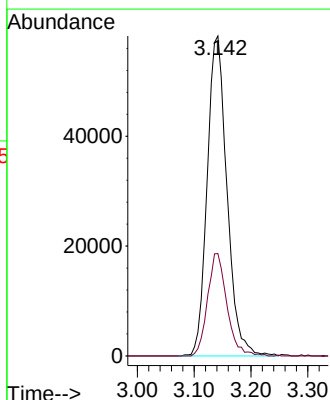
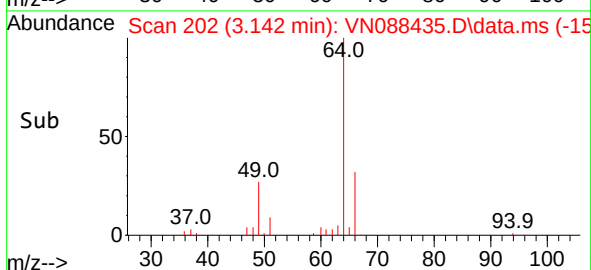
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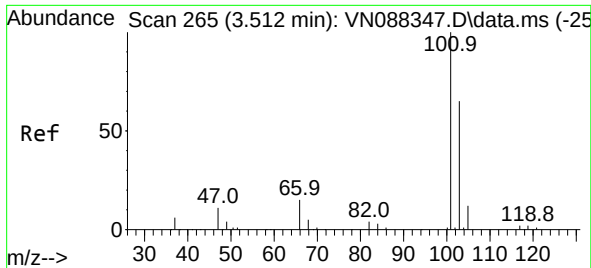


#6
Chloroethane
Concen: 53.162 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088435.D
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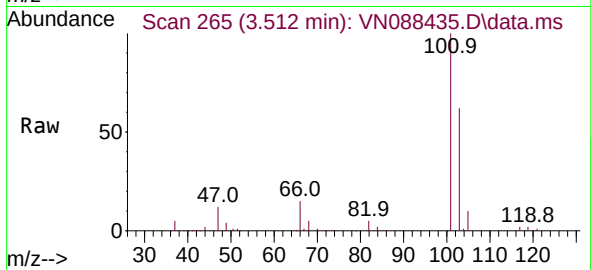
Tgt Ion: 64 Resp: 141239
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 56.164 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088435.D
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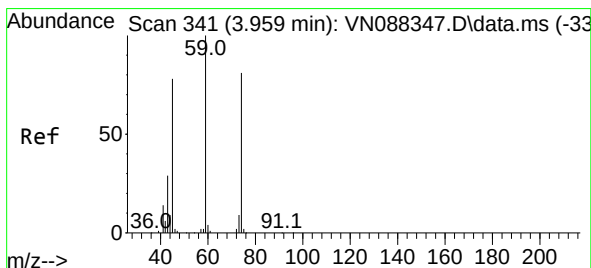
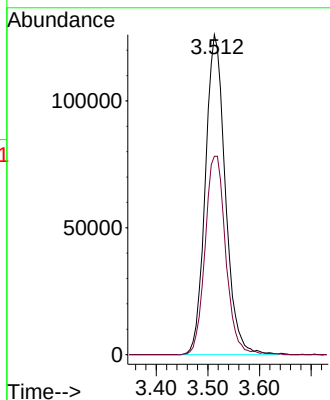
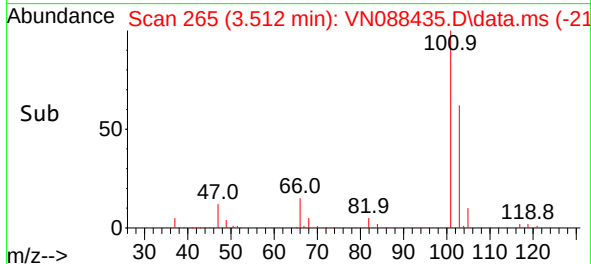
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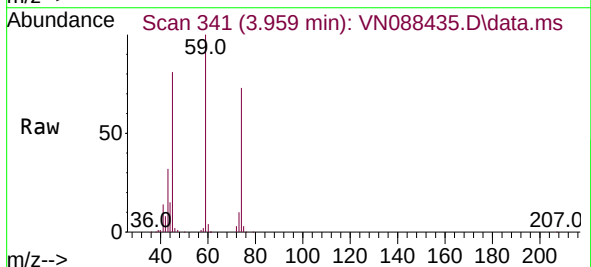
Tgt Ion:101 Resp: 33884
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.3 78.5

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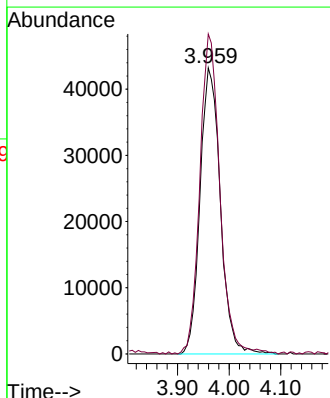
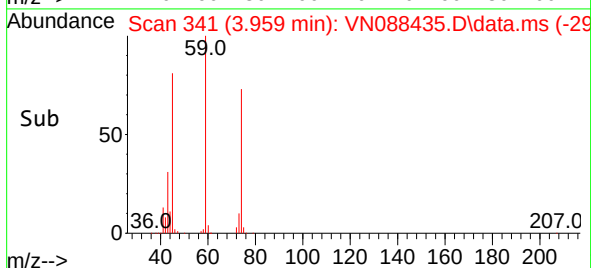
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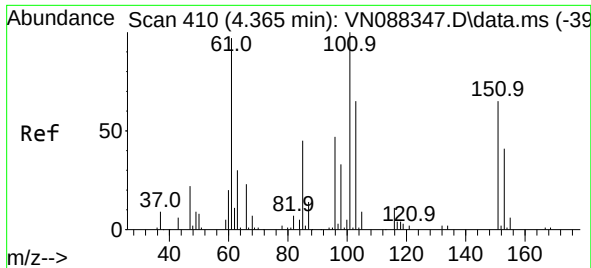


#8
 Diethyl Ether
 Concen: 52.052 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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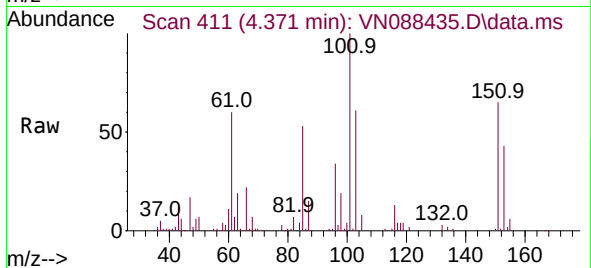
Tgt Ion: 74 Resp: 117882
 Ion Ratio Lower Upper
 74 100
 45 110.4 54.2 162.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.977 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088435.D
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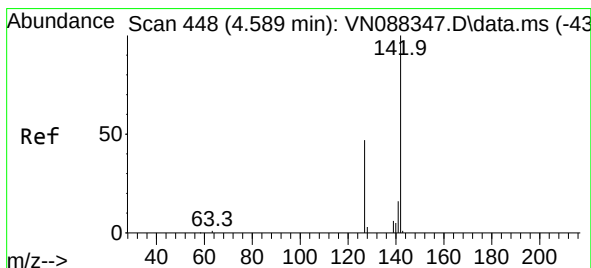
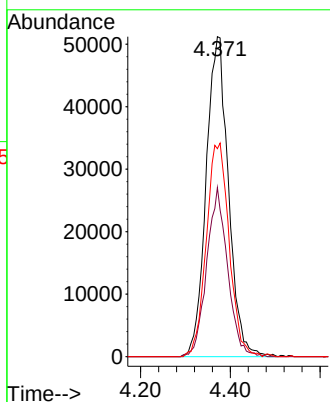
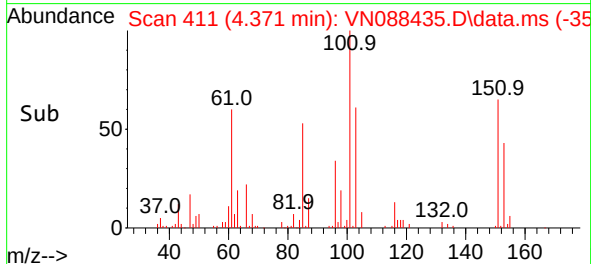
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



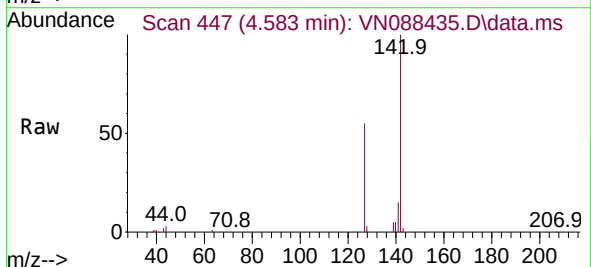
Tgt Ion:101 Resp: 176597
Ion Ratio Lower Upper
101 100
85 49.4 39.2 58.8
151 68.4 53.6 80.4

Manual Integrations
APPROVED

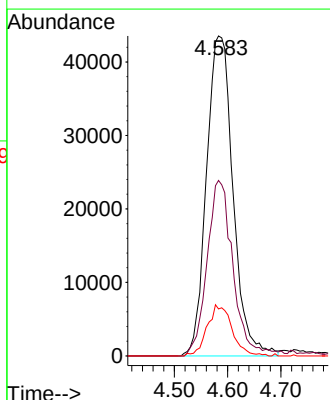
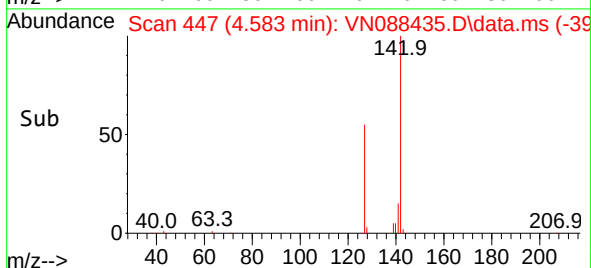
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

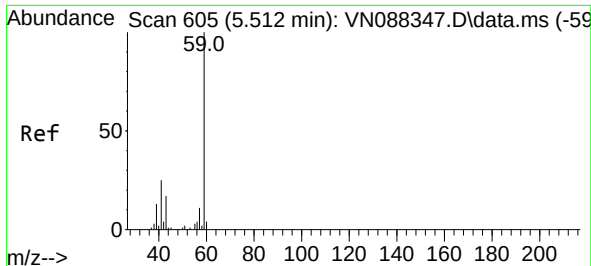


#10
Methyl Iodide
Concen: 47.433 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



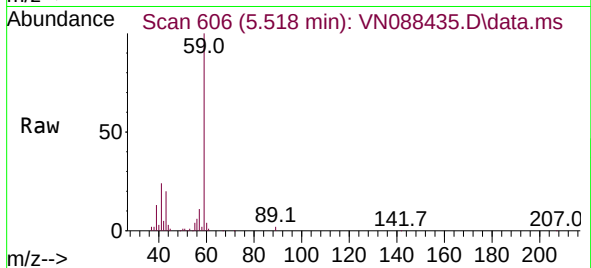
Tgt Ion:142 Resp: 150831
Ion Ratio Lower Upper
142 100
127 54.8 37.9 56.9
141 14.7 12.4 18.6





#11
Tert butyl alcohol
Concen: 239.601 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

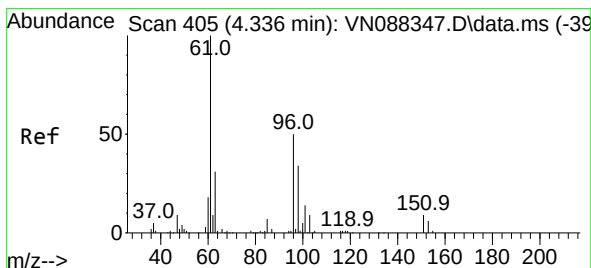
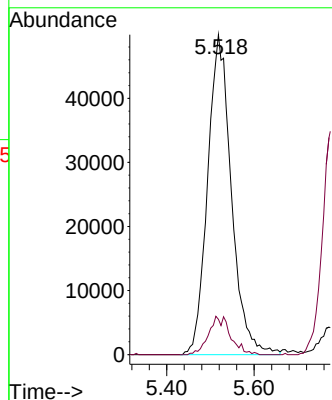
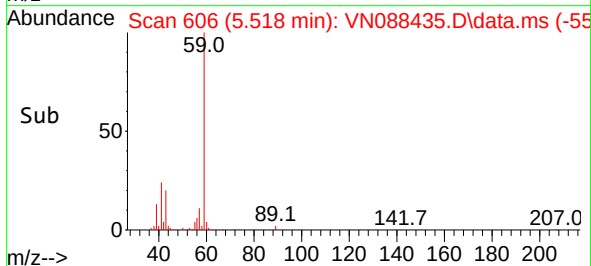
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



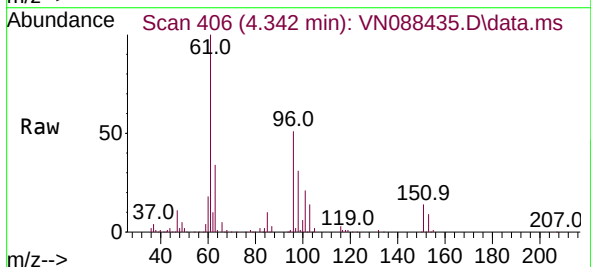
Tgt Ion: 59 Resp: 188510
Ion Ratio Lower Upper
59 100
57 6.3 8.5 12.7

Manual Integrations
APPROVED

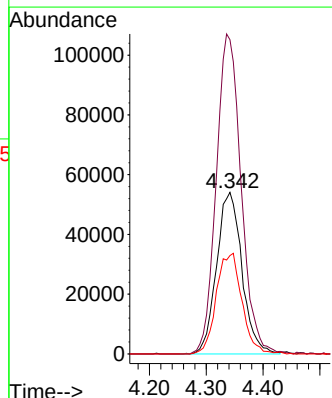
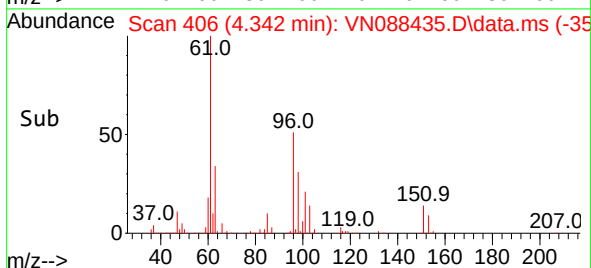
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

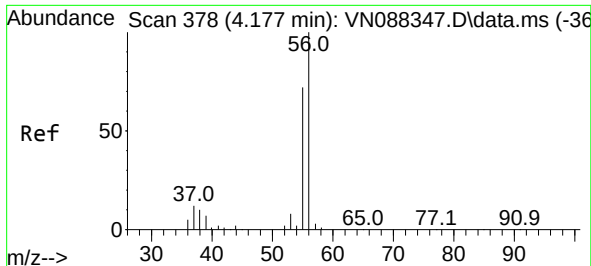


#12
1,1-Dichloroethene
Concen: 52.464 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



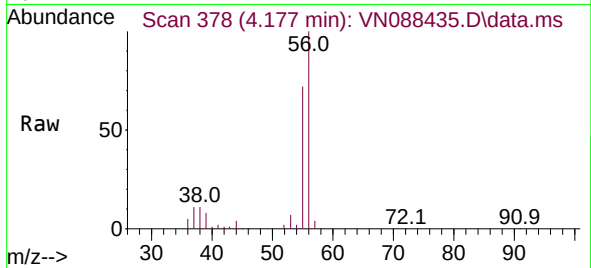
Tgt Ion: 96 Resp: 167438
Ion Ratio Lower Upper
96 100
61 194.5 159.1 238.7
98 60.8 53.7 80.5





#13
Acrolein
Concen: 323.030 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

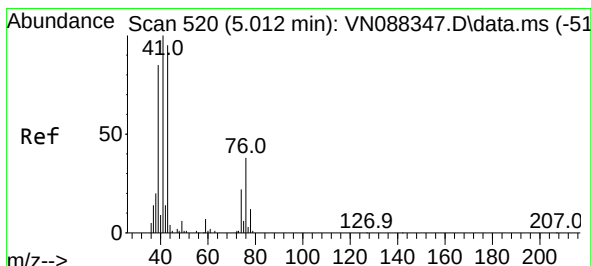
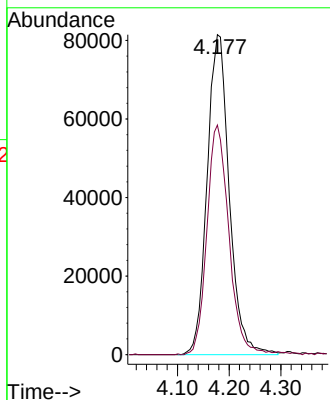
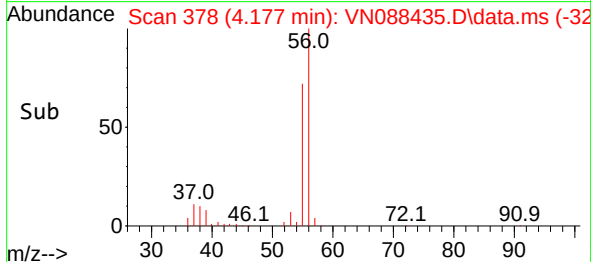
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



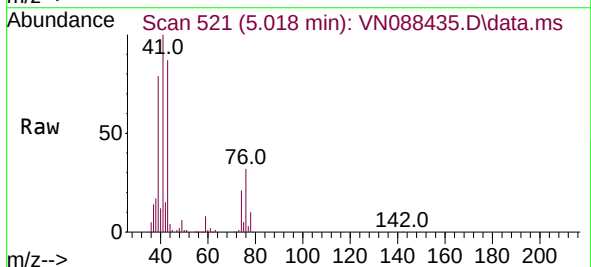
Tgt Ion: 56 Resp: 243318
Ion Ratio Lower Upper
56 100
55 71.1 56.3 84.5

Manual Integrations
APPROVED

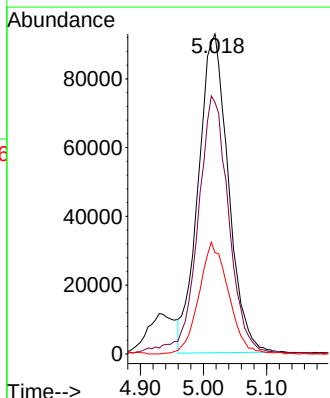
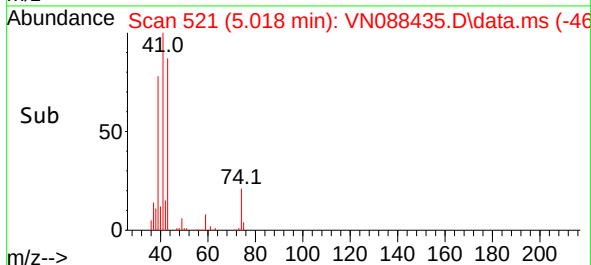
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

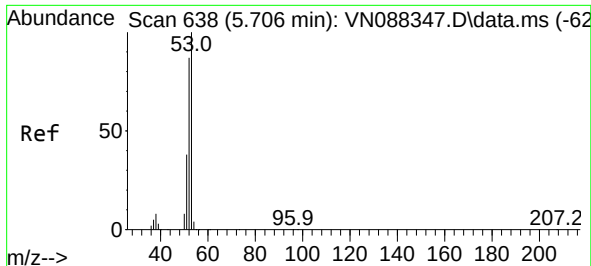


#14
Allyl chloride
Concen: 51.775 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



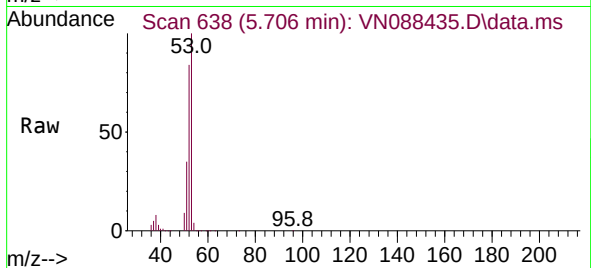
Tgt Ion: 41 Resp: 306267
Ion Ratio Lower Upper
41 100
39 83.9 64.7 97.1
76 34.6 29.1 43.7





#15
Acrylonitrile
Concen: 264.652 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

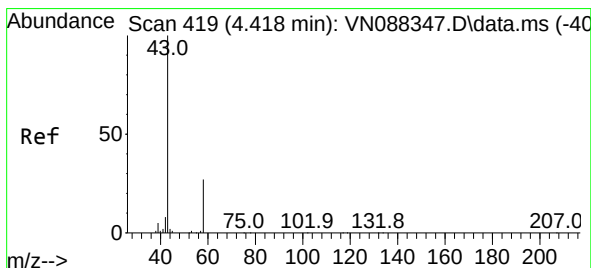
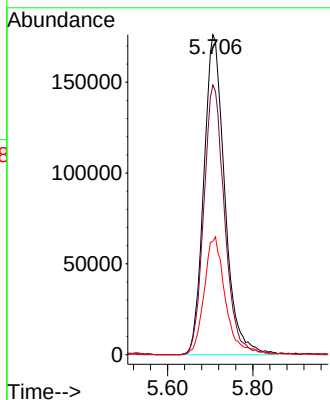
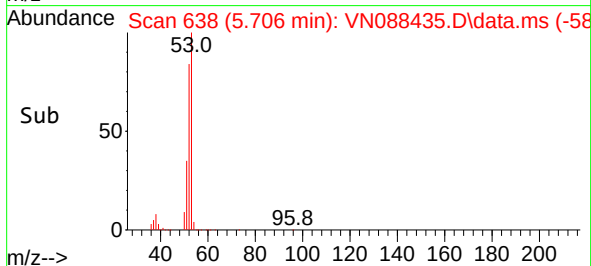
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 600753
Ion Ratio Lower Upper
53 100
52 83.6 67.8 101.6
51 37.3 29.8 44.8

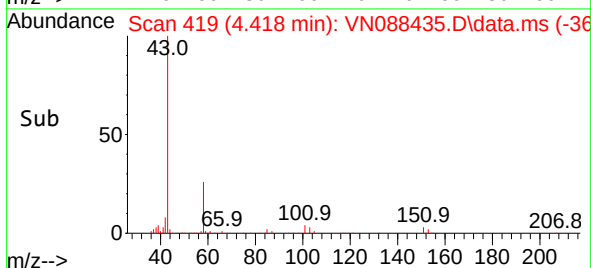
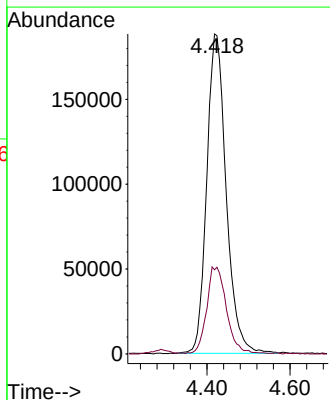
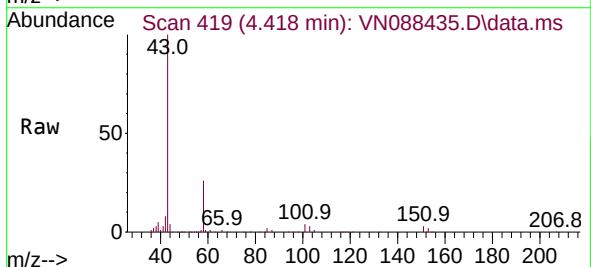
Manual Integrations
APPROVED

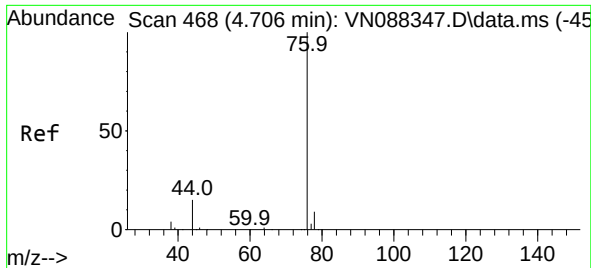
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 342.698 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

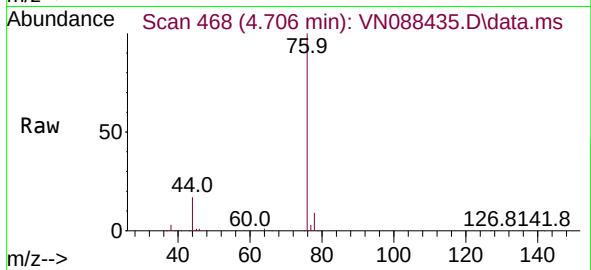
Tgt Ion: 43 Resp: 610751
Ion Ratio Lower Upper
43 100
58 26.1 21.7 32.5





#17
Carbon Disulfide
Concen: 50.673 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

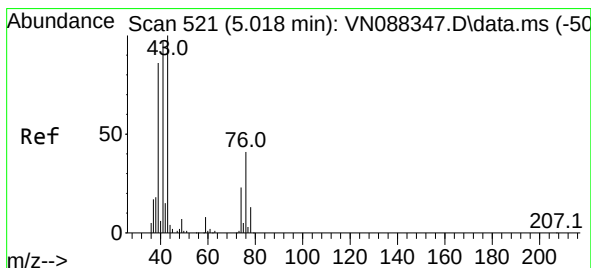
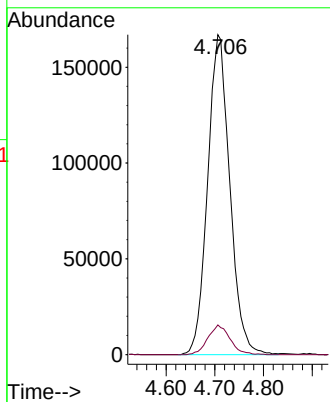
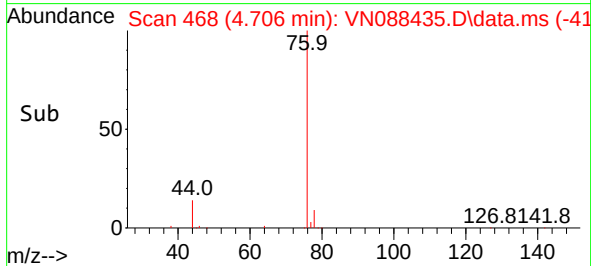
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



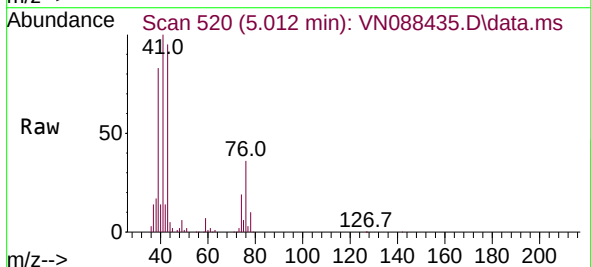
Tgt Ion: 76 Resp: 52846
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

Manual Integrations
APPROVED

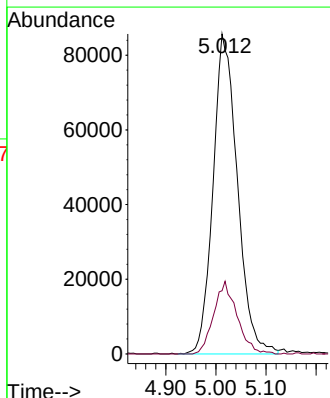
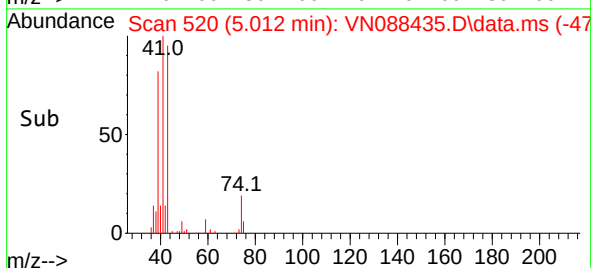
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

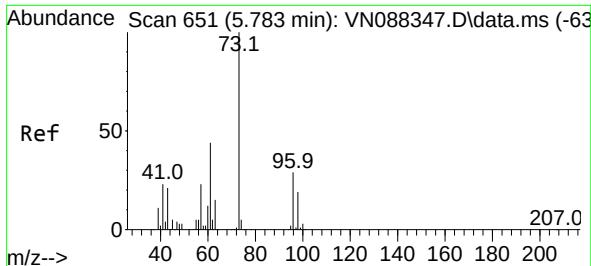


#18
Methyl Acetate
Concen: 54.497 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



Tgt Ion: 43 Resp: 289103
Ion Ratio Lower Upper
43 100
74 21.7 17.9 26.9





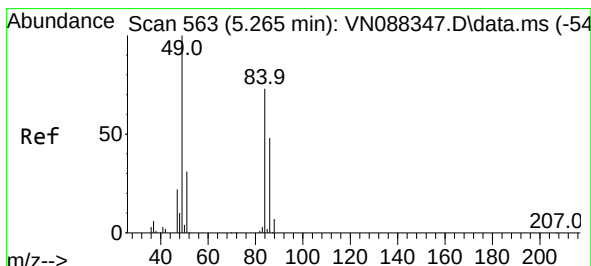
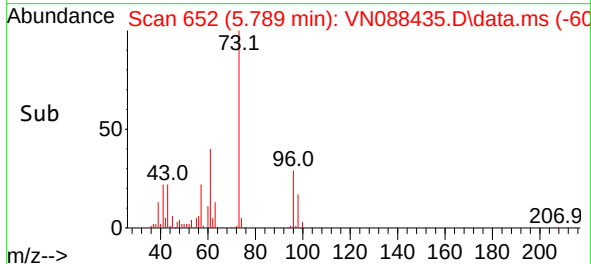
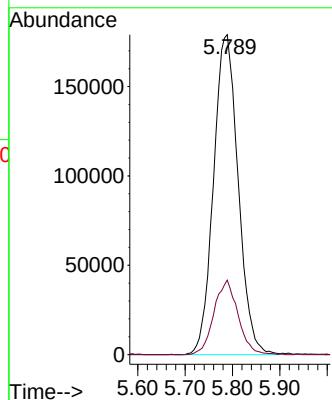
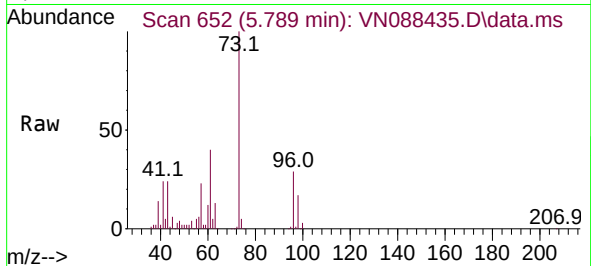
#19
Methyl tert-butyl Ether
Concen: 54.078 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 646629
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

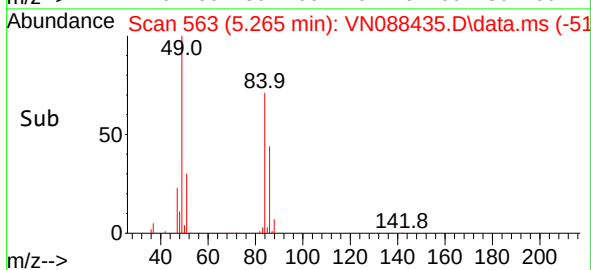
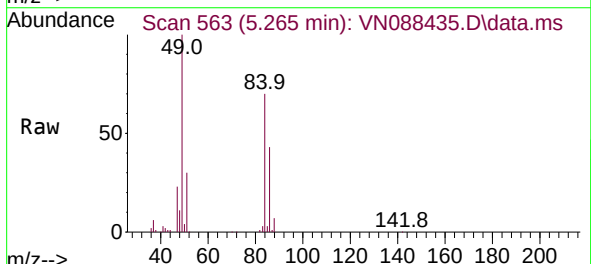
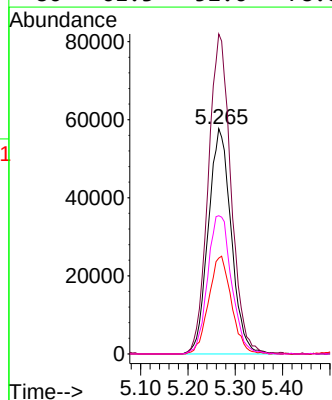
Manual Integrations
APPROVED

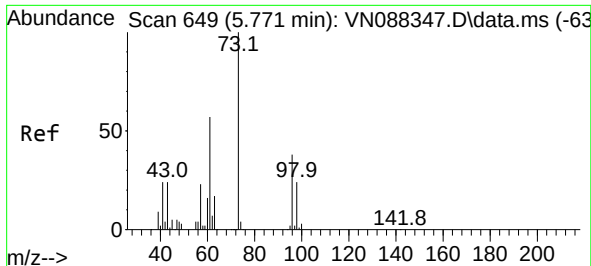
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 50.897 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

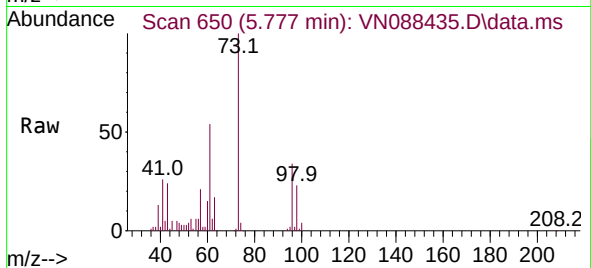
Tgt Ion: 84 Resp: 194072
Ion Ratio Lower Upper
84 100
49 142.1 110.2 165.2
51 42.6 34.1 51.1
86 61.3 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 53.395 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

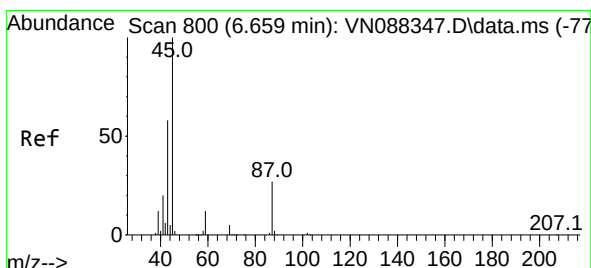
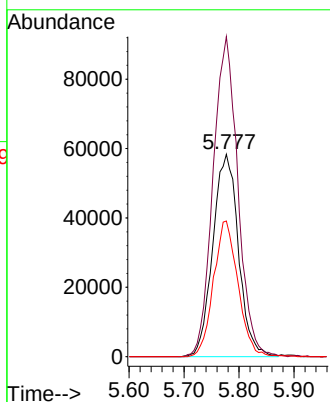
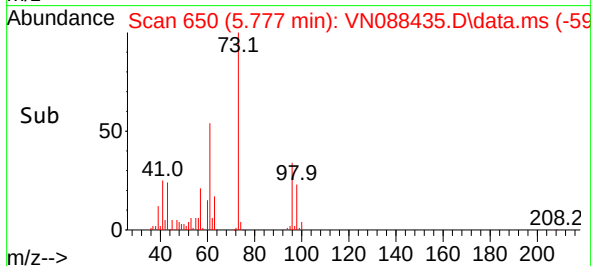
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



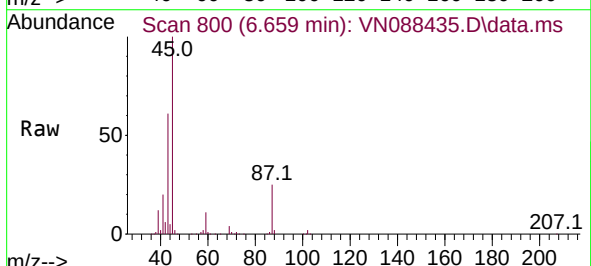
Tgt Ion: 96 Resp: 188772
Ion Ratio Lower Upper
96 100
61 158.2 122.4 183.6
98 67.1 50.9 76.3

Manual Integrations
APPROVED

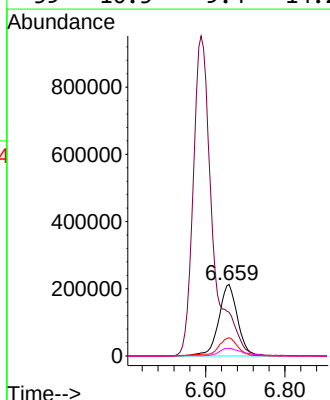
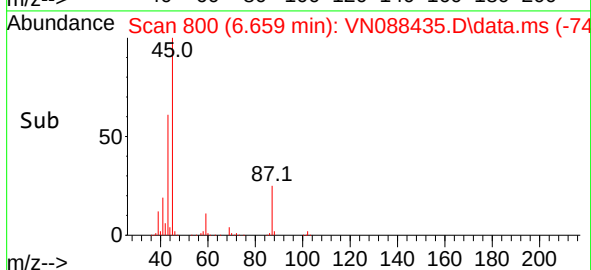
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

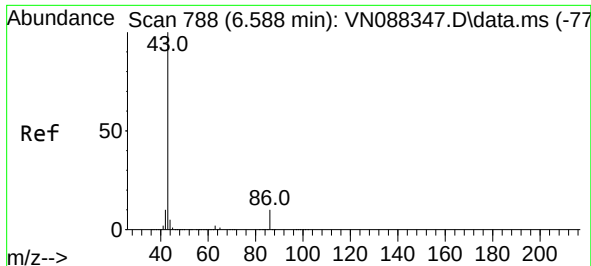


#22
Diisopropyl ether
Concen: 55.347 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



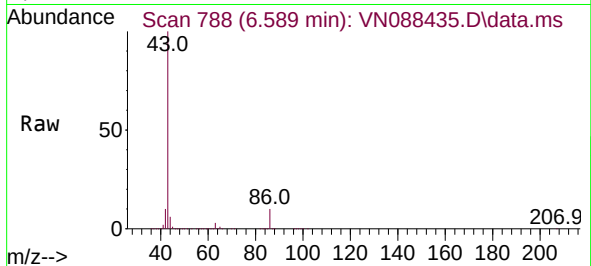
Tgt Ion: 45 Resp: 698981
Ion Ratio Lower Upper
45 100
43 60.5 47.4 71.2
87 25.4 21.9 32.9
59 10.5 9.4 14.2





#23
 Vinyl Acetate
 Concen: 312.656 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088435.D
 Acq: 03 Dec 2025 17:18

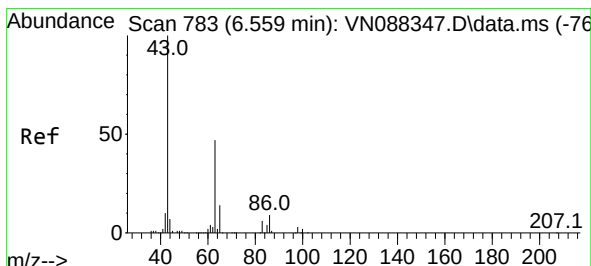
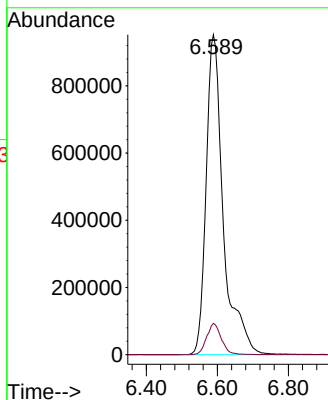
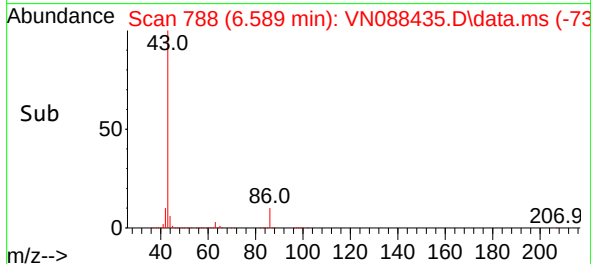
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



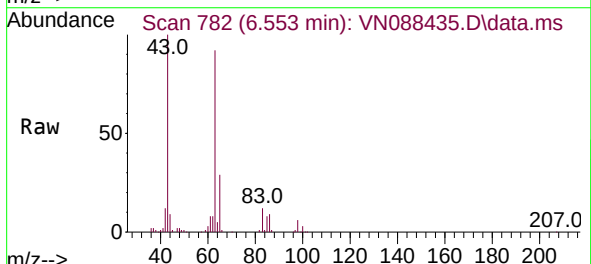
Tgt Ion: 43 Resp: 3181262
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

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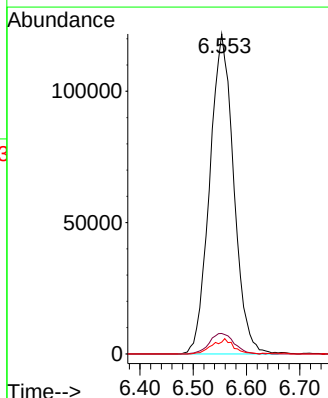
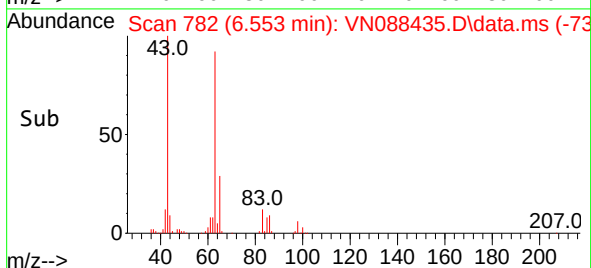
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

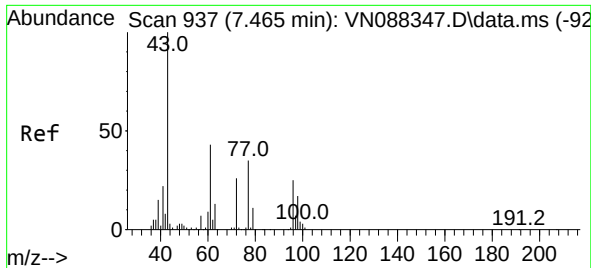


#24
 1,1-Dichloroethane
 Concen: 53.397 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088435.D
 Acq: 03 Dec 2025 17:18



Tgt Ion: 63 Resp: 381884
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 3.7 1.9 5.7





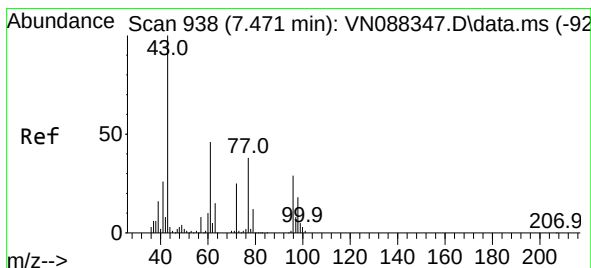
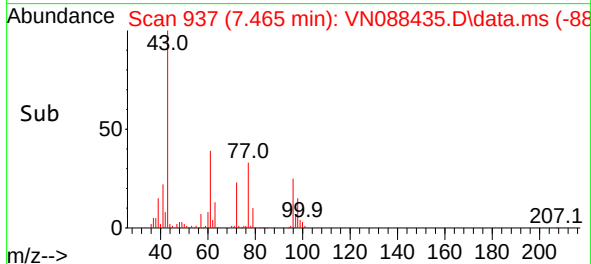
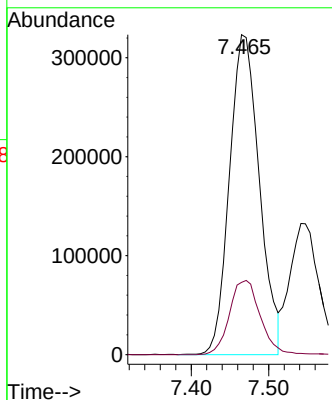
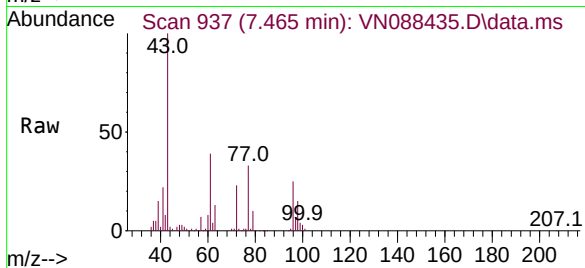
#25
2-Butanone
Concen: 302.861 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 867718
Ion Ratio Lower Upper
43 100
72 22.6 20.5 30.7

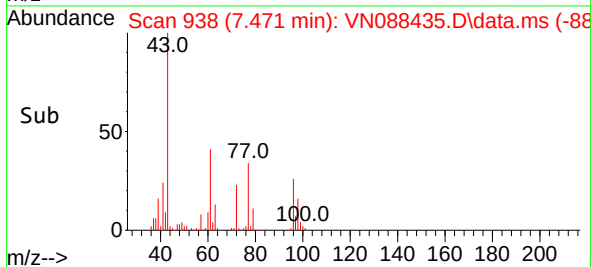
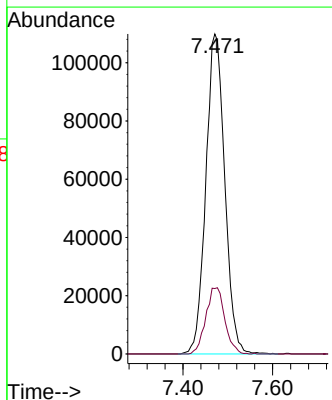
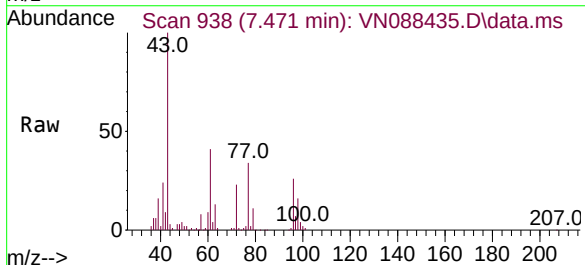
Manual Integrations
APPROVED

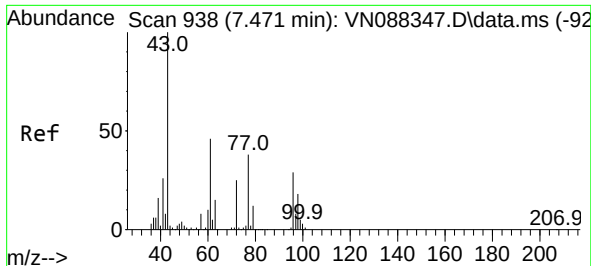
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 52.069 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

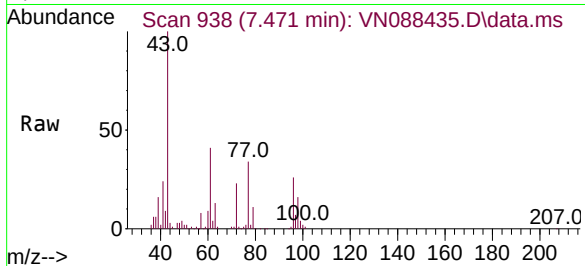
Tgt Ion: 77 Resp: 321430
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 53.191 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

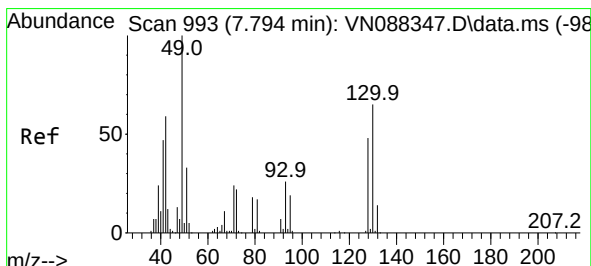
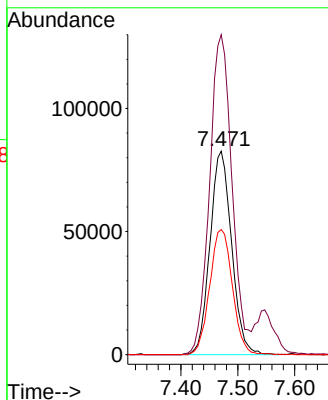
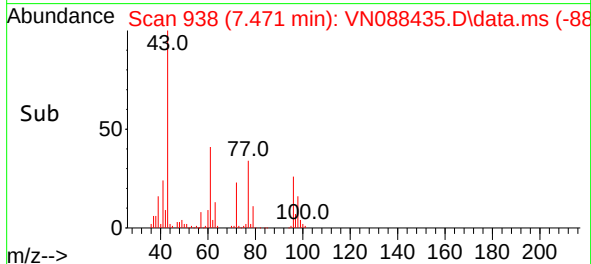
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 218545
Ion Ratio Lower Upper
96 100
61 163.5 0.0 323.6
98 64.4 0.0 127.2

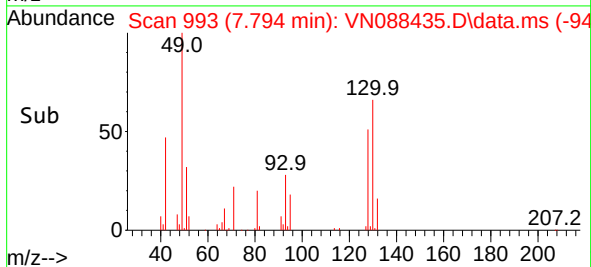
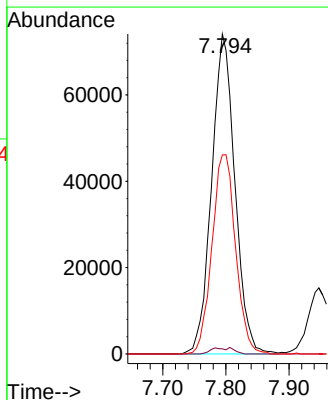
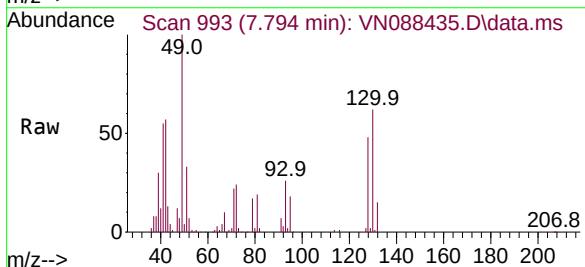
Manual Integrations
APPROVED

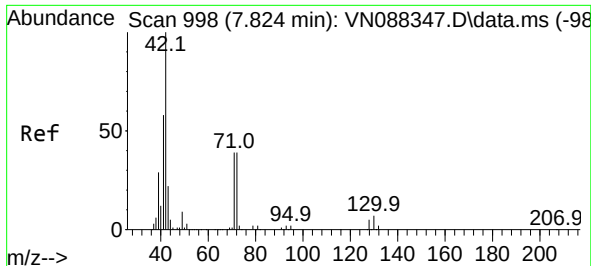
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#28
Bromochloromethane
Concen: 53.221 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion: 49 Resp: 189611
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.6
130 63.1 51.1 76.7





#29

Tetrahydrofuran

Concen: 272.421 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088435.D

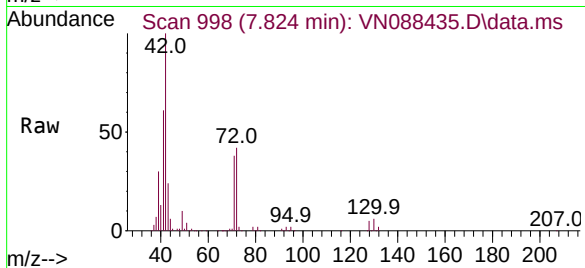
Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



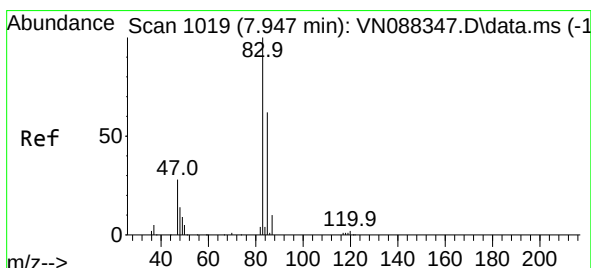
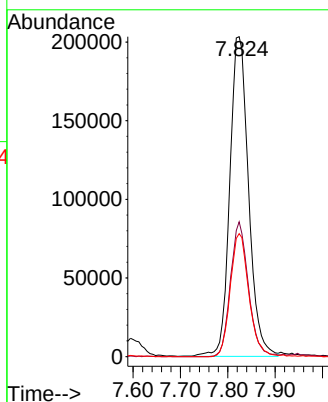
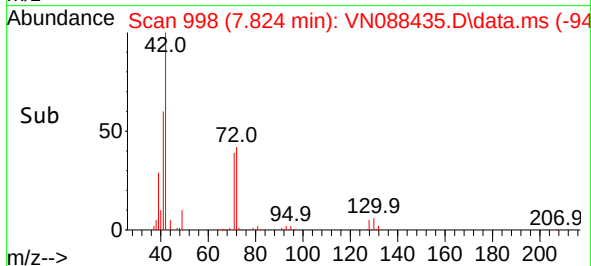
Tgt Ion:	42	Resp:	559833
Ion Ratio	100	Lower	Upper
42	100		
72	40.3	32.2	48.4
71	38.2	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 55.347 ug/l

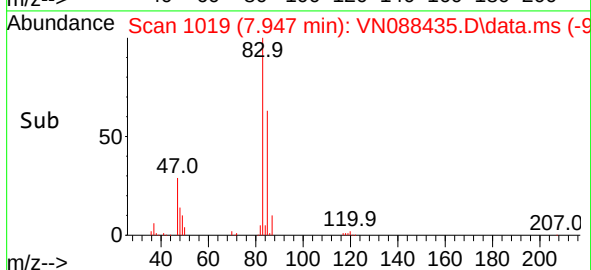
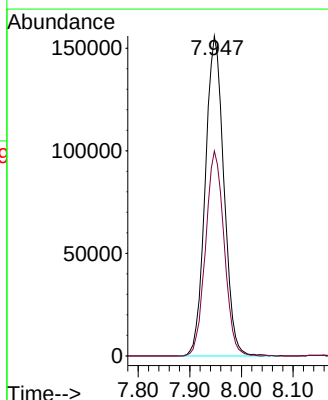
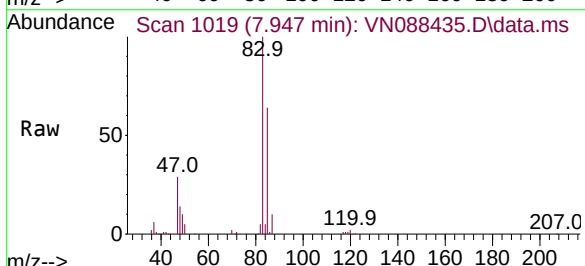
RT: 7.947 min Scan# 1019

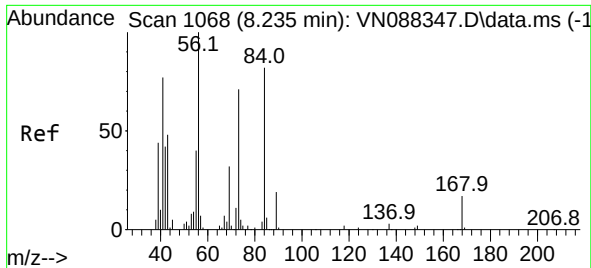
Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

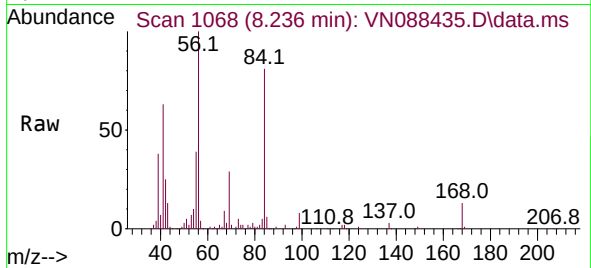
Tgt Ion:	83	Resp:	388945
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	49.8	74.8





#31
Cyclohexane
Concen: 51.026 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

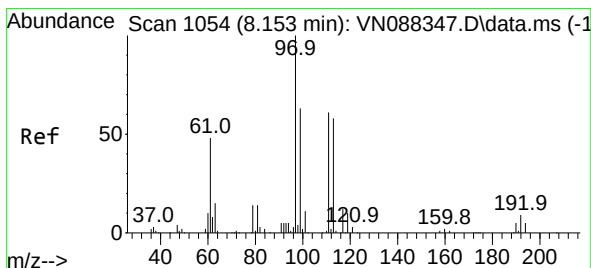
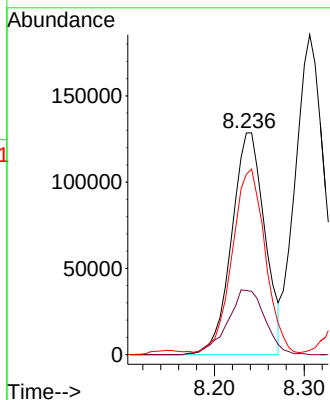
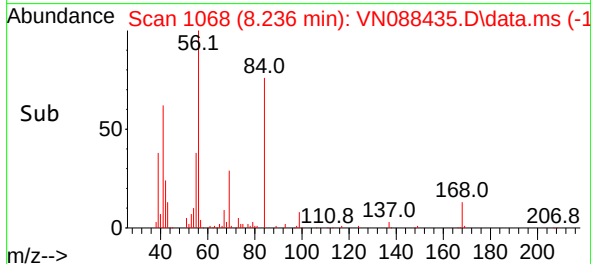
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 330700
Ion Ratio Lower Upper
56 100
69 28.9 25.3 37.9
84 79.9 65.4 98.2

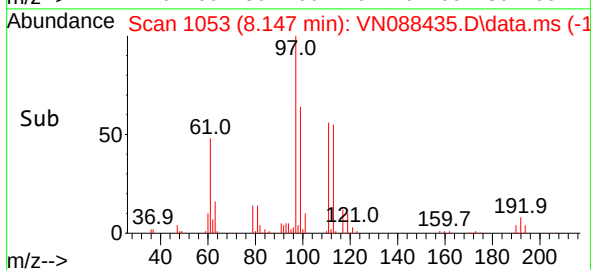
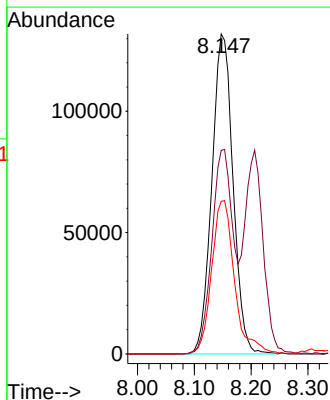
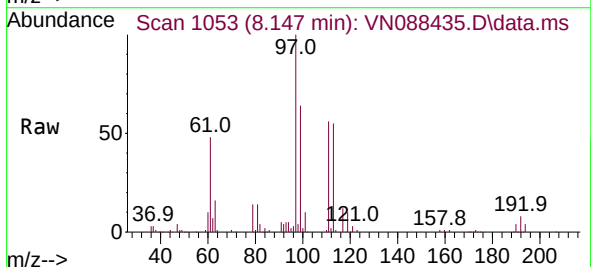
Manual Integrations
APPROVED

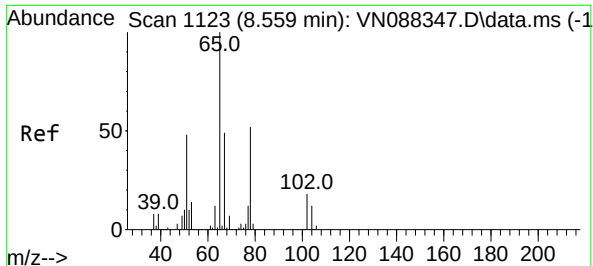
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 55.156 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion: 97 Resp: 340803
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 51.9 42.2 63.2





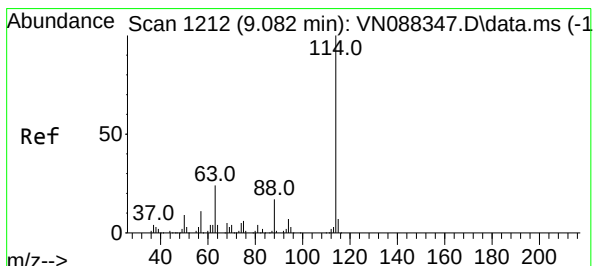
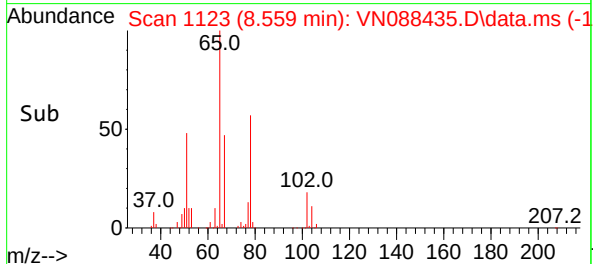
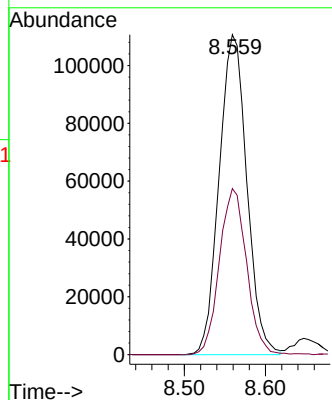
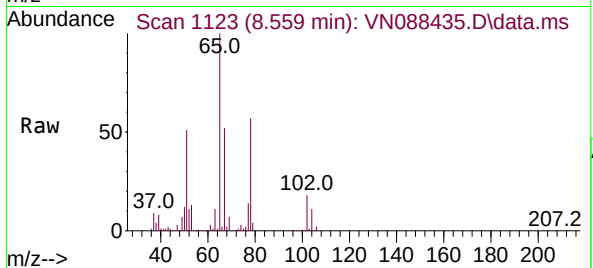
#33
1,2-Dichloroethane-d4
Concen: 53.227 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 262295
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8

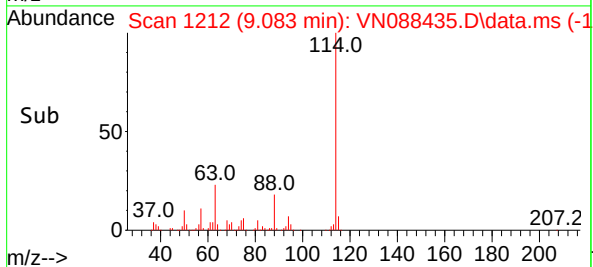
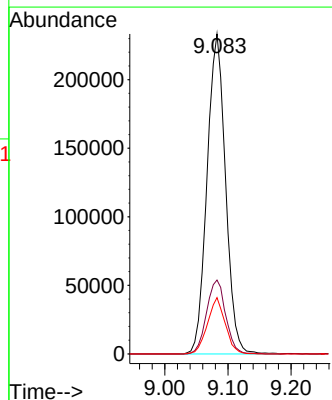
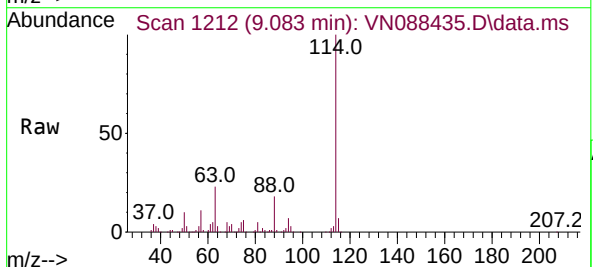
Manual Integrations
APPROVED

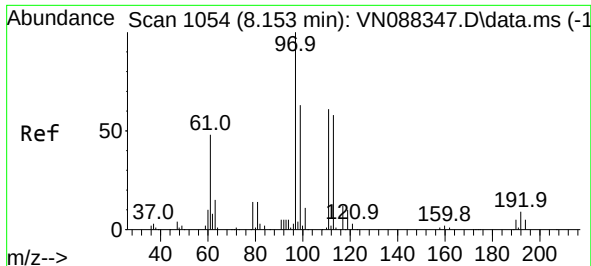
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

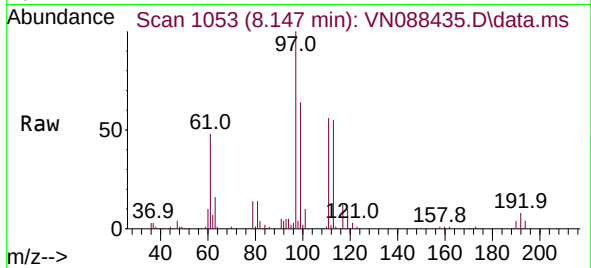
Tgt Ion:114 Resp: 475071
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.0
88 17.6 0.0 34.0





#35
Dibromofluoromethane
Concen: 53.285 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

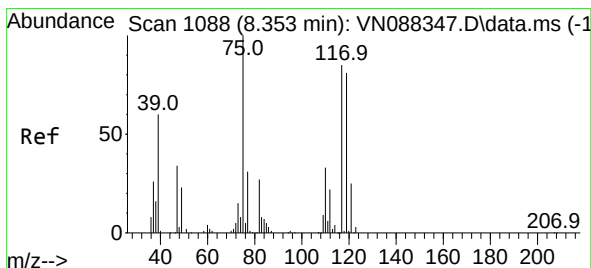
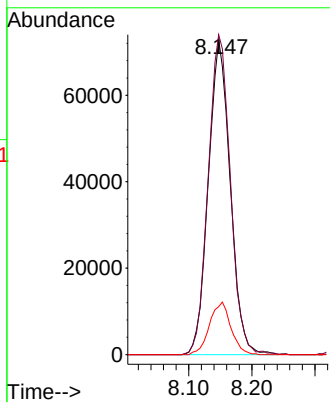
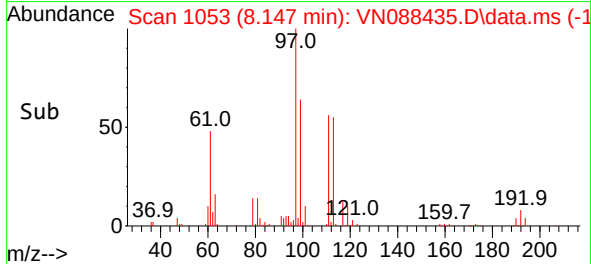
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 175427
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 16.3 12.8 19.2

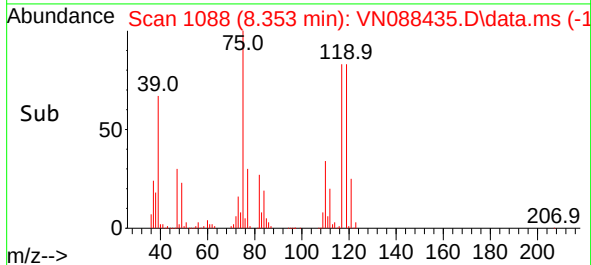
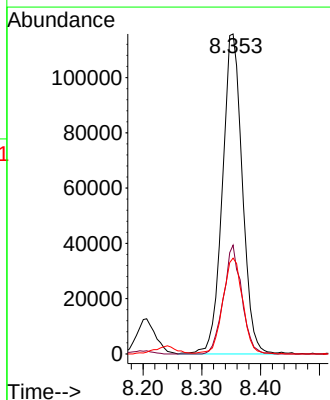
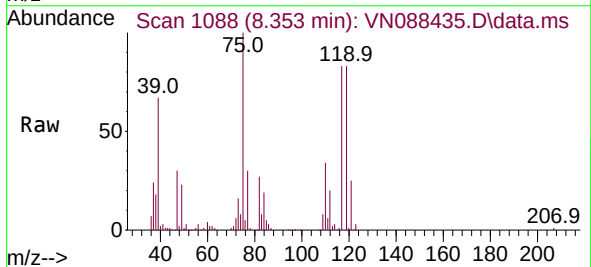
Manual Integrations
APPROVED

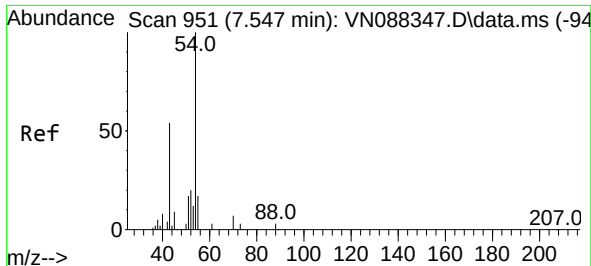
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 53.580 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion: 75 Resp: 272238
Ion Ratio Lower Upper
75 100
110 31.2 15.8 47.4
77 29.9 24.2 36.2





#37

Ethyl Acetate

Concen: 54.146 ug/l

RT: 7.542 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 361740

Ion Ratio Lower Upper

43 100

61 11.1 9.5 14.3

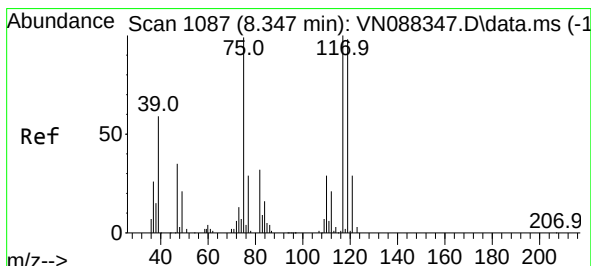
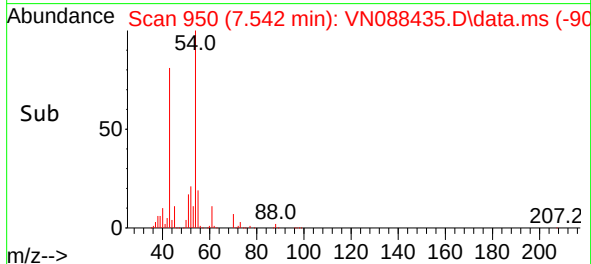
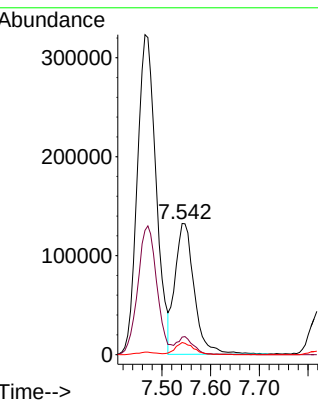
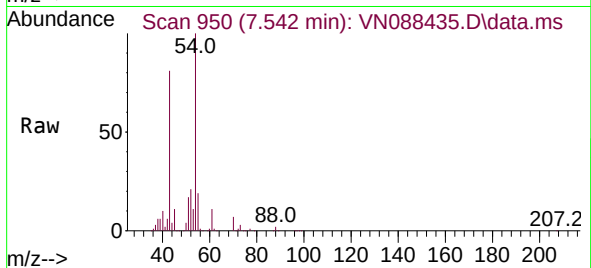
70 8.4 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 57.332 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

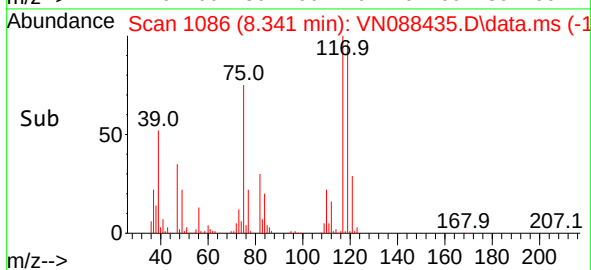
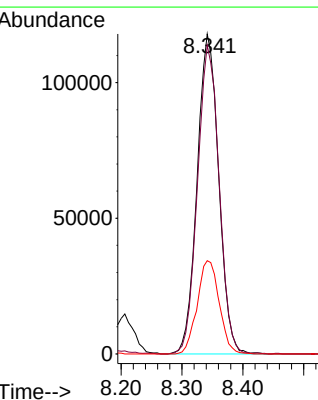
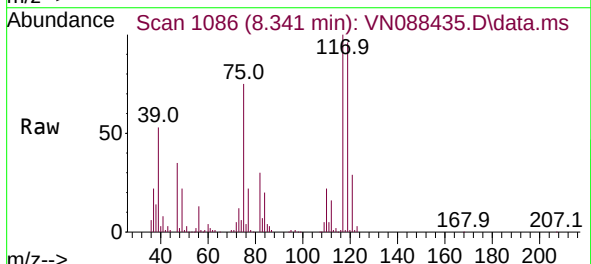
Tgt Ion:117 Resp: 289987

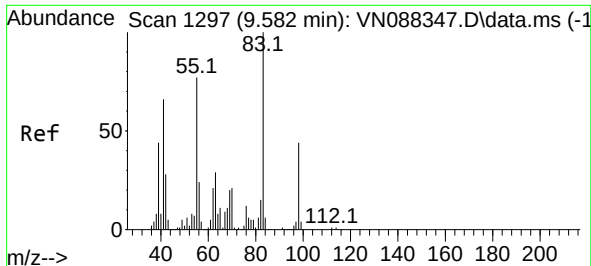
Ion Ratio Lower Upper

117 100

119 96.4 78.2 117.4

121 29.1 23.4 35.2





#39

Methylcyclohexane

Concen: 55.669 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

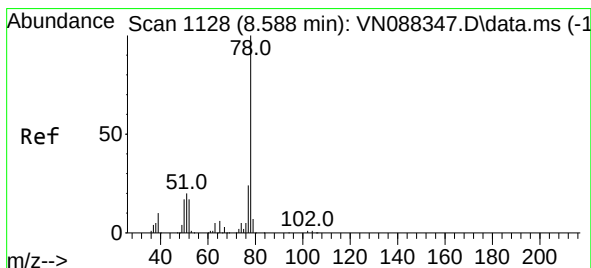
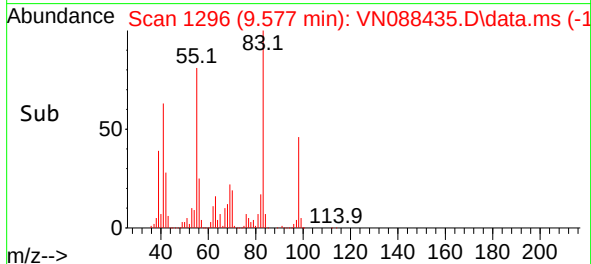
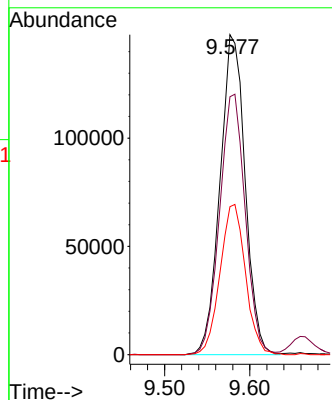
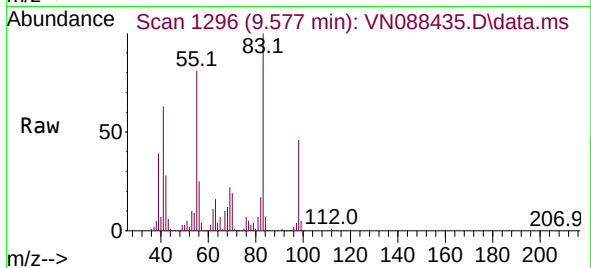
Tgt Ion:	83	Resp:	30254
Ion Ratio	Lower	Upper	
83	100		
55	80.6	61.6	92.4
98	46.2	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 53.540 ug/l

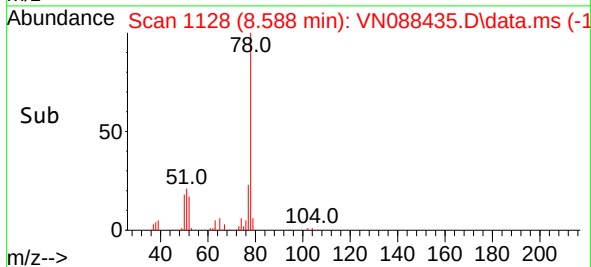
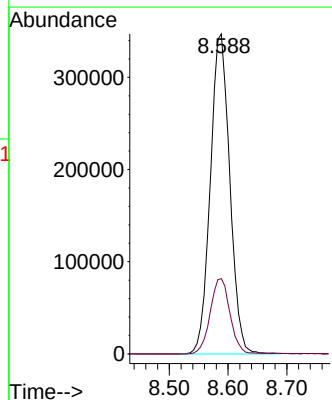
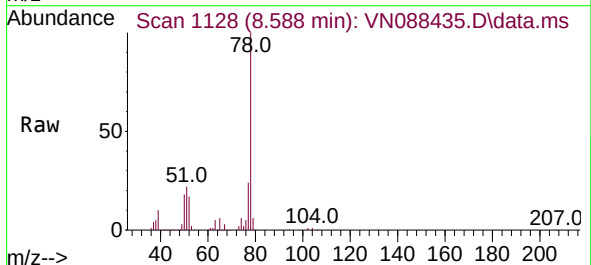
RT: 8.588 min Scan# 1128

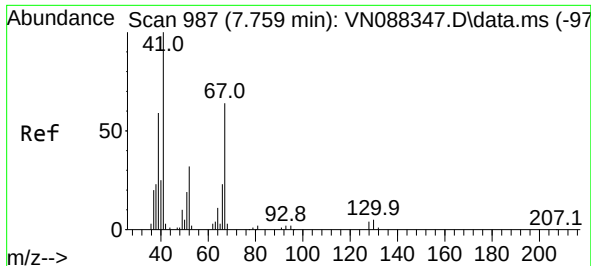
Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

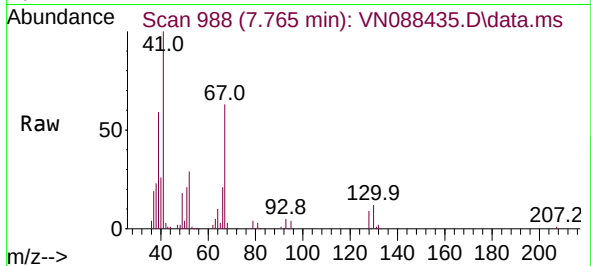
Tgt Ion:	78	Resp:	798416
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.0	28.4





#41
Methacrylonitrile
Concen: 54.910 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

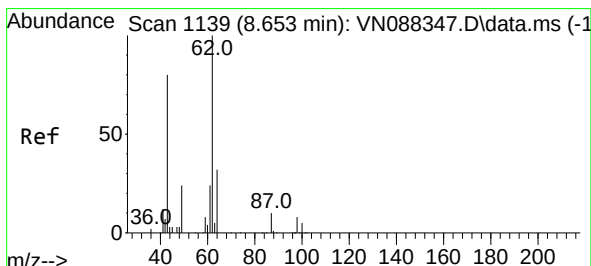
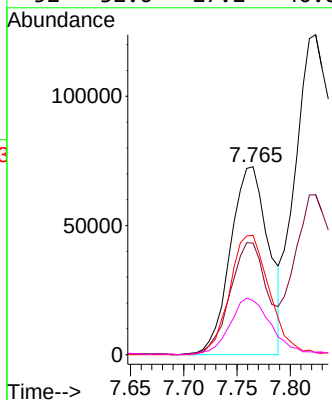
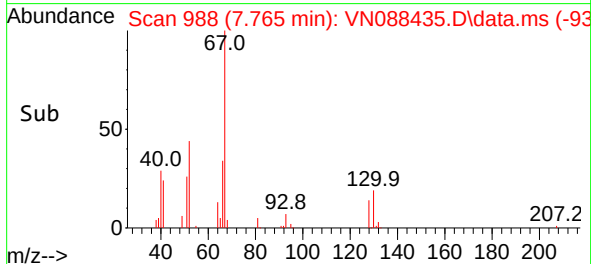
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 181695
Ion Ratio Lower Upper
41 100
39 58.4 46.3 69.5
67 66.6 54.7 82.1
52 32.6 27.2 40.8

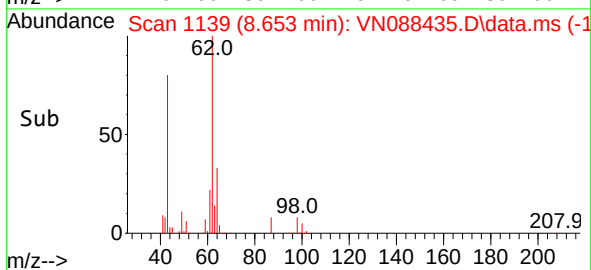
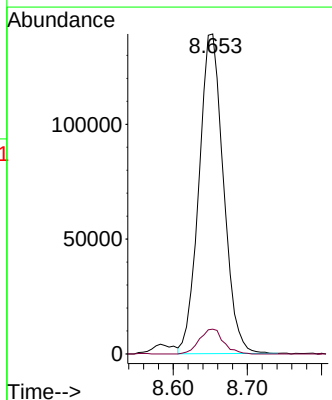
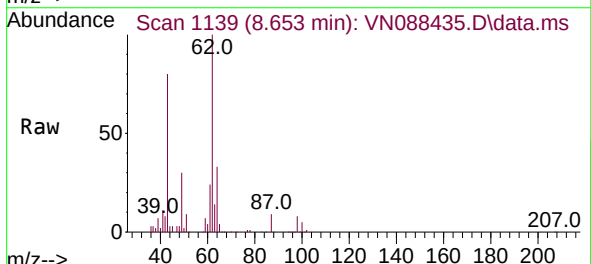
Manual Integrations
APPROVED

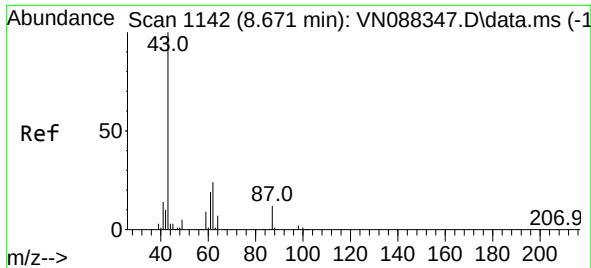
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 56.204 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

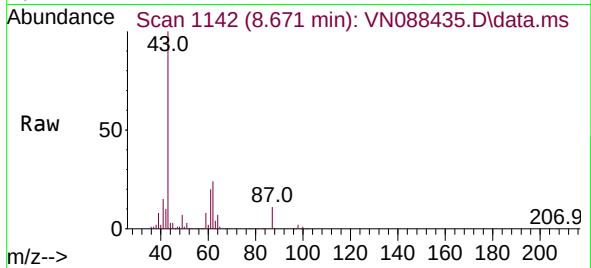
Tgt Ion: 62 Resp: 319774
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43
Isopropyl Acetate
Concen: 53.588 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

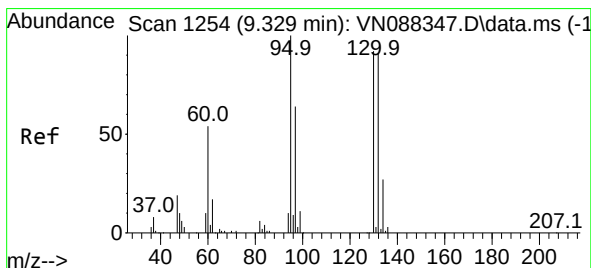
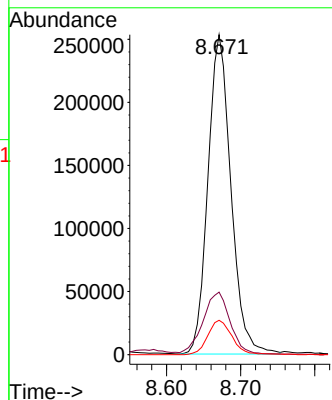
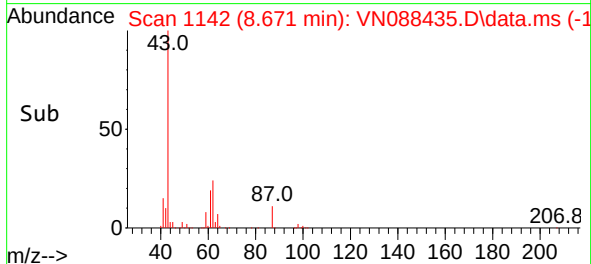
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 54700
Ion Ratio Lower Upper
43 100
61 23.1 18.7 28.1
87 11.3 9.1 13.7

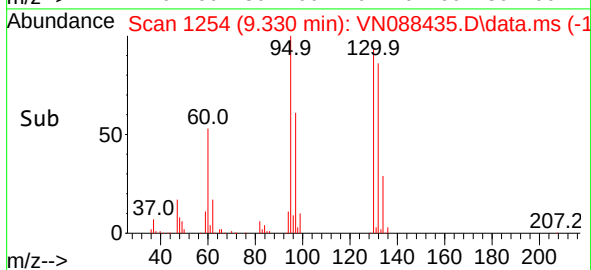
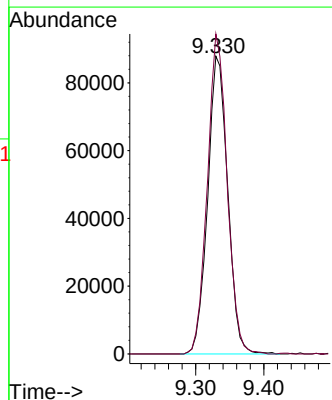
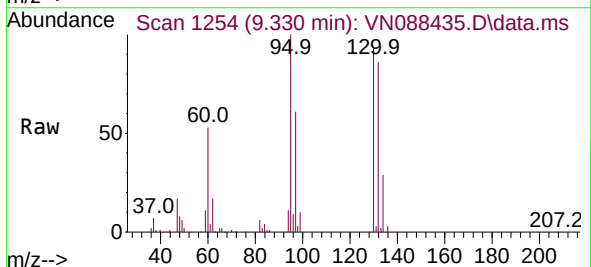
Manual Integrations
APPROVED

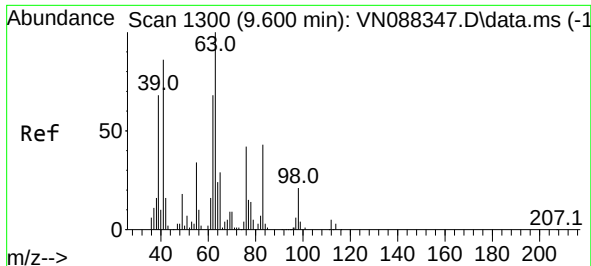
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 50.918 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion:130 Resp: 179417
Ion Ratio Lower Upper
130 100
95 107.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 54.266 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20733

Ion Ratio Lower Upper

63 100

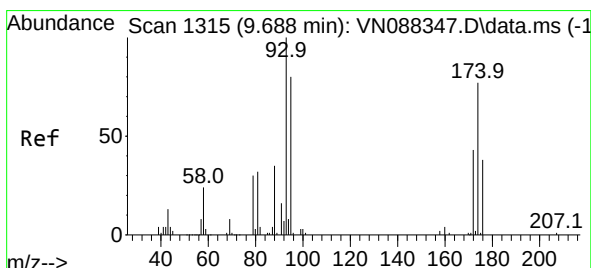
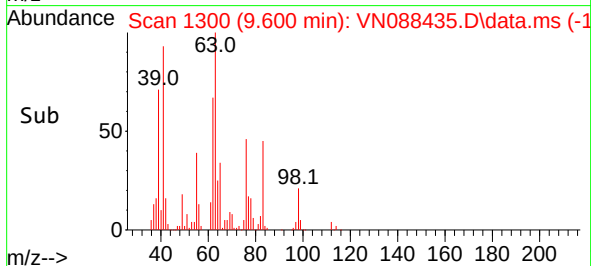
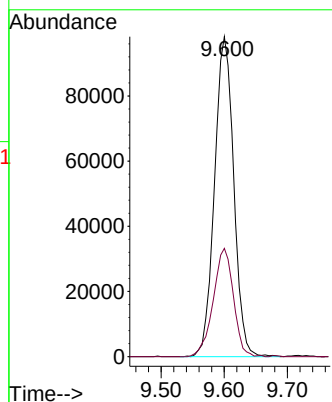
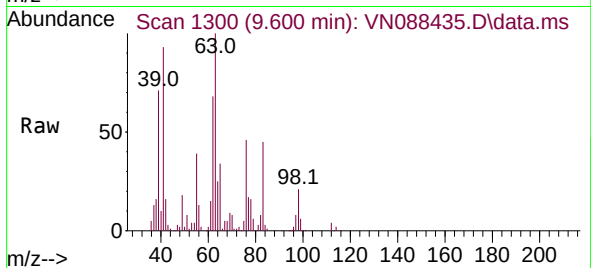
65 33.8 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 54.949 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

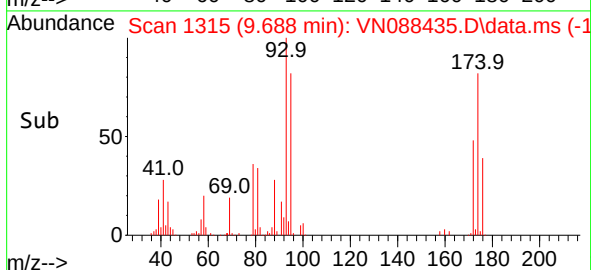
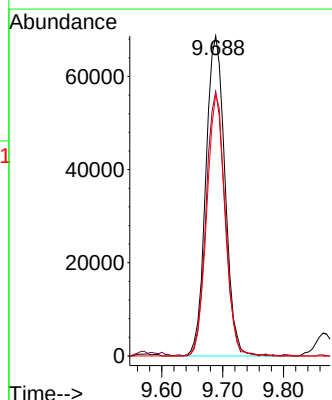
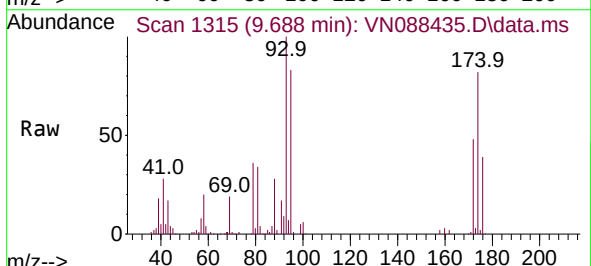
Tgt Ion: 93 Resp: 149831

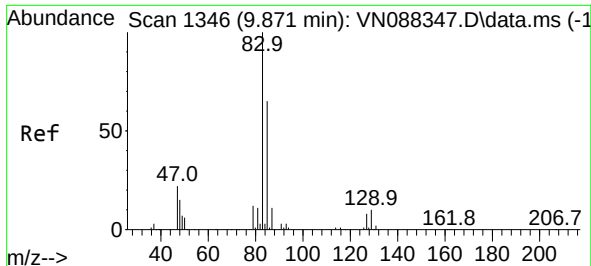
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.6

174 79.2 64.3 96.5





#47

Bromodichloromethane

Concen: 55.096 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088435.D

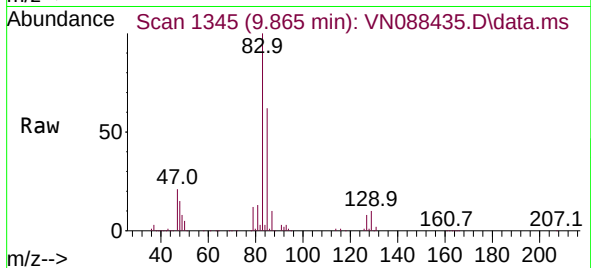
Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



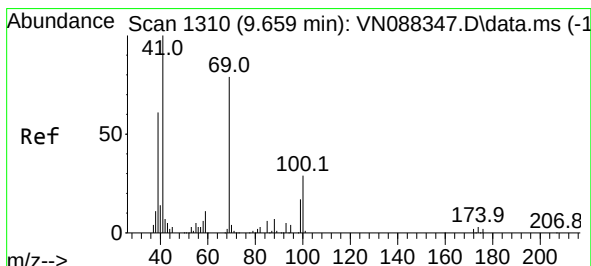
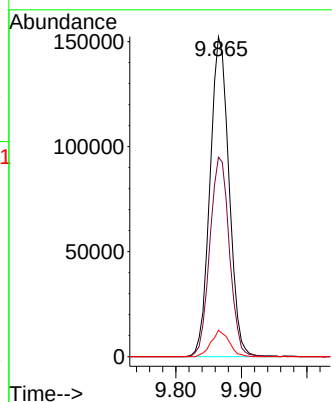
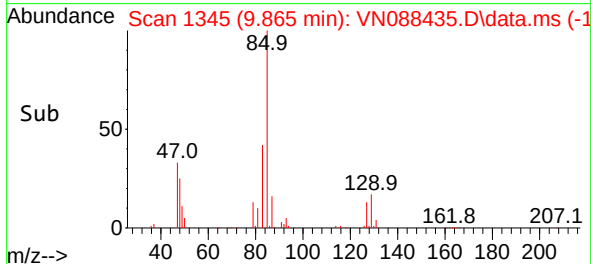
Tgt Ion:	83	Resp:	306532
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.9	77.9
127	8.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 56.165 ug/l

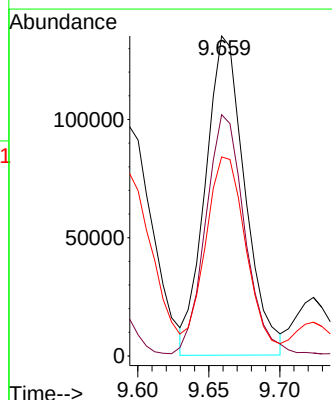
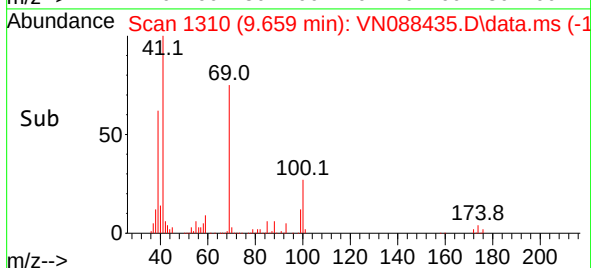
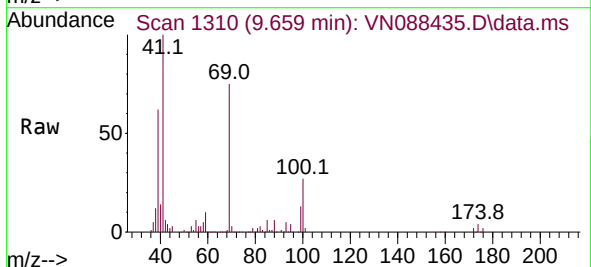
RT: 9.659 min Scan# 1310

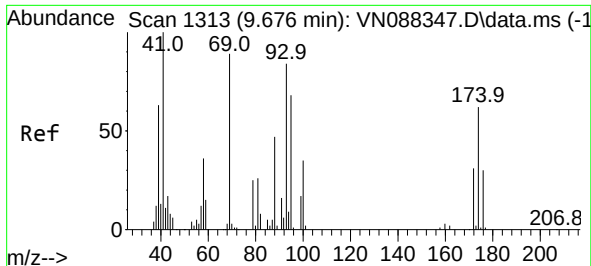
Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Tgt Ion:	41	Resp:	261582
Ion	Ratio	Lower	Upper
41	100		
69	75.5	62.4	93.6
39	64.7	52.6	79.0





#49

1,4-Dioxane

Concen: 986.284 ug/l

RT: 9.683 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

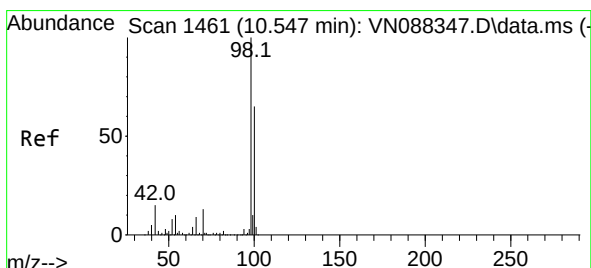
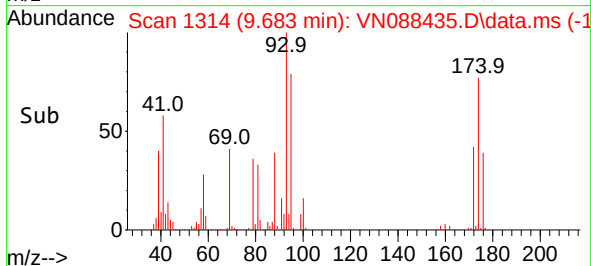
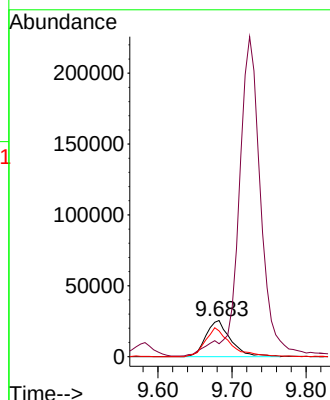
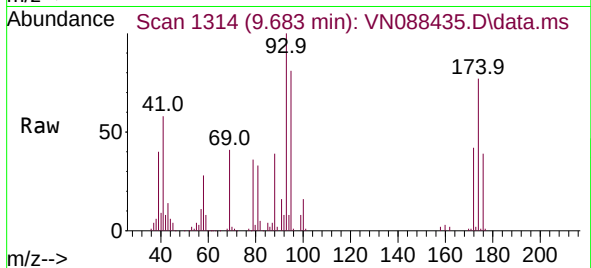
Tgt Ion: 88 Resp: 58417
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 82.0 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 52.475 ug/l

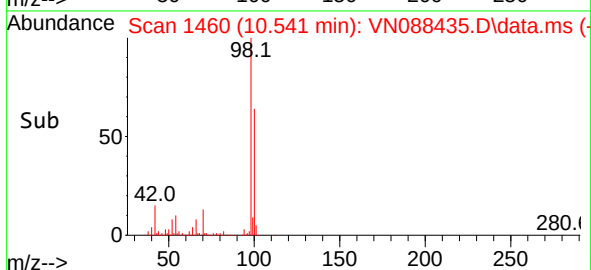
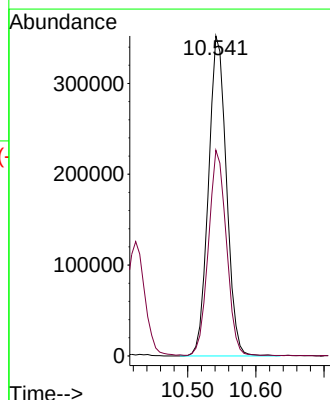
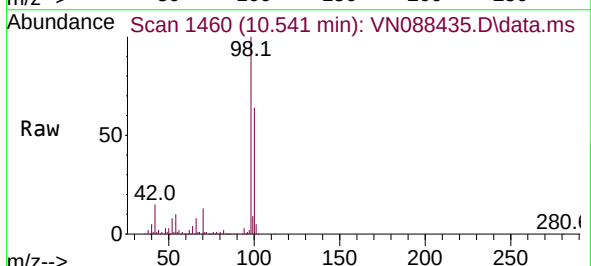
RT: 10.541 min Scan# 1460

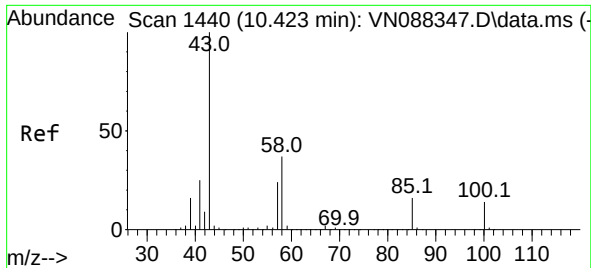
Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Tgt Ion: 98 Resp: 642796
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.2 78.2





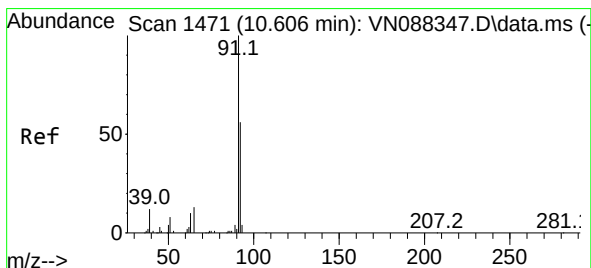
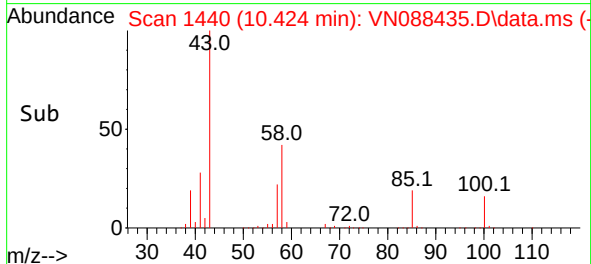
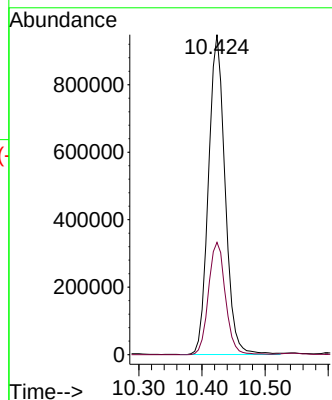
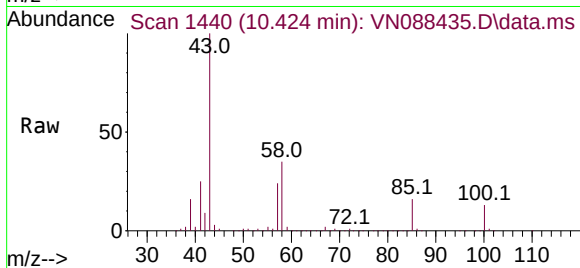
#51
4-Methyl-2-Pentanone
Concen: 287.825 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1731736
Ion Ratio Lower Upper
43 100
58 35.8 29.1 43.7

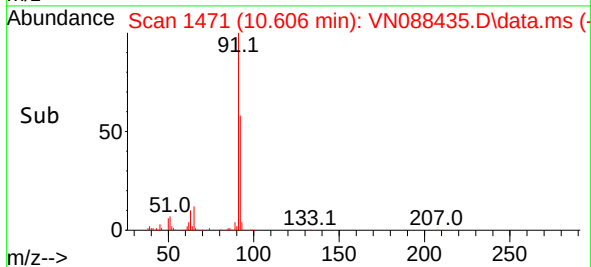
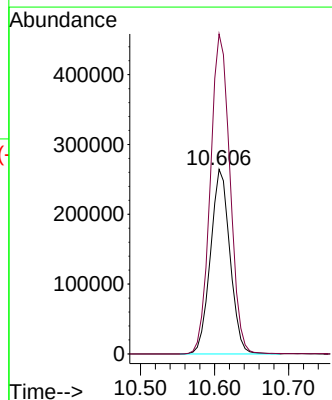
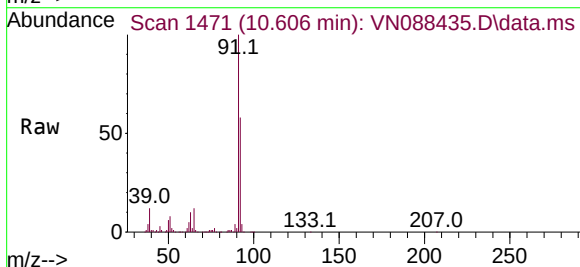
Manual Integrations
APPROVED

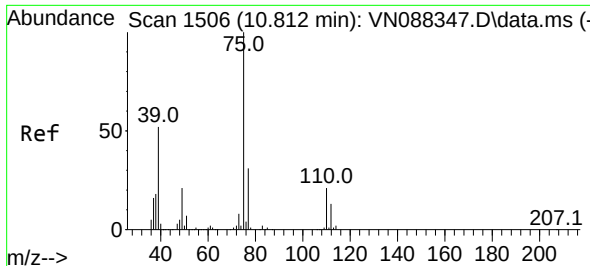
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 56.091 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

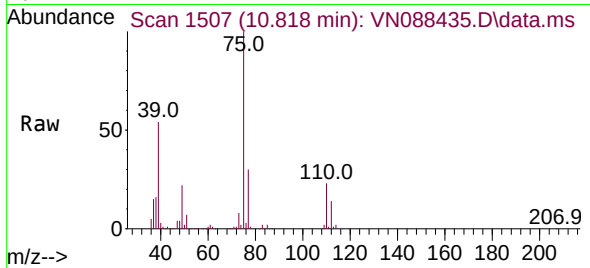
Tgt Ion: 92 Resp: 482989
Ion Ratio Lower Upper
92 100
91 175.6 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 54.545 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

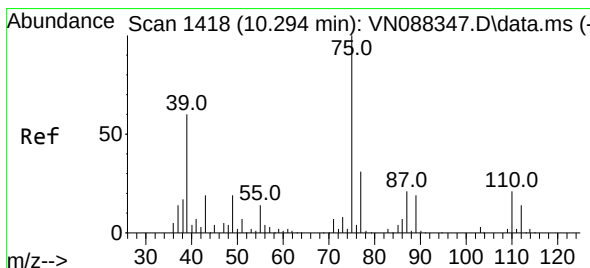
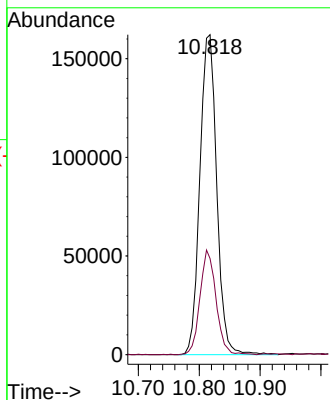
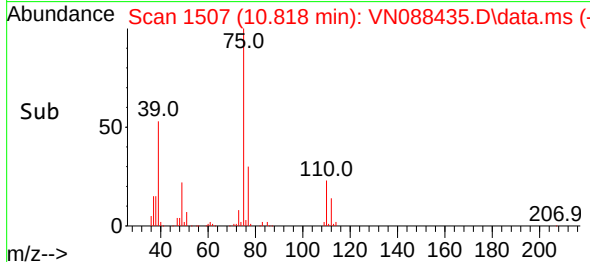
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 311489
Ion Ratio Lower Upper
75 100
77 30.0 24.8 37.2

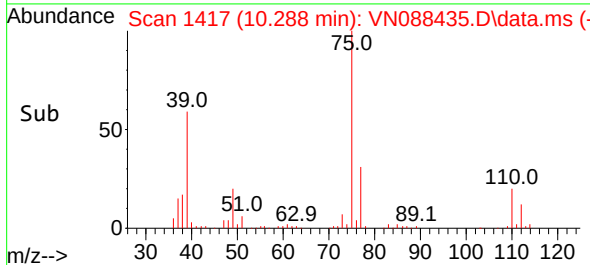
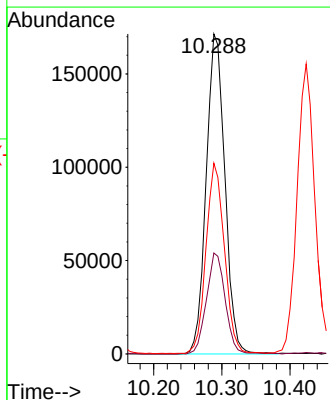
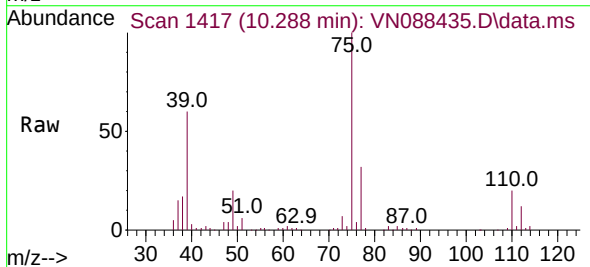
Manual Integrations
APPROVED

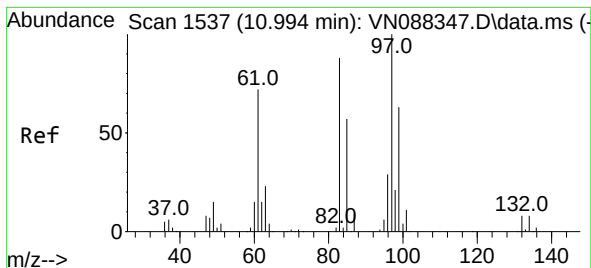
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 54.264 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

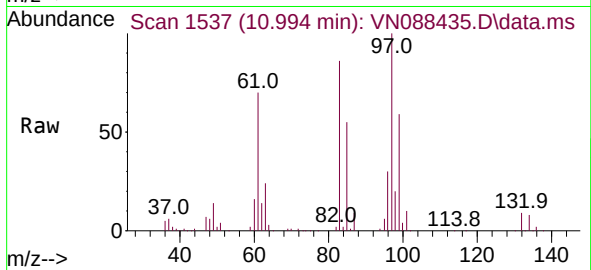
Tgt Ion: 75 Resp: 325884
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 59.4 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 55.304 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

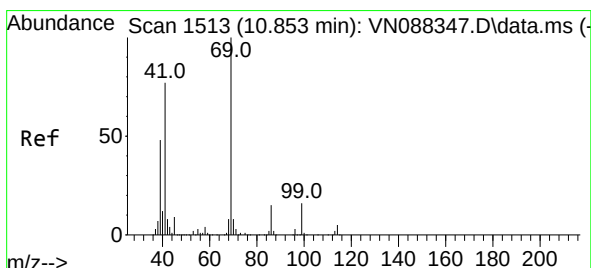
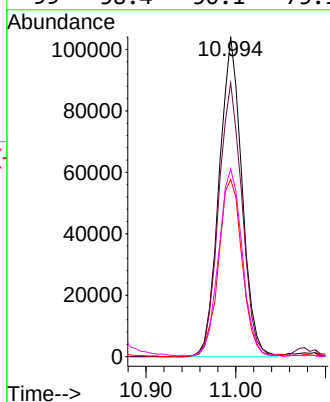
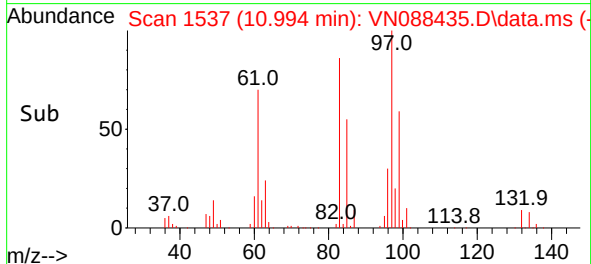
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



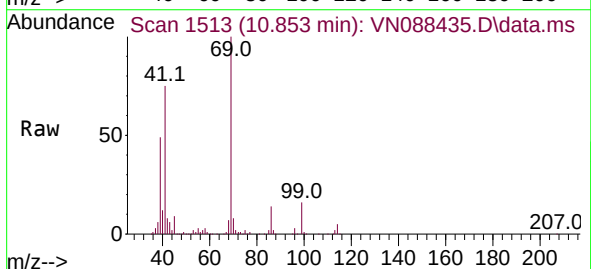
Tgt Ion: 97 Resp: 184249
Ion Ratio Lower Upper
97 100
83 85.5 70.4 105.6
85 55.3 45.4 68.2
99 58.4 50.1 75.1

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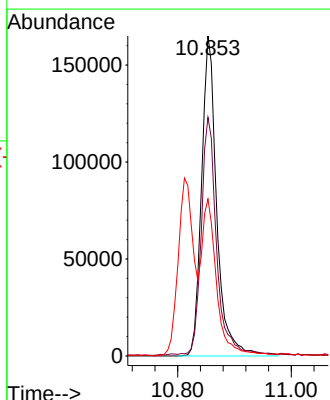
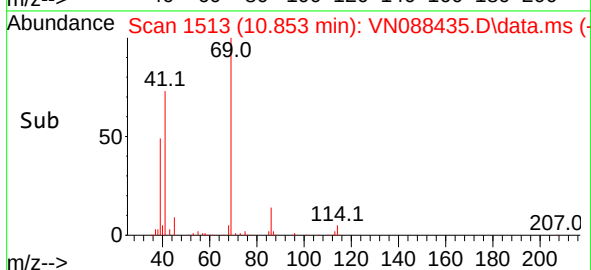
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

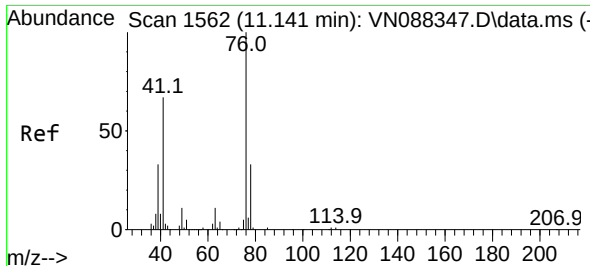


#56
Ethyl methacrylate
Concen: 58.365 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



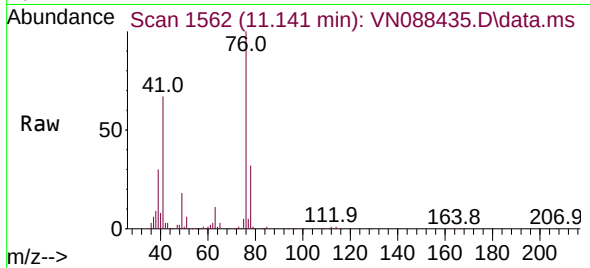
Tgt Ion: 69 Resp: 307145
Ion Ratio Lower Upper
69 100
41 73.9 59.6 89.4
39 46.5 36.4 54.6





#57
1,3-Dichloropropane
Concen: 54.769 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

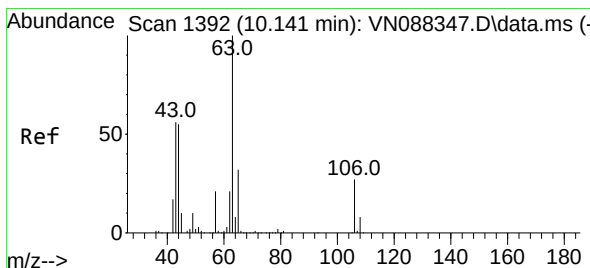
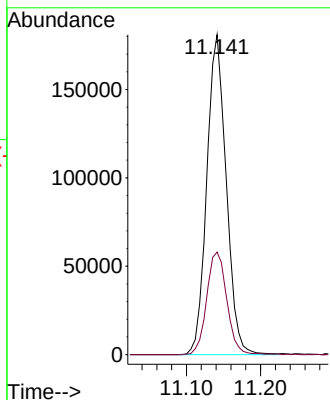
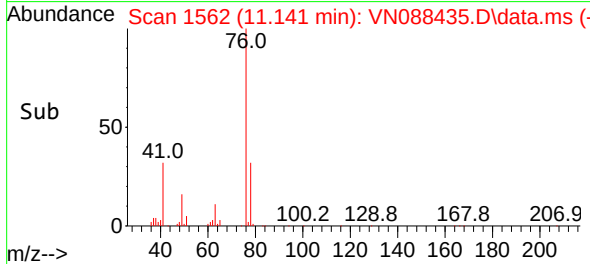
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 329176
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4

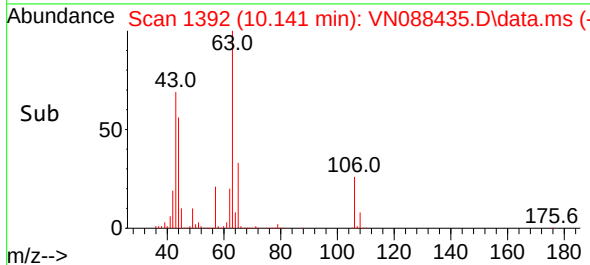
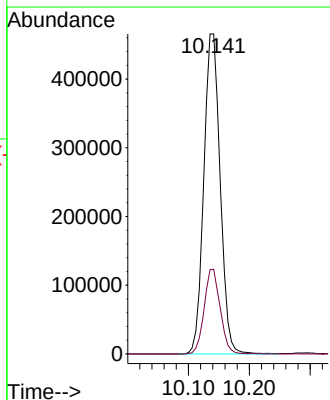
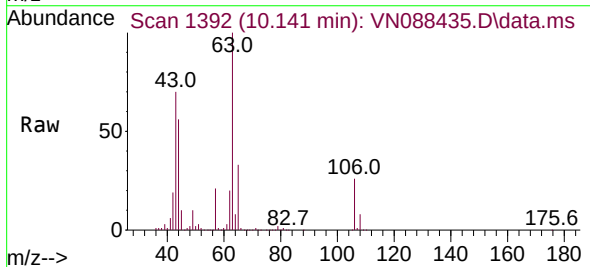
Manual Integrations
APPROVED

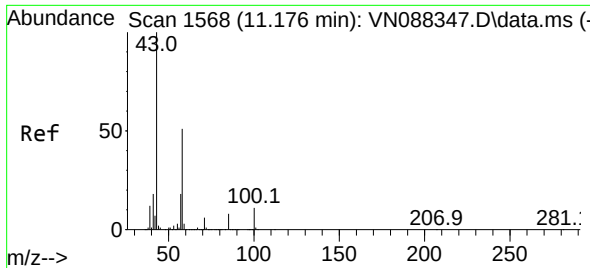
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 286.350 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

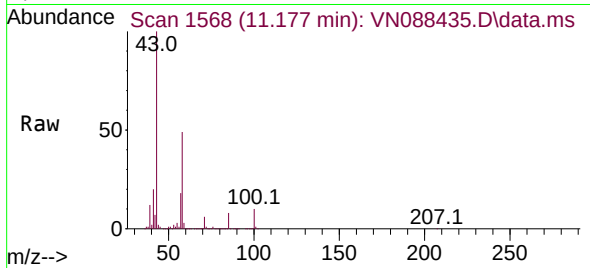
Tgt Ion: 63 Resp: 868763
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 308.163 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

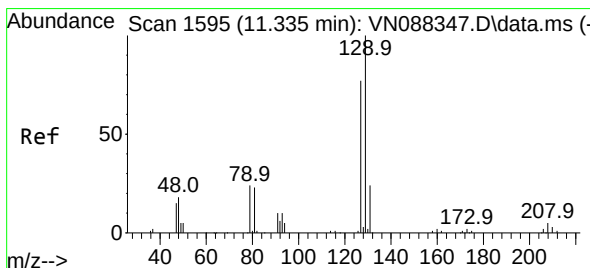
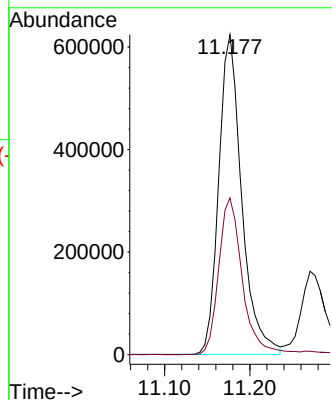
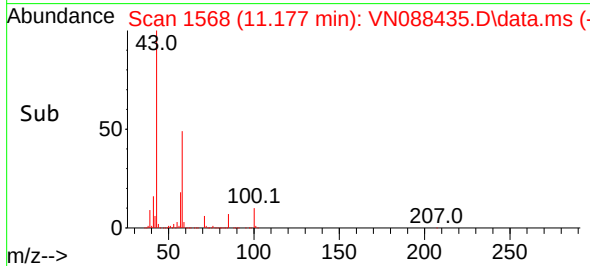
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1168000
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9

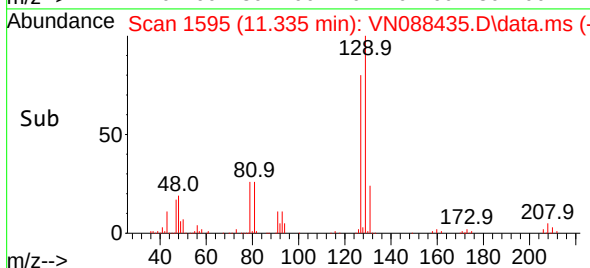
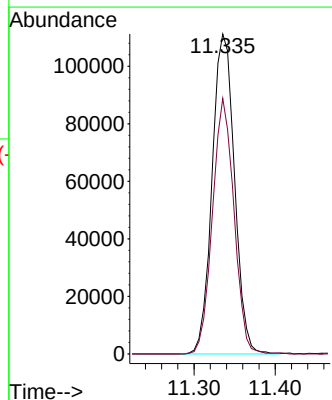
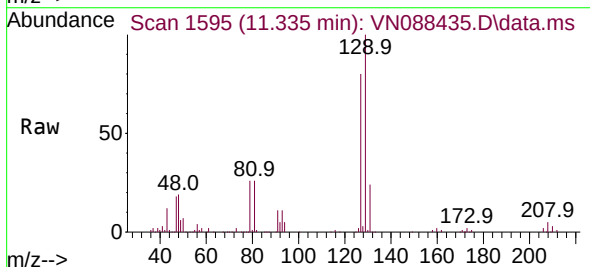
Manual Integrations
APPROVED

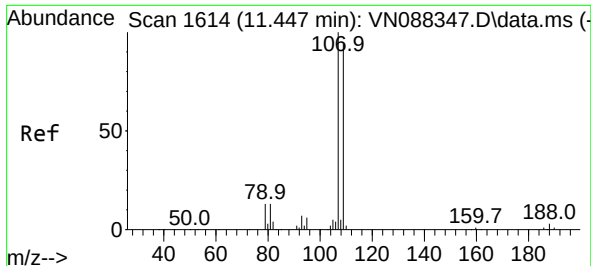
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 56.023 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

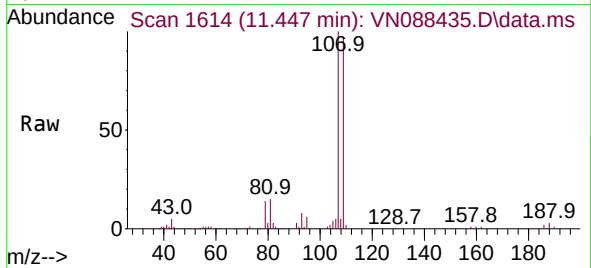
Tgt Ion:129 Resp: 212771
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 54.415 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

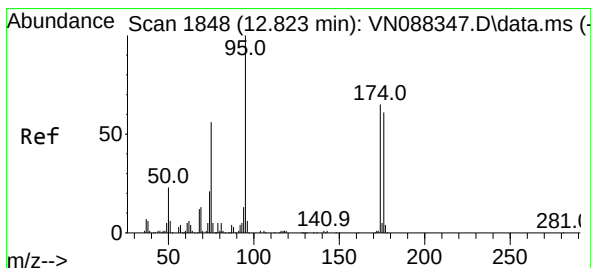
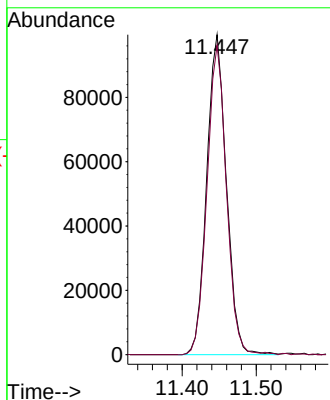
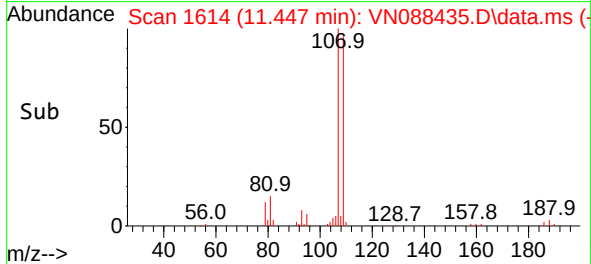
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



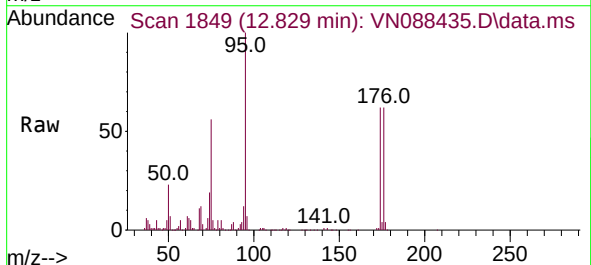
Tgt Ion:107 Resp: 183572
Ion Ratio Lower Upper
107 100
109 95.3 74.6 112.0

Manual Integrations
APPROVED

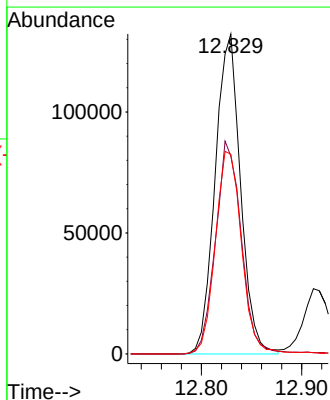
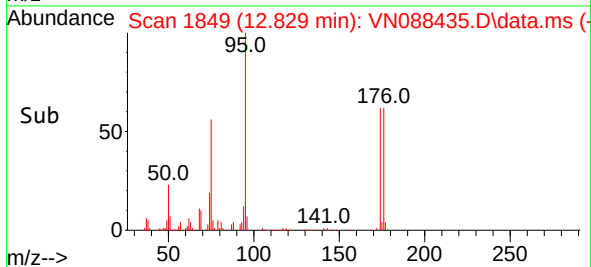
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

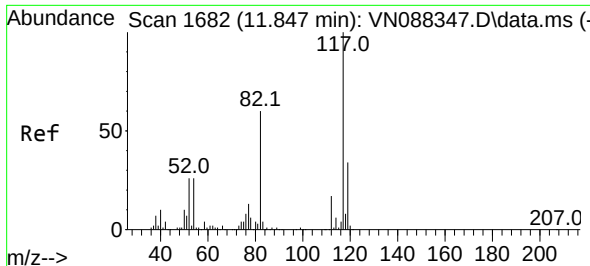


#62
4-Bromofluorobenzene
Concen: 55.381 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



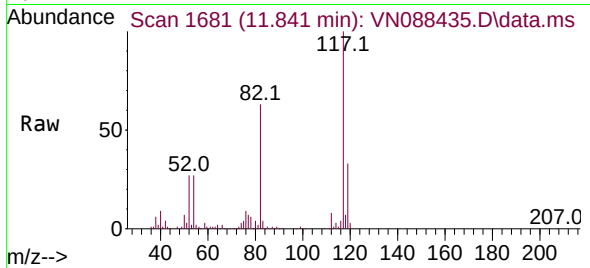
Tgt Ion: 95 Resp: 232769
Ion Ratio Lower Upper
95 100
174 67.9 0.0 139.0
176 66.0 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

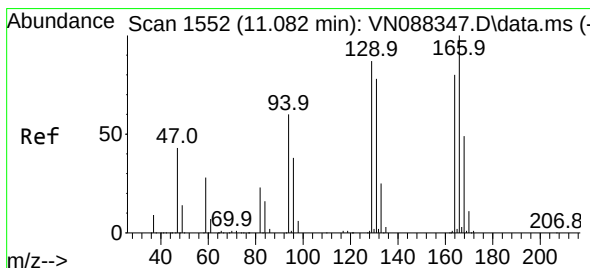
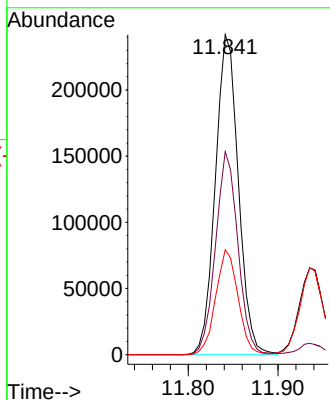
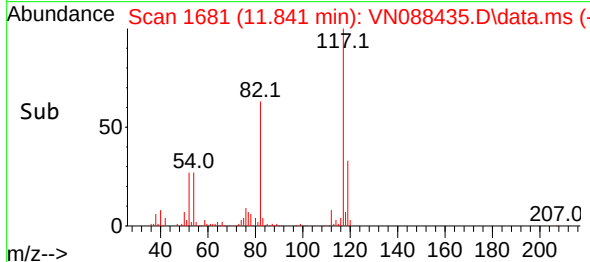
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 432840
Ion Ratio Lower Upper
117 100
82 63.4 47.8 71.8
119 32.8 26.9 40.3

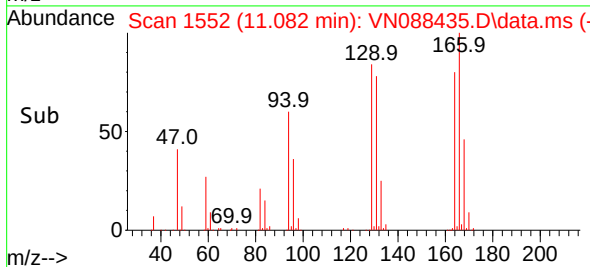
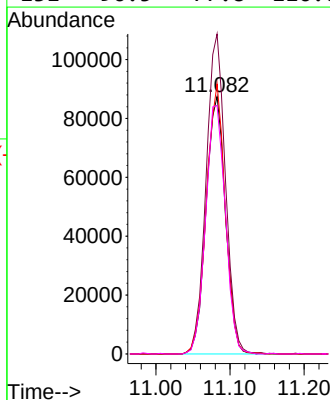
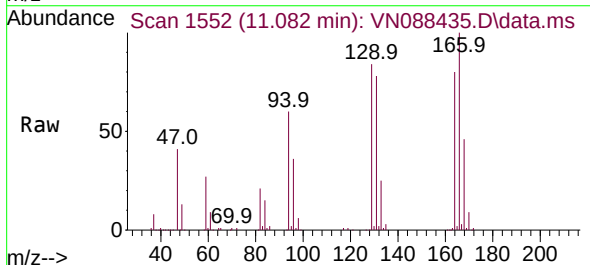
Manual Integrations
APPROVED

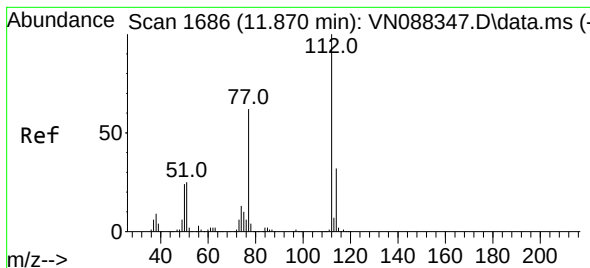
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 46.429 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion:164 Resp: 159316
Ion Ratio Lower Upper
164 100
166 124.4 99.6 149.4
129 105.0 86.6 129.8
131 96.5 77.8 116.6





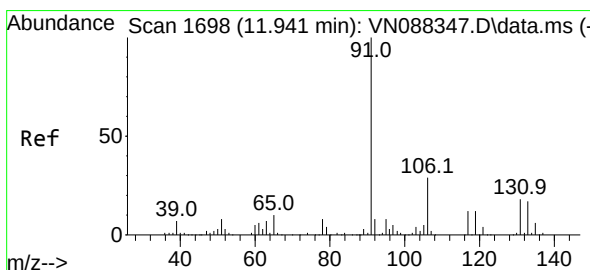
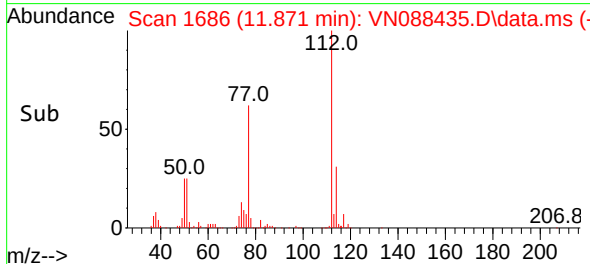
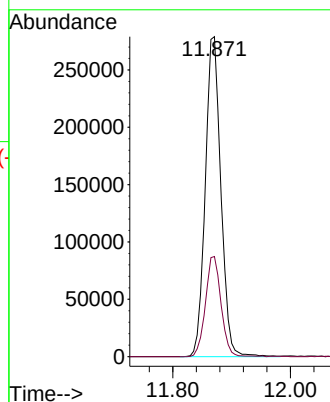
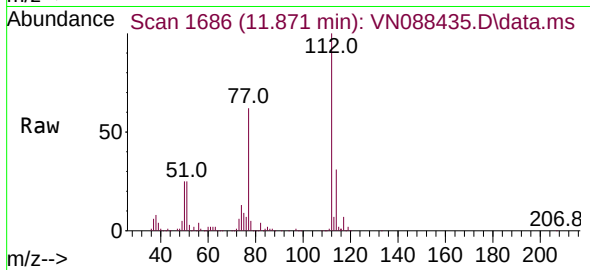
#65
Chlorobenzene
Concen: 52.890 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 514223
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

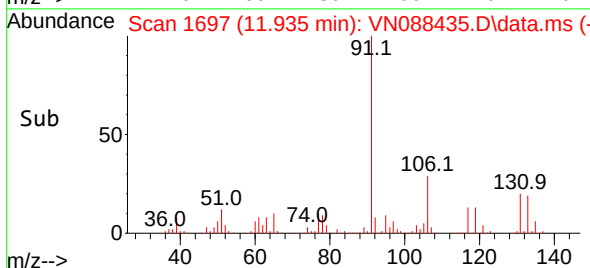
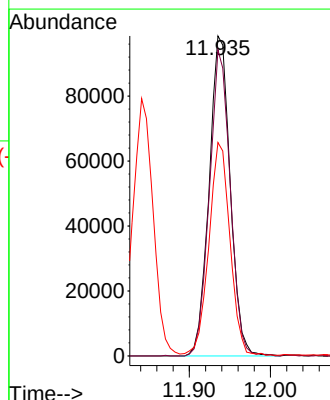
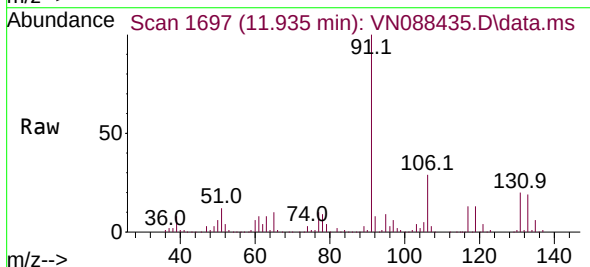
Manual Integrations
APPROVED

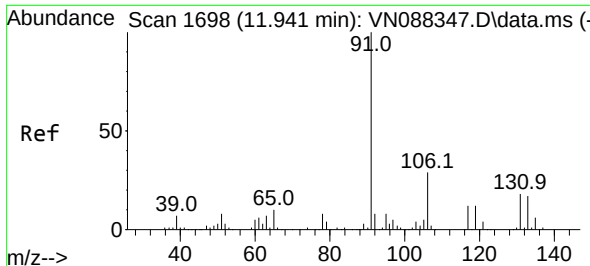
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.249 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion:131 Resp: 177889
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 66.6 33.4 100.1





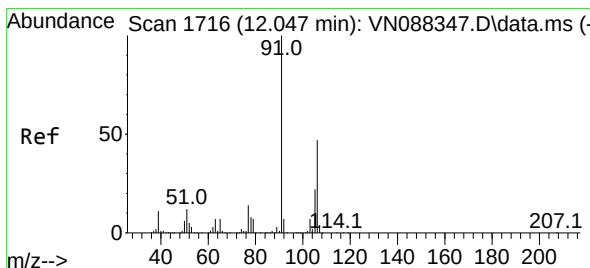
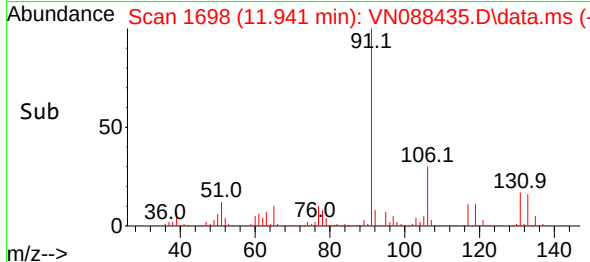
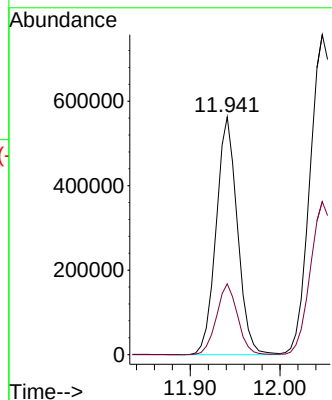
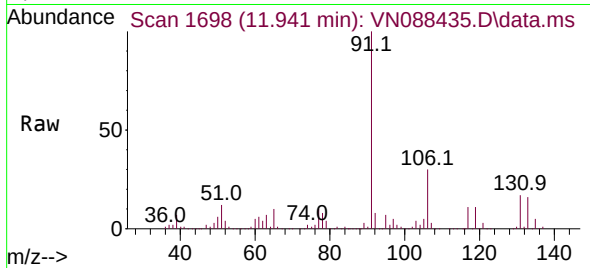
#67
Ethyl Benzene
Concen: 54.710 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 929678
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4

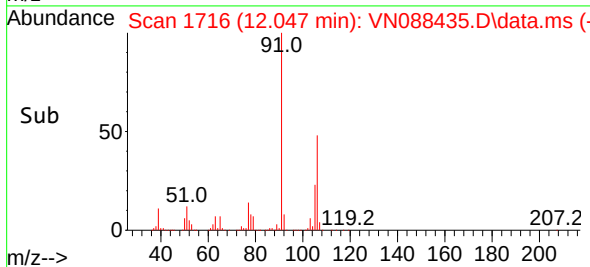
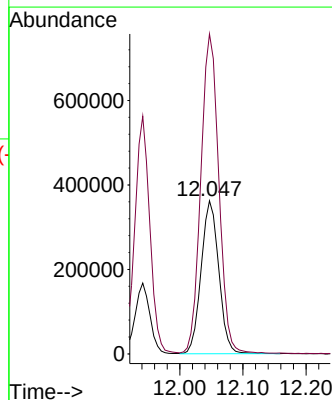
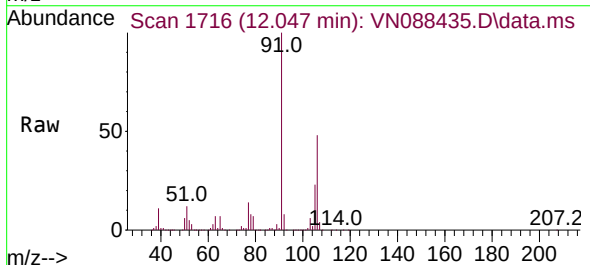
Manual Integrations
APPROVED

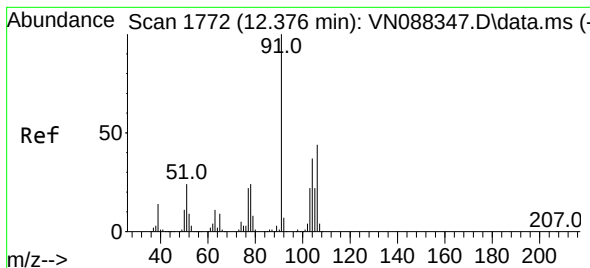
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 111.404 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

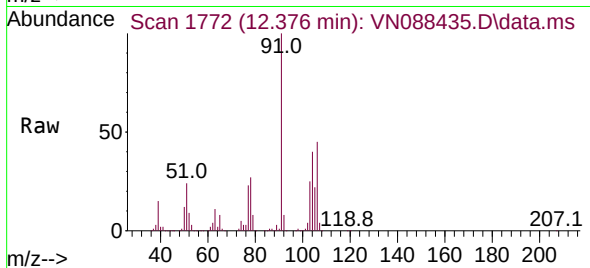
Tgt Ion:106 Resp: 701887
Ion Ratio Lower Upper
106 100
91 212.9 167.8 251.6





#69
o-Xylene
Concen: 54.389 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

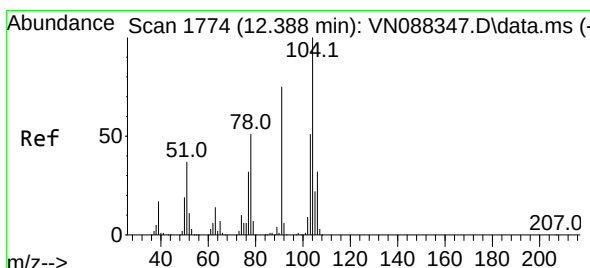
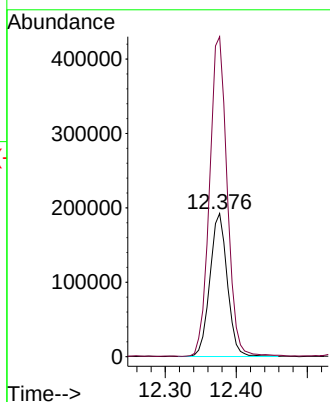
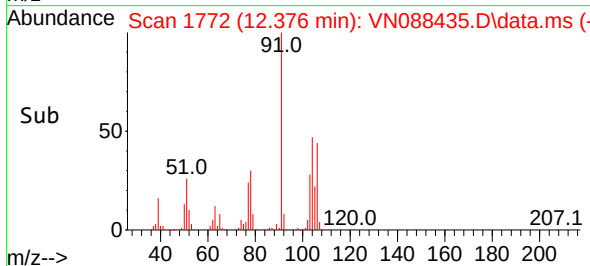
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 326692
Ion Ratio Lower Upper
106 100
91 227.1 112.9 338.7

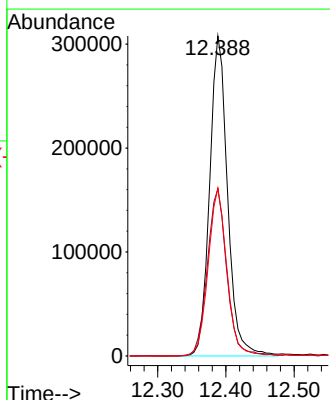
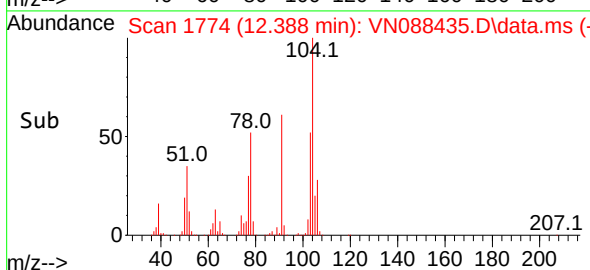
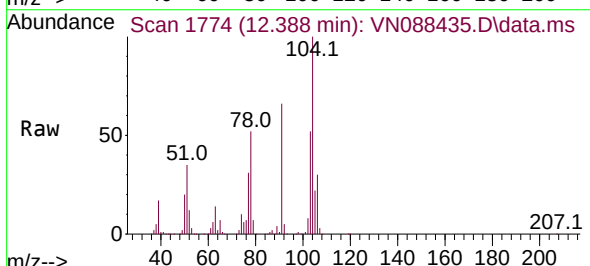
Manual Integrations
APPROVED

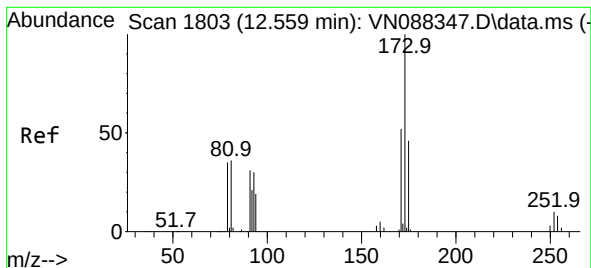
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 57.570 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion:104 Resp: 561475
Ion Ratio Lower Upper
104 100
78 56.5 44.3 66.5
103 54.9 44.2 66.4





#71

Bromoform

Concen: 56.015 ug/l

RT: 12.553 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

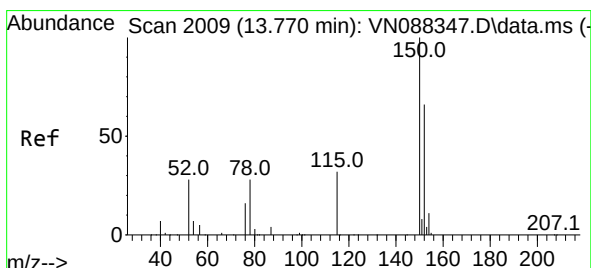
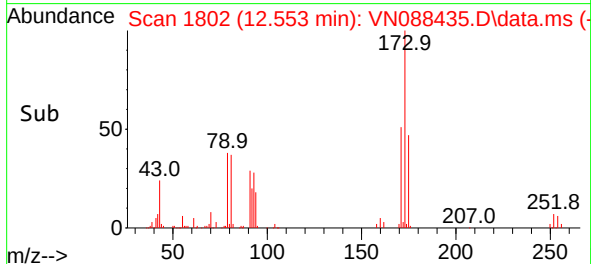
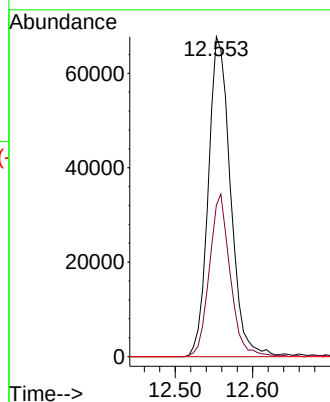
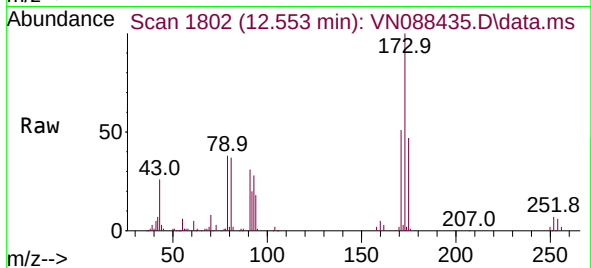
Tgt Ion:173 Resp: 134536
 Ion Ratio Lower Upper
 173 100
 175 47.8 23.9 71.8
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

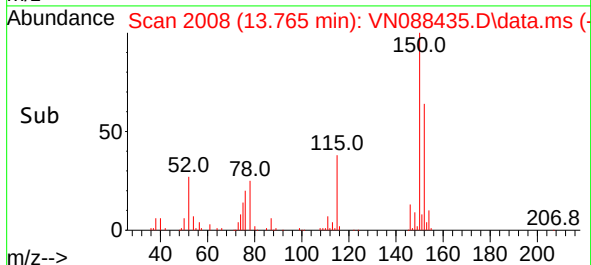
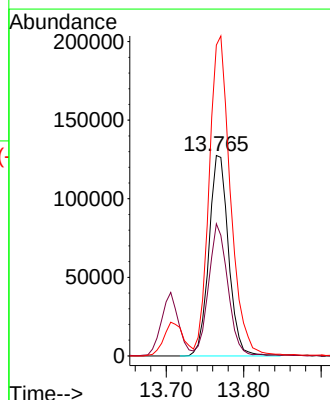
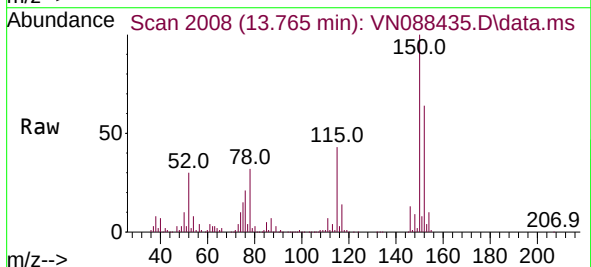
RT: 13.765 min Scan# 2008

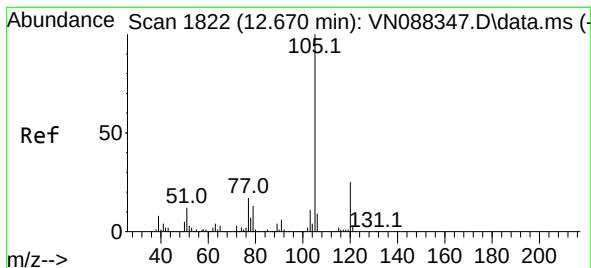
Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Tgt Ion:152 Resp: 223755
 Ion Ratio Lower Upper
 152 100
 115 63.4 33.0 98.9
 150 173.0 0.0 349.0





#73

Isopropylbenzene

Concen: 53.342 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 882498

Ion Ratio Lower Upper

105 100

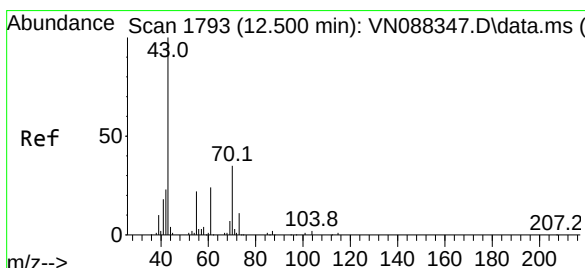
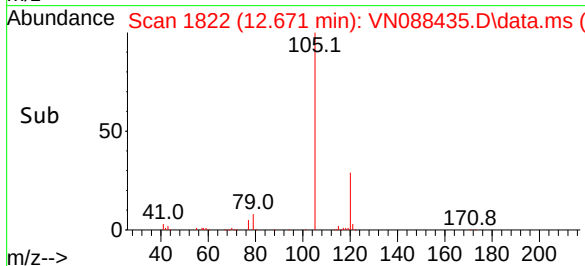
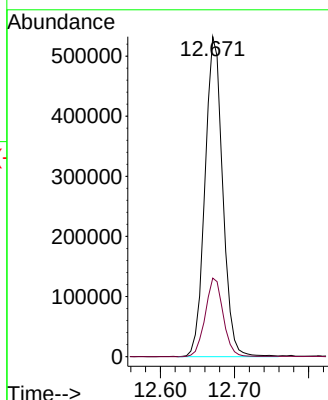
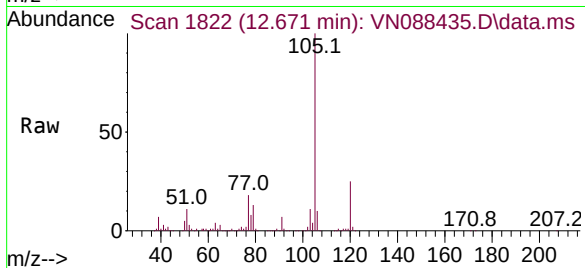
120 24.9 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 55.544 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Tgt Ion: 43 Resp: 312951

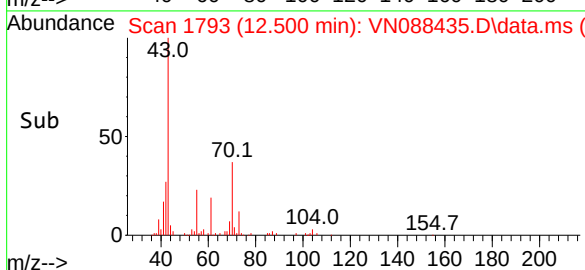
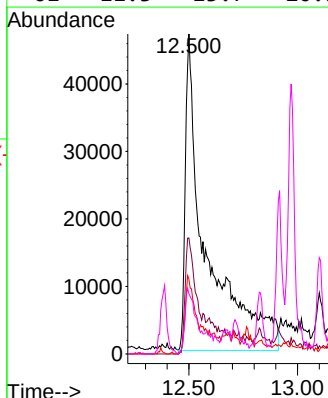
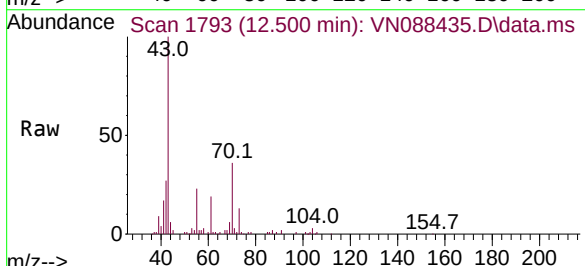
Ion Ratio Lower Upper

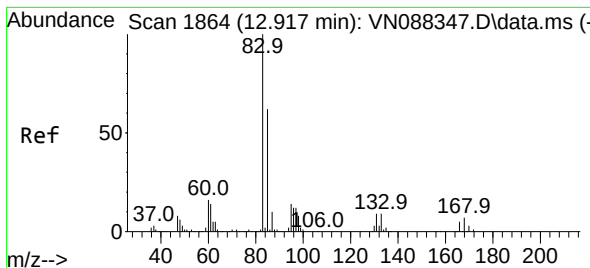
43 100

70 18.3 28.3 42.5#

55 13.9 17.7 26.5#

61 11.3 13.7 20.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.180 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26838

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

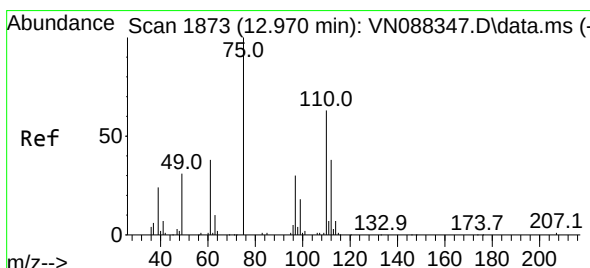
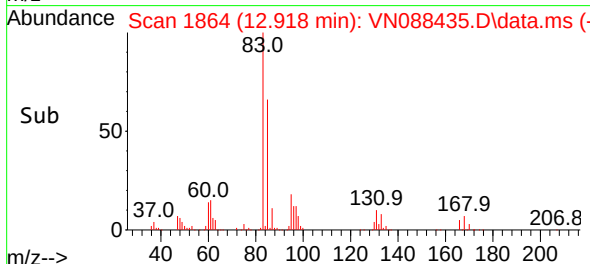
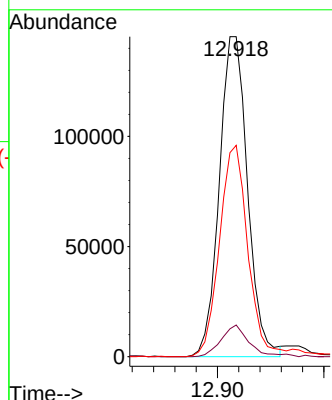
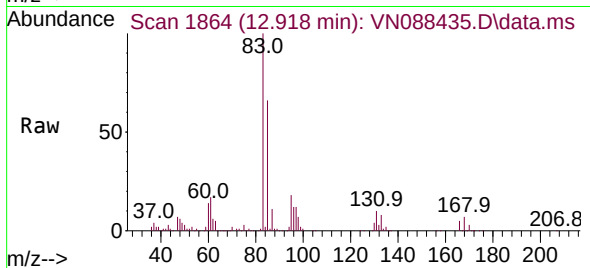
85 66.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#76

1,2,3-Trichloropropane

Concen: 43.428 ug/l m

RT: 12.971 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN088435.D

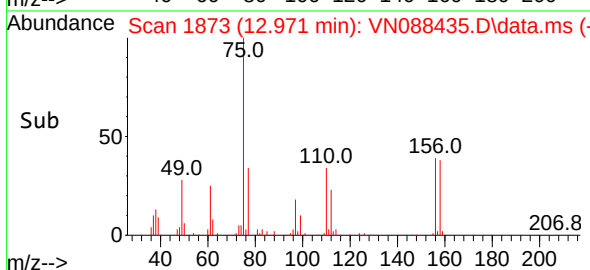
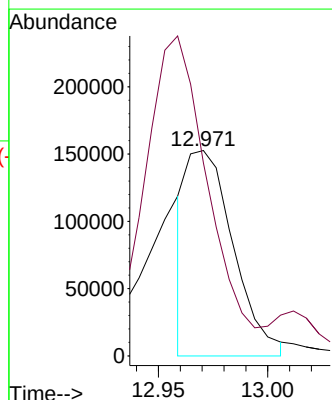
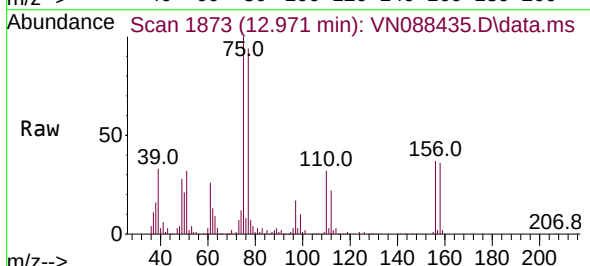
Acq: 03 Dec 2025 17:18

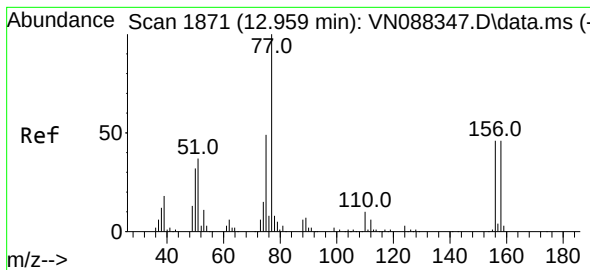
Tgt Ion: 75 Resp: 227597

Ion Ratio Lower Upper

75 100

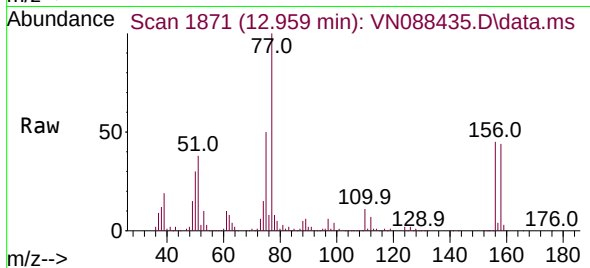
77 211.8 87.2 261.6





#77
Bromobenzene
Concen: 50.855 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

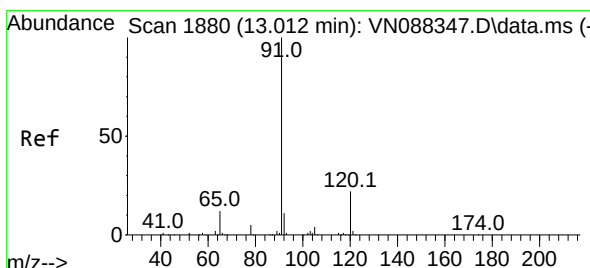
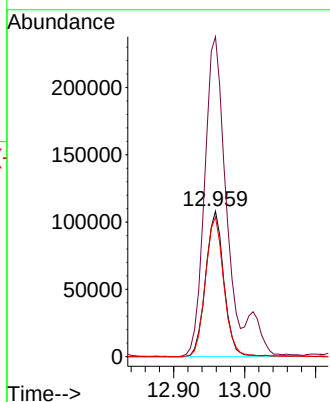
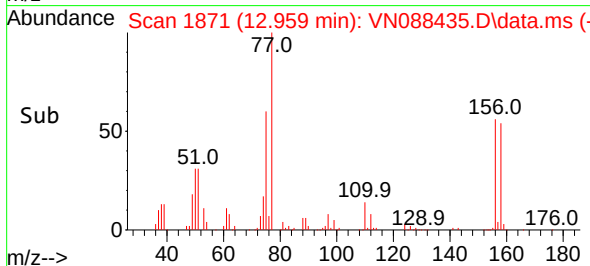
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 192503
Ion Ratio Lower Upper
156 100
77 250.4 121.6 364.7
158 97.3 48.6 145.8

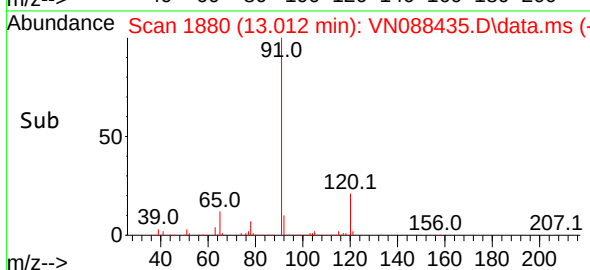
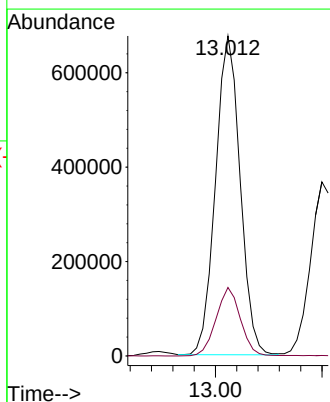
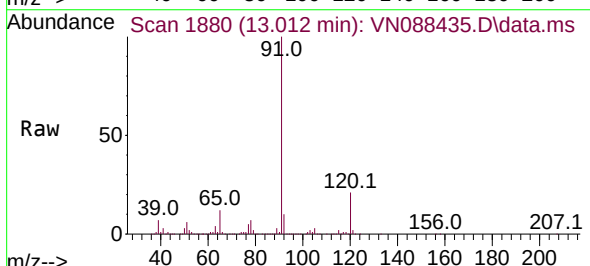
Manual Integrations
APPROVED

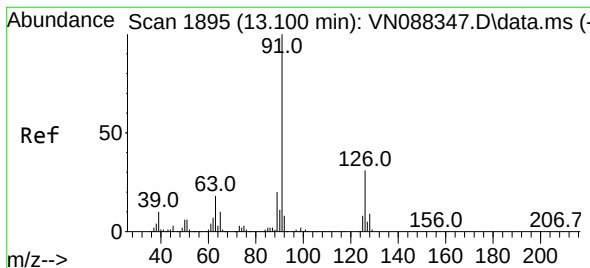
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#78
n-propylbenzene
Concen: 53.538 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion: 91 Resp: 1083588
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6





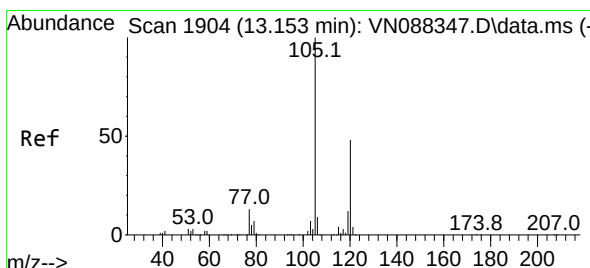
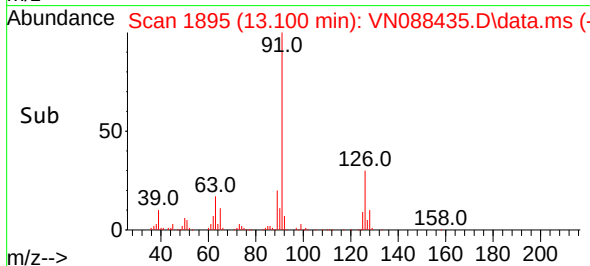
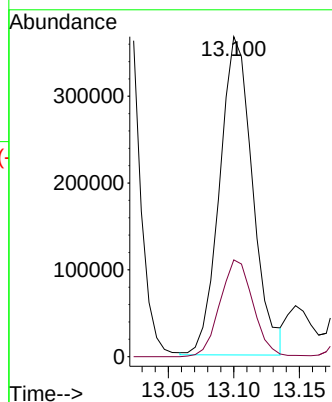
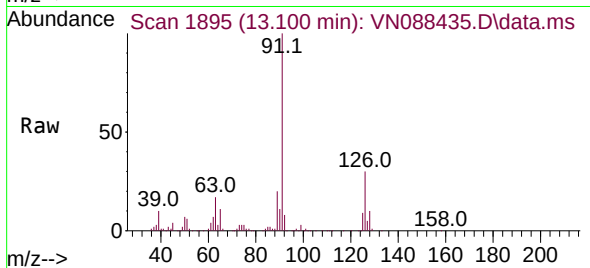
#79
2-Chlorotoluene
Concen: 51.949 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 64207
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.9

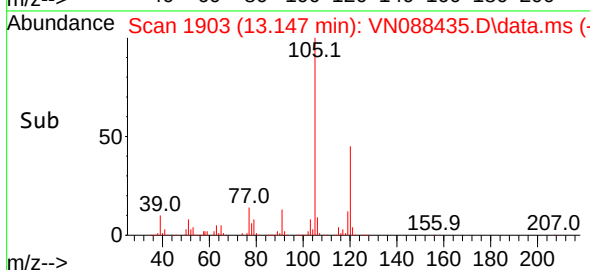
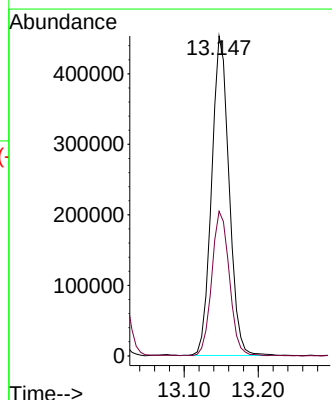
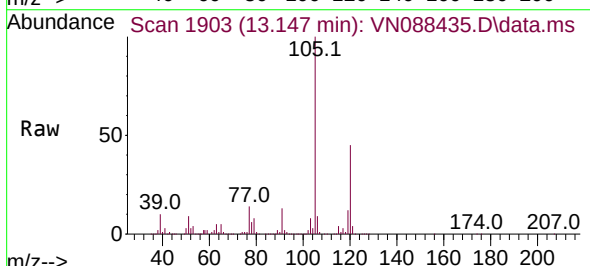
Manual Integrations
APPROVED

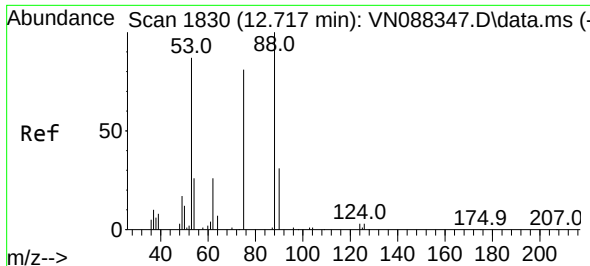
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.977 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

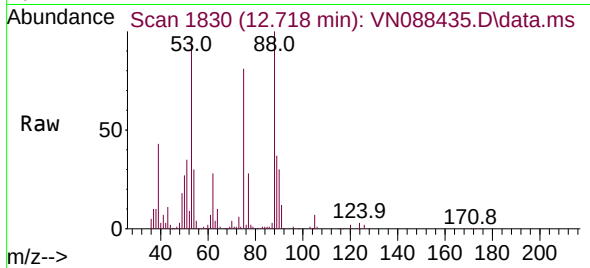
Tgt Ion:105 Resp: 739974
Ion Ratio Lower Upper
105 100
120 45.9 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.702 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

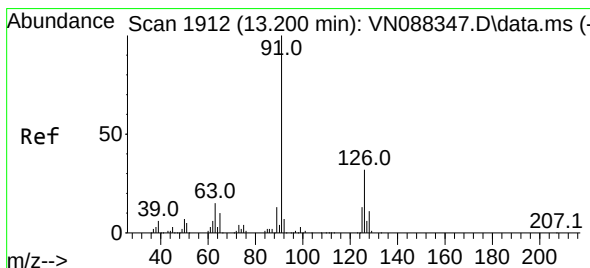
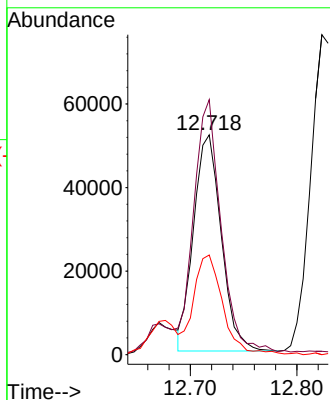
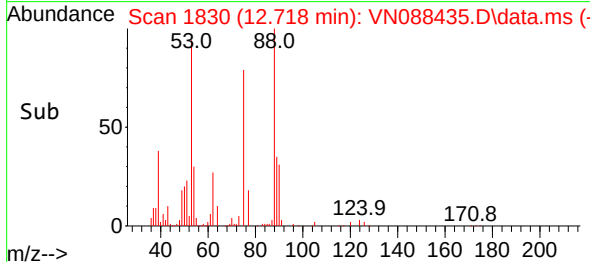
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



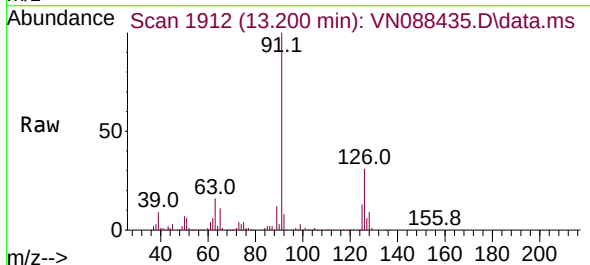
Tgt Ion: 75 Resp: 93662
Ion Ratio Lower Upper
75 100
53 116.7 92.2 138.4
89 49.1 0.0 0.0

Manual Integrations
APPROVED

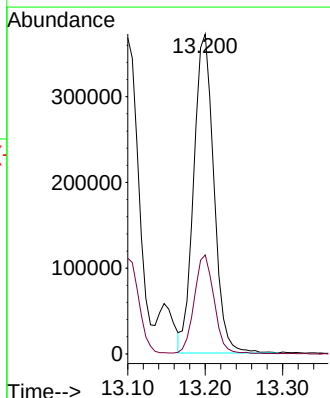
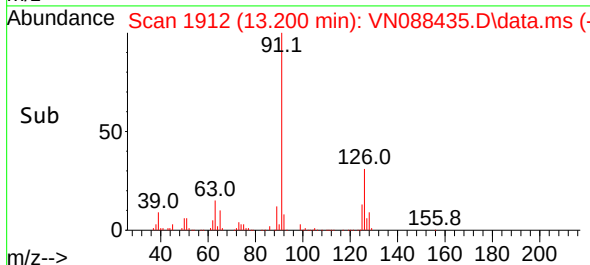
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

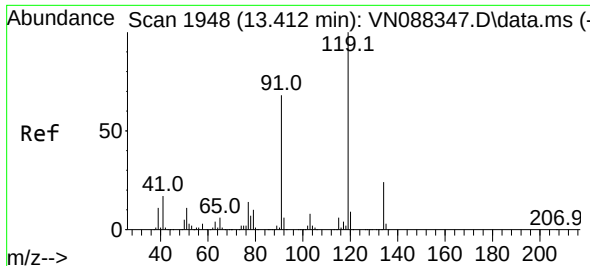


#82
4-Chlorotoluene
Concen: 54.643 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



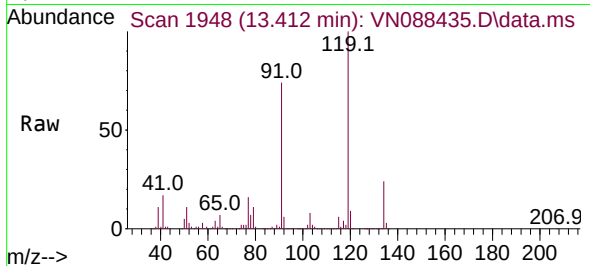
Tgt Ion: 91 Resp: 670798
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.7





#83
tert-Butylbenzene
Concen: 53.847 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

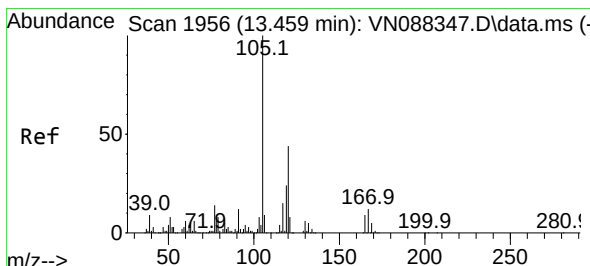
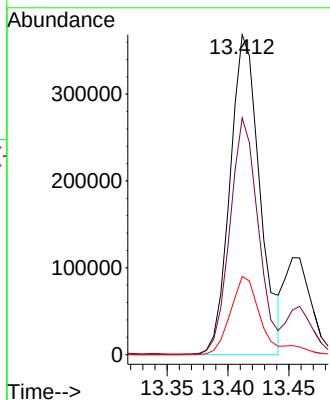
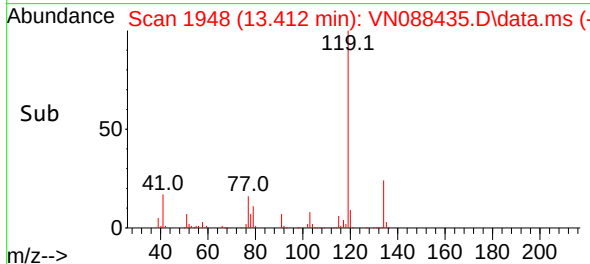
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 627520
Ion Ratio Lower Upper
119 100
91 70.4 35.1 105.3
134 25.7 12.8 38.4

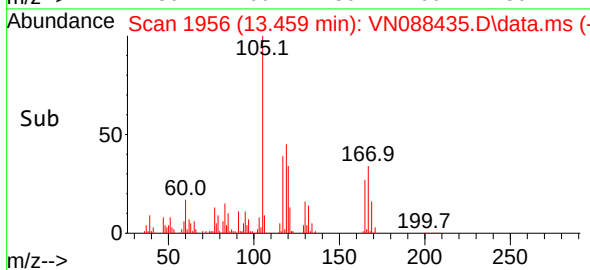
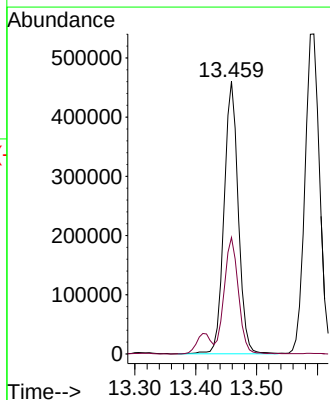
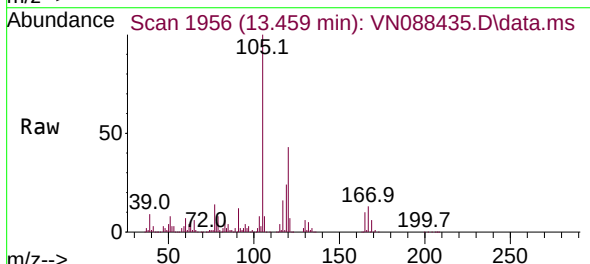
Manual Integrations
APPROVED

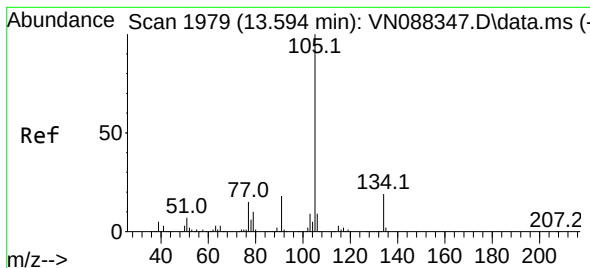
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.792 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Tgt Ion:105 Resp: 746614
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.299 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 909070

Ion Ratio Lower Upper

105 100

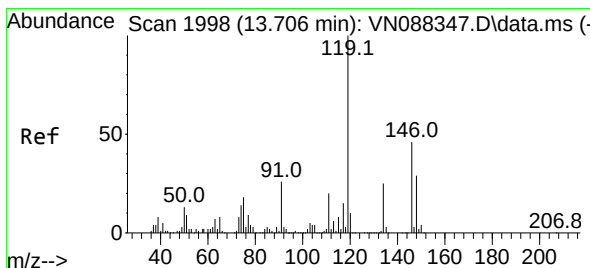
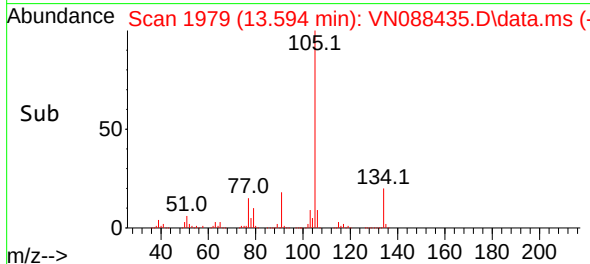
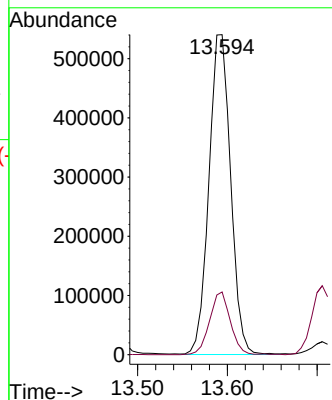
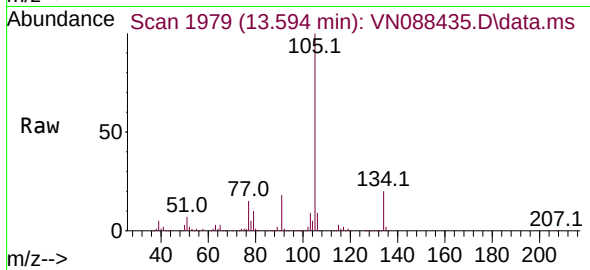
134 18.7 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 54.248 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

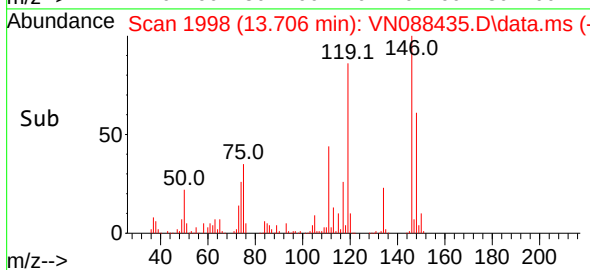
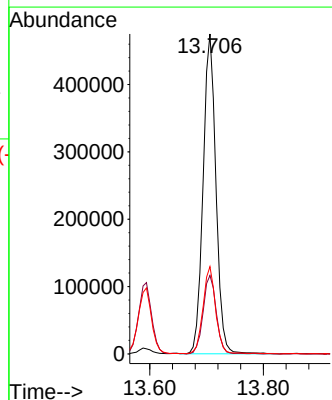
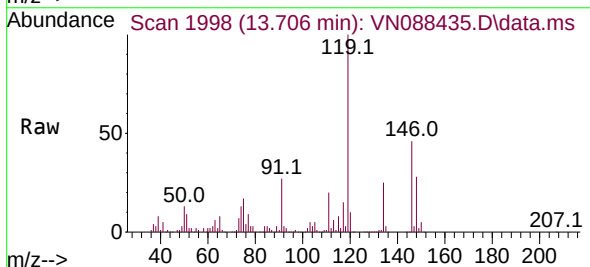
Tgt Ion:119 Resp: 744747

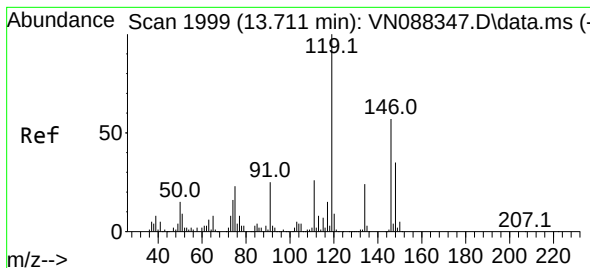
Ion Ratio Lower Upper

119 100

134 25.1 12.2 36.6

91 26.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.352 ug/l

RT: 13.706 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 37840

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

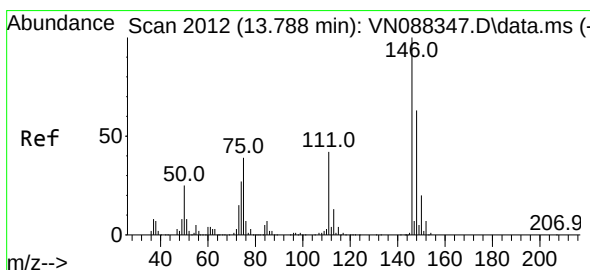
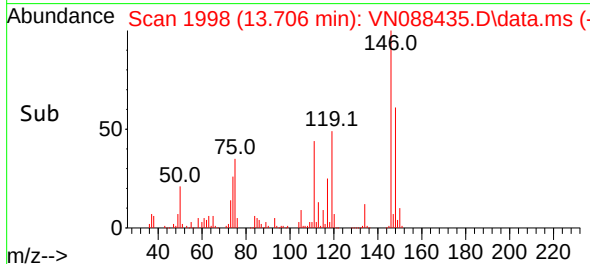
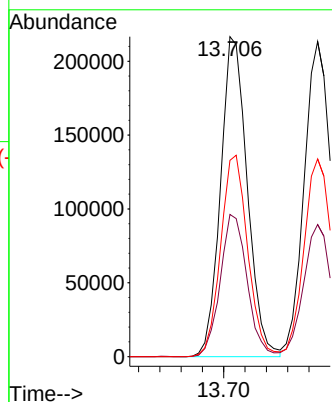
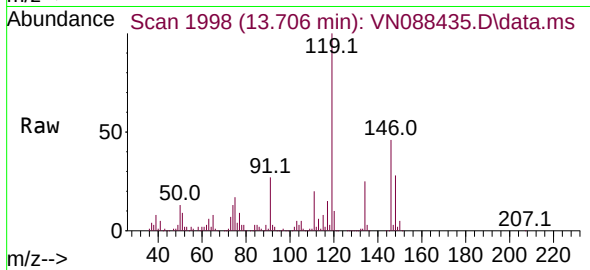
148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#88

1,4-Dichlorobenzene

Concen: 48.916 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

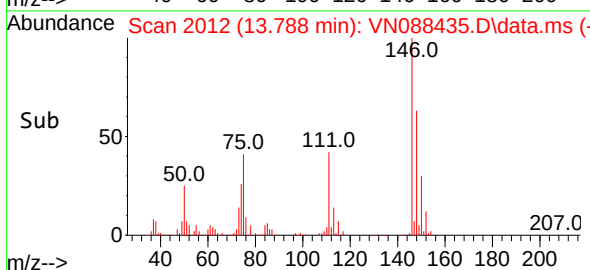
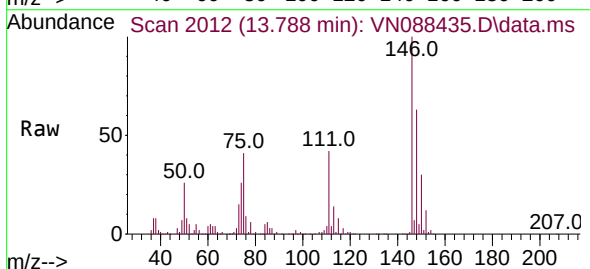
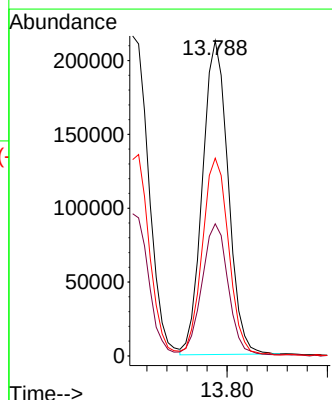
Tgt Ion:146 Resp: 377571

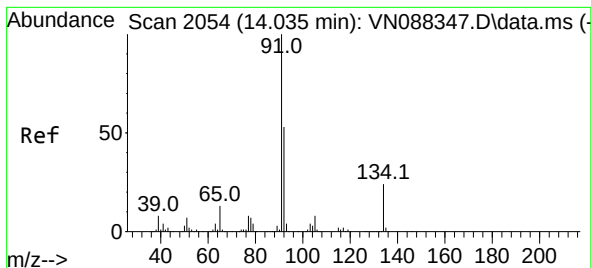
Ion Ratio Lower Upper

146 100

111 43.9 21.6 64.6

148 64.4 31.0 93.0





#89

n-Butylbenzene

Concen: 54.208 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 72257

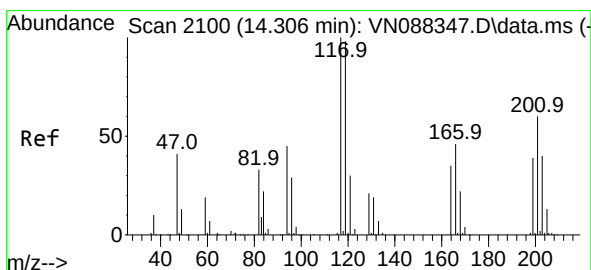
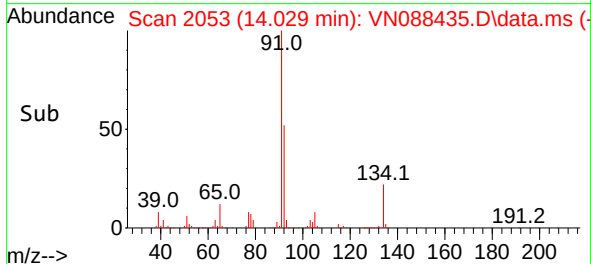
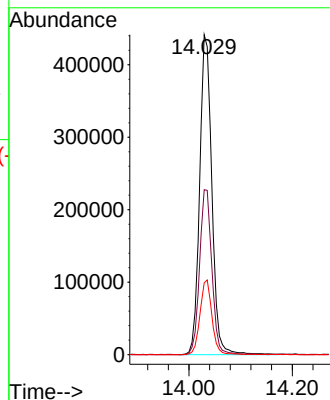
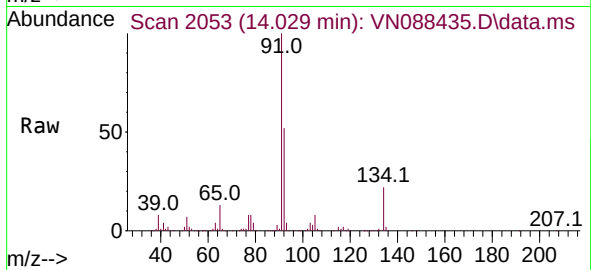
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.3
134	22.8	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 54.652 ug/l

RT: 14.312 min Scan# 2101

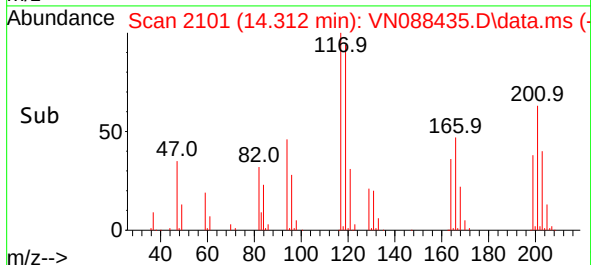
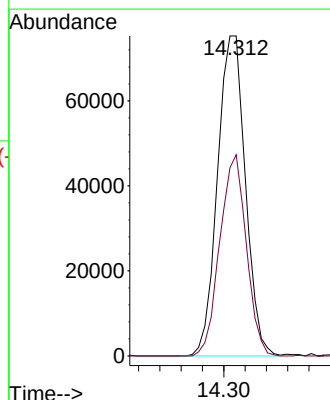
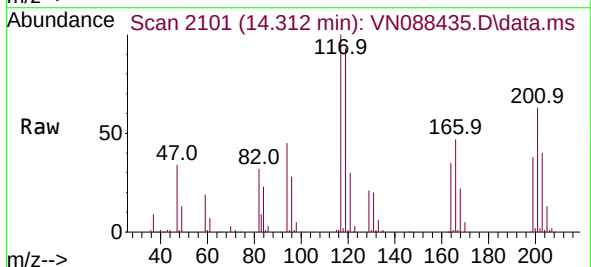
Delta R.T. 0.006 min

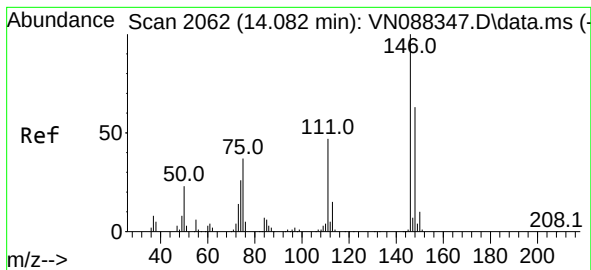
Lab File: VN088435.D

Acq: 03 Dec 2025 17:18

Tgt Ion:117 Resp: 137062

Ion	Ratio	Lower	Upper
117	100		
201	59.6	30.3	90.9





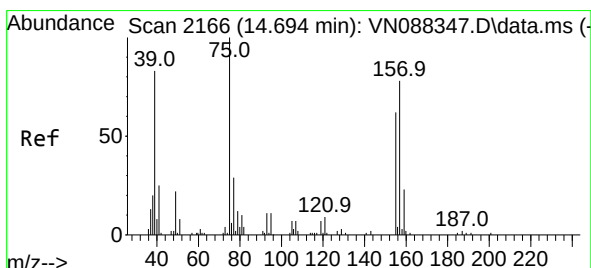
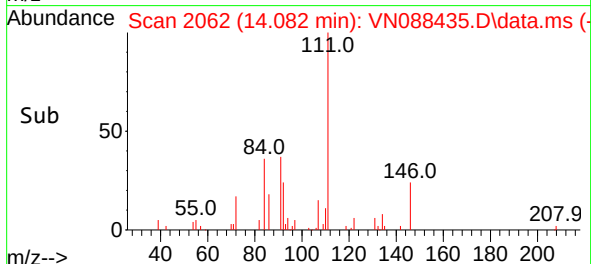
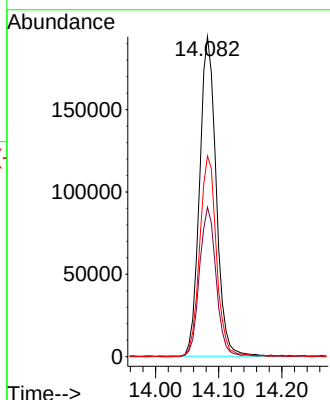
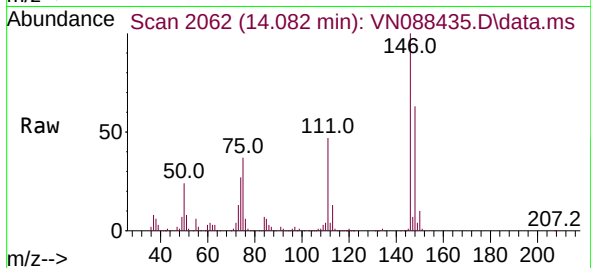
#91
1,2-Dichlorobenzene
Concen: 51.126 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 354519
Ion Ratio Lower Upper
146 100
111 47.0 23.3 69.9
148 63.4 31.8 95.4

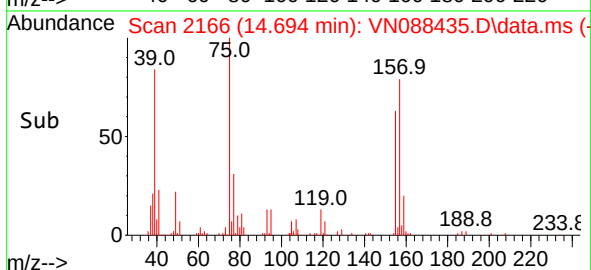
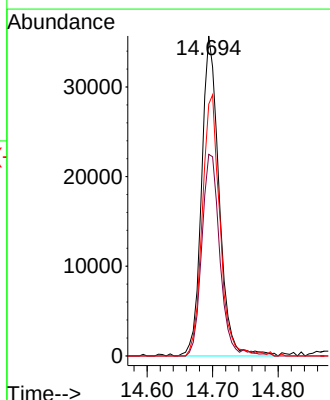
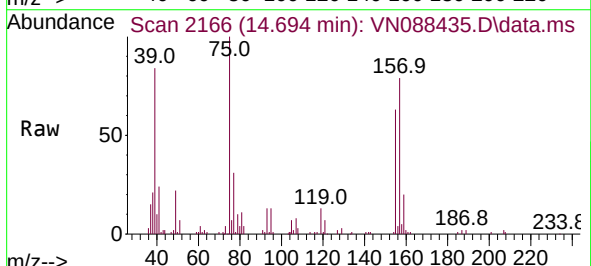
Manual Integrations
APPROVED

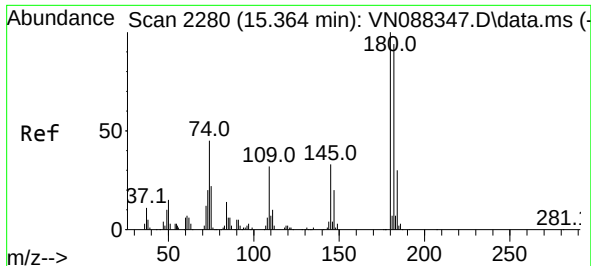
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.865 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

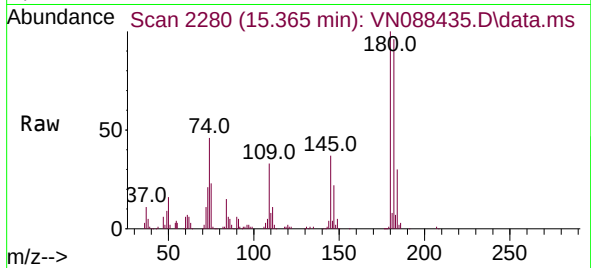
Tgt Ion: 75 Resp: 66006
Ion Ratio Lower Upper
75 100
155 65.1 33.7 101.1
157 81.3 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 48.649 ug/l
RT: 15.365 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18

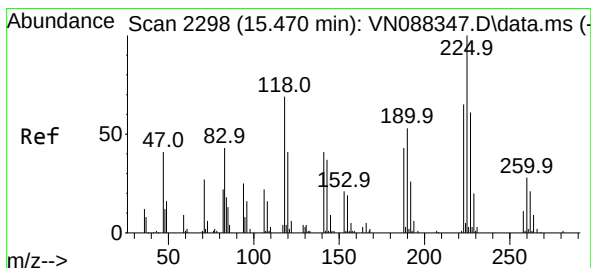
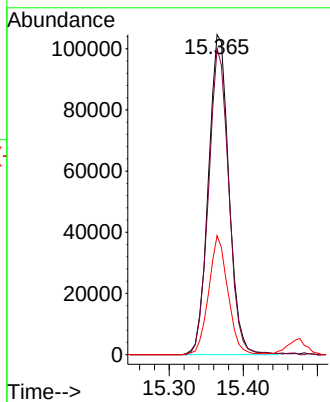
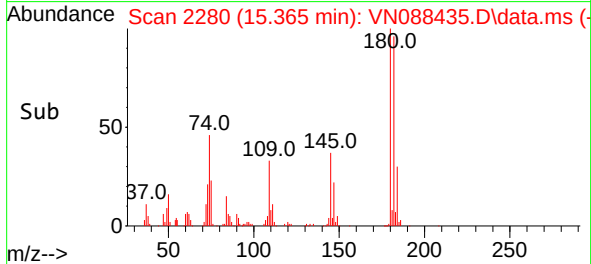
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



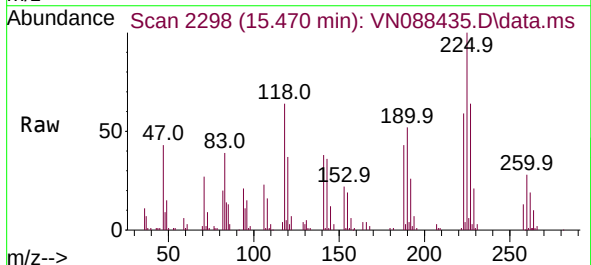
Tgt Ion:180 Resp: 200440
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 34.9 16.7 50.1

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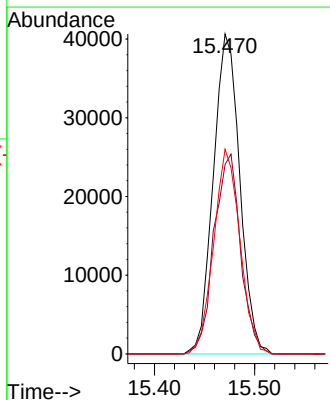
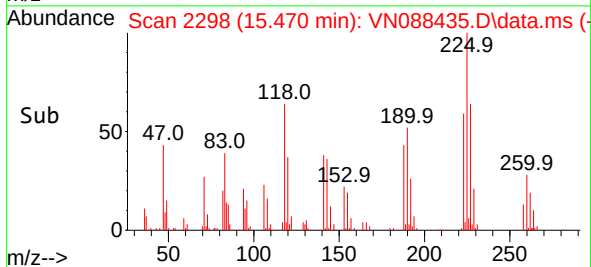
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

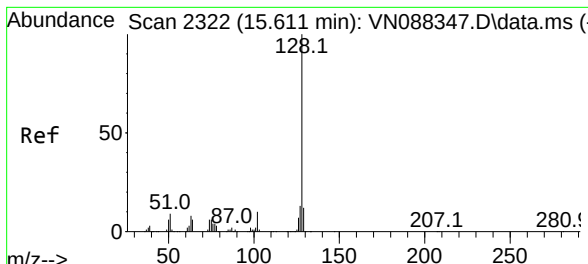


#94
Hexachlorobutadiene
Concen: 50.296 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088435.D
Acq: 03 Dec 2025 17:18



Tgt Ion:225 Resp: 74466
Ion Ratio Lower Upper
225 100
223 62.7 32.3 96.8
227 63.7 29.9 89.8





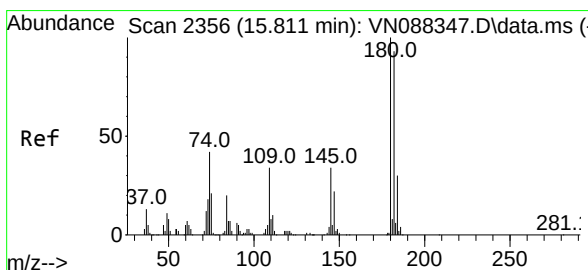
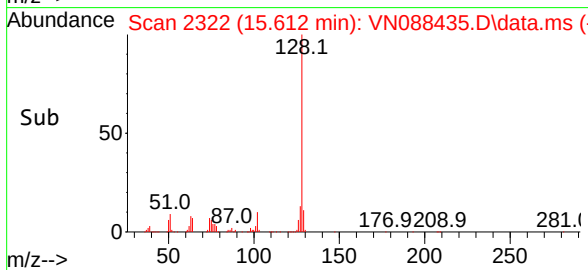
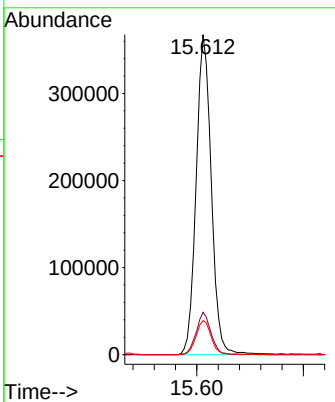
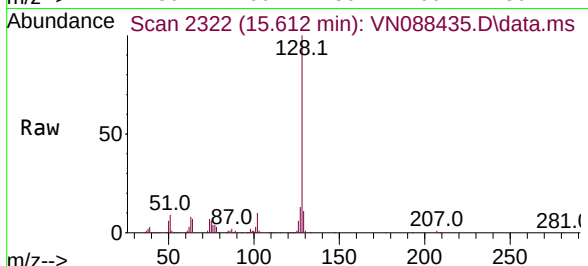
#95
 Naphthalene
 Concen: 50.706 ug/l
 RT: 15.612 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088435.D
 Acq: 03 Dec 2025 17:18

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	128	Resp:	723929
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.6	9.0	13.6

Manual Integrations
 APPROVED

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



#96
 1,2,3-Trichlorobenzene
 Concen: 48.218 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088435.D
 Acq: 03 Dec 2025 17:18

Tgt Ion:	180	Resp:	193342
Ion Ratio	Lower	Upper	
180	100		
182	95.4	45.9	137.7
145	37.4	17.8	53.4

