

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086574.D
 Acq On : 12 May 2025 12:27
 Operator : JC\MD
 Sample : VN0512WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

Quant Time: May 13 01:49:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125537	45.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.165	113	97345	61.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.960%
50) Toluene-d8	10.565	98	390263	46.492	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.847	95	141585	46.244	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.480%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	38901	17.236	ug/l	97
3) Chloromethane	2.359	50	51788	15.788	ug/l	96
4) Vinyl Chloride	2.518	62	49341	15.763	ug/l	100
5) Bromomethane	2.959	94	30229	21.470	ug/l	94
6) Chloroethane	3.118	64	33547	16.013	ug/l	97
7) Trichlorofluoromethane	3.501	101	64079	18.481	ug/l	96
8) Diethyl Ether	3.959	74	28054	18.534	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	39602	18.881	ug/l	98
10) Methyl Iodide	4.589	142	46631	20.221	ug/l	98
11) Tert butyl alcohol	5.512	59	38983	77.387	ug/l	100
12) 1,1-Dichloroethene	4.342	96	38006	16.960	ug/l	97
13) Acrolein	4.177	56	26800	105.364	ug/l	95
14) Allyl chloride	5.024	41	64605	16.218	ug/l	96
15) Acrylonitrile	5.718	53	109597	88.010	ug/l	99
16) Acetone	4.424	43	84688	84.953	ug/l	98
17) Carbon Disulfide	4.712	76	102202	15.232	ug/l	99
18) Methyl Acetate	5.024	43	54270	16.376	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	148925	18.079	ug/l	98
20) Methylene Chloride	5.277	84	47422	18.580	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	41482	17.706	ug/l	92
22) Diisopropyl ether	6.671	45	145731	16.817	ug/l	98
23) Vinyl Acetate	6.600	43	521135	86.026	ug/l	96
24) 1,1-Dichloroethane	6.565	63	81220	17.763	ug/l	96
25) 2-Butanone	7.483	43	140216	81.592	ug/l	96
26) 2,2-Dichloropropane	7.489	77	71784	17.534	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	54092	18.602	ug/l	94
28) Bromochloromethane	7.812	49	34595	17.844	ug/l	89
29) Tetrahydrofuran	7.836	42	92099	80.144	ug/l	95
30) Chloroform	7.965	83	85547	19.046	ug/l	97
31) Cyclohexane	8.253	56	71858	16.060	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	71810	18.689	ug/l	96
36) 1,1-Dichloropropene	8.371	75	57712	18.397	ug/l	99
37) Ethyl Acetate	7.559	43	57352	17.365	ug/l	98
38) Carbon Tetrachloride	8.359	117	59045	19.764	ug/l	98
39) Methylcyclohexane	9.600	83	65139	17.469	ug/l	98
40) Benzene	8.600	78	189957	18.899	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31523	16.468	ug/l	92
42) 1,2-Dichloroethane	8.665	62	62837	19.605	ug/l	99
43) Isopropyl Acetate	8.683	43	107898	16.711	ug/l	98
44) Trichloroethene	9.347	130	46167	19.379	ug/l	97
45) 1,2-Dichloropropane	9.618	63	44890	18.246	ug/l	97
46) Dibromomethane	9.706	93	31770	20.267	ug/l	93
47) Bromodichloromethane	9.883	83	67480	19.931	ug/l	95
48) Methyl methacrylate	9.677	41	48803	16.827	ug/l	96
49) 1,4-Dioxane	9.688	88	16954	343.657	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	302218	89.361	ug/l	98
52) Toluene	10.624	92	122345	19.508	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	74315	19.663	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	77493	18.668	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	46666	20.681	ug/l	97
56) Ethyl methacrylate	10.871	69	75752	18.264	ug/l	97
57) 1,3-Dichloropropane	11.159	76	79521	19.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	163008	82.802	ug/l	97
59) 2-Hexanone	11.194	43	218016	86.910	ug/l	98
60) Dibromochloromethane	11.353	129	51523	20.794	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47298	20.774	ug/l	100
64) Tetrachloroethene	11.100	164	47340	20.057	ug/l	98
65) Chlorobenzene	11.888	112	136353	19.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	45824	20.284	ug/l	99
67) Ethyl Benzene	11.959	91	232404	18.807	ug/l	98
68) m/p-Xylenes	12.065	106	179397	38.745	ug/l	96
69) o-Xylene	12.394	106	87935	19.204	ug/l	97
70) Styrene	12.406	104	143900	18.861	ug/l	99
71) Bromoform	12.576	173	34025	20.005	ug/l #	97
73) Isopropylbenzene	12.694	105	215552	19.764	ug/l	100
74) N-amyl acetate	12.488	43	86832	15.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63334	20.197	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	84232	26.772	ug/l	60
77) Bromobenzene	12.976	156	52340	21.659	ug/l	91
78) n-propylbenzene	13.029	91	244867	19.053	ug/l	99
79) 2-Chlorotoluene	13.118	91	155052	19.281	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	171561	19.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23735	18.117	ug/l	90
82) 4-Chlorotoluene	13.218	91	153979	19.275	ug/l	97
83) tert-Butylbenzene	13.435	119	148994	19.263	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	175850	19.353	ug/l	98
85) sec-Butylbenzene	13.612	105	205844	19.187	ug/l	100
86) p-Isopropyltoluene	13.723	119	170990	19.336	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	90706	19.967	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	91745	20.051	ug/l	98
89) n-Butylbenzene	14.053	91	141058	17.996	ug/l	99
90) Hexachloroethane	14.329	117	27009	18.158	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	87139	19.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10655	16.851	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	40572	19.238	ug/l	99
94) Hexachlorobutadiene	15.500	225	15828	19.882	ug/l	98
95) Naphthalene	15.635	128	132301	17.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38412	19.238	ug/l	97

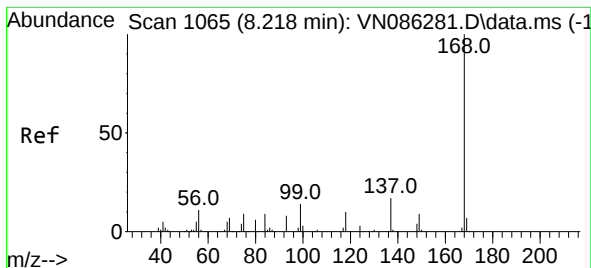
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086574.D
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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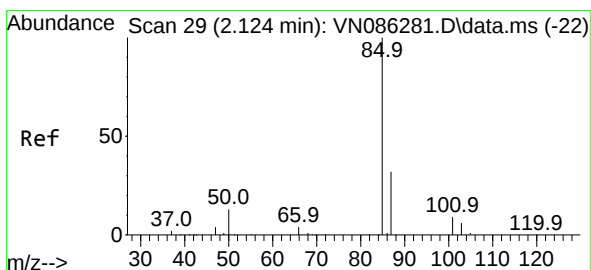
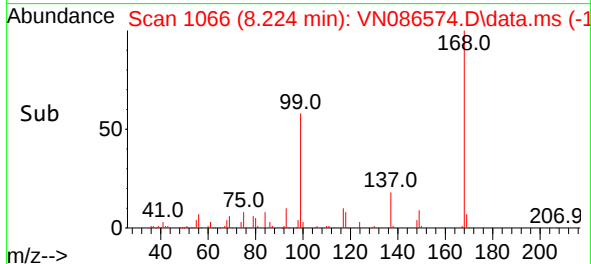
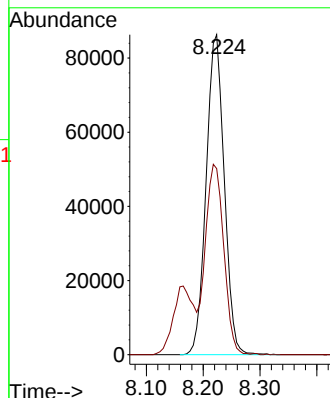
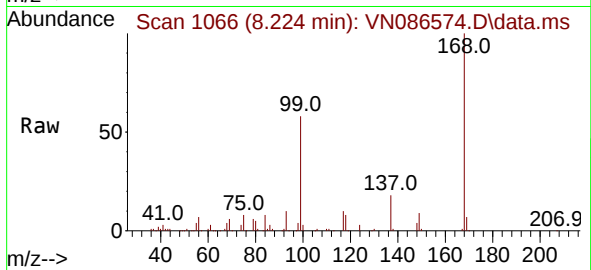
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086574.D
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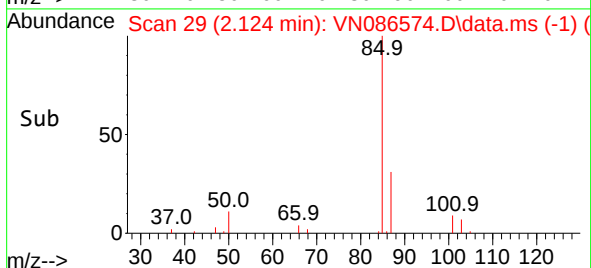
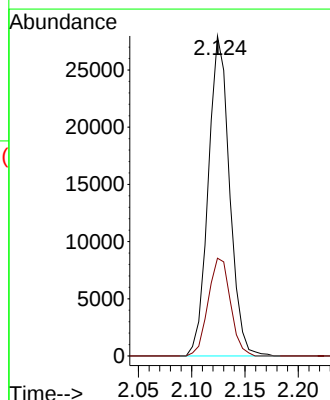
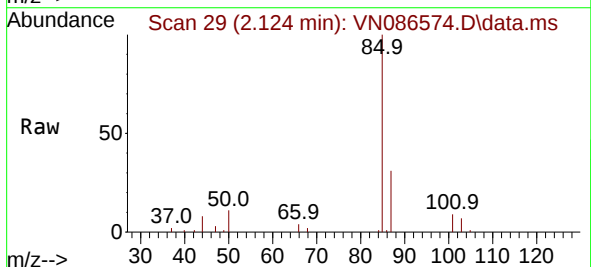
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion:168 Resp: 190393
Ion Ratio Lower Upper
168 100
99 58.2 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 17.236 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 85 Resp: 38901
Ion Ratio Lower Upper
85 100
87 30.5 16.3 48.8

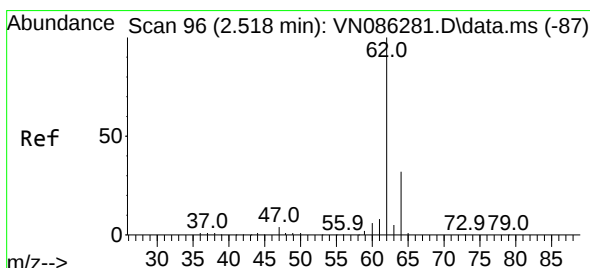
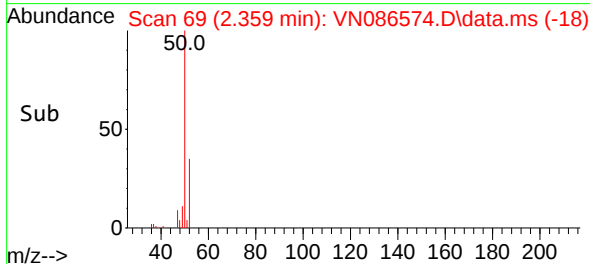
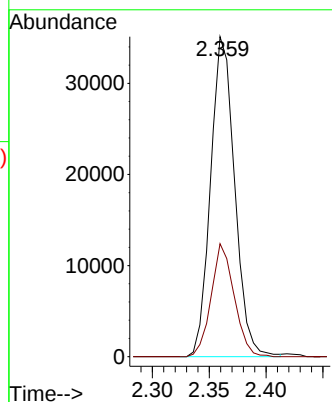
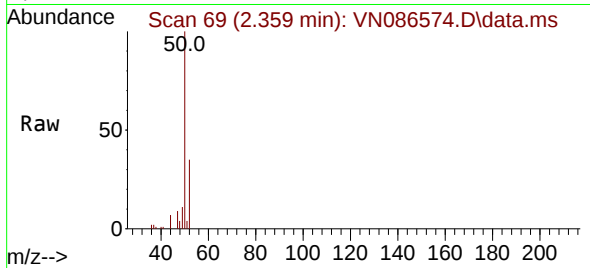




#3
Chloromethane
Concen: 15.788 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

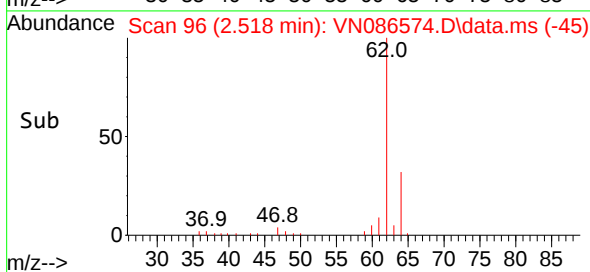
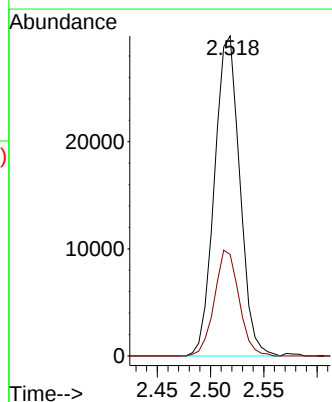
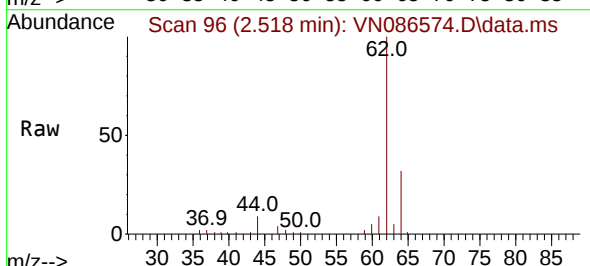
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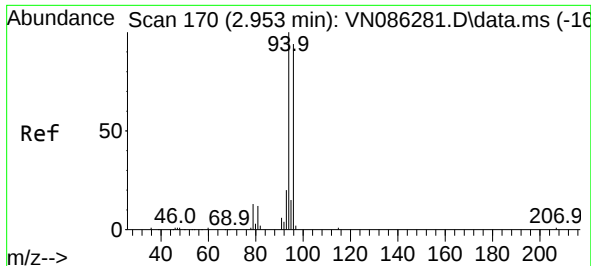
Tgt Ion: 50 Resp: 51788
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 15.763 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 62 Resp: 49341
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

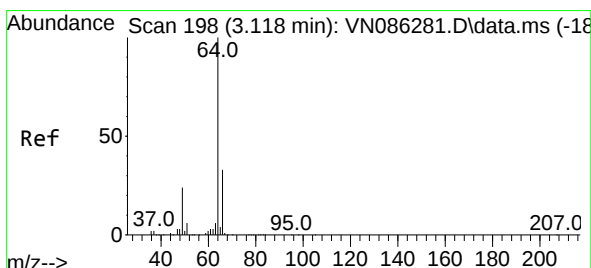
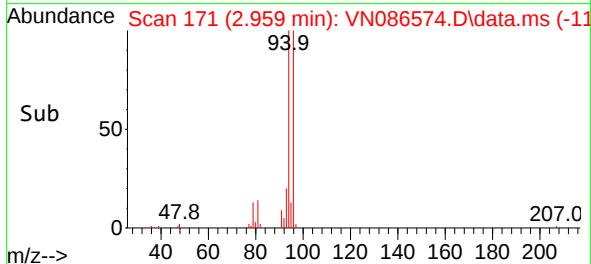
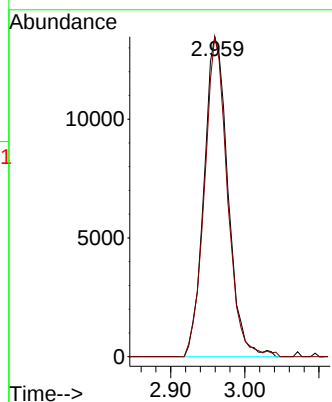
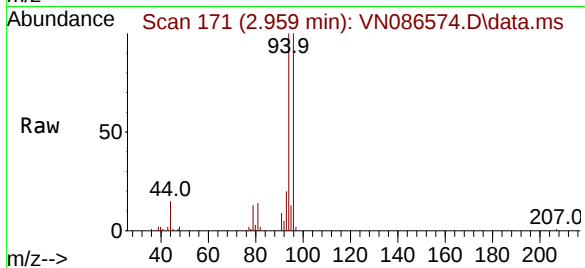




#5
Bromomethane
Concen: 21.470 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

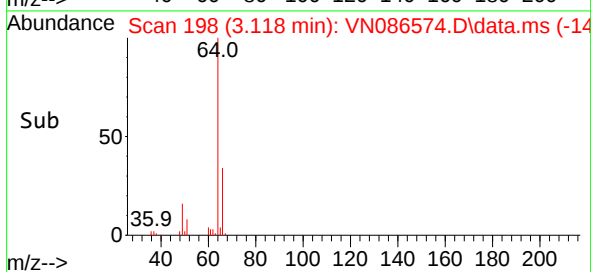
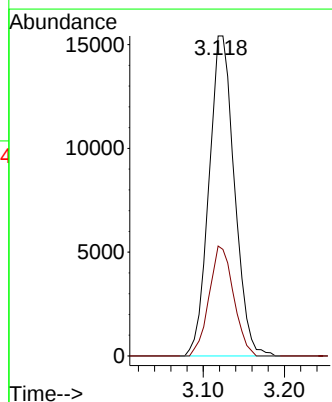
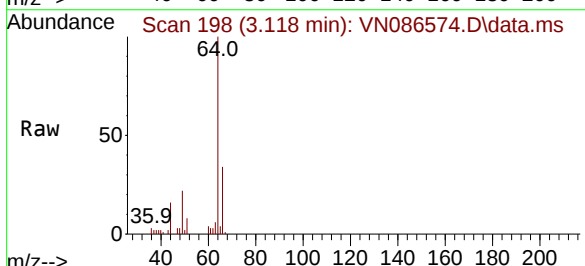
Instrument :
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Tgt Ion: 94 Resp: 30229
Ion Ratio Lower Upper
94 100
96 100.1 75.2 112.8



#6
Chloroethane
Concen: 16.013 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 64 Resp: 33547
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.2

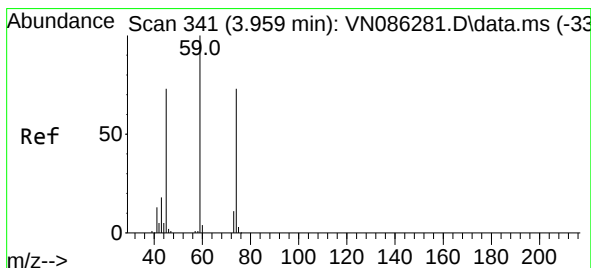
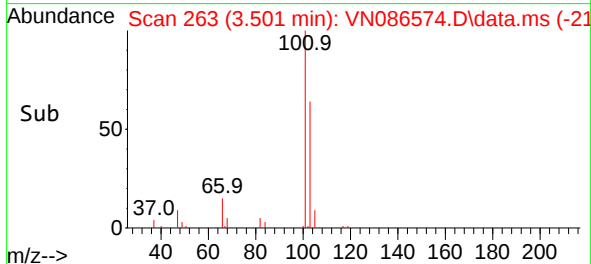
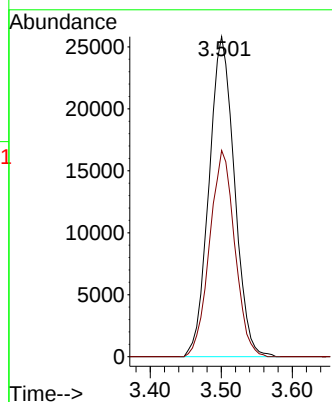
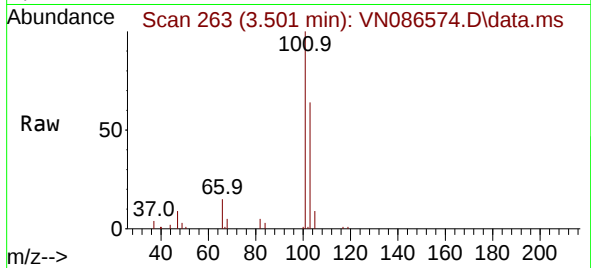




#7
 Trichlorofluoromethane
 Concen: 18.481 ug/l
 RT: 3.501 min Scan# 206
 Delta R.T. 0.000 min
 Lab File: VN086574.D
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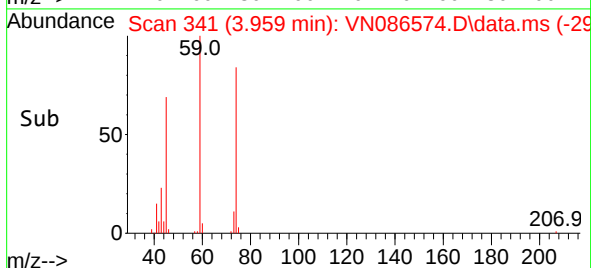
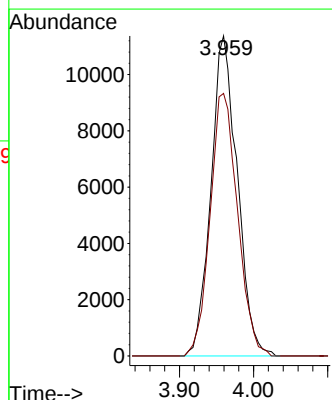
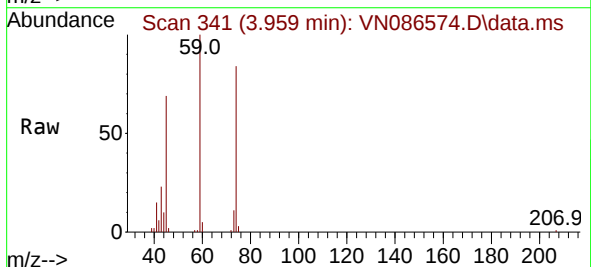
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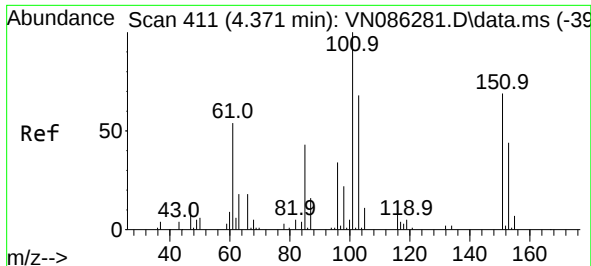
Tgt Ion:101 Resp: 64079
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.534 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion: 74 Resp: 28054
 Ion Ratio Lower Upper
 74 100
 45 85.6 48.0 144.2

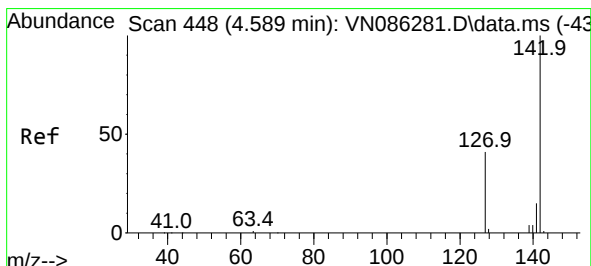
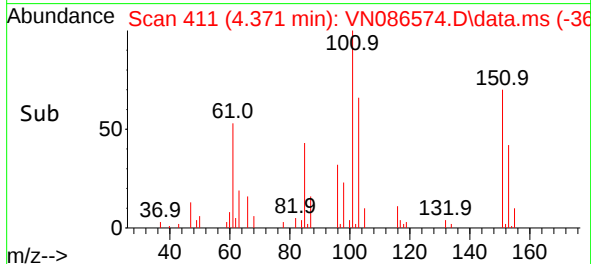
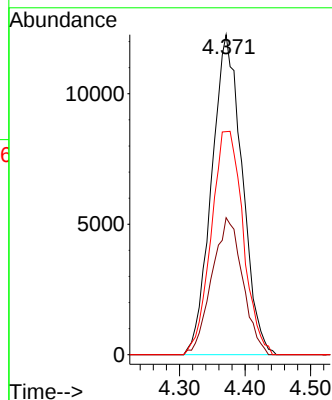
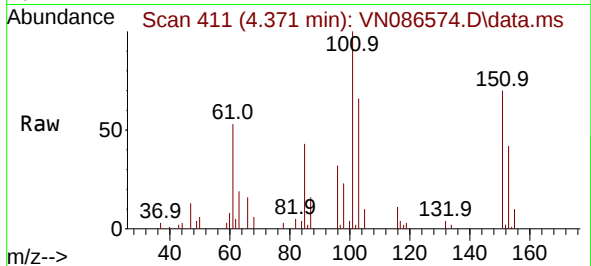




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.881 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

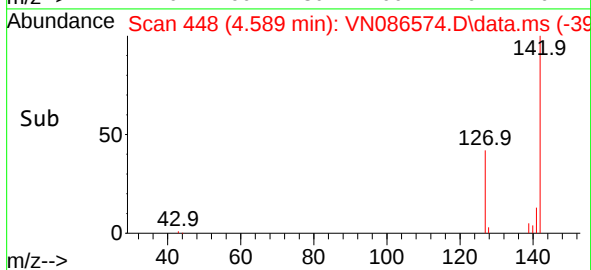
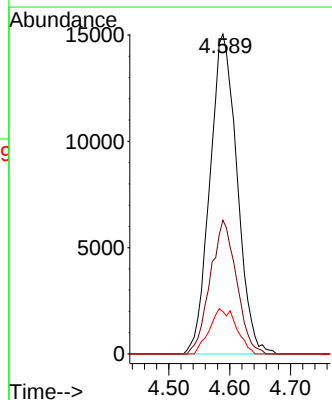
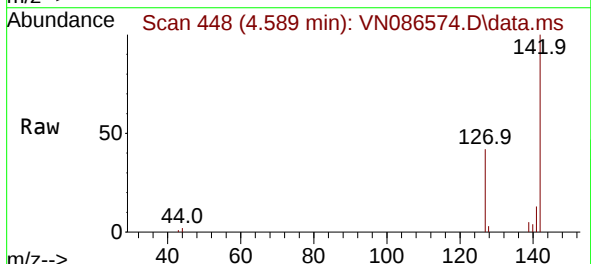
Instrument :
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Tgt Ion:101 Resp: 39602
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 73.0 56.1 84.1



#10
Methyl Iodide
Concen: 20.221 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:142 Resp: 46631
Ion Ratio Lower Upper
142 100
127 41.8 32.7 49.1
141 13.3 11.7 17.5

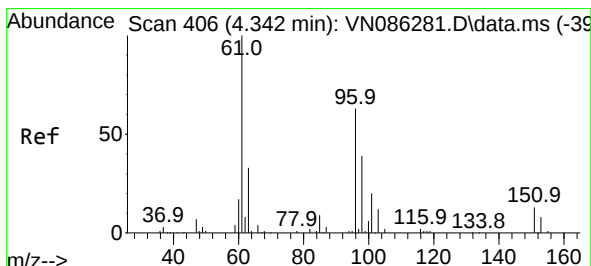
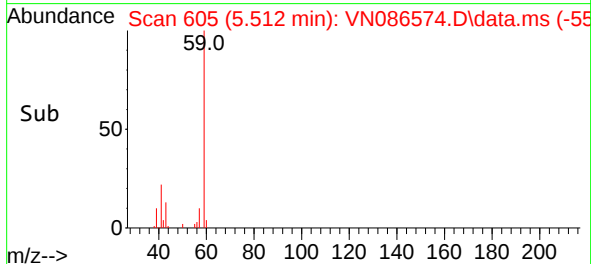
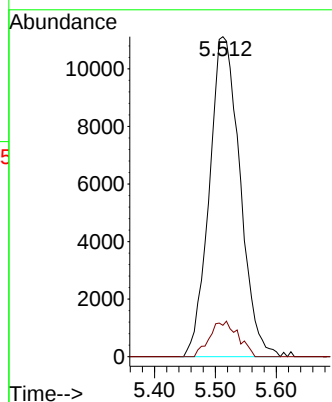
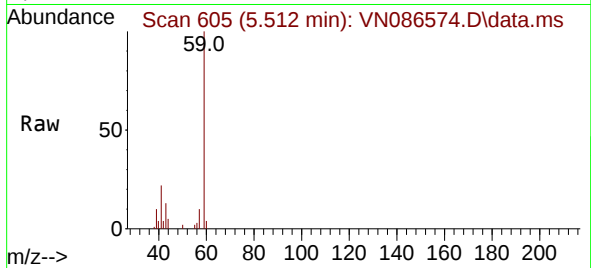




#11
Tert butyl alcohol
Concen: 77.387 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

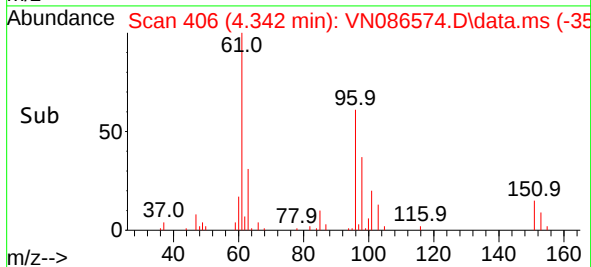
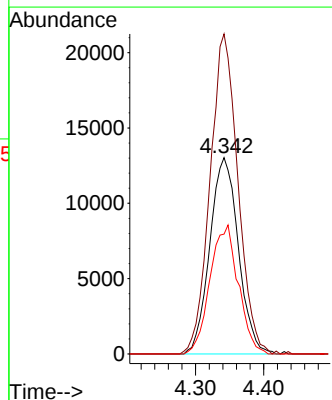
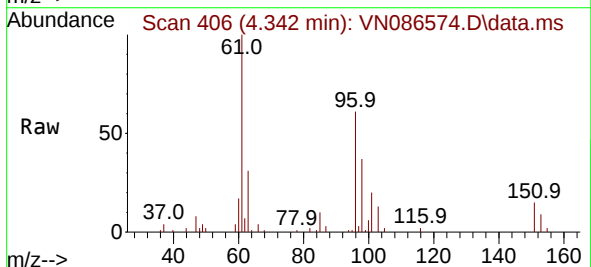
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion: 59 Resp: 38983
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.960 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 96 Resp: 38006
Ion Ratio Lower Upper
96 100
61 162.9 126.6 189.8
98 61.0 49.6 74.4

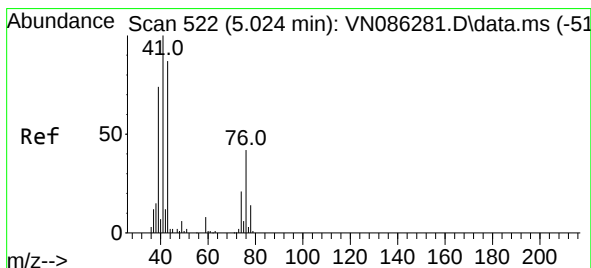
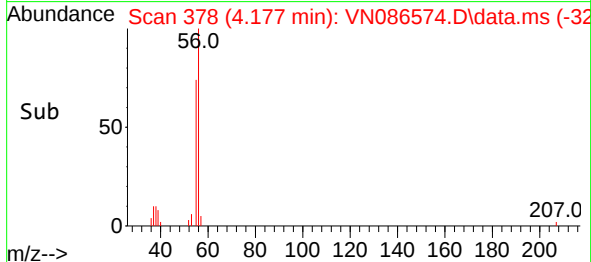
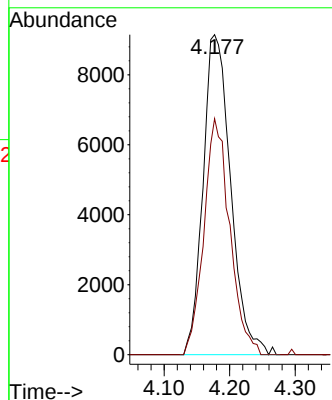
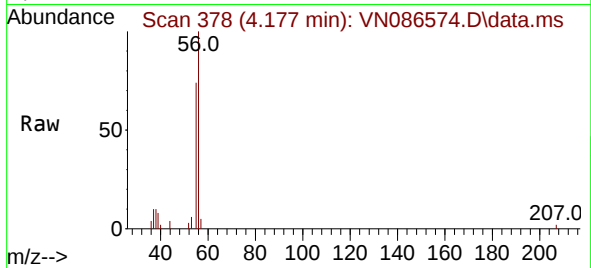




#13
Acrolein
Concen: 105.364 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

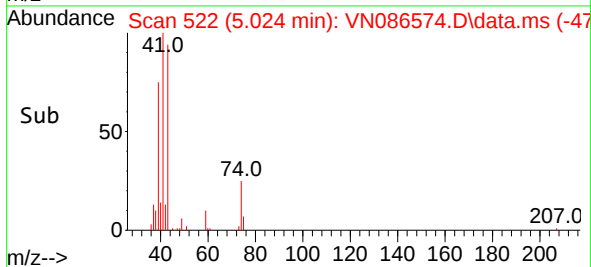
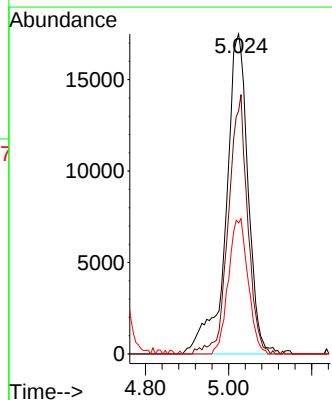
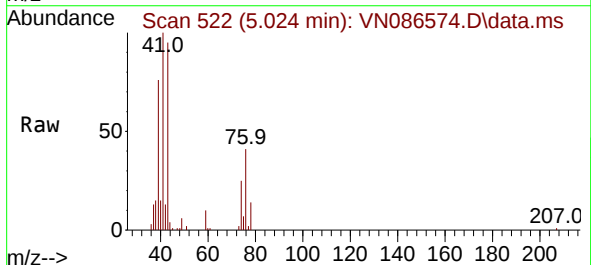
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion: 56 Resp: 26800
Ion Ratio Lower Upper
56 100
55 69.0 58.5 87.7



#14
Allyl chloride
Concen: 16.218 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 41 Resp: 64605
Ion Ratio Lower Upper
41 100
39 70.2 59.2 88.8
76 37.6 31.2 46.8

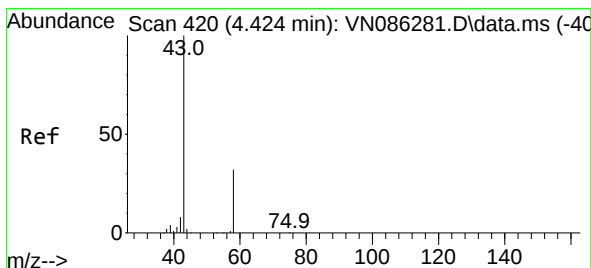
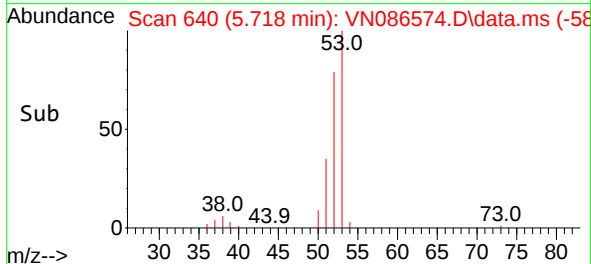
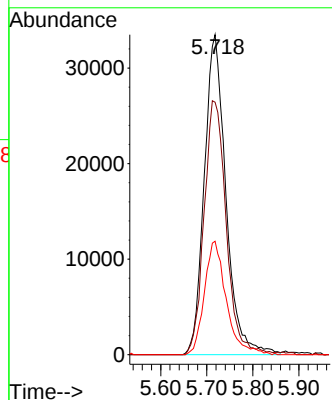
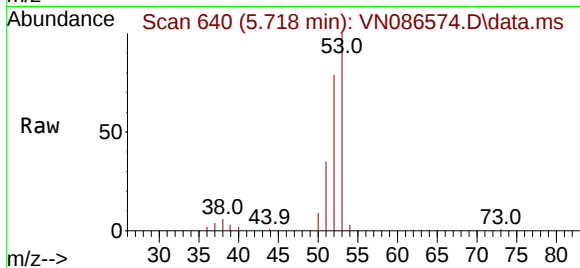




#15
Acrylonitrile
Concen: 88.010 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

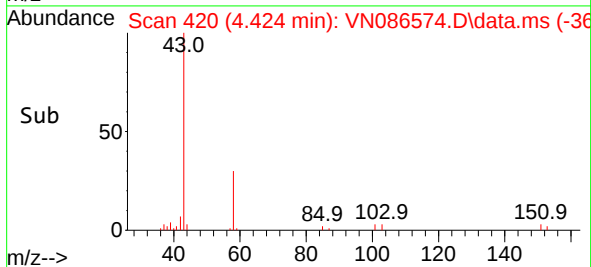
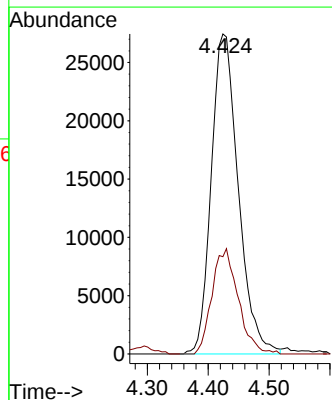
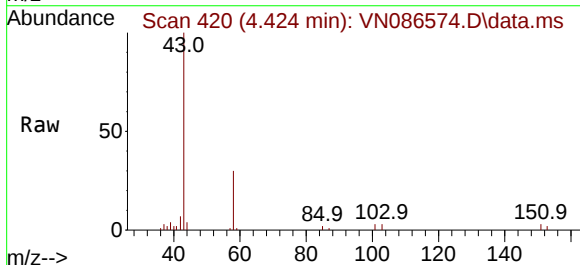
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion: 53 Resp: 109597
Ion Ratio Lower Upper
53 100
52 81.3 65.5 98.3
51 35.9 28.6 42.8



#16
Acetone
Concen: 84.953 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 43 Resp: 84688
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9

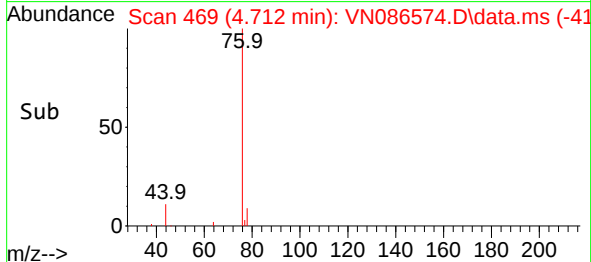
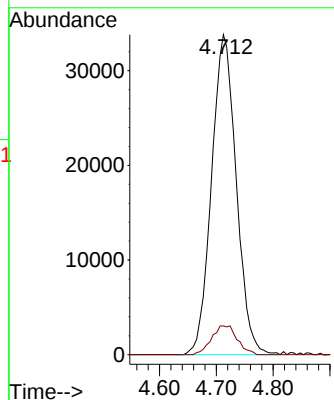
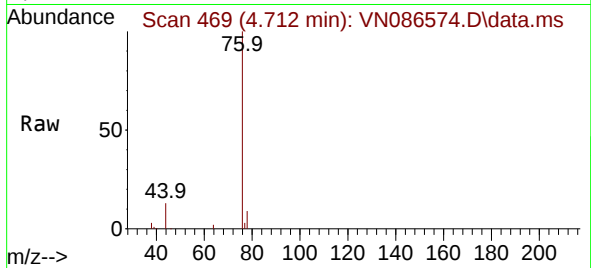




#17
Carbon Disulfide
Concen: 15.232 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

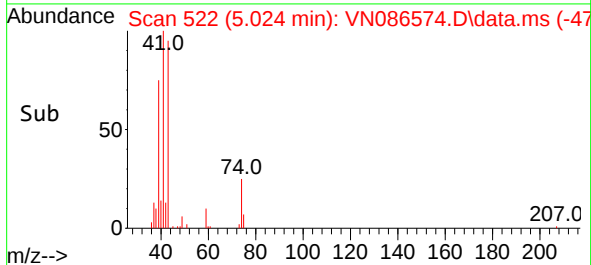
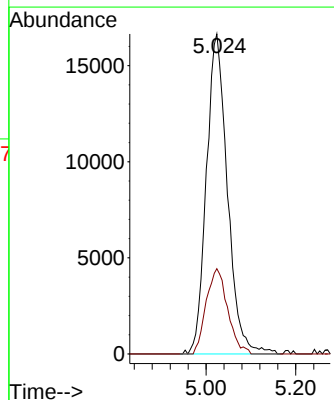
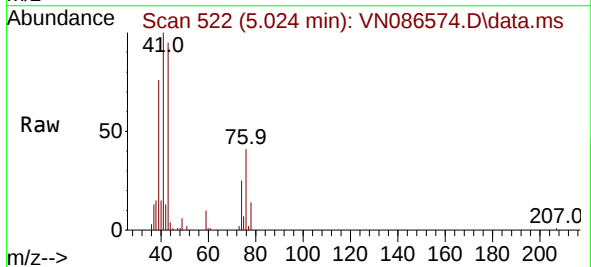
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

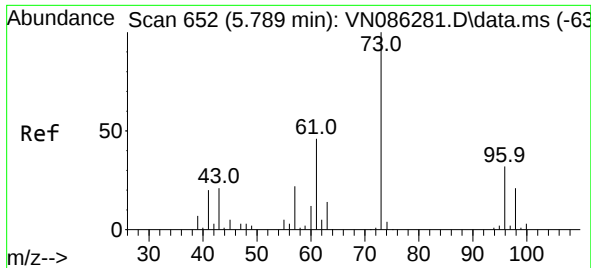
Tgt Ion: 76 Resp: 102202
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 16.376 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 43 Resp: 54270
Ion Ratio Lower Upper
43 100
74 27.1 19.8 29.6

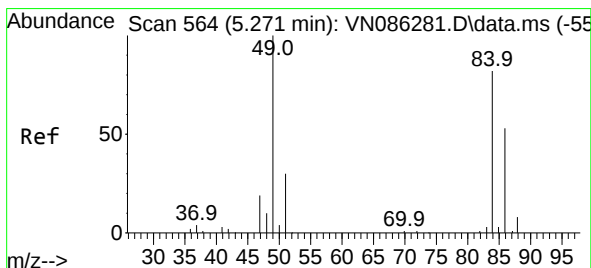
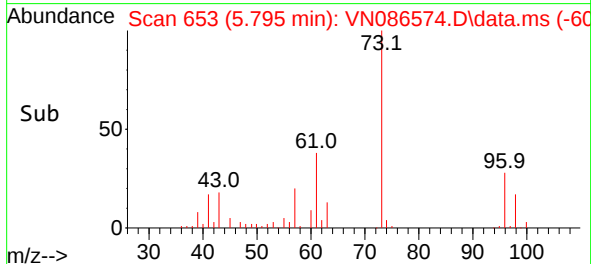
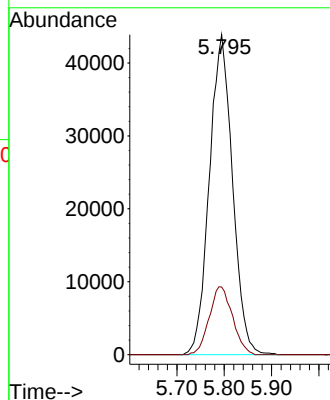
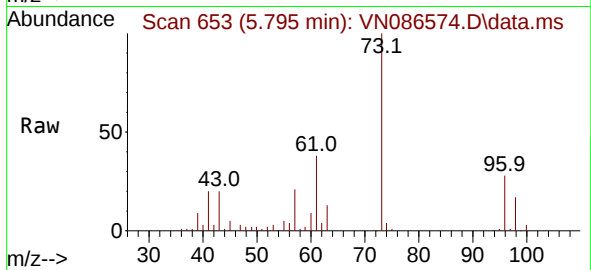




#19
Methyl tert-butyl Ether
Concen: 18.079 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

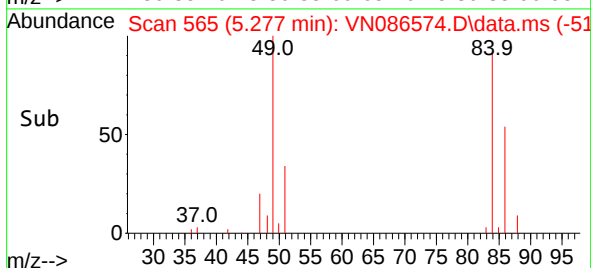
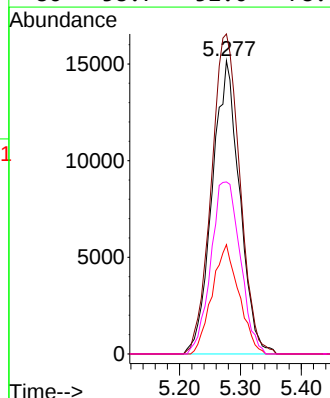
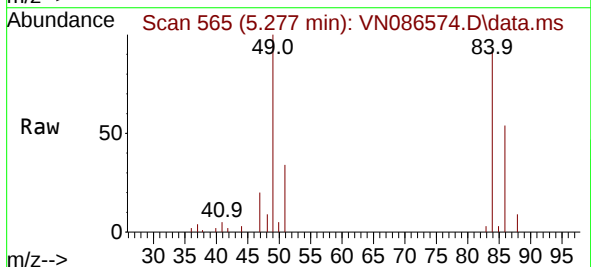
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

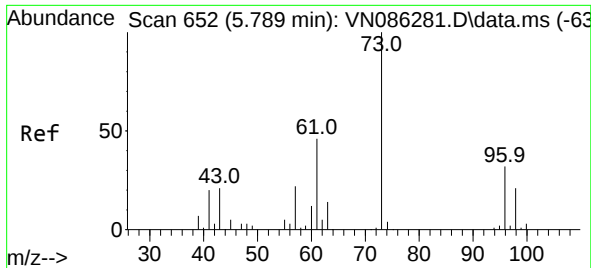
Tgt Ion: 73 Resp: 148925
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 18.580 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 84 Resp: 47422
Ion Ratio Lower Upper
84 100
49 109.2 98.2 147.2
51 37.3 29.8 44.6
86 58.7 52.0 78.0

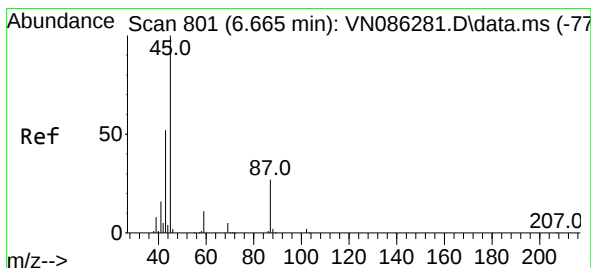
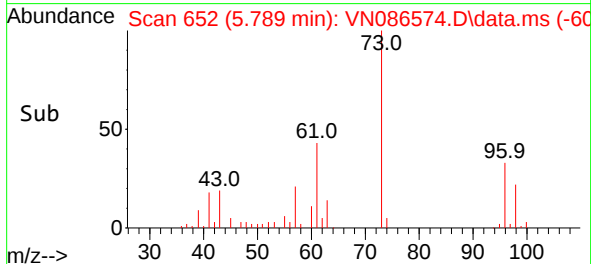
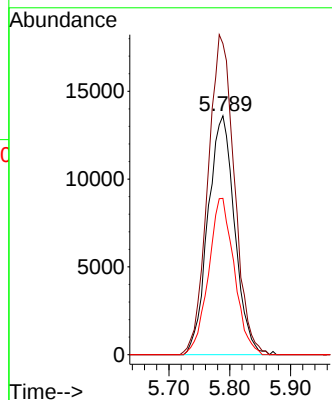
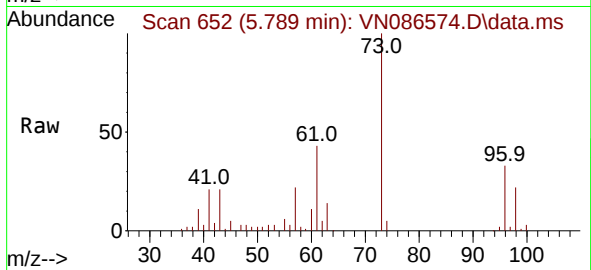




#21
trans-1,2-Dichloroethene
Concen: 17.706 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

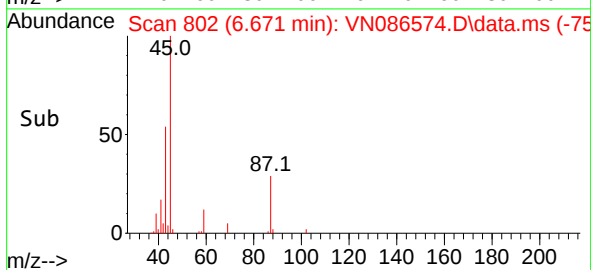
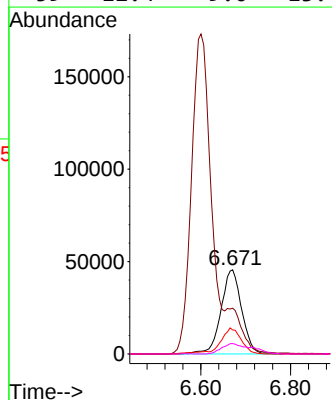
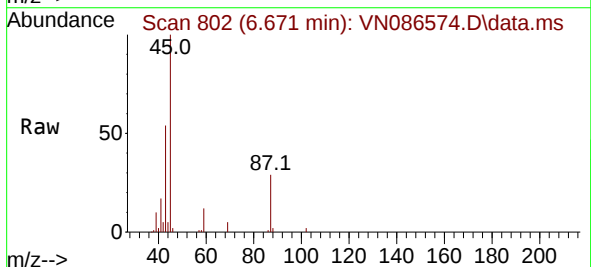
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

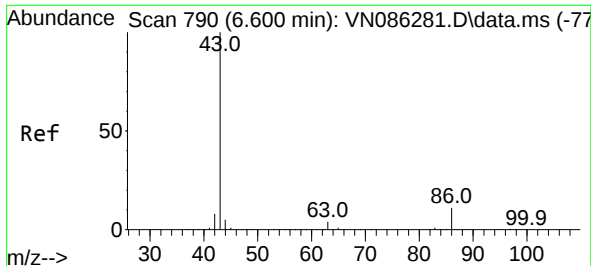
Tgt Ion: 96 Resp: 41482
Ion Ratio Lower Upper
96 100
61 130.2 114.6 171.8
98 65.4 51.2 76.8



#22
Diisopropyl ether
Concen: 16.817 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 45 Resp: 145731
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 28.5 21.6 32.4
59 12.4 9.0 13.4

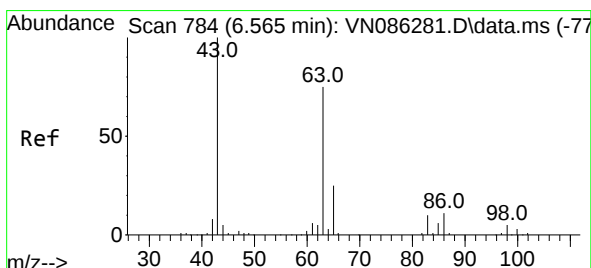
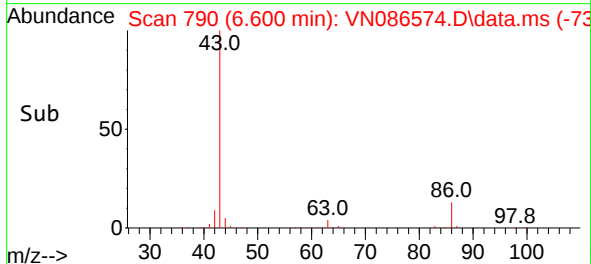
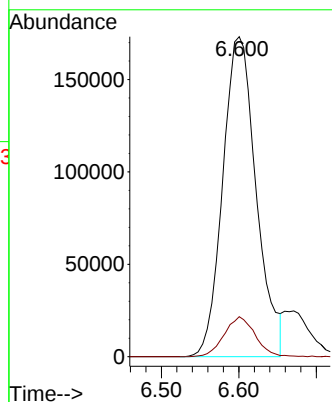
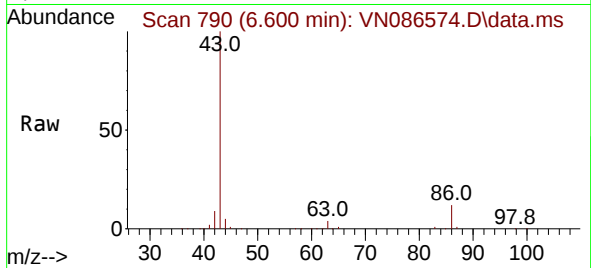




#23
 Vinyl Acetate
 Concen: 86.026 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

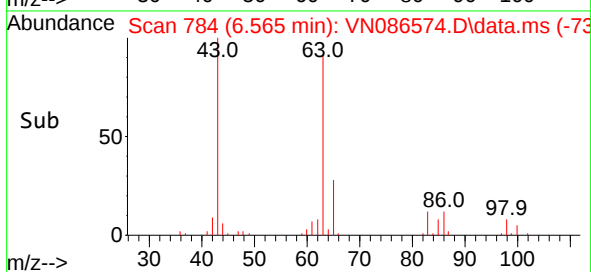
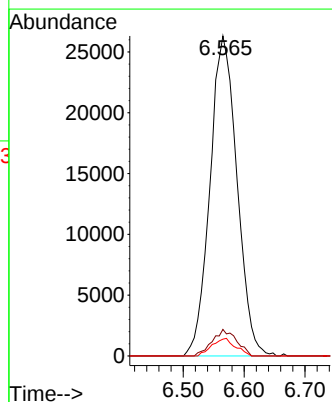
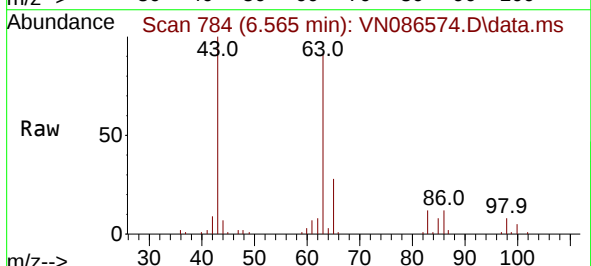
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

Tgt Ion: 43 Resp: 521135
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.763 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion: 63 Resp: 81220
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.4 10.2
 100 5.3 2.1 6.5

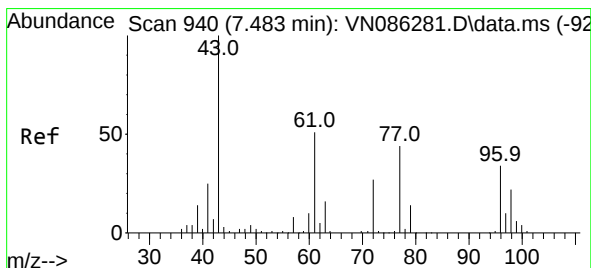
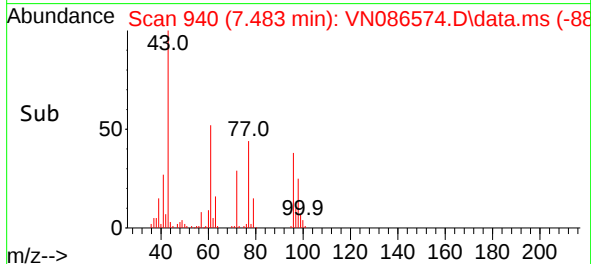
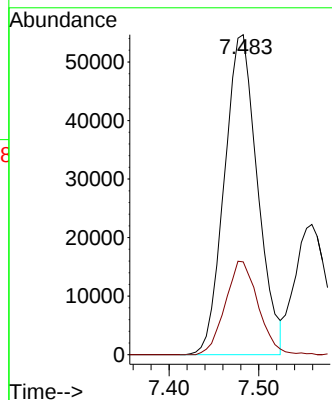
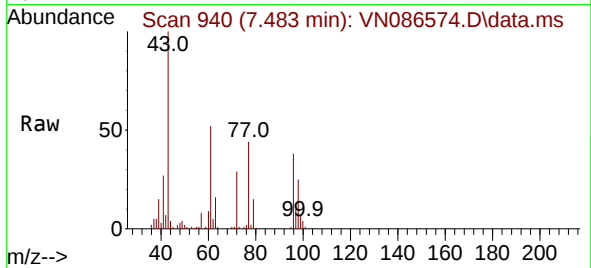




#25
2-Butanone
Concen: 81.592 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

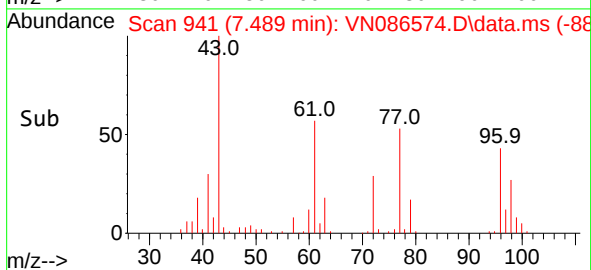
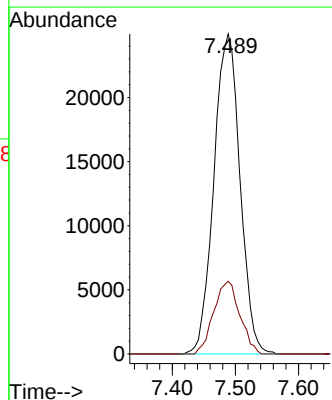
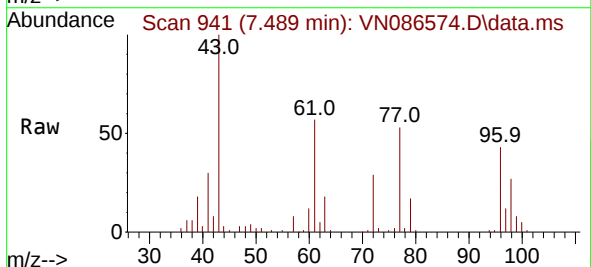
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

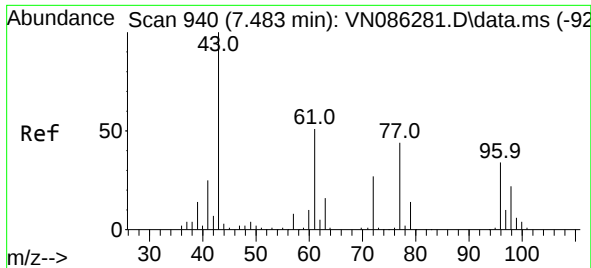
Tgt Ion: 43 Resp: 140216
Ion Ratio Lower Upper
43 100
72 29.0 21.7 32.5



#26
2,2-Dichloropropane
Concen: 17.534 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 77 Resp: 71784
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5

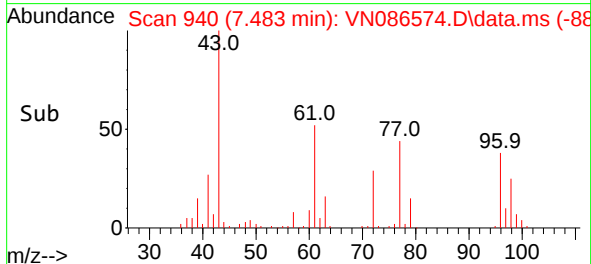
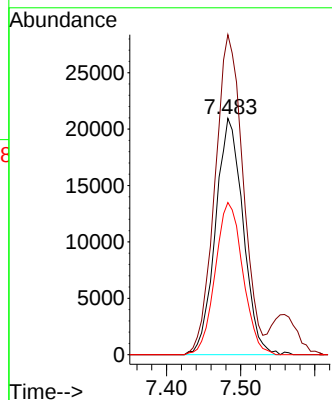
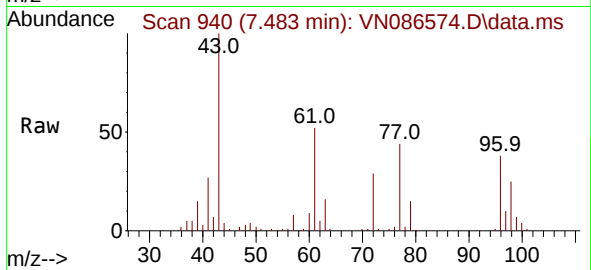




#27
 cis-1,2-Dichloroethene
 Concen: 18.602 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

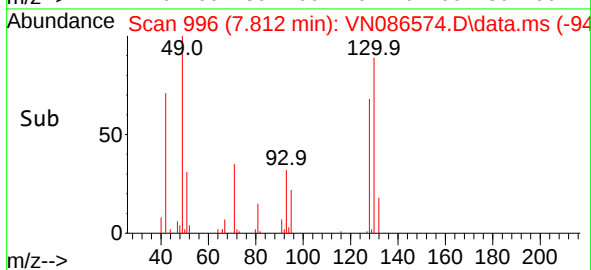
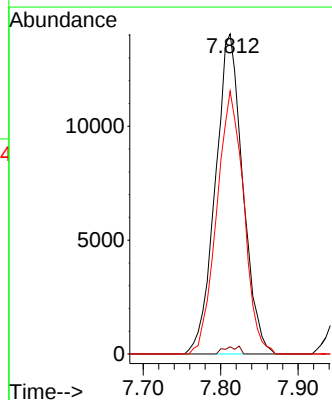
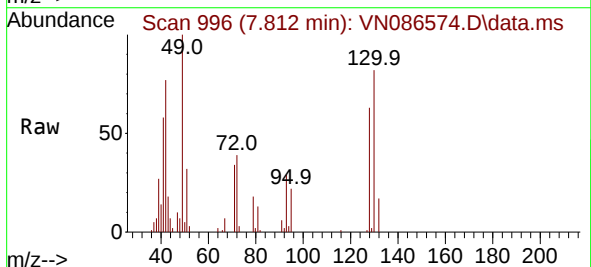
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

Tgt Ion:	96	Resp:	54092
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	299.0
98	64.6	0.0	129.6



#28
 Bromochloromethane
 Concen: 17.844 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion:	49	Resp:	34595
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	81.1	57.1	85.7





#29

Tetrahydrofuran

Concen: 80.144 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

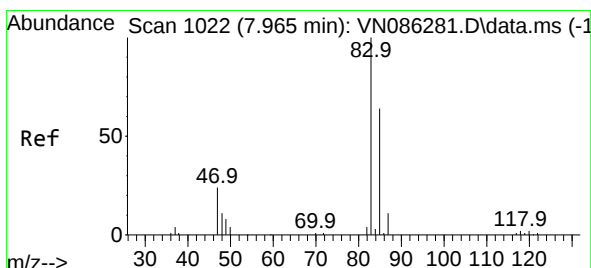
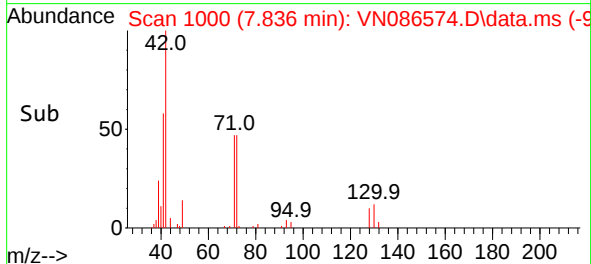
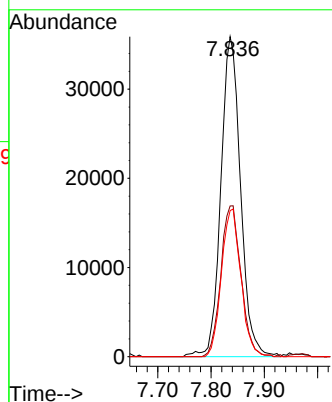
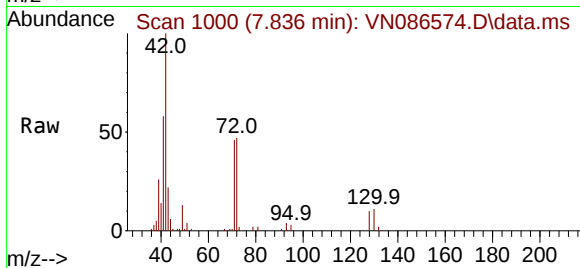
Tgt Ion: 42 Resp: 92099

Ion Ratio Lower Upper

42 100

72 48.4 36.2 54.4

71 45.6 34.0 51.0



#30

Chloroform

Concen: 19.046 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086574.D

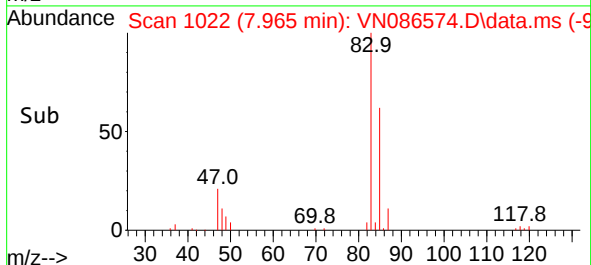
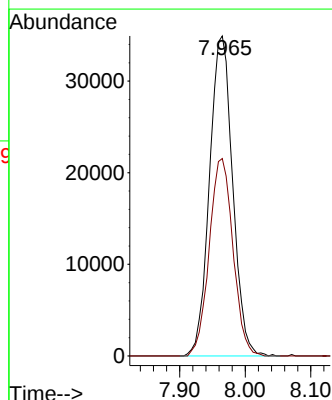
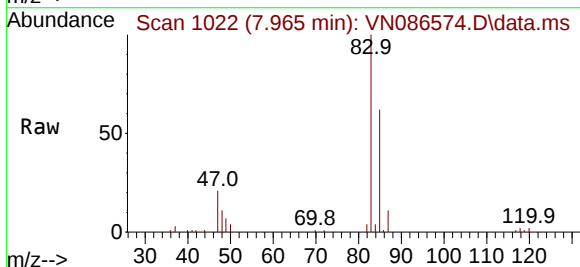
Acq: 12 May 2025 12:27

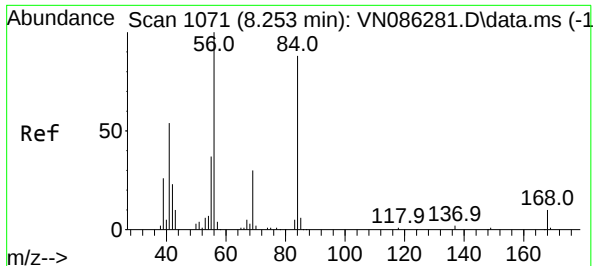
Tgt Ion: 83 Resp: 85547

Ion Ratio Lower Upper

83 100

85 61.7 51.5 77.3

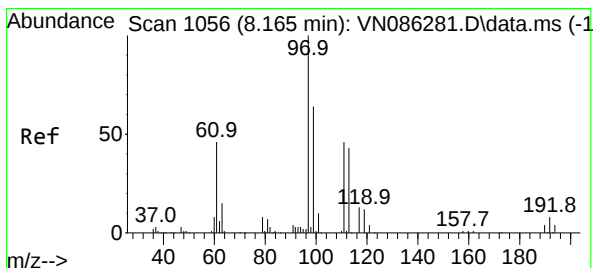
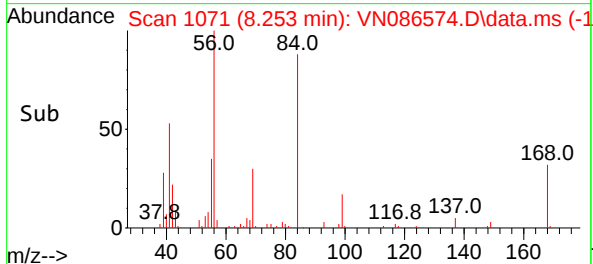
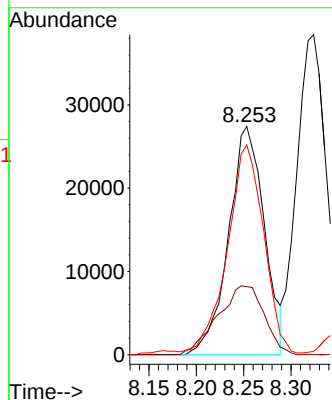
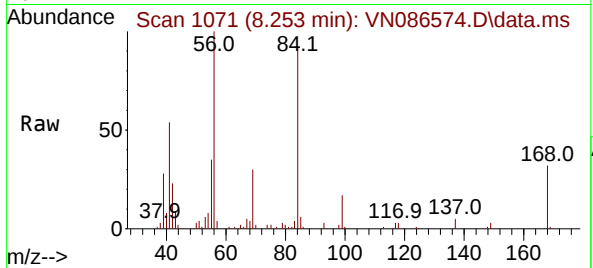




#31
Cyclohexane
Concen: 16.060 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

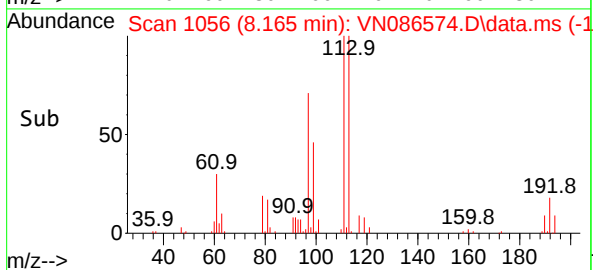
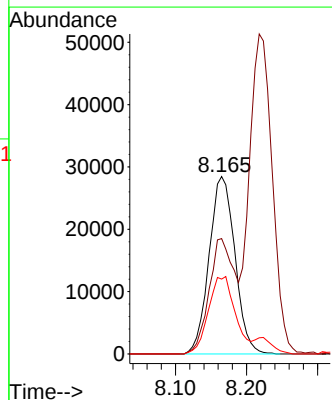
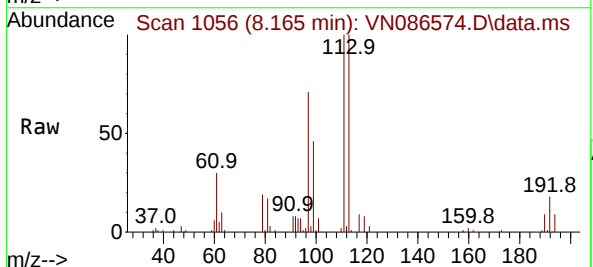
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion: 56 Resp: 71858
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.2
84 90.7 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 18.689 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 97 Resp: 71810
Ion Ratio Lower Upper
97 100
99 63.9 52.7 79.1
61 45.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 45.470 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

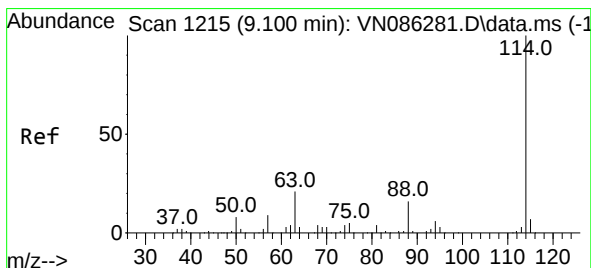
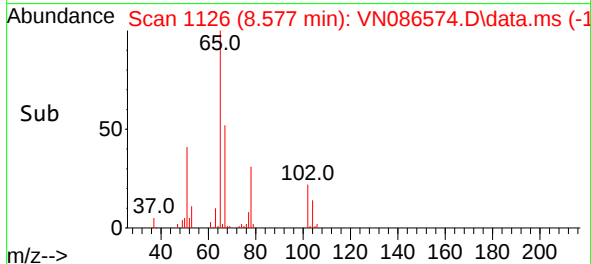
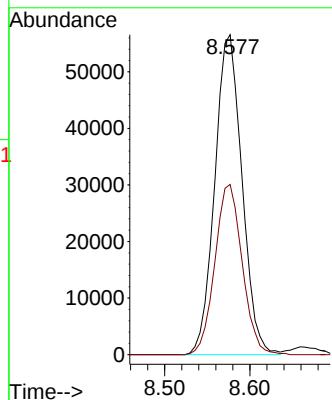
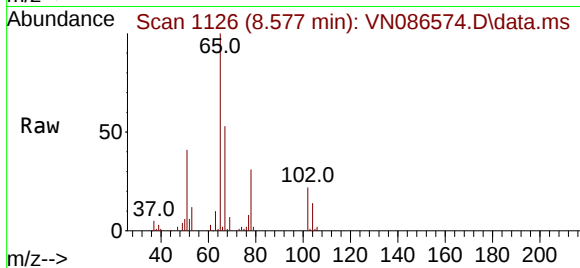
VN0512WBSD01

Tgt Ion: 65 Resp: 125537

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

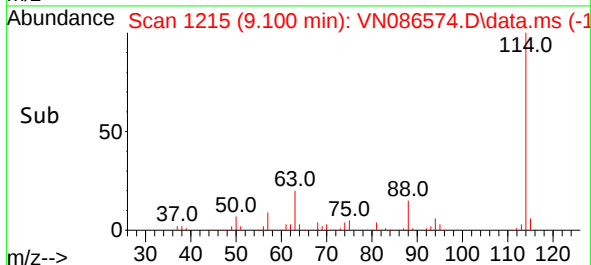
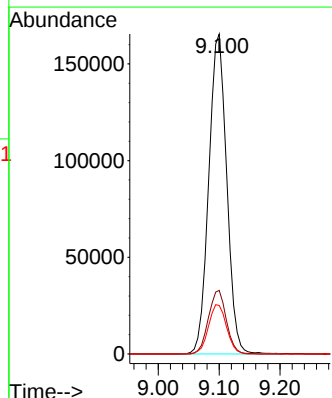
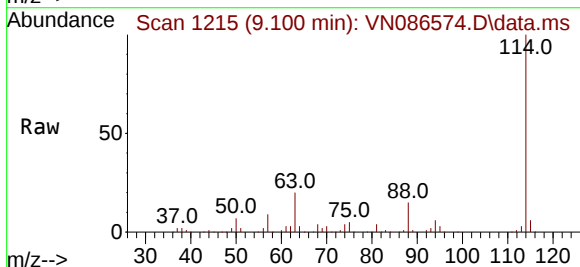
Tgt Ion: 114 Resp: 338415

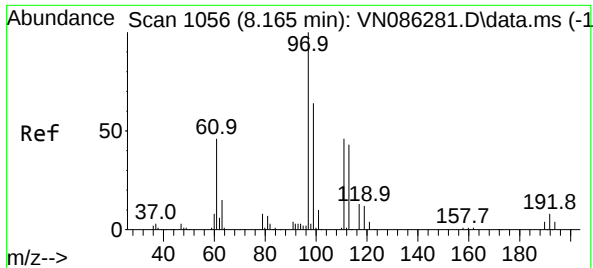
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.1 0.0 31.8

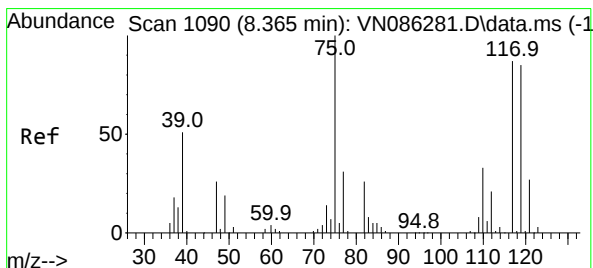
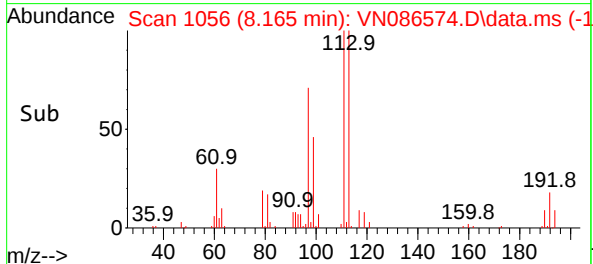
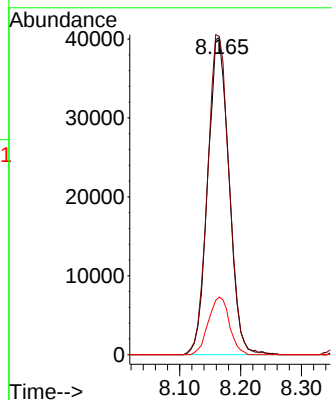
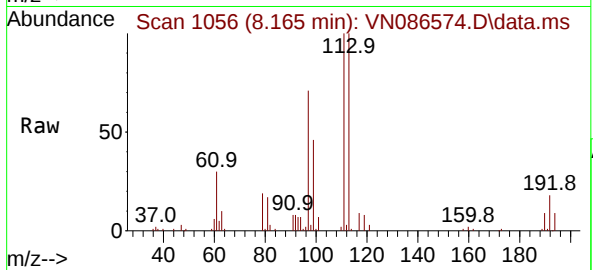




#35
Dibromofluoromethane
Concen: 61.978 ug/l
RT: 8.165 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

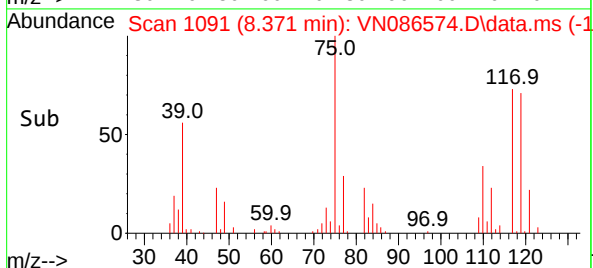
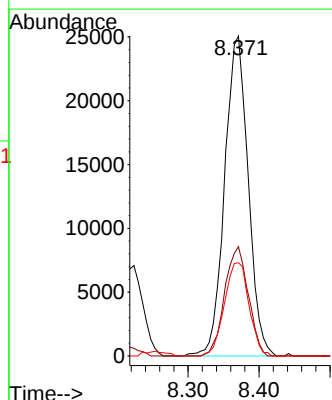
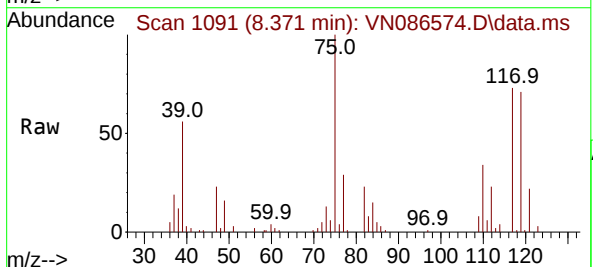
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

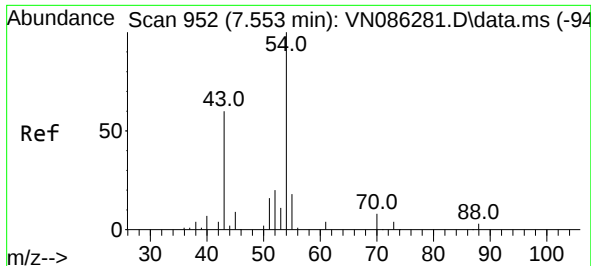
Tgt Ion:113 Resp: 97345
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.0
192 17.9 13.7 20.5



#36
1,1-Dichloropropene
Concen: 18.397 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 75 Resp: 57712
Ion Ratio Lower Upper
75 100
110 34.2 16.8 50.4
77 30.5 24.9 37.3

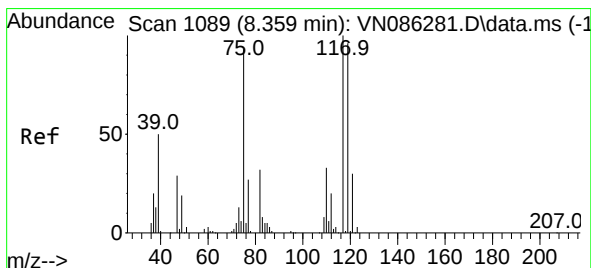
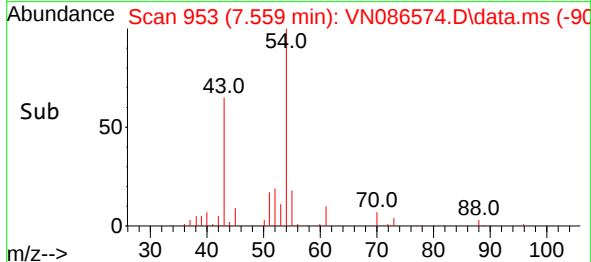
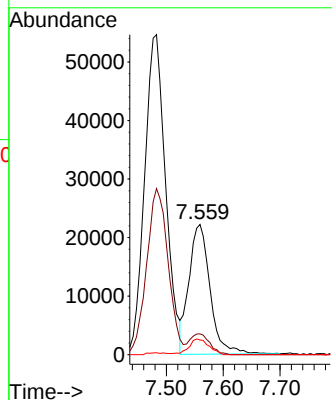
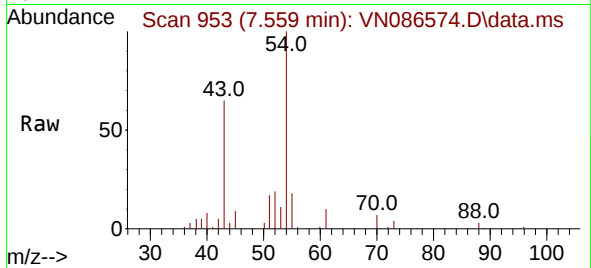




#37
Ethyl Acetate
Concen: 17.365 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

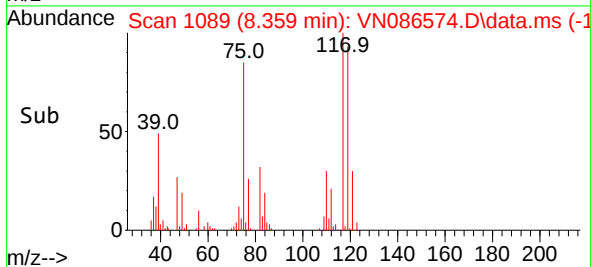
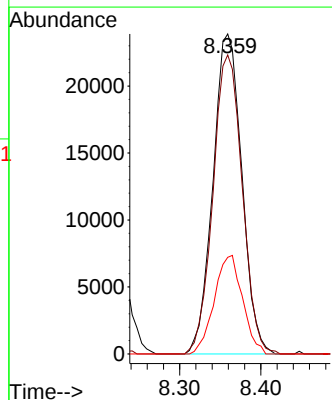
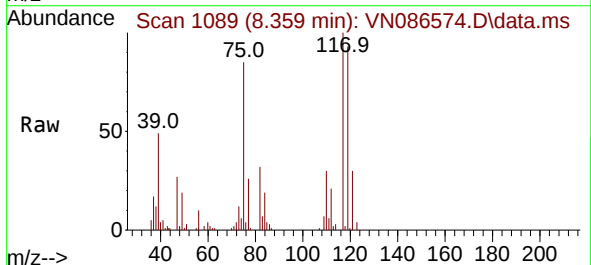
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

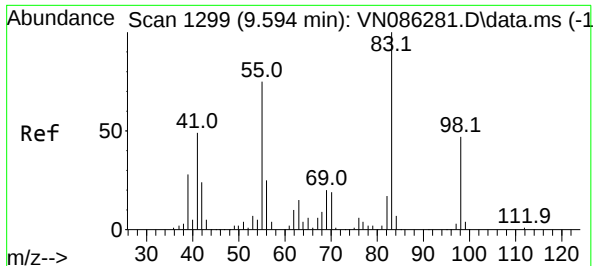
Tgt Ion: 43 Resp: 57352
Ion Ratio Lower Upper
43 100
61 15.6 11.1 16.7
70 11.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.764 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 117 Resp: 59045
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 30.2 23.8 35.8





#39

Methylcyclohexane

Concen: 17.469 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

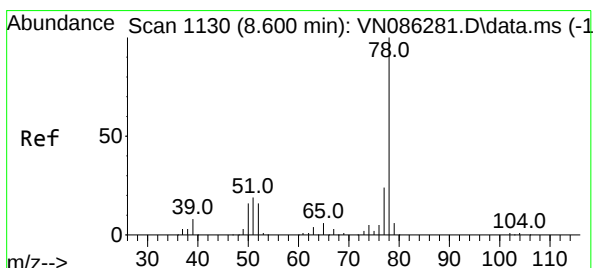
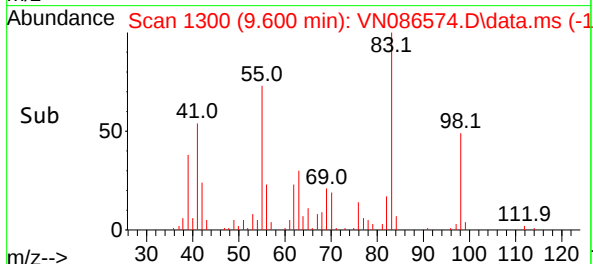
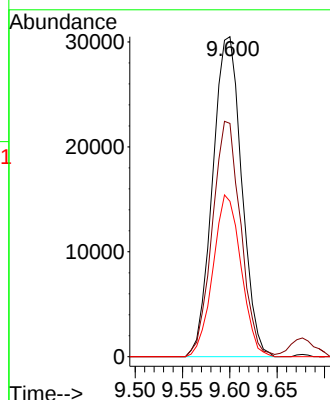
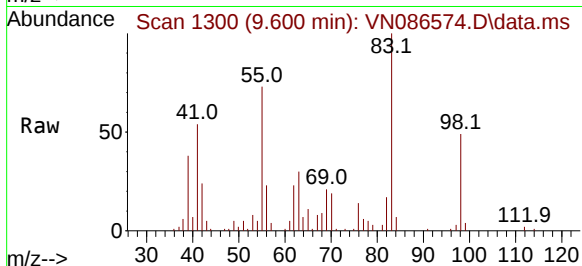
Tgt Ion: 83 Resp: 65139

Ion Ratio Lower Upper

83 100

55 72.9 59.8 89.8

98 48.5 37.9 56.9



#40

Benzene

Concen: 18.899 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086574.D

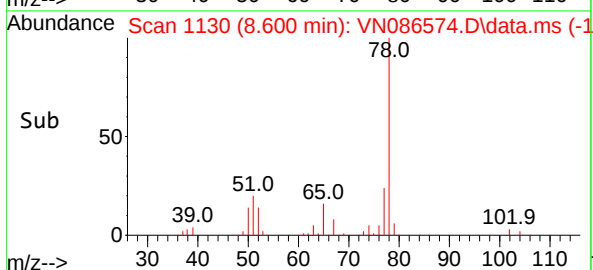
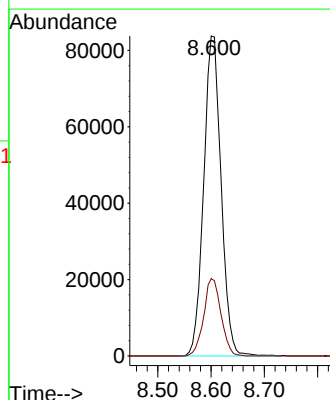
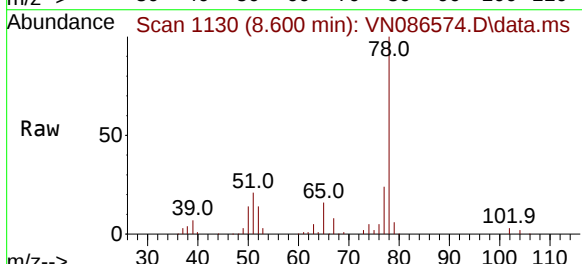
Acq: 12 May 2025 12:27

Tgt Ion: 78 Resp: 189957

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.2

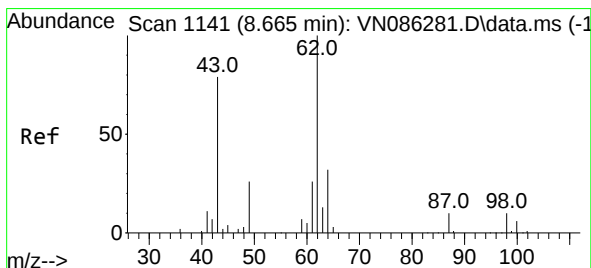
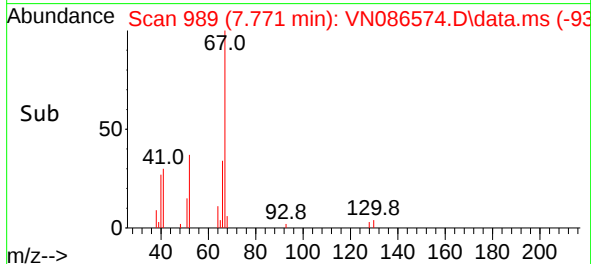
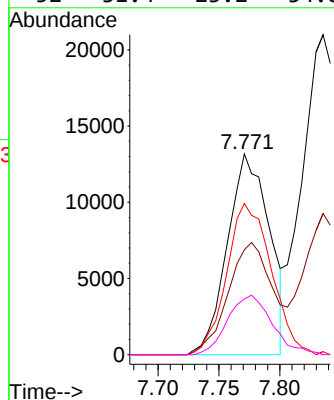
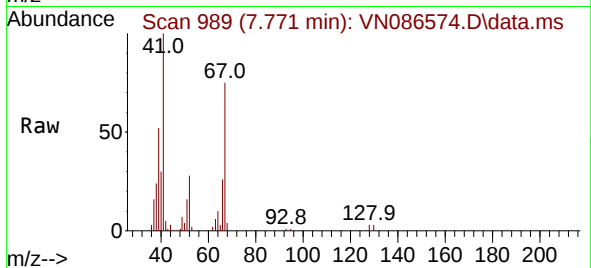




#41
Methacrylonitrile
Concen: 16.468 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

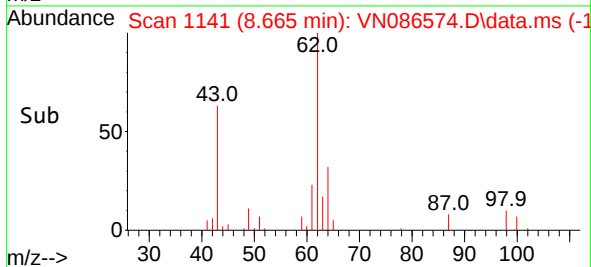
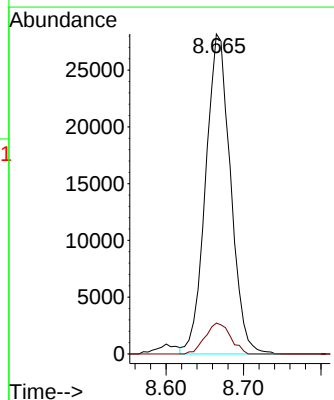
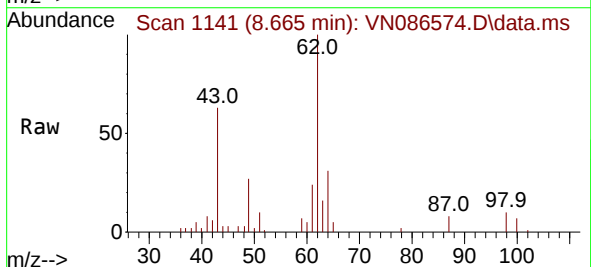
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

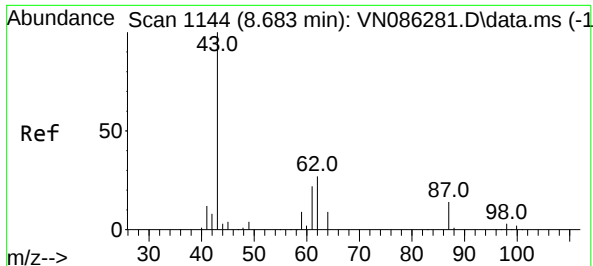
Tgt Ion:	41	Resp:	31523
Ion	Ratio	Lower	Upper
41	100		
39	60.4	43.0	64.4
67	80.2	58.8	88.2
52	31.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 19.605 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:	62	Resp:	62837
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

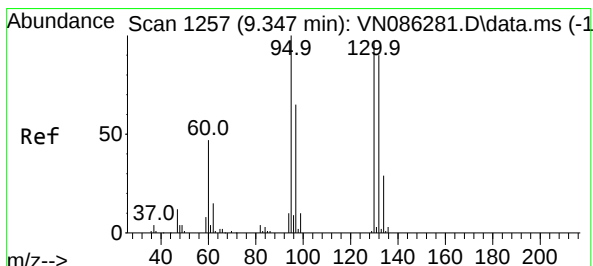
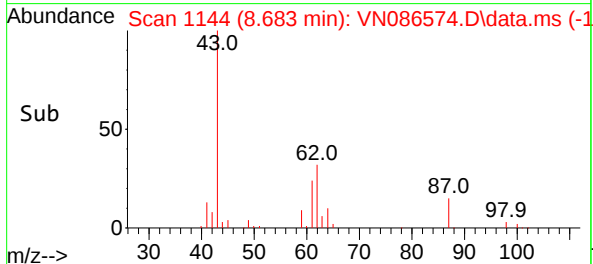
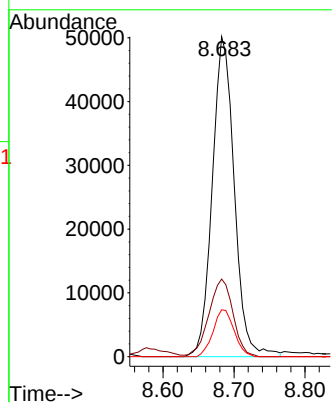
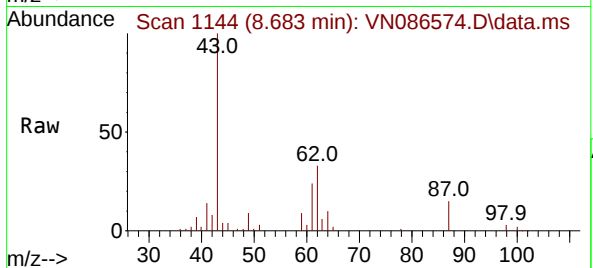




#43
Isopropyl Acetate
Concen: 16.711 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

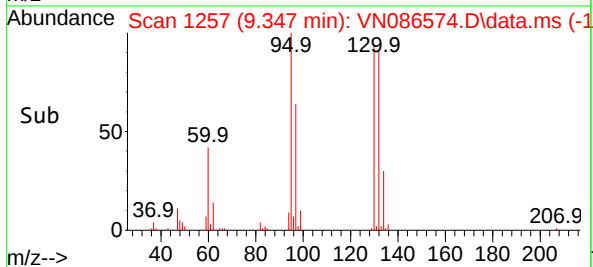
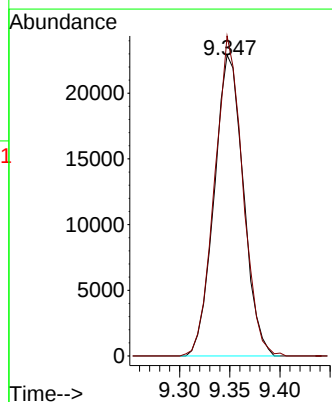
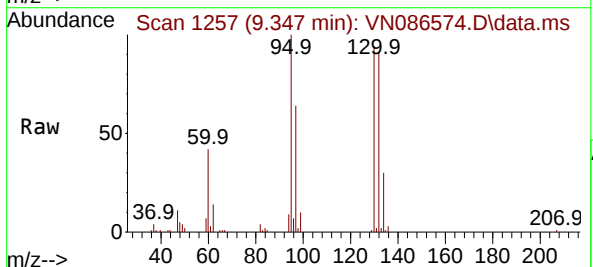
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

Tgt Ion: 43 Resp: 107898
Ion Ratio Lower Upper
43 100
61 26.6 20.5 30.7
87 14.0 10.5 15.7



#44
Trichloroethene
Concen: 19.379 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:130 Resp: 46167
Ion Ratio Lower Upper
130 100
95 106.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.246 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

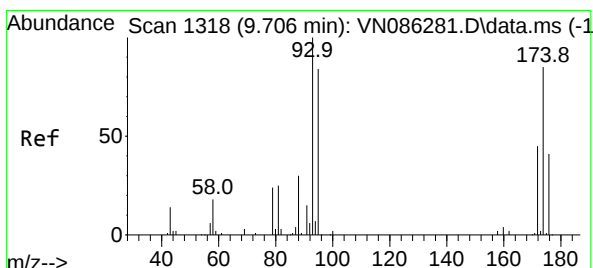
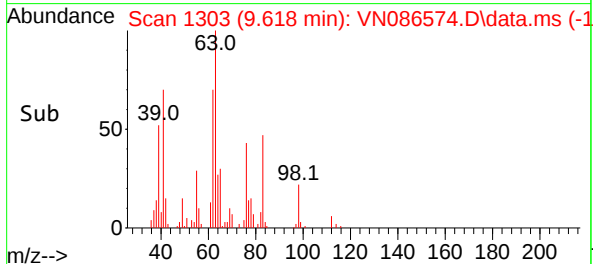
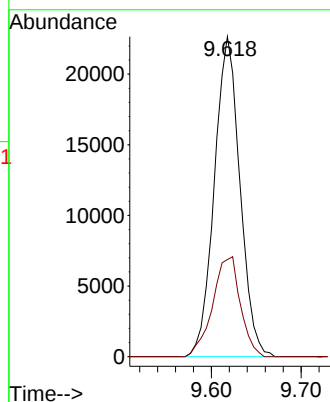
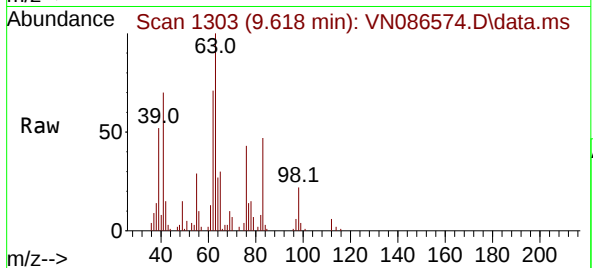
VN0512WBSD01

Tgt Ion: 63 Resp: 44890

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 20.267 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

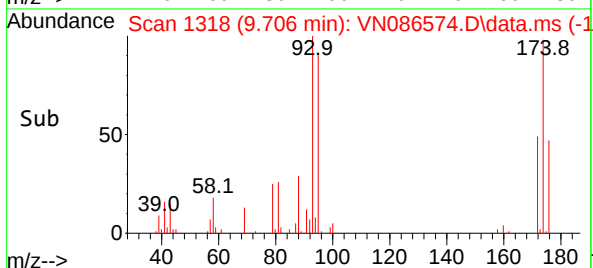
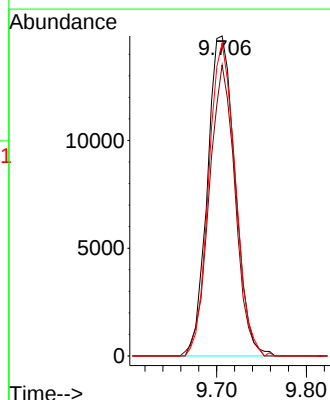
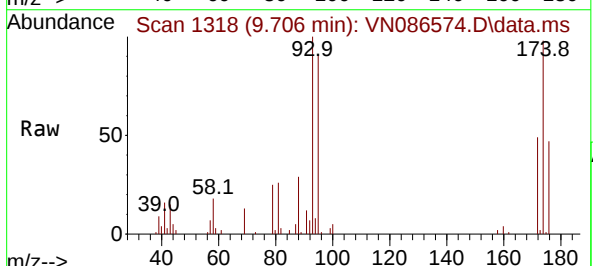
Tgt Ion: 93 Resp: 31770

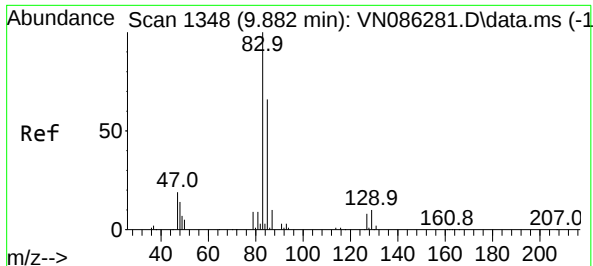
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 94.1 67.8 101.6

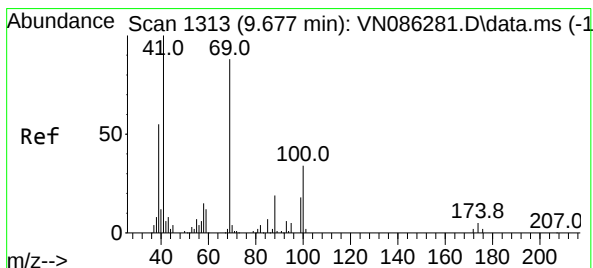
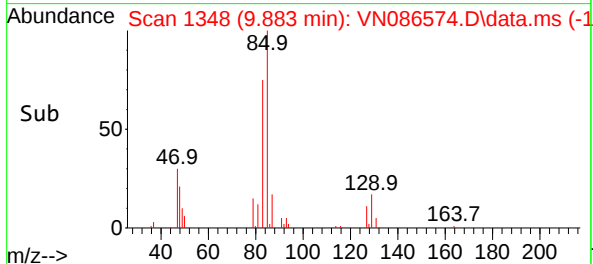
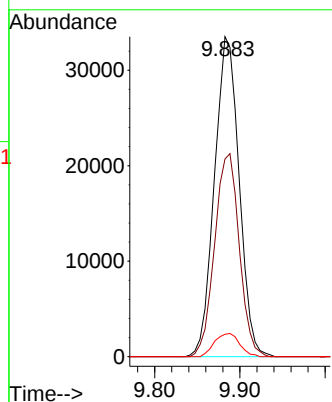
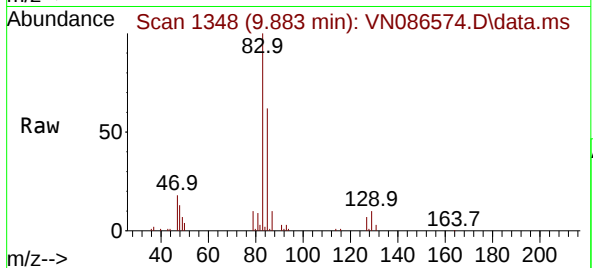




#47
Bromodichloromethane
Concen: 19.931 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

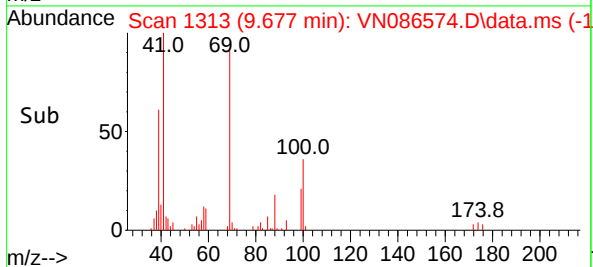
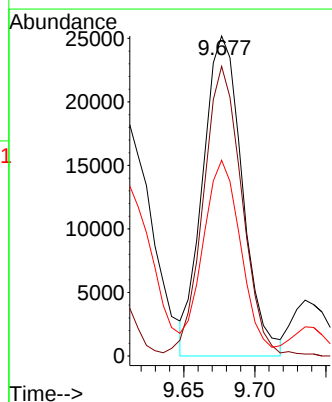
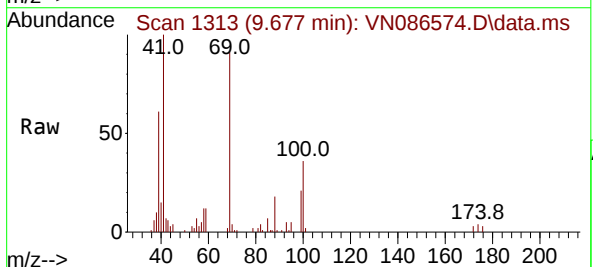
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

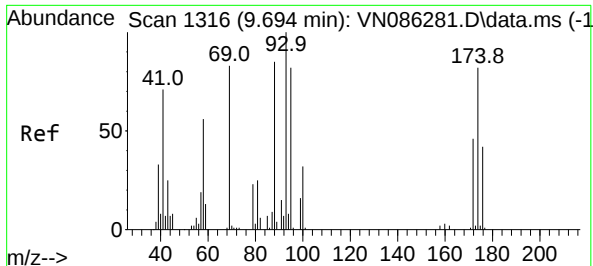
Tgt Ion: 83 Resp: 67480
Ion Ratio Lower Upper
83 100
85 61.8 52.6 78.8
127 7.0 6.1 9.1



#48
Methyl methacrylate
Concen: 16.827 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 41 Resp: 48803
Ion Ratio Lower Upper
41 100
69 88.7 68.2 102.2
39 58.9 45.2 67.8





#49

1,4-Dioxane

Concen: 343.657 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

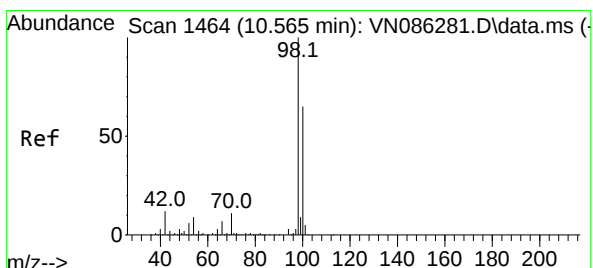
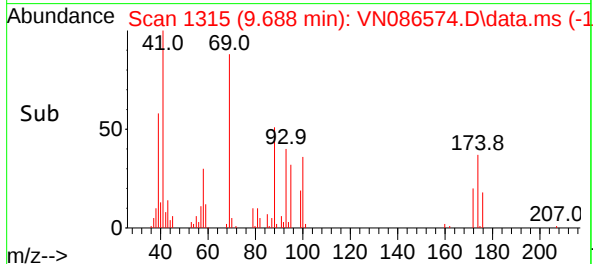
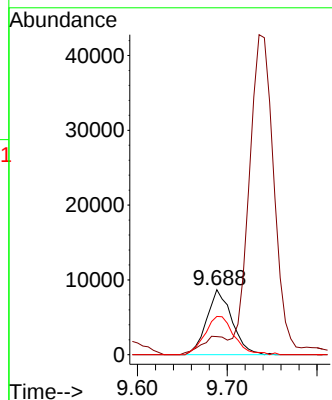
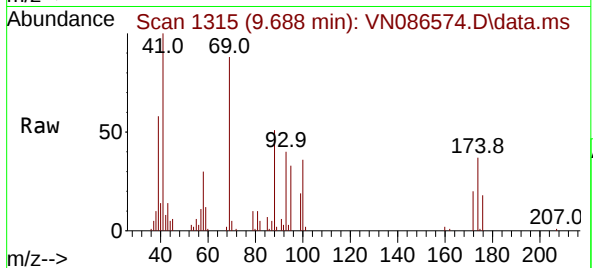
Tgt Ion: 88 Resp: 16954

Ion Ratio Lower Upper

88 100

43 28.6 23.8 35.8

58 67.6 57.4 86.2



#50

Toluene-d8

Concen: 46.492 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086574.D

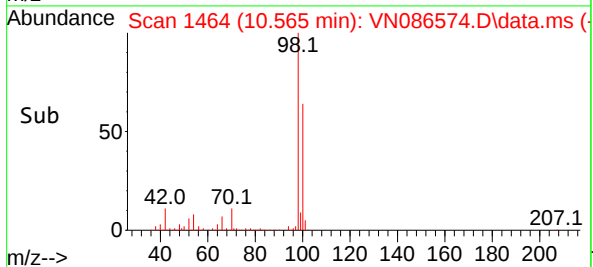
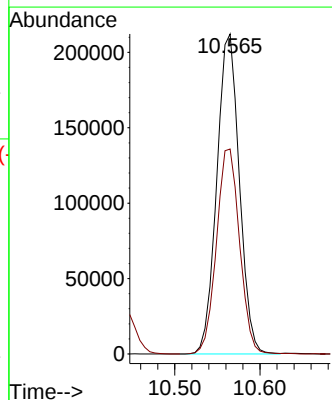
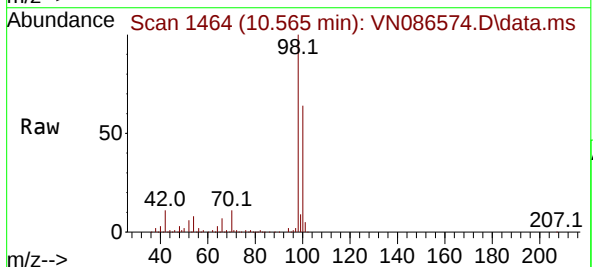
Acq: 12 May 2025 12:27

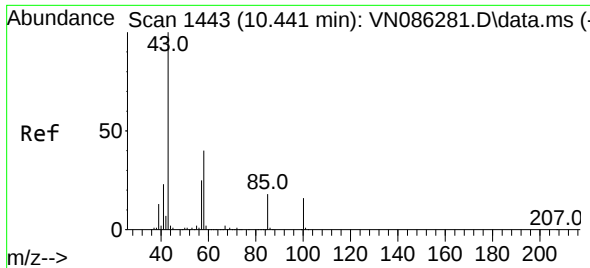
Tgt Ion: 98 Resp: 390263

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

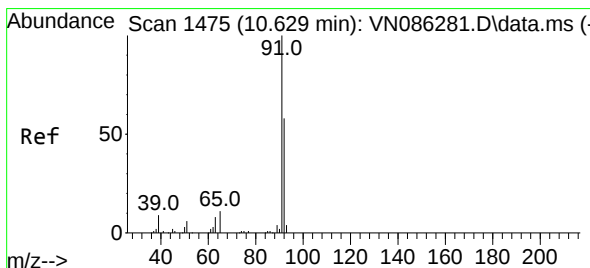
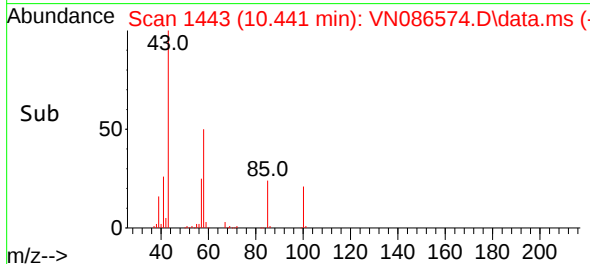
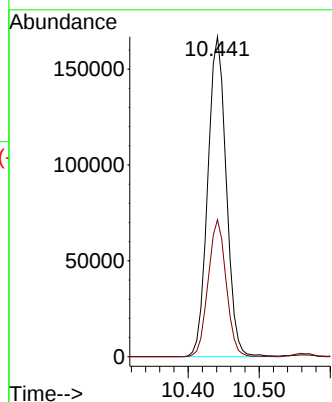
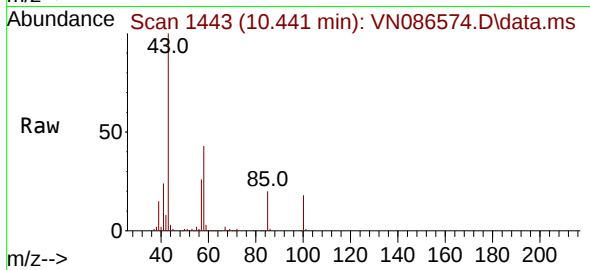




#51
4-Methyl-2-Pentanone
Concen: 89.361 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

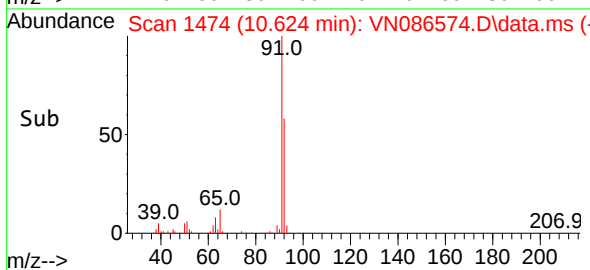
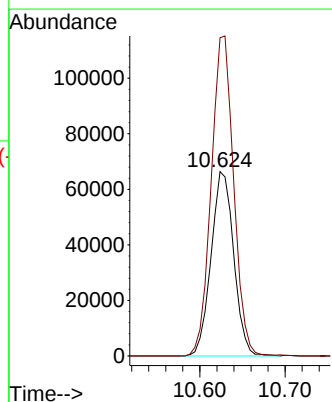
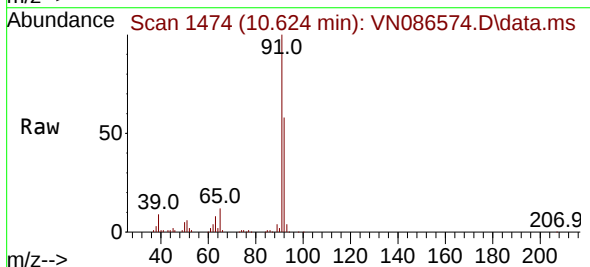
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

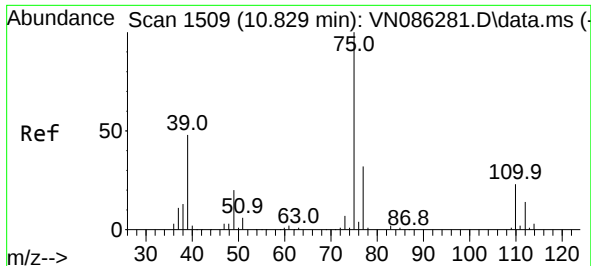
Tgt Ion: 43 Resp: 302218
Ion Ratio Lower Upper
43 100
58 41.7 32.2 48.4



#52
Toluene
Concen: 19.508 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 92 Resp: 122345
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9

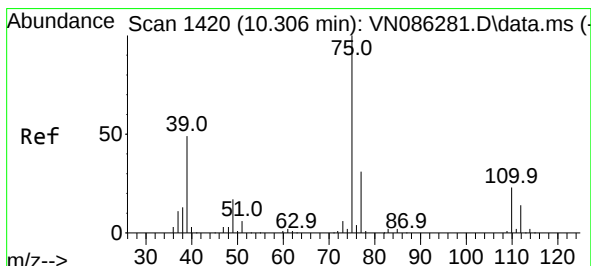
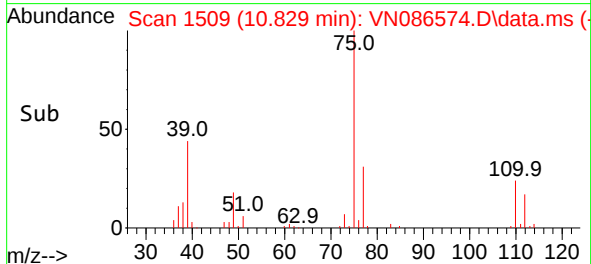
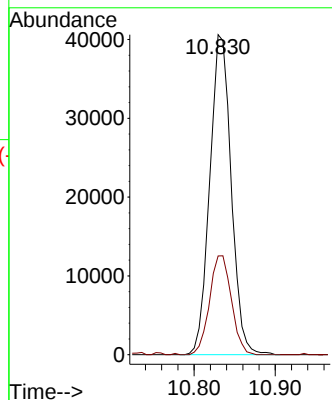
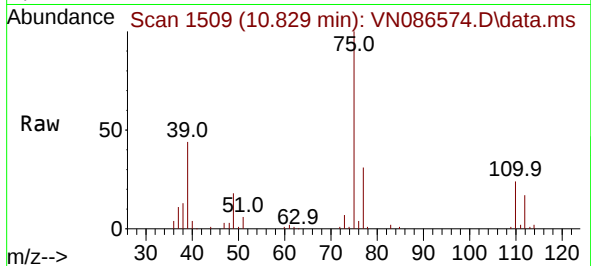




#53
 t-1,3-Dichloropropene
 Concen: 19.663 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

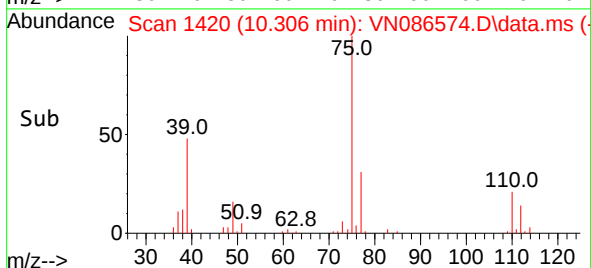
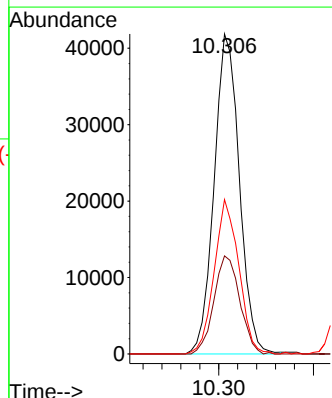
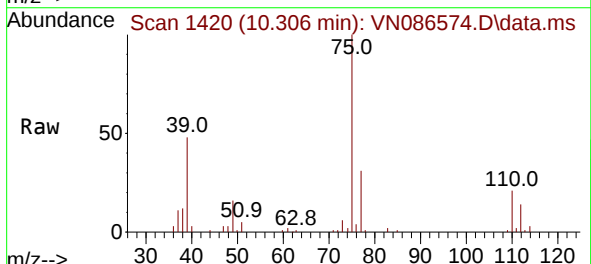
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

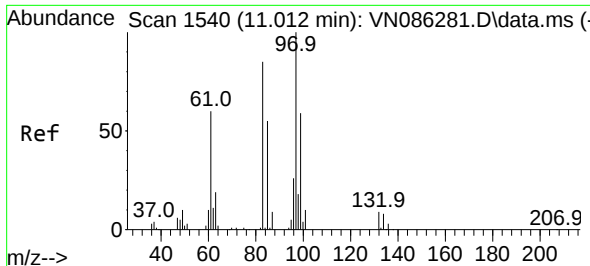
Tgt Ion: 75 Resp: 74315
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.668 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion: 75 Resp: 77493
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 48.3 39.3 58.9

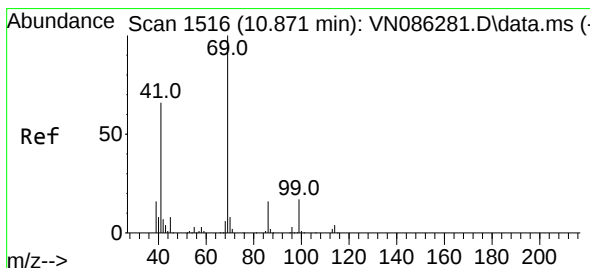
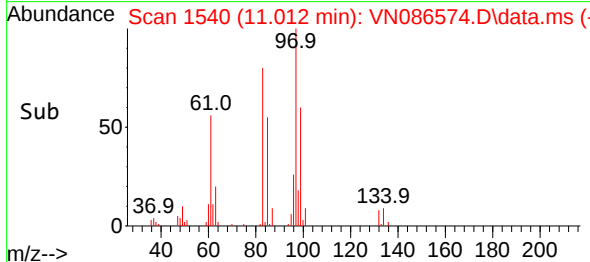
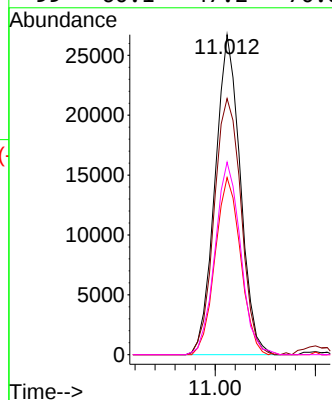
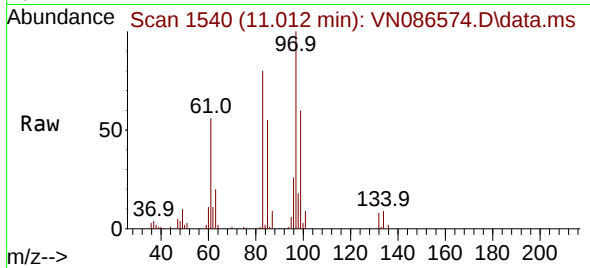




#55
1,1,2-Trichloroethane
Concen: 20.681 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

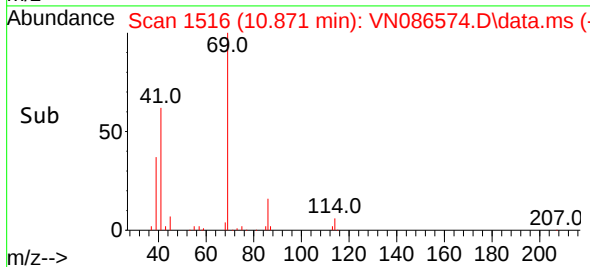
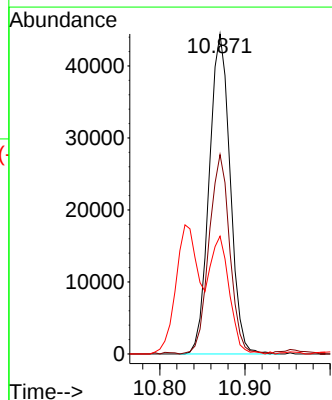
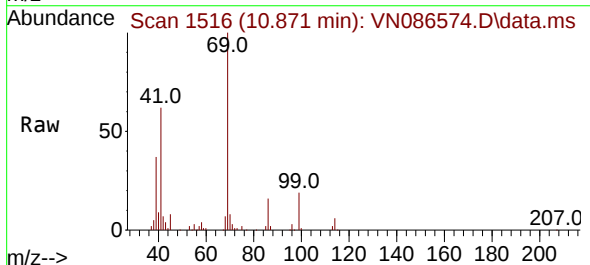
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

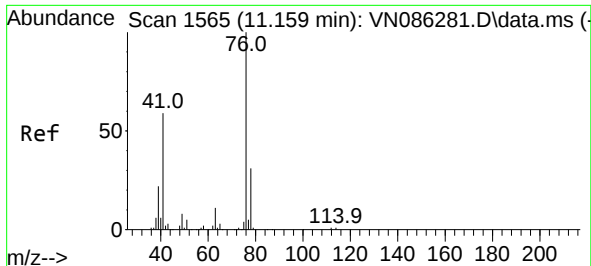
Tgt Ion:	97	Resp:	46666
Ion	Ratio	Lower	Upper
97	100		
83	80.0	68.4	102.6
85	55.3	43.9	65.9
99	60.1	47.2	70.8



#56
Ethyl methacrylate
Concen: 18.264 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:	69	Resp:	75752
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	33.3	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

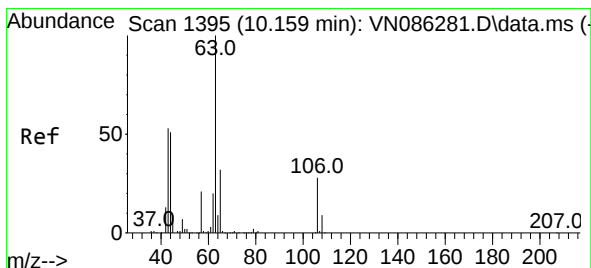
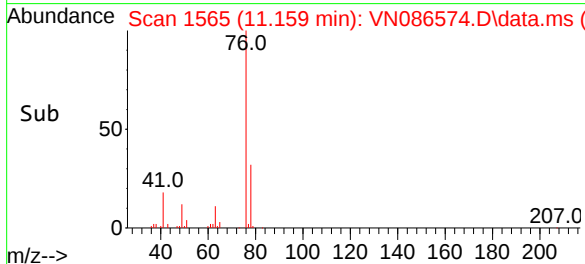
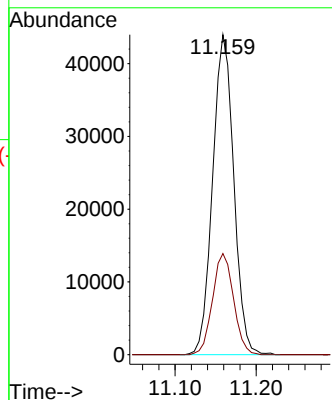
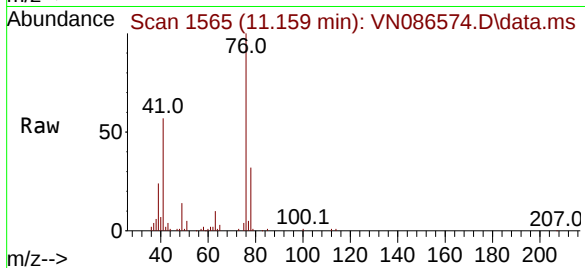
VN0512WBSD01

Tgt Ion: 76 Resp: 79521

Ion Ratio Lower Upper

76 100

78 31.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 82.802 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086574.D

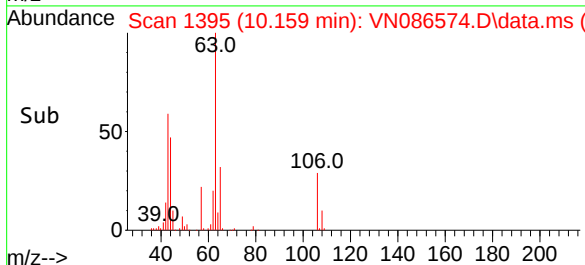
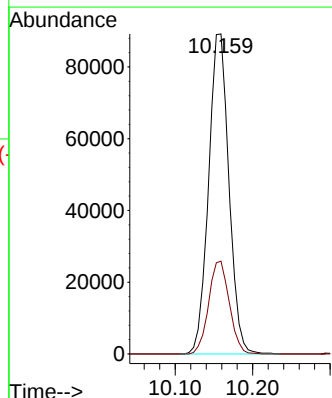
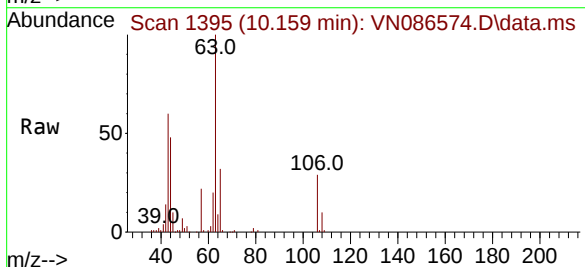
Acq: 12 May 2025 12:27

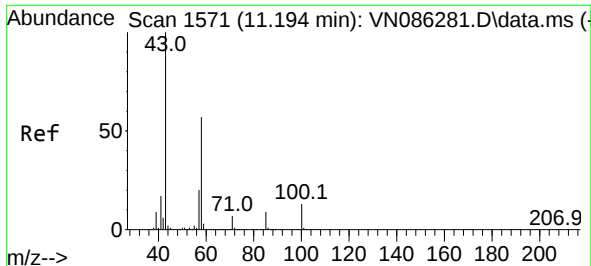
Tgt Ion: 63 Resp: 163008

Ion Ratio Lower Upper

63 100

106 29.4 22.2 33.2

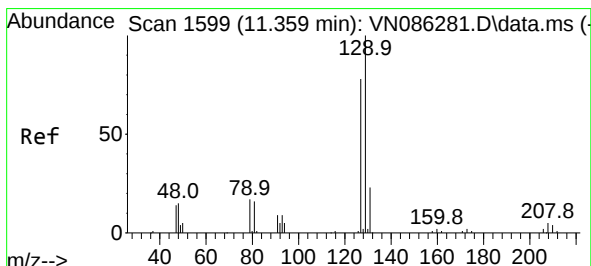
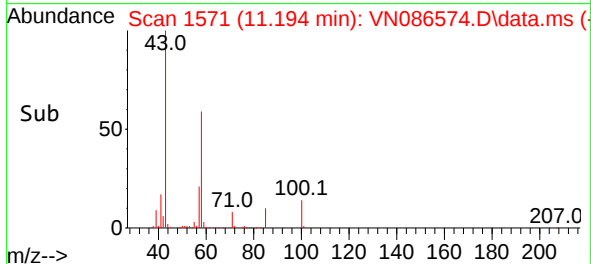
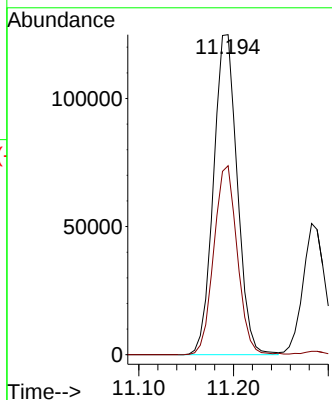
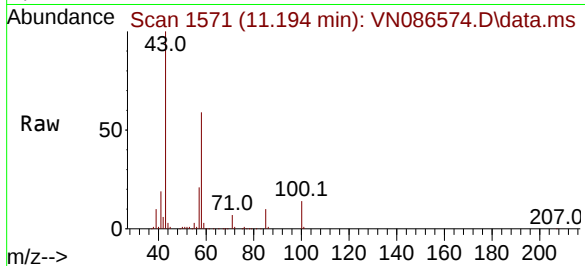




#59
2-Hexanone
Concen: 86.910 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

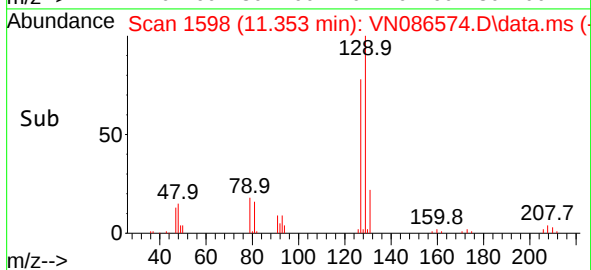
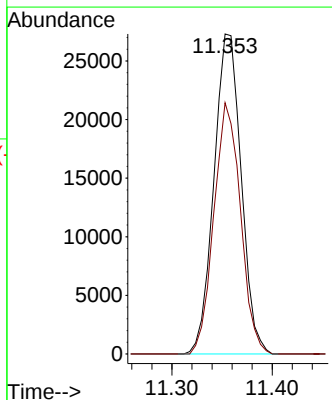
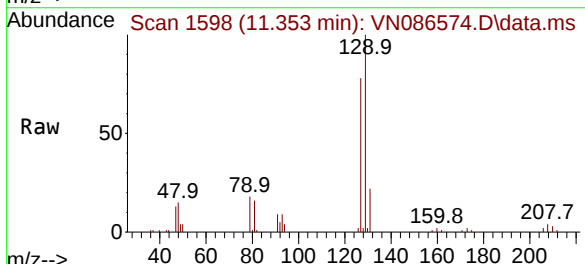
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

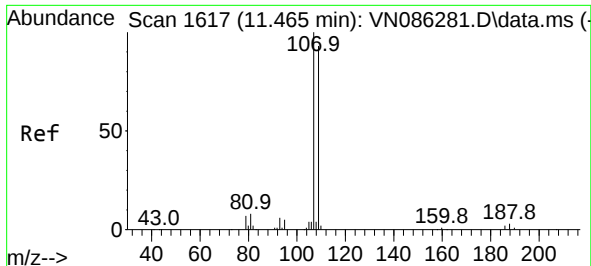
Tgt Ion: 43 Resp: 218016
Ion Ratio Lower Upper
43 100
58 58.2 28.3 85.0



#60
Dibromochloromethane
Concen: 20.794 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 129 Resp: 51523
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

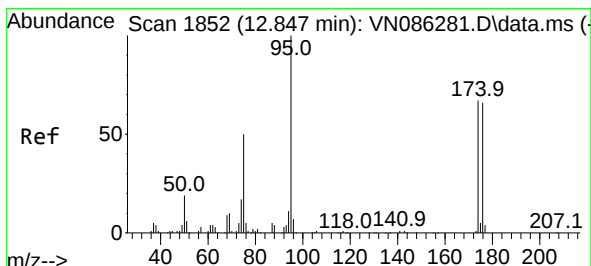
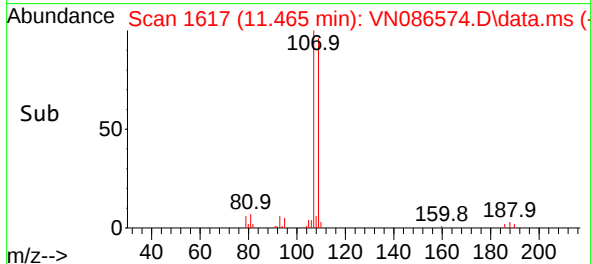
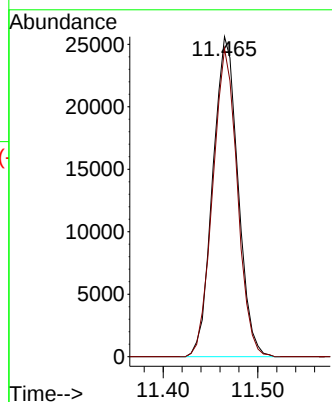
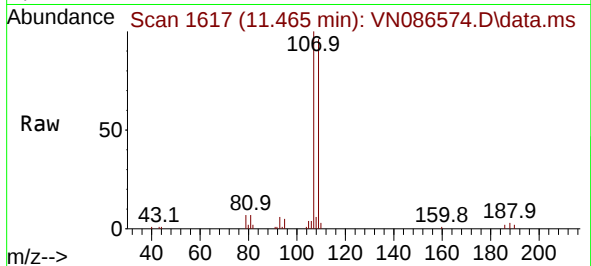




#61
1,2-Dibromoethane
Concen: 20.774 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

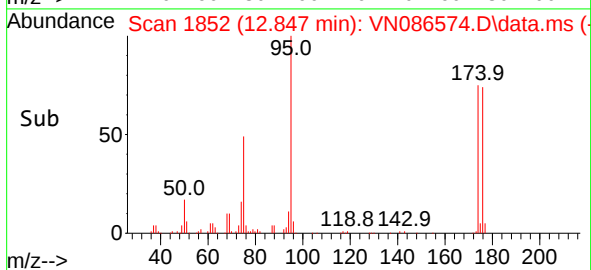
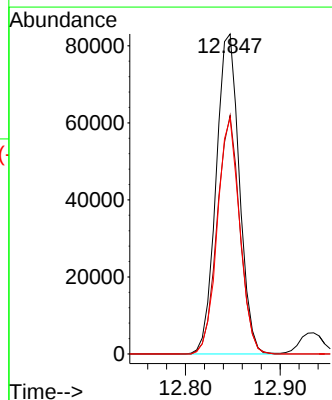
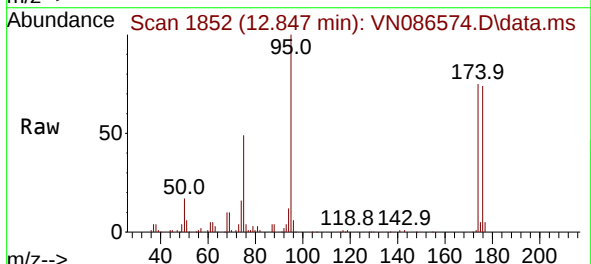
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

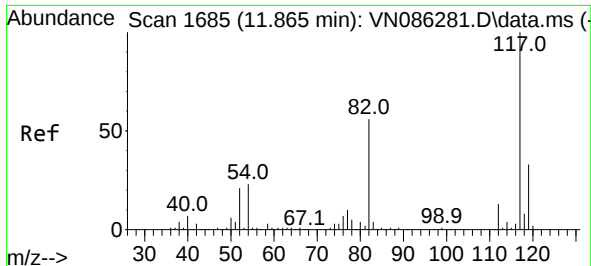
Tgt Ion:107 Resp: 47298
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 46.244 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 95 Resp: 141585
Ion Ratio Lower Upper
95 100
174 72.3 0.0 133.4
176 70.9 0.0 129.2

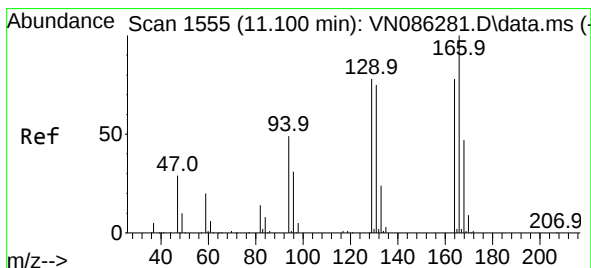
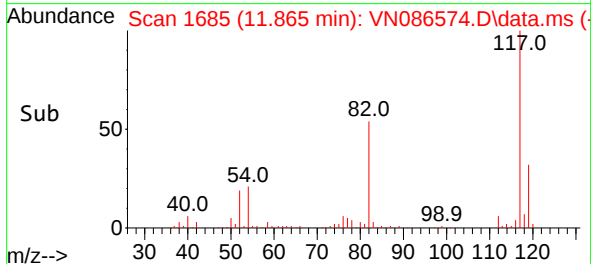
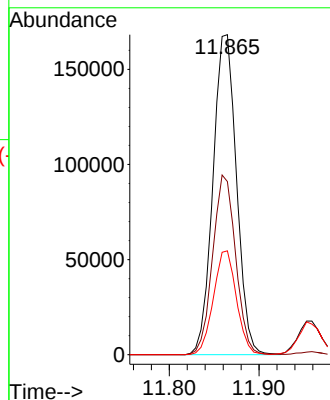
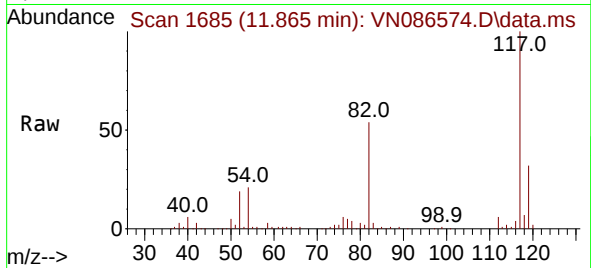




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

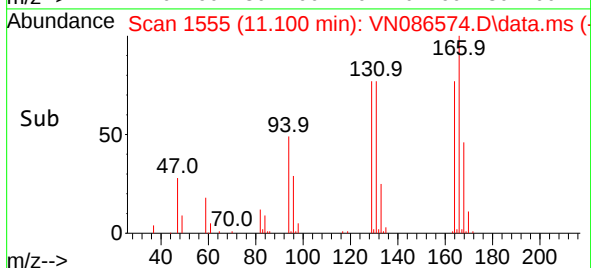
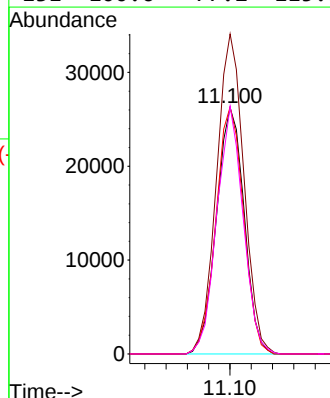
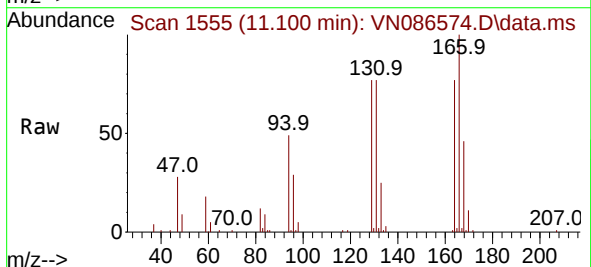
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

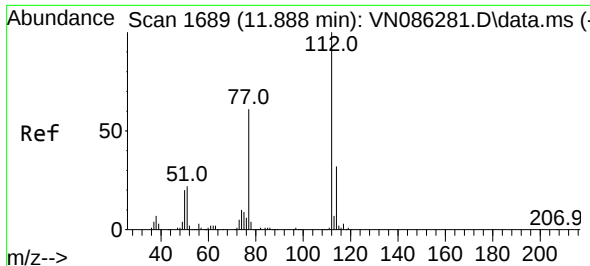
Tgt Ion:117 Resp: 306850
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 20.057 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:164 Resp: 47340
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.4
129 100.4 80.1 120.1
131 100.6 77.2 115.8

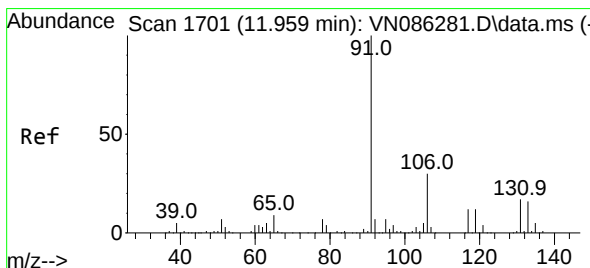
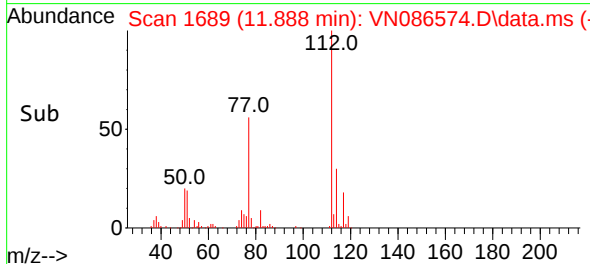
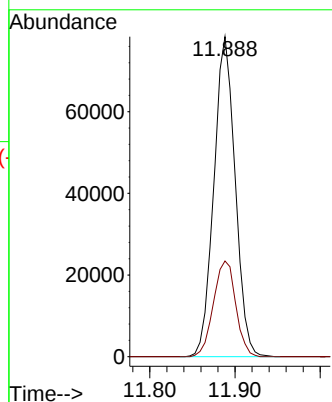
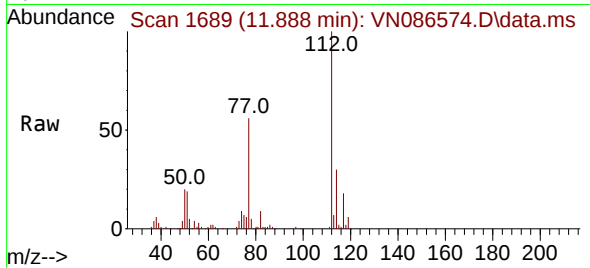




#65
Chlorobenzene
Concen: 19.912 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

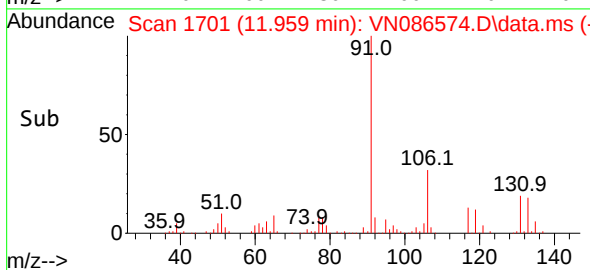
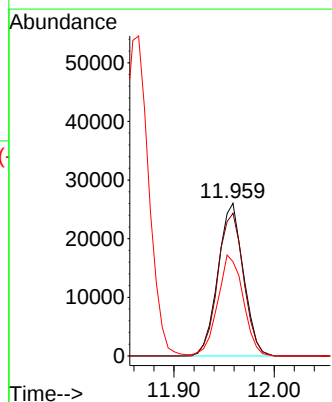
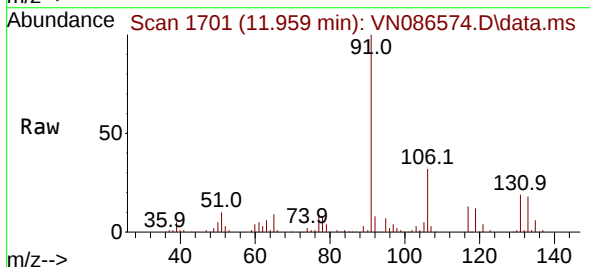
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

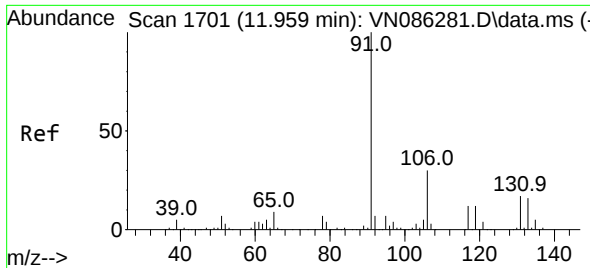
Tgt Ion:112 Resp: 136353
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.284 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:131 Resp: 45824
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 66.4 33.8 101.4

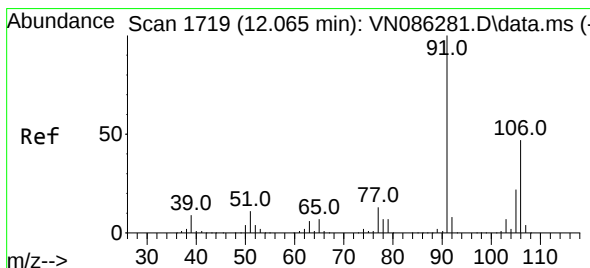
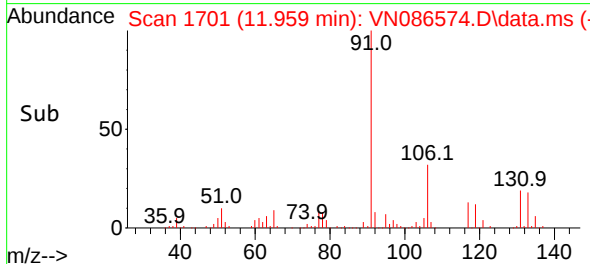
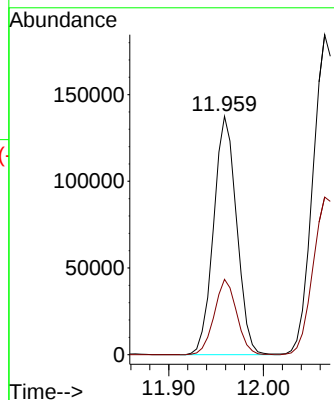
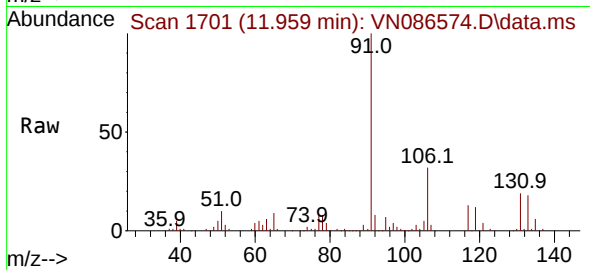




#67
Ethyl Benzene
Concen: 18.807 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

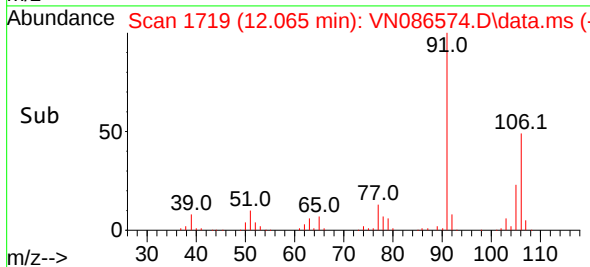
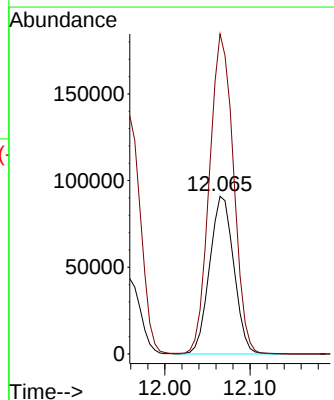
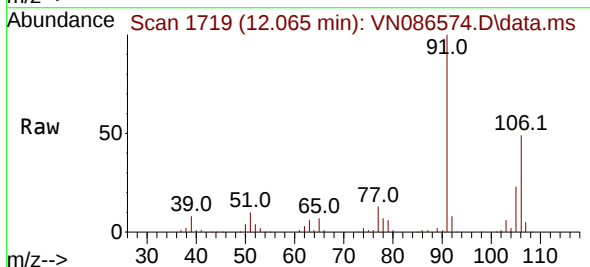
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

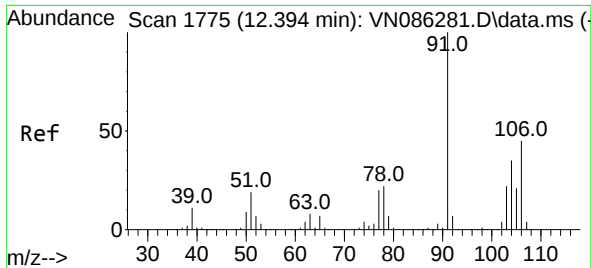
Tgt Ion: 91 Resp: 232404
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5



#68
m/p-Xylenes
Concen: 38.745 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:106 Resp: 179397
Ion Ratio Lower Upper
106 100
91 201.9 166.5 249.7

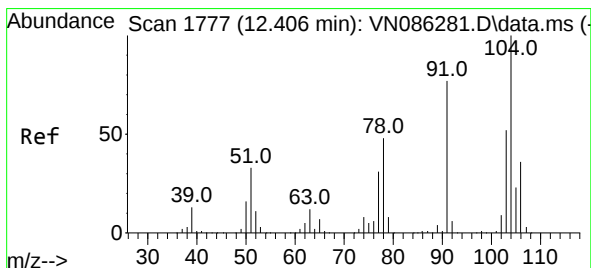
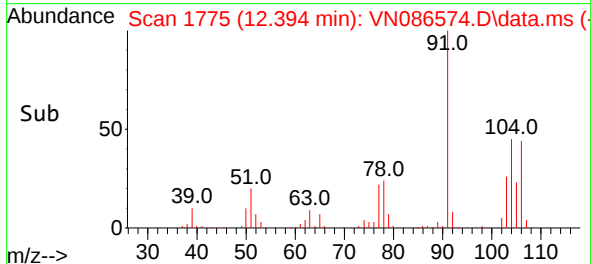
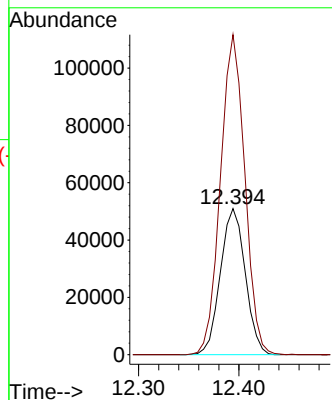
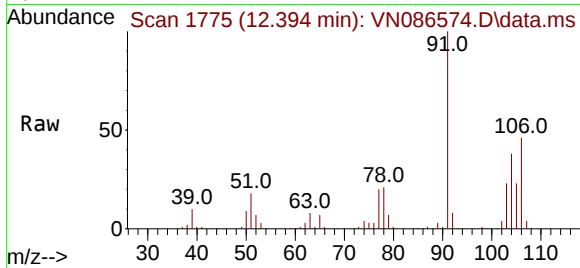




#69
o-Xylene
Concen: 19.204 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

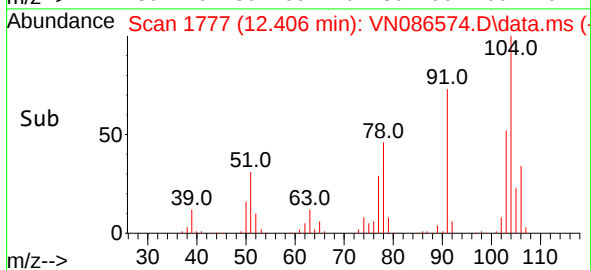
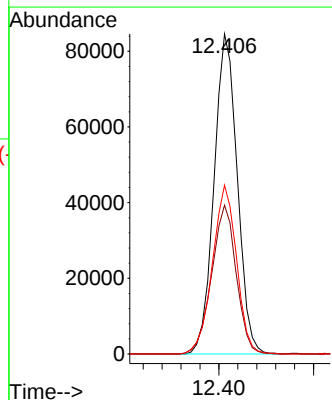
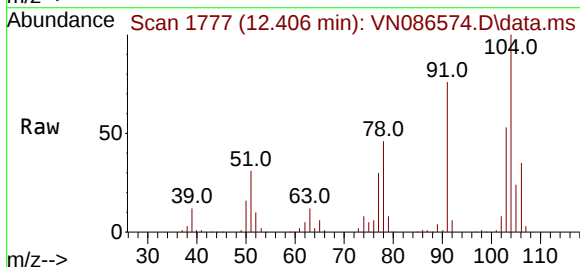
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

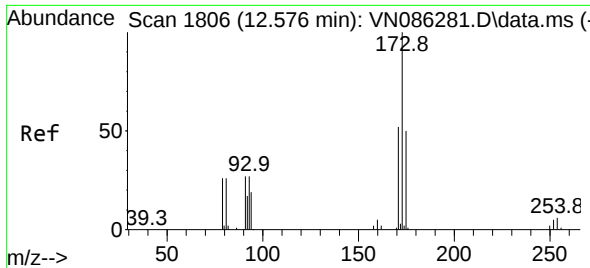
Tgt Ion:106 Resp: 87935
Ion Ratio Lower Upper
106 100
91 214.3 109.7 329.0



#70
Styrene
Concen: 18.861 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:104 Resp: 143900
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 54.8 43.6 65.4

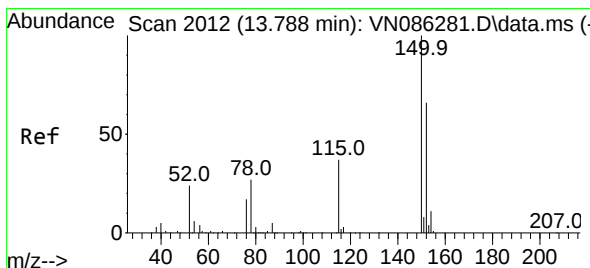
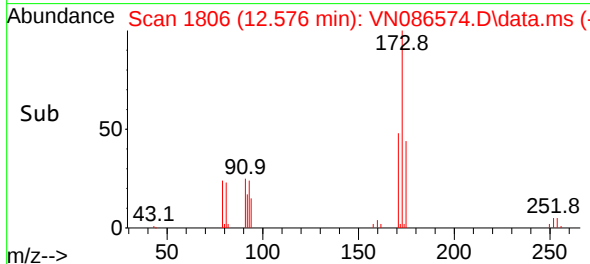
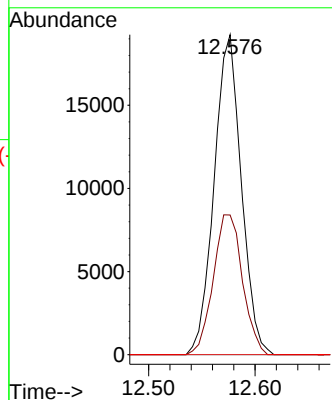
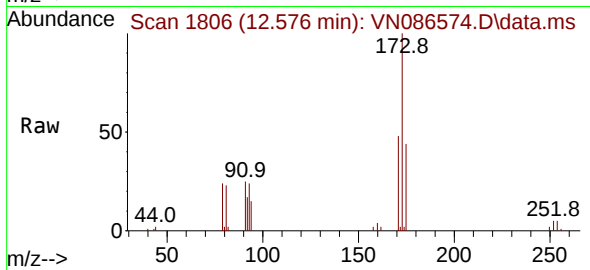




#71
Bromoform
Concen: 20.005 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

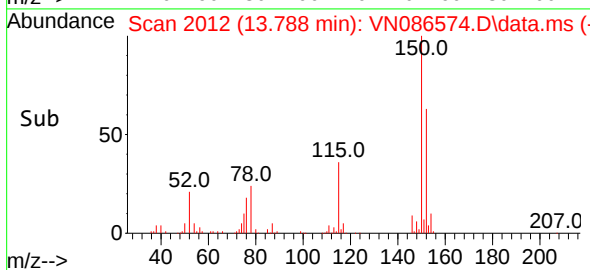
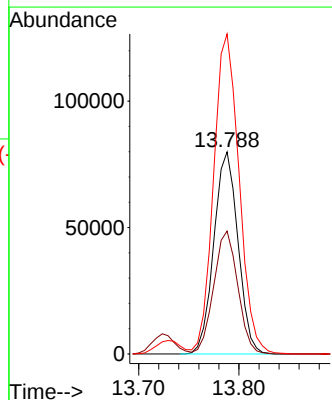
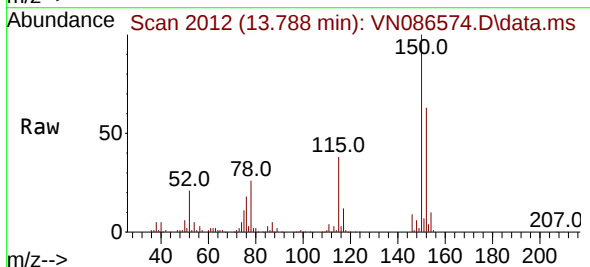
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

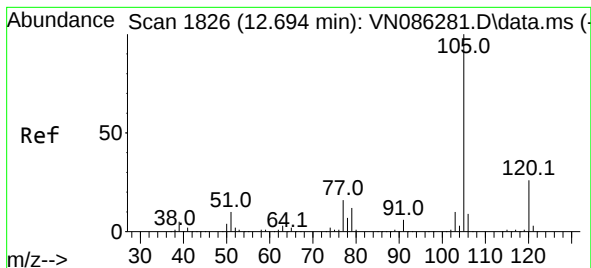
Tgt Ion:173 Resp: 34025
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion:152 Resp: 133326
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.9
150 167.0 0.0 352.0





#73

Isopropylbenzene

Concen: 19.764 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

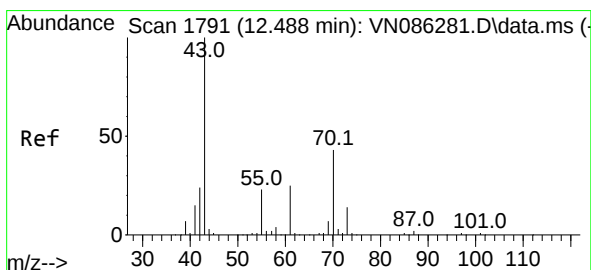
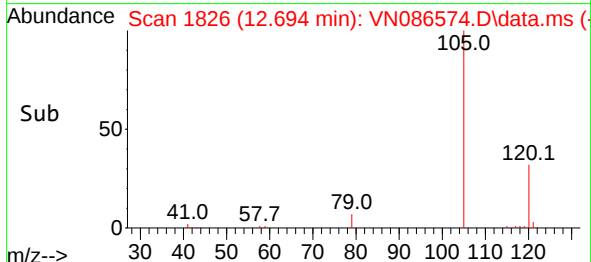
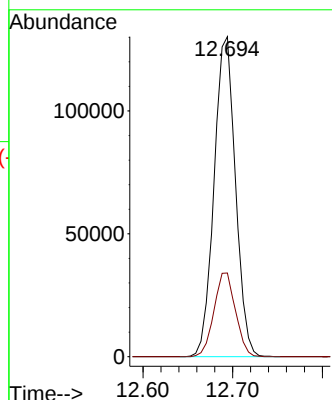
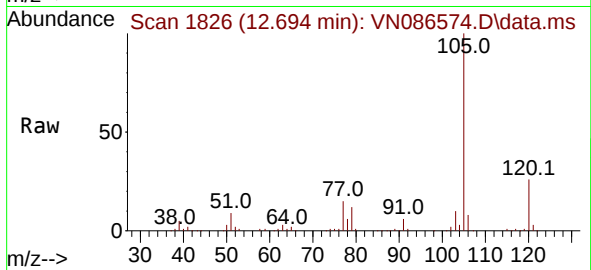
VN0512WBSD01

Tgt Ion:105 Resp: 215552

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 15.993 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Tgt Ion: 43 Resp: 86832

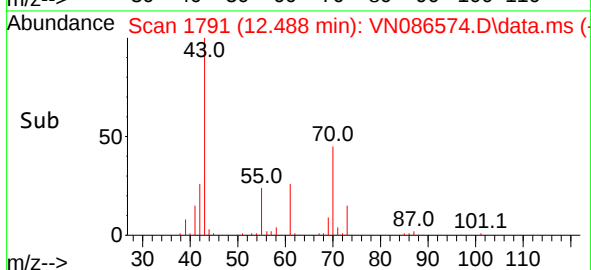
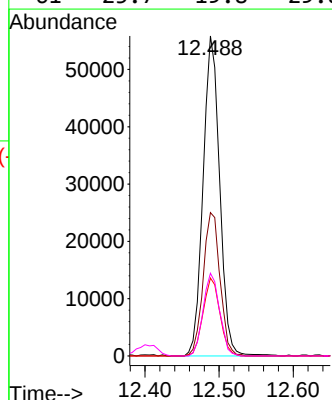
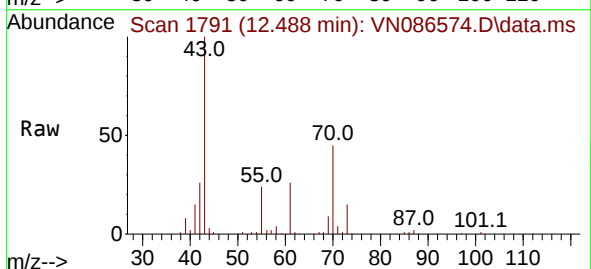
Ion Ratio Lower Upper

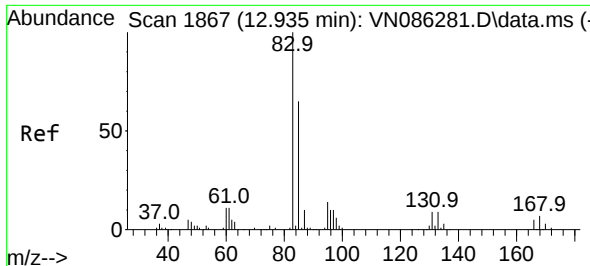
43 100

70 45.5 35.0 52.4

55 24.7 19.0 28.4

61 25.7 19.8 29.8

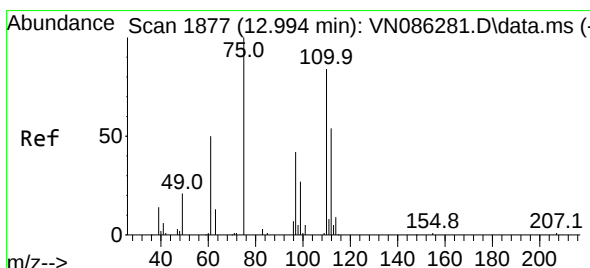
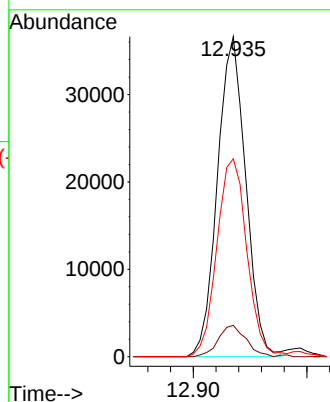
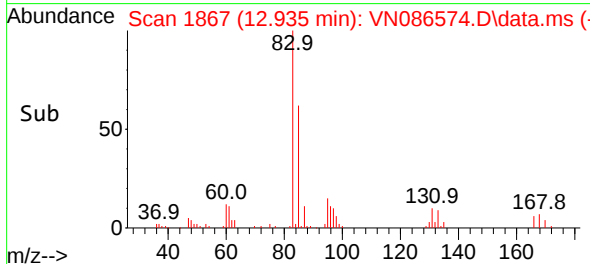
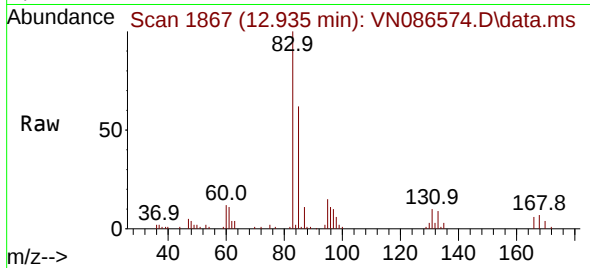




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.197 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

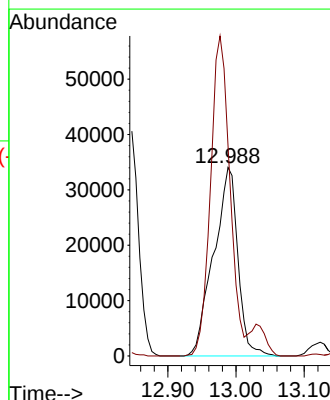
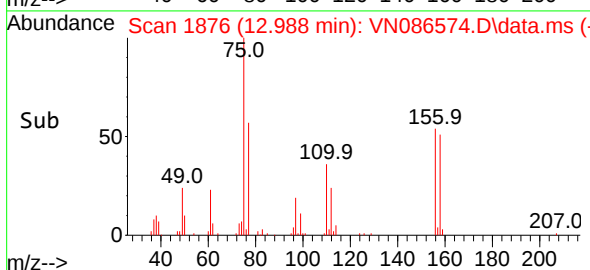
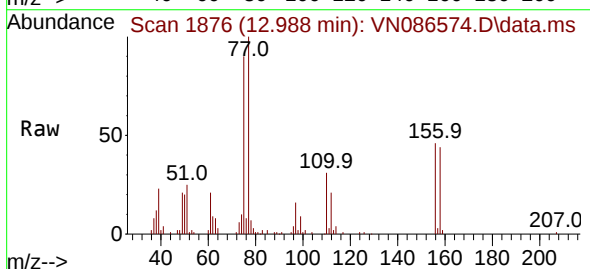
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

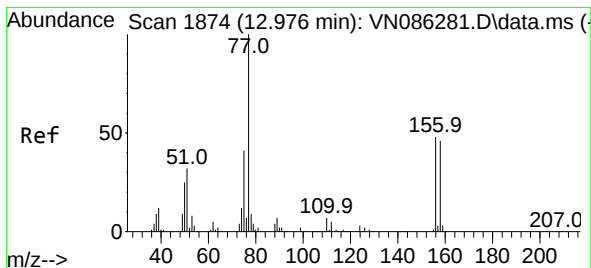
Tgt Ion: 83 Resp: 63334
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.1
 85 65.4 32.7 98.1



#76
 1,2,3-Trichloropropane
 Concen: 26.772 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion: 75 Resp: 84232
 Ion Ratio Lower Upper
 75 100
 77 137.2 98.8 296.4





#77

Bromobenzene

Concen: 21.659 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

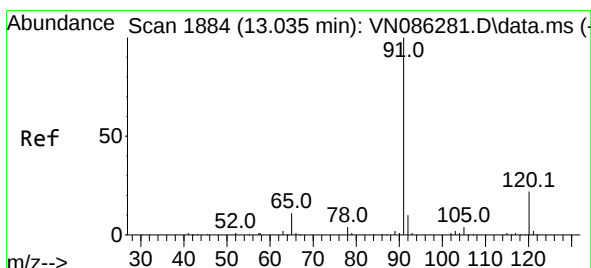
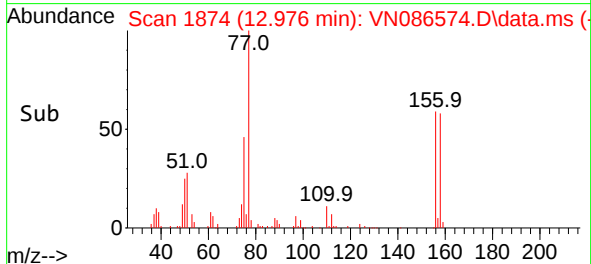
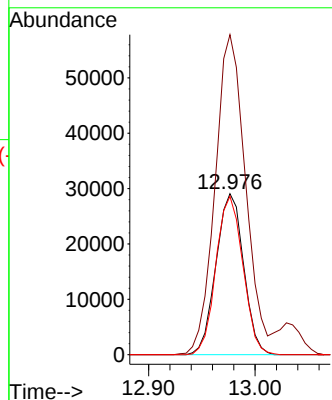
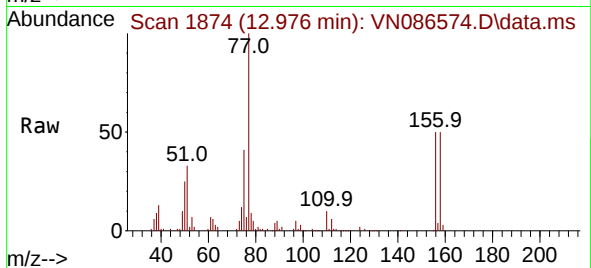
Tgt Ion:156 Resp: 52340

Ion Ratio Lower Upper

156 100

77 220.8 121.1 363.1

158 96.1 47.9 143.6



#78

n-propylbenzene

Concen: 19.053 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086574.D

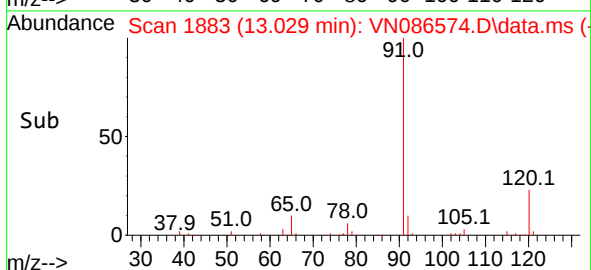
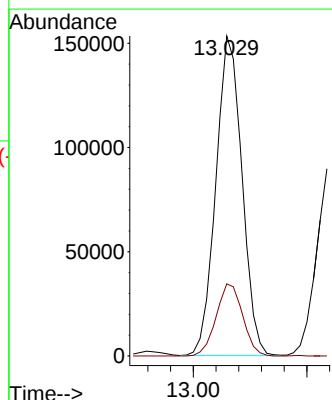
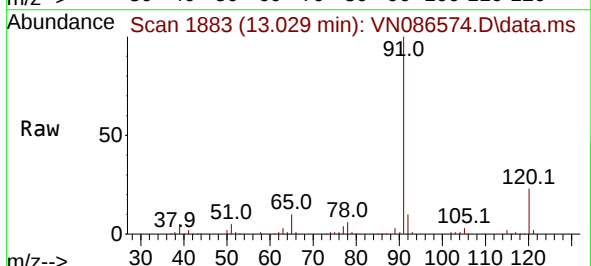
Acq: 12 May 2025 12:27

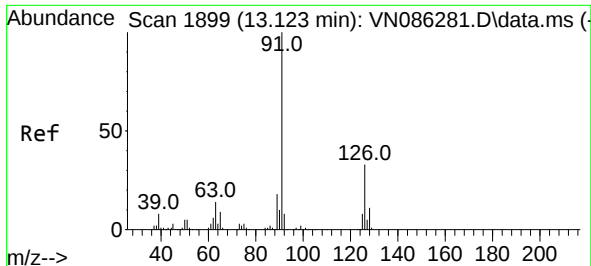
Tgt Ion: 91 Resp: 244867

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.3

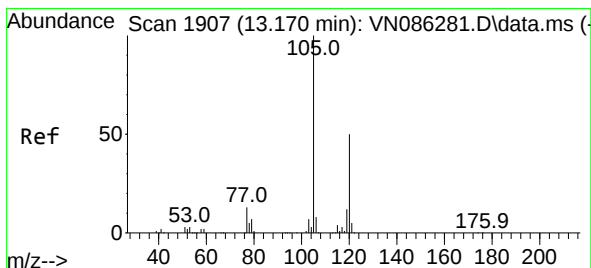
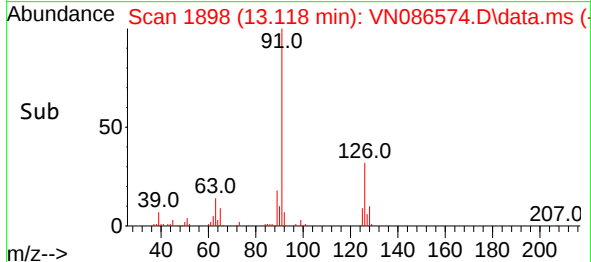
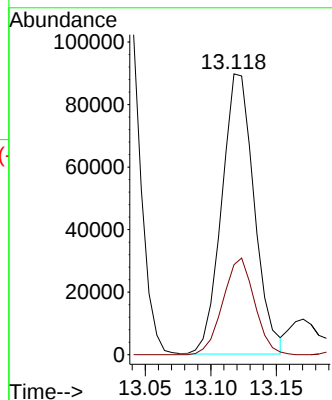
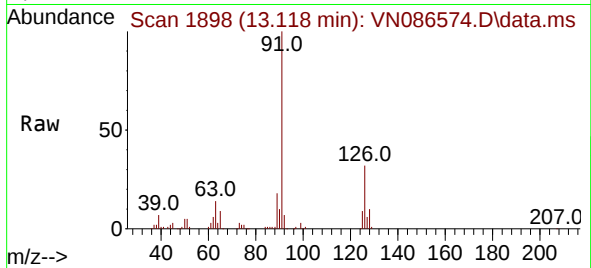




#79
2-Chlorotoluene
Concen: 19.281 ug/l
RT: 13.118 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

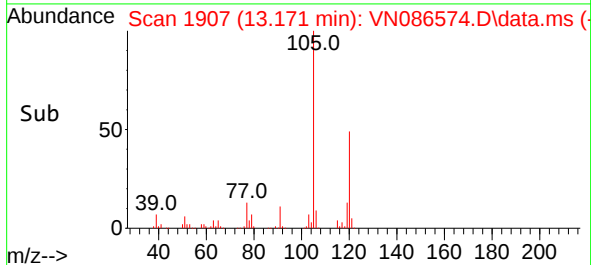
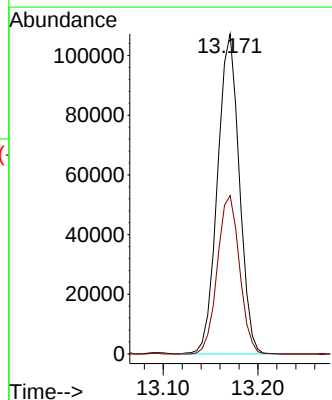
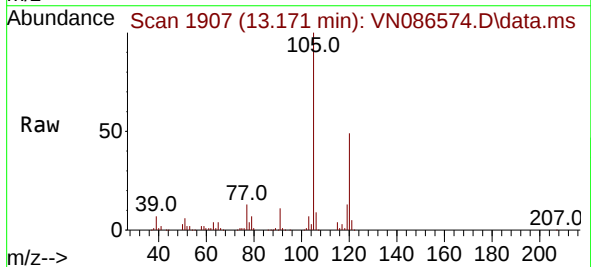
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

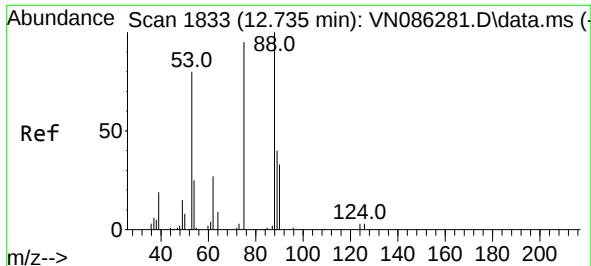
Tgt Ion: 91 Resp: 155052
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.219 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 105 Resp: 171561
Ion Ratio Lower Upper
105 100
120 50.3 24.5 73.5

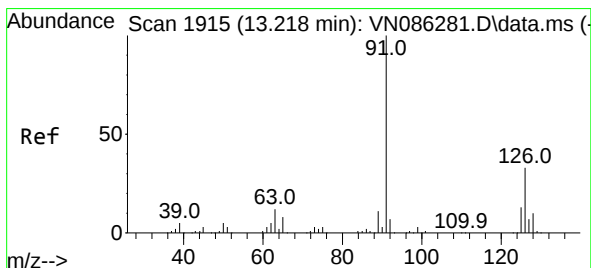
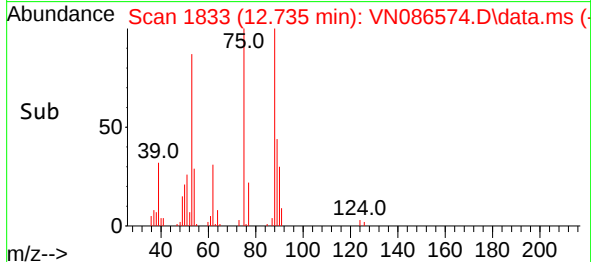
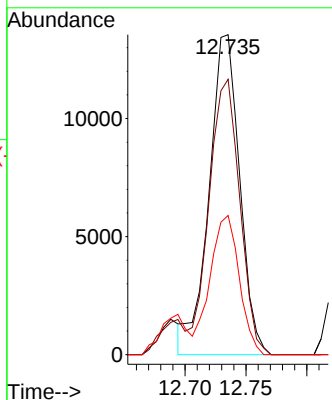
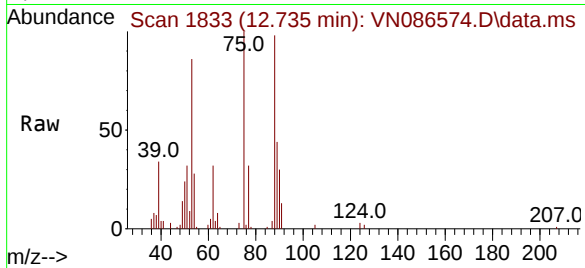




#81
trans-1,4-Dichloro-2-butene
Concen: 18.117 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

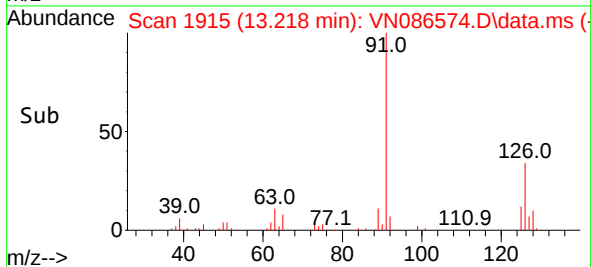
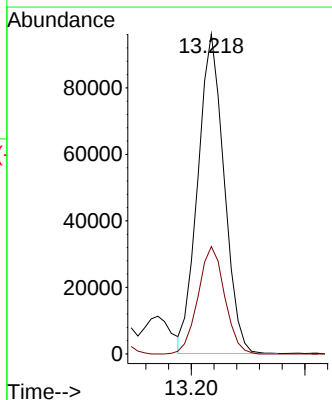
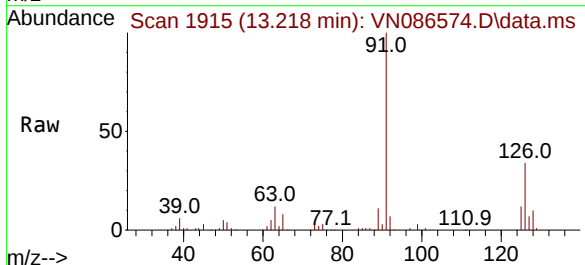
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

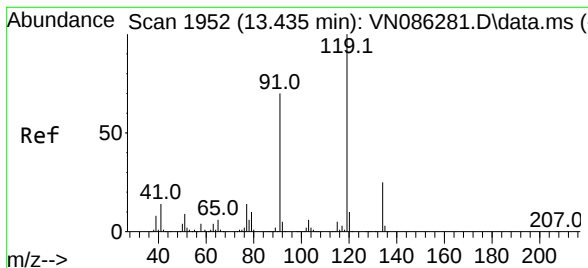
Tgt Ion: 75 Resp: 23735
Ion Ratio Lower Upper
75 100
53 86.5 79.2 118.8
89 41.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.275 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 91 Resp: 153979
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6

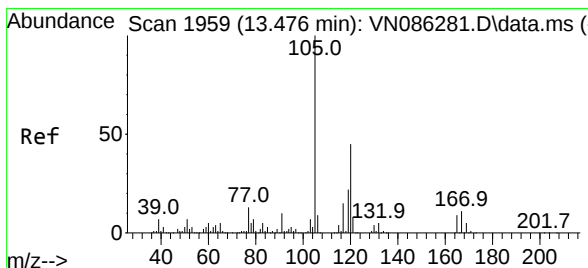
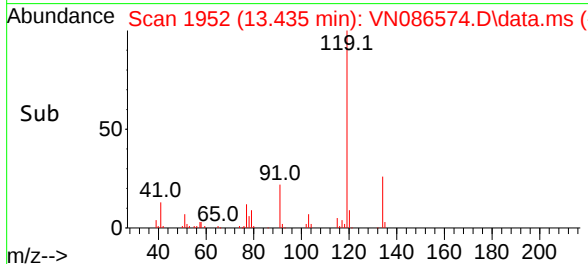
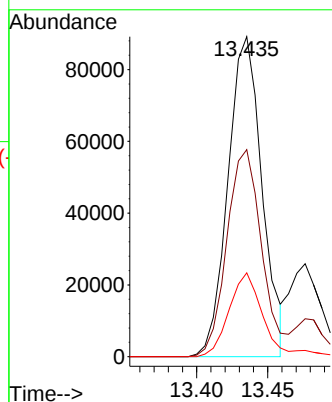
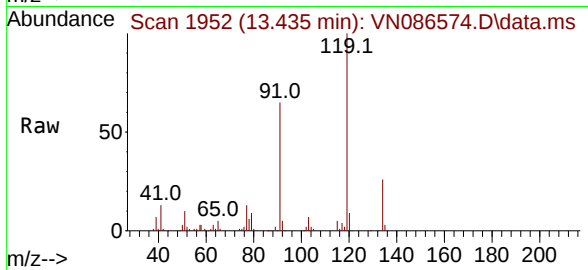




#83
 tert-Butylbenzene
 Concen: 19.263 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

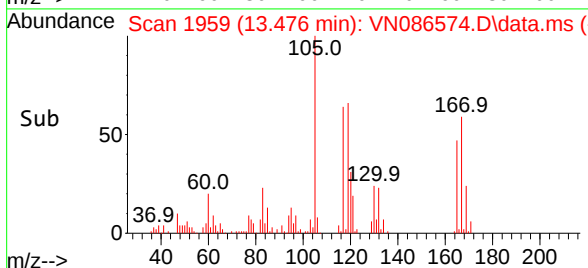
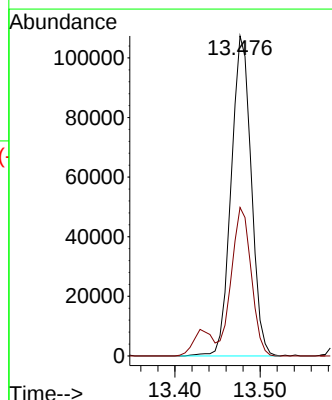
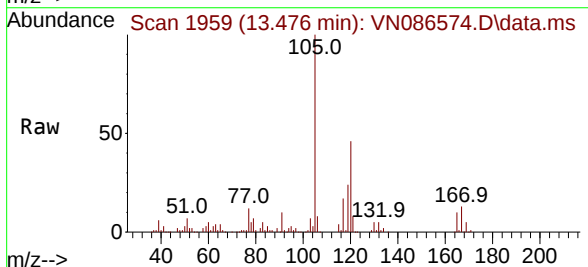
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

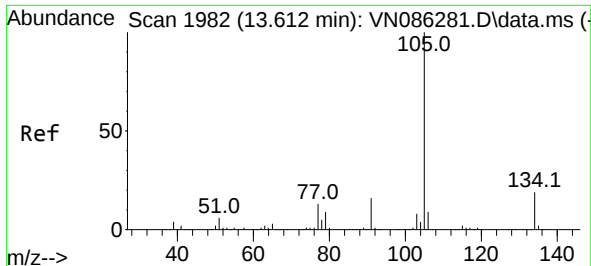
Tgt Ion:119 Resp: 148994
 Ion Ratio Lower Upper
 119 100
 91 66.5 34.4 103.3
 134 26.4 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.353 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion:105 Resp: 175850
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3

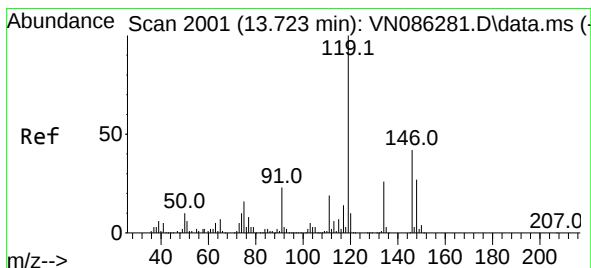
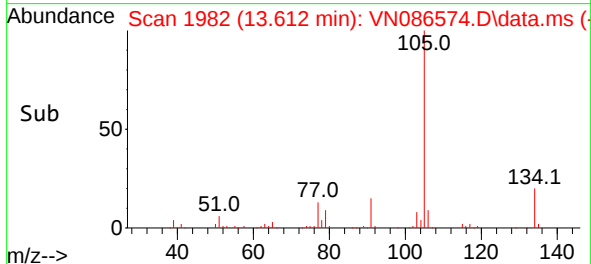
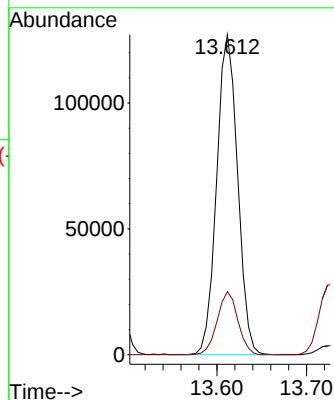
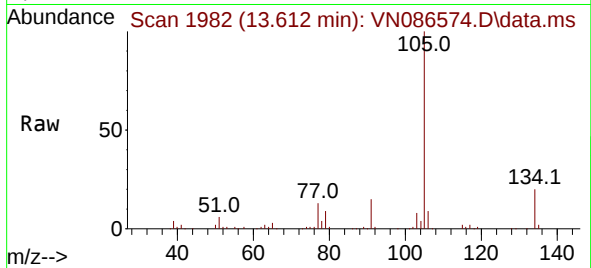




#85
 sec-Butylbenzene
 Concen: 19.187 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

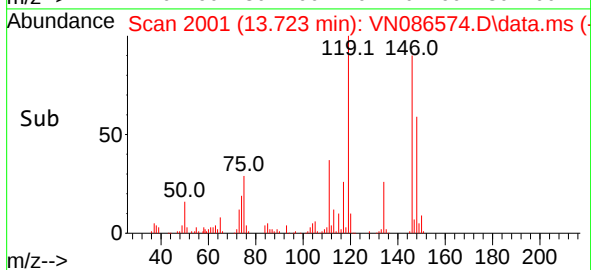
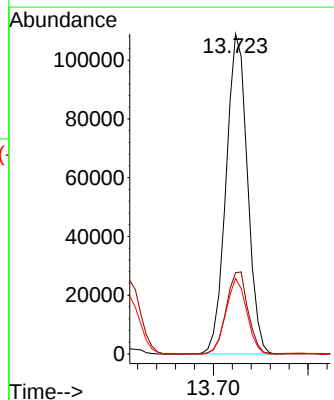
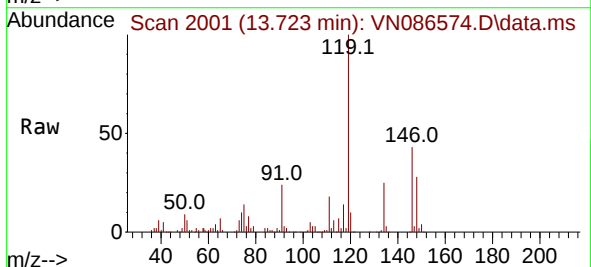
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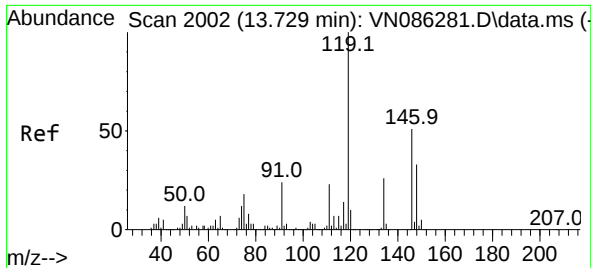
Tgt Ion:105 Resp: 205844
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.336 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion:119 Resp: 170990
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.0 11.9 35.9

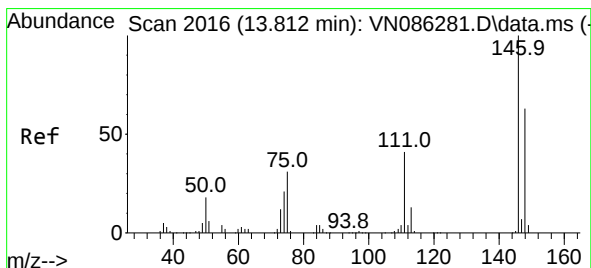
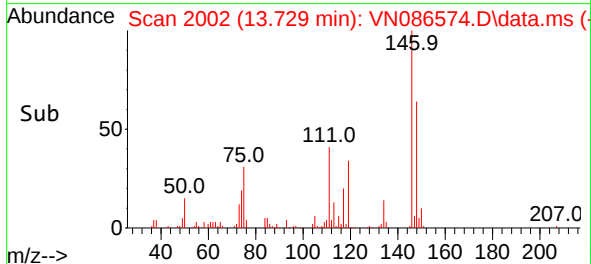
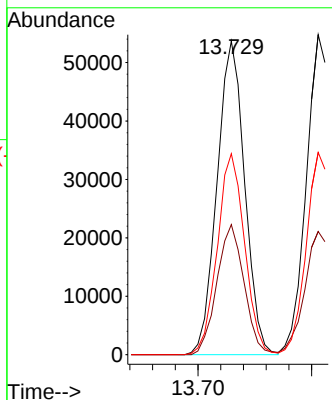
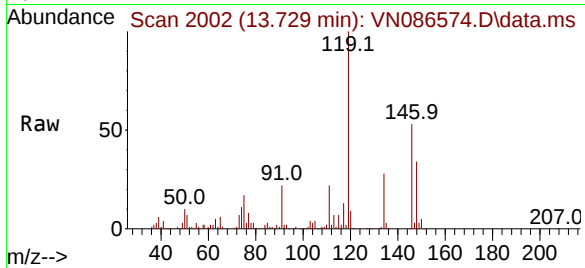




#87
 1,3-Dichlorobenzene
 Concen: 19.967 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

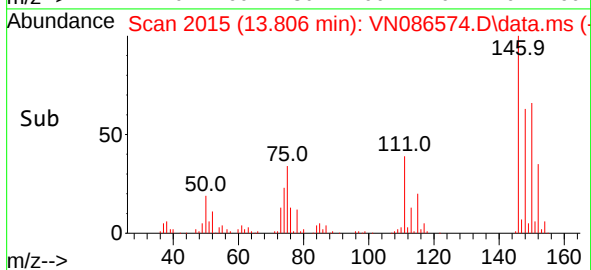
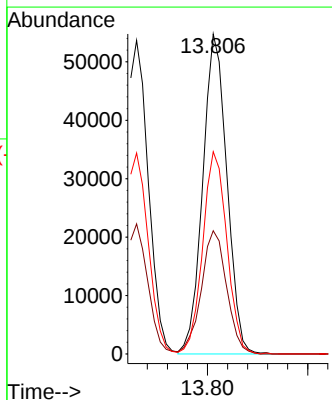
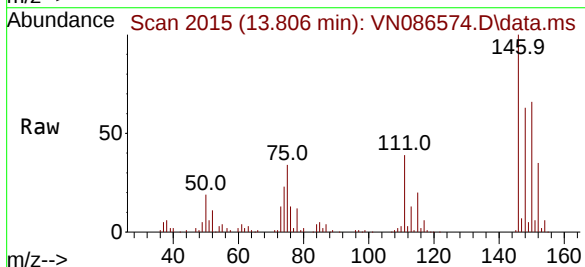
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0512WBSD01

Tgt Ion:146 Resp: 90706
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.9 65.7
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion:146 Resp: 91745
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.3 63.9
 148 63.4 31.9 95.9

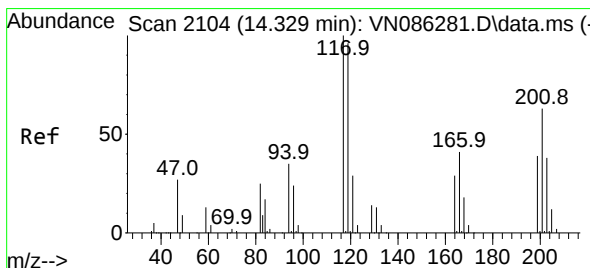
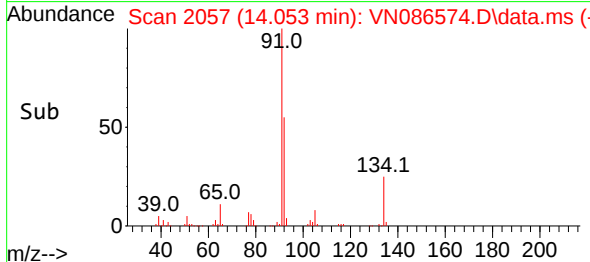
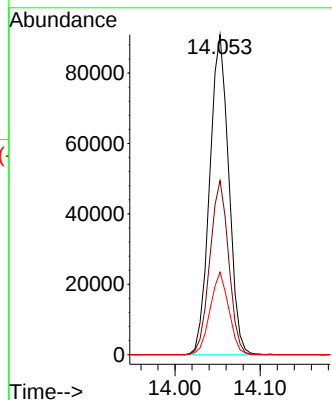
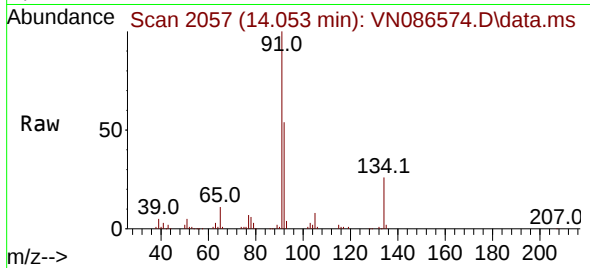




#89
n-Butylbenzene
Concen: 17.996 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

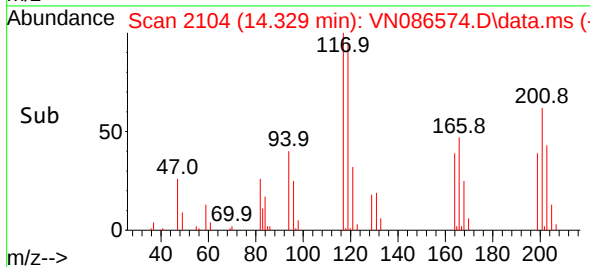
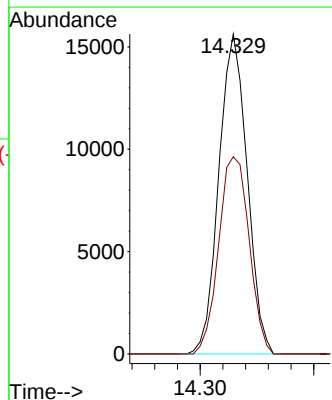
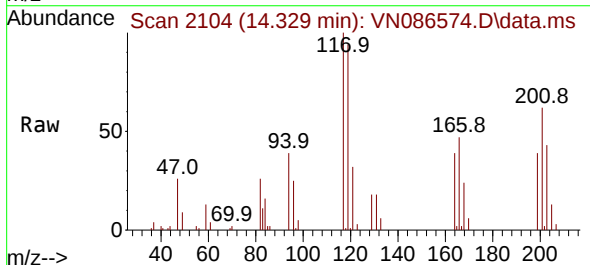
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

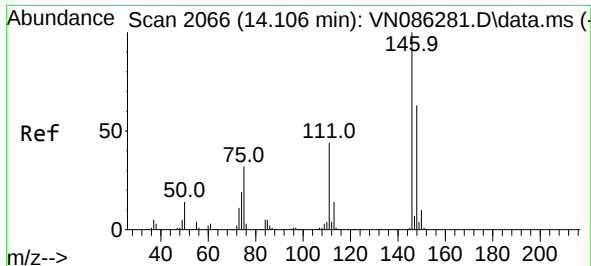
Tgt Ion: 91 Resp: 141058
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 25.1 12.2 36.6



#90
Hexachloroethane
Concen: 18.158 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 117 Resp: 27009
Ion Ratio Lower Upper
117 100
201 66.4 31.4 94.2

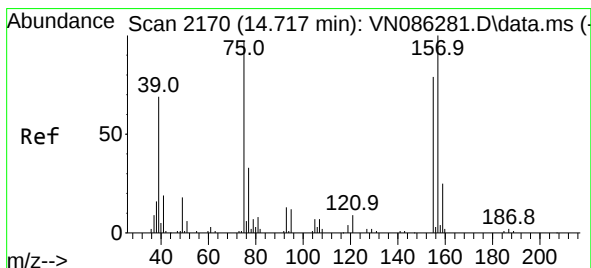
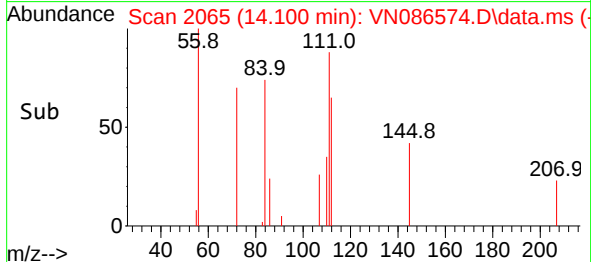
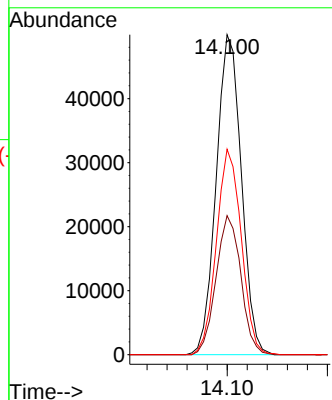
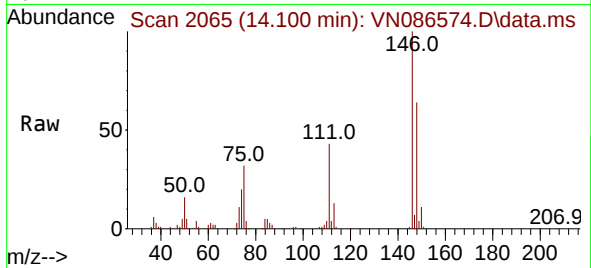




#91
1,2-Dichlorobenzene
Concen: 19.785 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

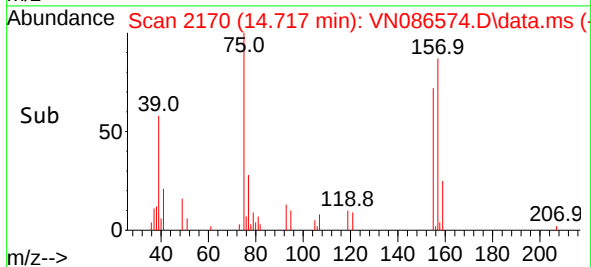
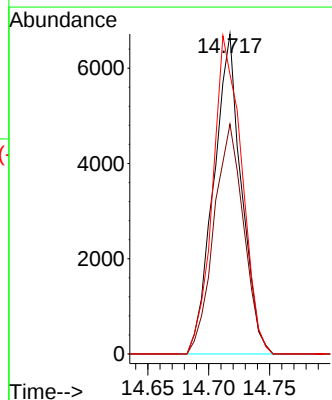
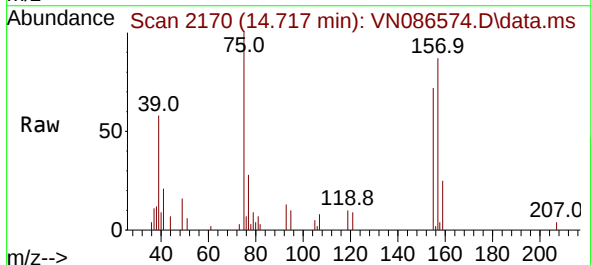
Instrument :
MSVOA_N
ClientSampleId :
VN0512WBSD01

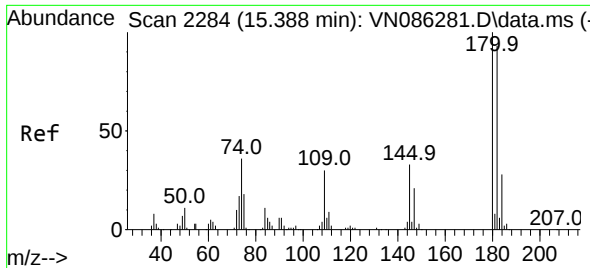
Tgt Ion:146 Resp: 87139
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 63.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.851 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086574.D
Acq: 12 May 2025 12:27

Tgt Ion: 75 Resp: 10655
Ion Ratio Lower Upper
75 100
155 77.0 40.3 120.9
157 104.2 49.0 147.2

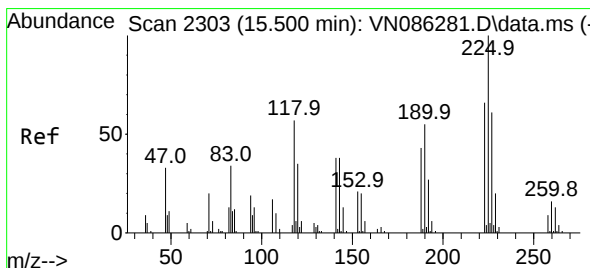
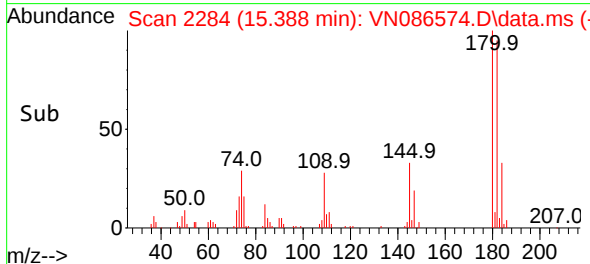
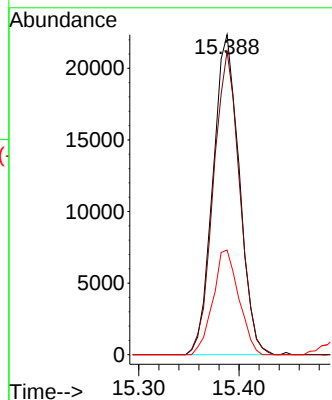
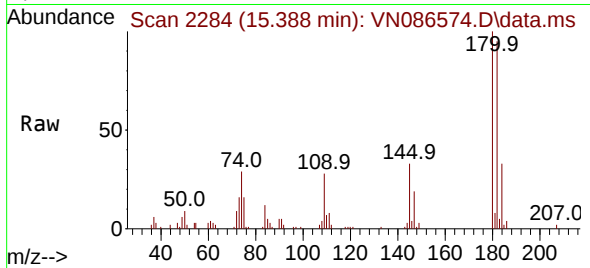




#93
 1,2,4-Trichlorobenzene
 Concen: 19.238 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

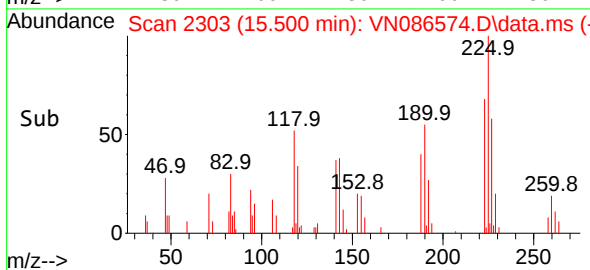
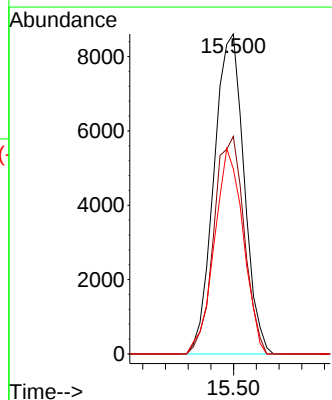
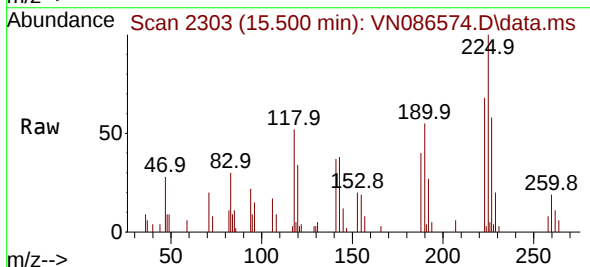
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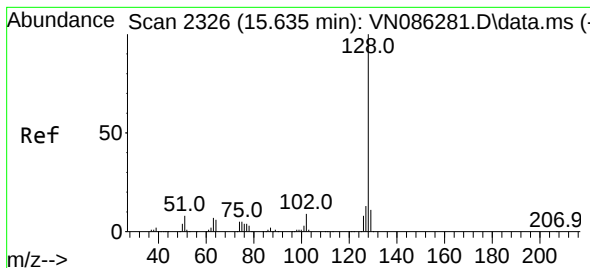
Tgt Ion:180 Resp: 40572
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.0
 145 32.2 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 19.882 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN086574.D
 Acq: 12 May 2025 12:27

Tgt Ion:225 Resp: 15828
 Ion Ratio Lower Upper
 225 100
 223 68.4 32.8 98.3
 227 61.8 31.4 94.0





#95

Naphthalene

Concen: 17.697 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Instrument :

MSVOA_N

ClientSampleId :

VN0512WBSD01

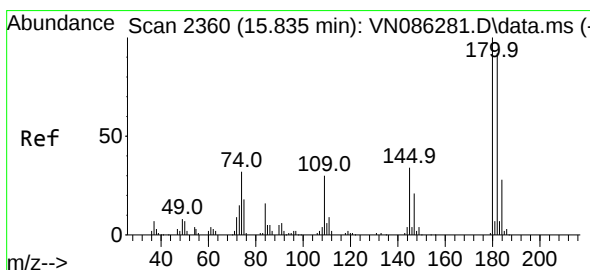
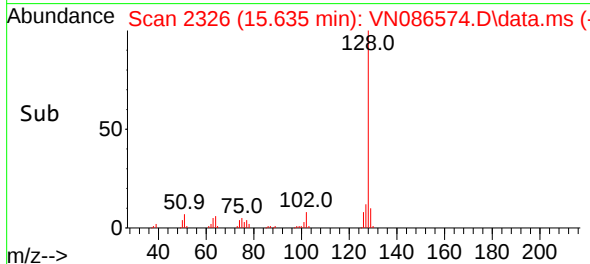
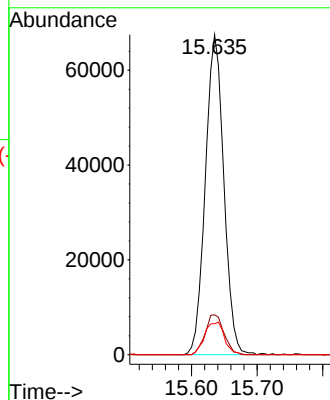
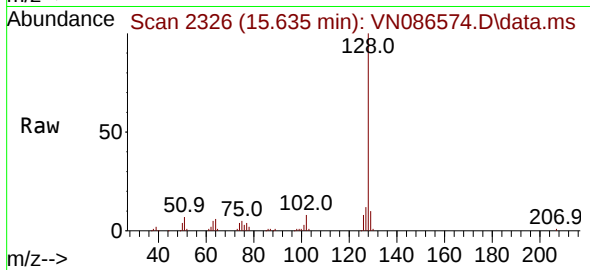
Tgt Ion:128 Resp: 132301

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.238 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086574.D

Acq: 12 May 2025 12:27

Tgt Ion:180 Resp: 38412

Ion Ratio Lower Upper

180 100

182 97.5 47.3 142.0

145 33.0 17.2 51.5

