

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087577.D
 Acq On : 15 Aug 2025 13:31
 Operator : JC\MD
 Sample : VN0815WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	249706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	472244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	422726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	233327	55.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.140%
35) Dibromofluoromethane	8.153	113	162896	50.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	10.547	98	575905	49.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.829	95	218277	50.844	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	59535	22.448	ug/l	85
3) Chloromethane	2.383	50	57960	17.378	ug/l	100
4) Vinyl Chloride	2.542	62	65758	19.840	ug/l	96
5) Bromomethane	2.977	94	35836	20.879	ug/l	100
6) Chloroethane	3.142	64	43172	19.973	ug/l	96
7) Trichlorofluoromethane	3.506	101	99400	20.281	ug/l	100
8) Diethyl Ether	3.965	74	41870	22.023	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	55017	21.867	ug/l	95
10) Methyl Iodide	4.571	142	35477	17.794	ug/l #	89
11) Tert butyl alcohol	5.524	59	76828	95.497	ug/l	96
12) 1,1-Dichloroethene	4.336	96	53648	18.817	ug/l	88
13) Acrolein	4.177	56	42511	65.843	ug/l	96
14) Allyl chloride	5.006	41	91291	17.693	ug/l	90
15) Acrylonitrile	5.712	53	201200	92.161	ug/l	97
16) Acetone	4.418	43	209067	105.239	ug/l	97
17) Carbon Disulfide	4.706	76	134653	15.930	ug/l #	89
18) Methyl Acetate	5.018	43	113825	22.806	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	217507	20.698	ug/l	96
20) Methylene Chloride	5.271	84	63526	18.513	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	55717	17.332	ug/l	98
22) Diisopropyl ether	6.659	45	223451	20.646	ug/l	92
23) Vinyl Acetate	6.594	43	988696	104.451	ug/l	98
24) 1,1-Dichloroethane	6.553	63	117176	18.766	ug/l	98
25) 2-Butanone	7.471	43	295616	96.308	ug/l	98
26) 2,2-Dichloropropane	7.471	77	101366	20.881	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	70144	18.952	ug/l	93
28) Bromochloromethane	7.794	49	63535	21.261	ug/l	93
29) Tetrahydrofuran	7.824	42	185139	92.847	ug/l	98
30) Chloroform	7.947	83	125090	20.015	ug/l	93
31) Cyclohexane	8.241	56	99606	19.122	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	106402	19.656	ug/l	92
36) 1,1-Dichloropropene	8.359	75	78960	18.347	ug/l	98
37) Ethyl Acetate	7.547	43	115927	18.651	ug/l	98
38) Carbon Tetrachloride	8.341	117	82636	17.430	ug/l	100
39) Methylcyclohexane	9.582	83	92031	19.751	ug/l	92
40) Benzene	8.588	78	251026	18.047	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	62883	19.348	ug/l	98
42) 1,2-Dichloroethane	8.653	62	105461	19.993	ug/l	95
43) Isopropyl Acetate	8.676	43	190449	19.738	ug/l	99
44) Trichloroethene	9.335	130	57323	17.441	ug/l	88
45) 1,2-Dichloropropane	9.606	63	65081	18.414	ug/l #	88
46) Dibromomethane	9.694	93	49862	18.843	ug/l	93
47) Bromodichloromethane	9.871	83	96948	18.188	ug/l	95
48) Methyl methacrylate	9.665	41	88604	20.398	ug/l	94
49) 1,4-Dioxane	9.676	88	24503	368.299	ug/l #	94
51) 4-Methyl-2-Pentanone	10.429	43	584983	95.857	ug/l	98
52) Toluene	10.612	92	153839	18.196	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	102468	18.995	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	106321	19.081	ug/l #	87
55) 1,1,2-Trichloroethane	11.000	97	62824	18.354	ug/l	93
56) Ethyl methacrylate	10.859	69	101578	18.432	ug/l #	89
57) 1,3-Dichloropropane	11.147	76	111611	18.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	340132	121.136	ug/l	99
59) 2-Hexanone	11.182	43	381671	94.266	ug/l	97
60) Dibromochloromethane	11.335	129	69066	17.693	ug/l	96
61) 1,2-Dibromoethane	11.453	107	66044	18.351	ug/l	98
64) Tetrachloroethene	11.082	164	47462	17.445	ug/l	91
65) Chlorobenzene	11.870	112	167746	17.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	56018	17.359	ug/l	96
67) Ethyl Benzene	11.947	91	301331	19.287	ug/l	97
68) m/p-Xylenes	12.053	106	220097	37.620	ug/l	94
69) o-Xylene	12.376	106	107136	19.171	ug/l	95
70) Styrene	12.394	104	180552	19.205	ug/l	97
71) Bromoform	12.559	173	42321	16.233	ug/l #	98
73) Isopropylbenzene	12.676	105	281846	20.773	ug/l	96
74) N-amyl acetate	12.541	43	18090	3.209	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.917	83	102300	20.038	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	131822	27.270	ug/l	55
77) Bromobenzene	12.959	156	64929	18.453	ug/l	91
78) n-propylbenzene	13.017	91	357079	20.918	ug/l	96
79) 2-Chlorotoluene	13.106	91	206673	19.700	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	234768	20.309	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	26135	14.793	ug/l #	81
82) 4-Chlorotoluene	13.200	91	215120	19.695	ug/l	97
83) tert-Butylbenzene	13.417	119	199646	20.678	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	243481	20.625	ug/l	96
85) sec-Butylbenzene	13.594	105	306326	21.064	ug/l	98
86) p-Isopropyltoluene	13.706	119	252098	21.631	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	127320	18.437	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	132558	17.972	ug/l	96
89) n-Butylbenzene	14.035	91	253645	22.792	ug/l	99
90) Hexachloroethane	14.311	117	44427	17.991	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	120945	18.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23049	17.196	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	75925	19.757	ug/l	99
94) Hexachlorobutadiene	15.476	225	29821	20.884	ug/l	96
95) Naphthalene	15.617	128	260296	19.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71436	18.531	ug/l	98

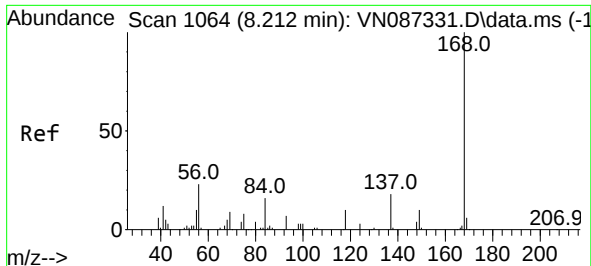
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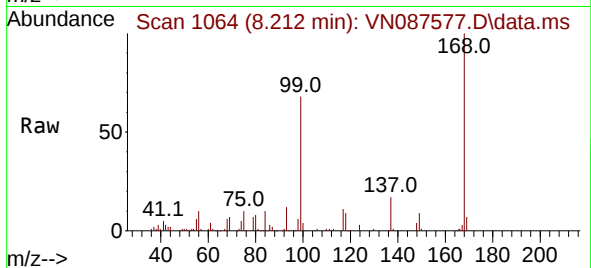
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

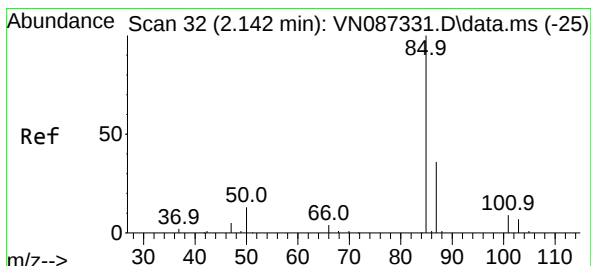
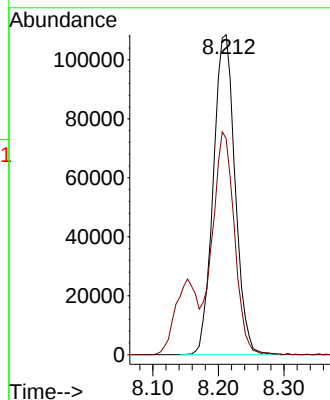
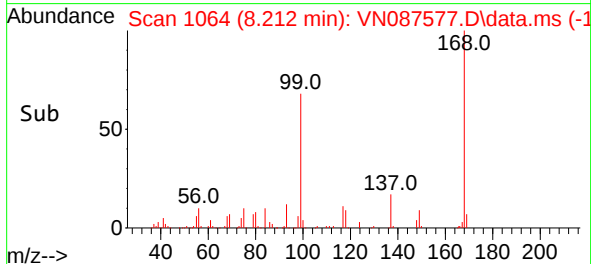


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087577.D
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Instrument :
MSVOA_N
ClientSampleId :

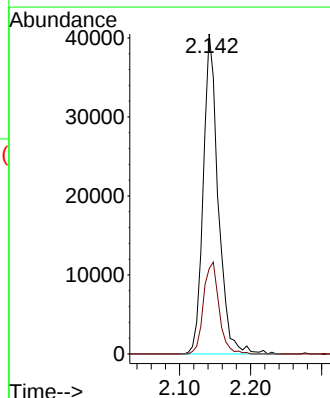
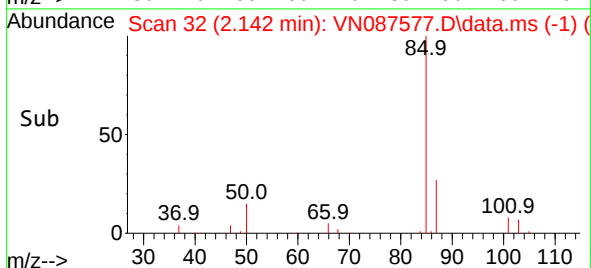
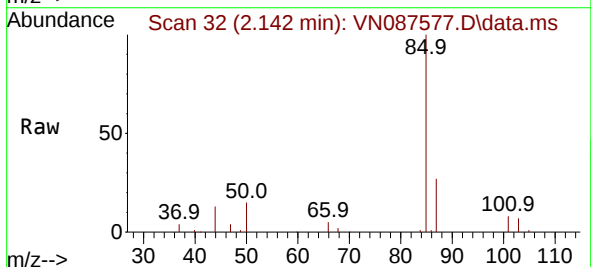


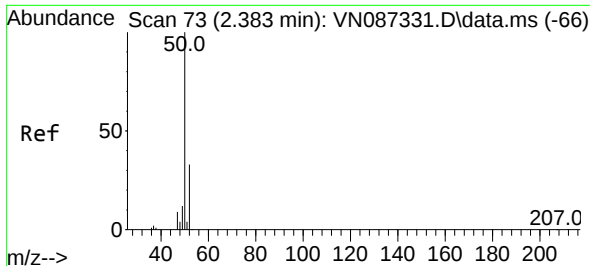
Tgt Ion:168 Resp: 249706
Ion Ratio Lower Upper
168 100
99 67.3 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 22.448 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 85 Resp: 59535
Ion Ratio Lower Upper
85 100
87 26.6 17.8 53.3

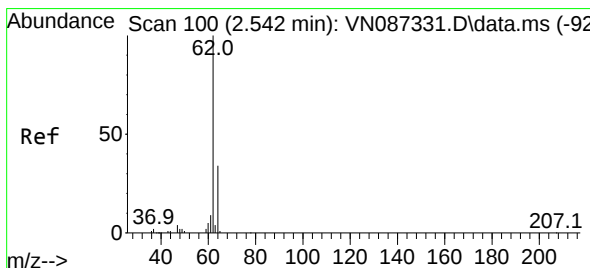
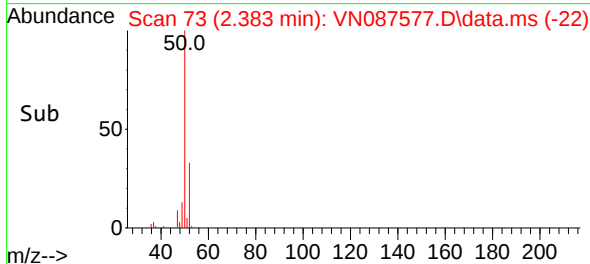
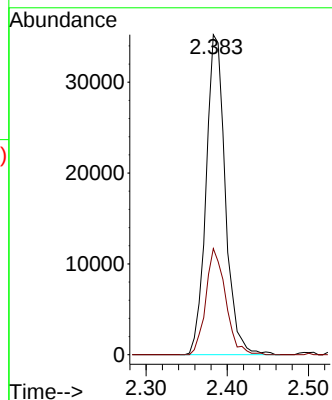
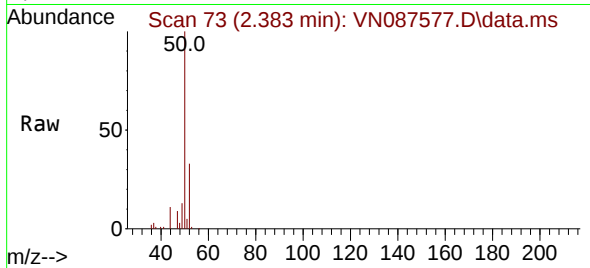




#3
Chloromethane
Concen: 17.378 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

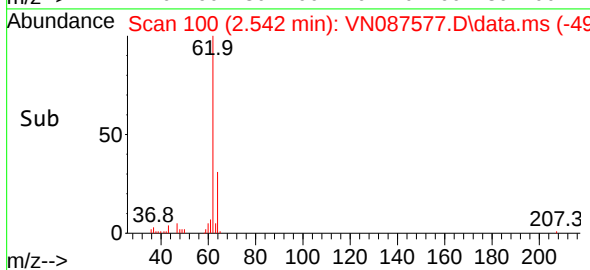
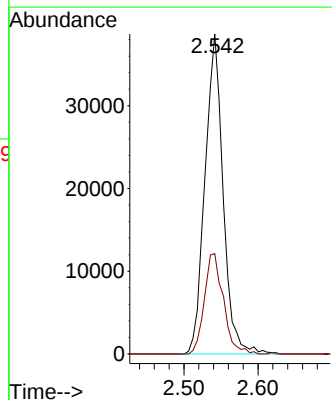
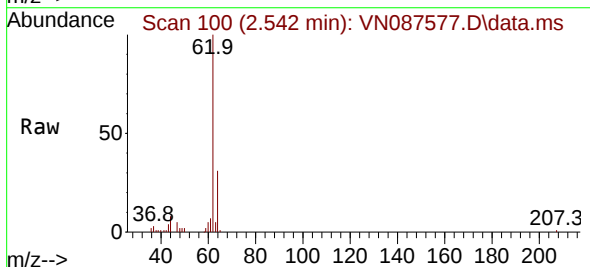
Instrument :
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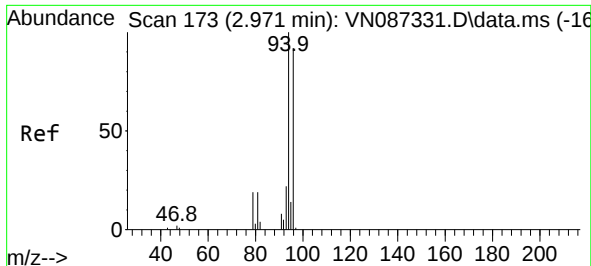
Tgt Ion: 50 Resp: 57960
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 19.840 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 62 Resp: 65758
Ion Ratio Lower Upper
62 100
64 31.4 27.0 40.6

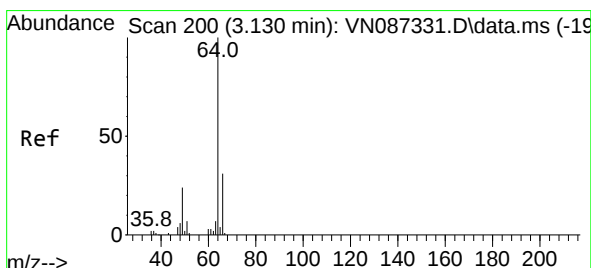
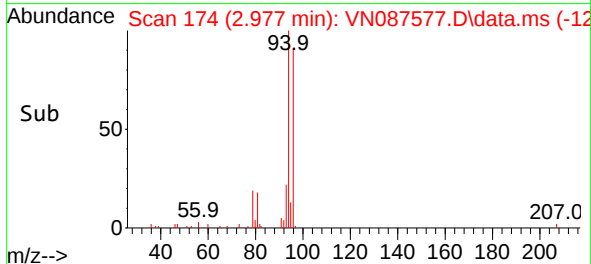
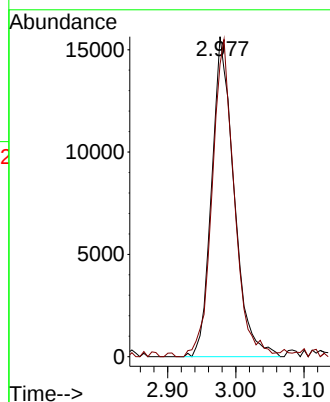
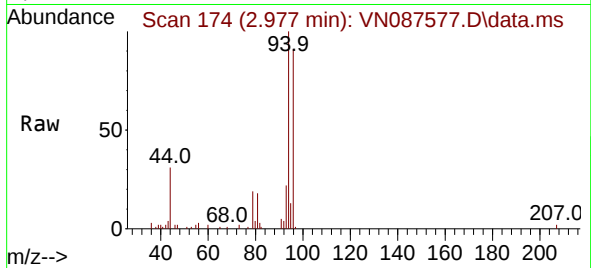




#5
Bromomethane
Concen: 20.879 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

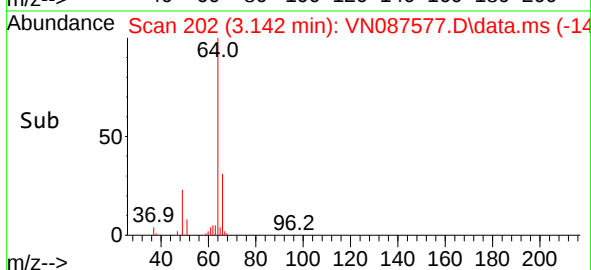
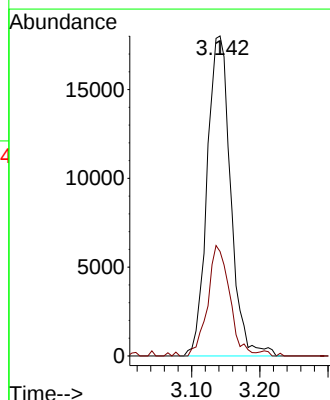
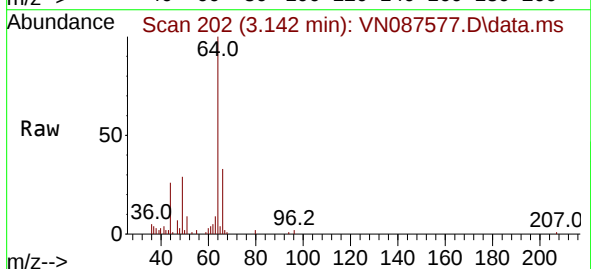
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MSVOA_N
ClientSampleId :

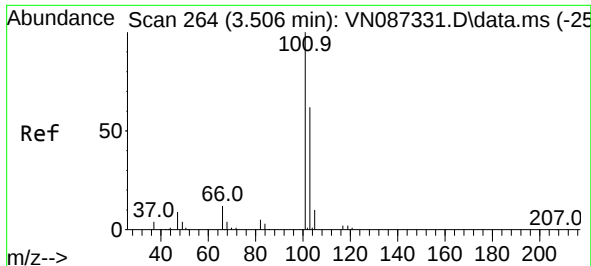
Tgt Ion: 94 Resp: 35836
Ion Ratio Lower Upper
94 100
96 91.4 73.4 110.2



#6
Chloroethane
Concen: 19.973 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

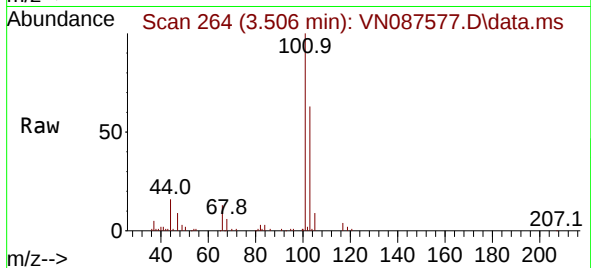
Tgt Ion: 64 Resp: 43172
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8



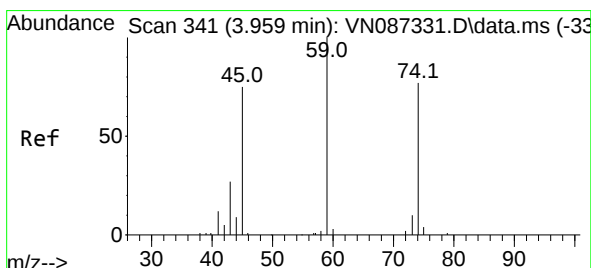
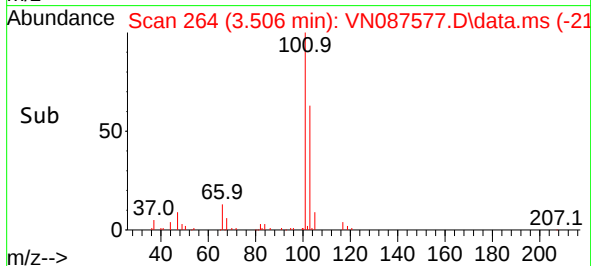
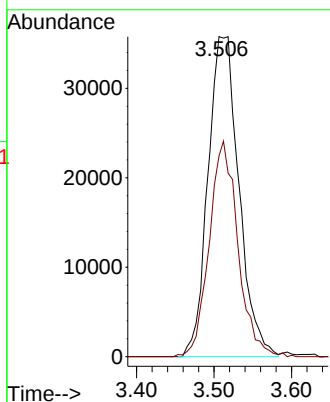


#7
 Trichlorofluoromethane
 Concen: 20.281 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Instrument :
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 ClientSampleId :

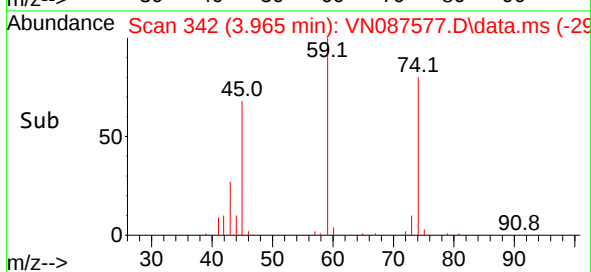
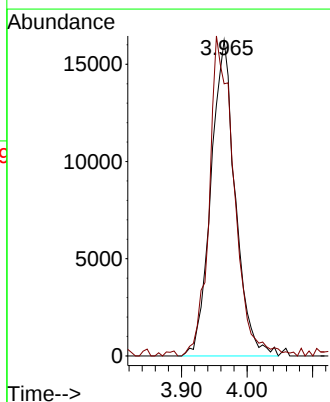
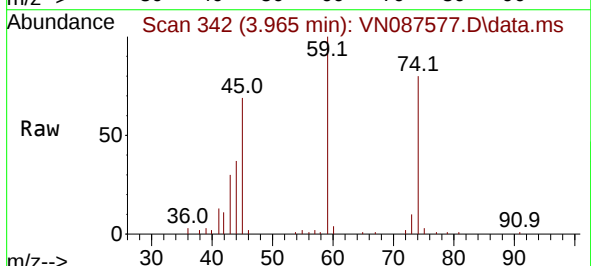


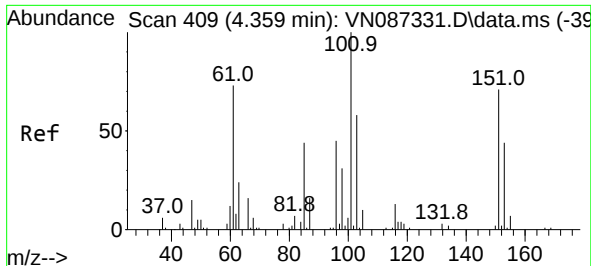
Tgt Ion:101 Resp: 99400
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.8 74.6



#8
 Diethyl Ether
 Concen: 22.023 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion: 74 Resp: 41870
 Ion Ratio Lower Upper
 74 100
 45 103.6 50.8 152.5

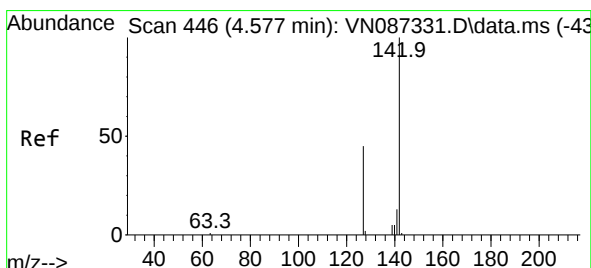
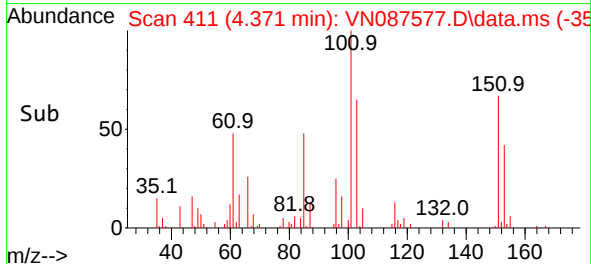
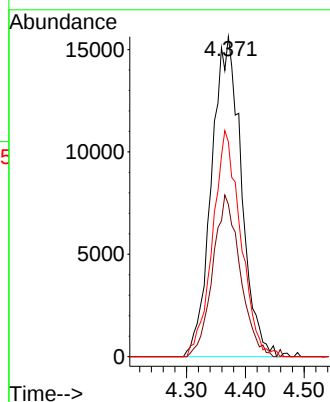
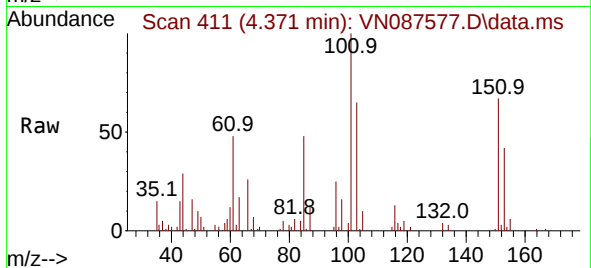




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.867 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087577.D
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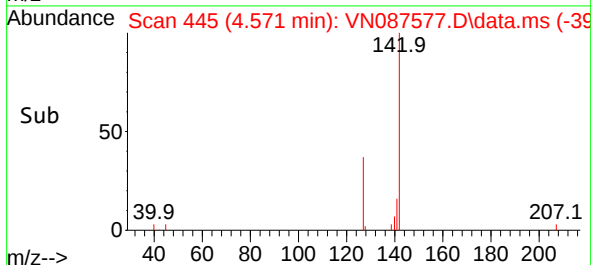
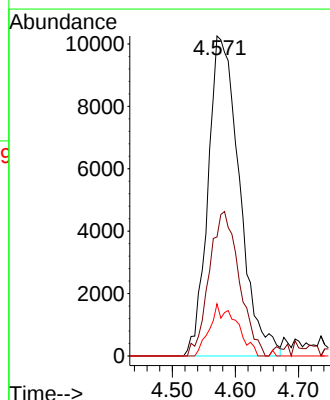
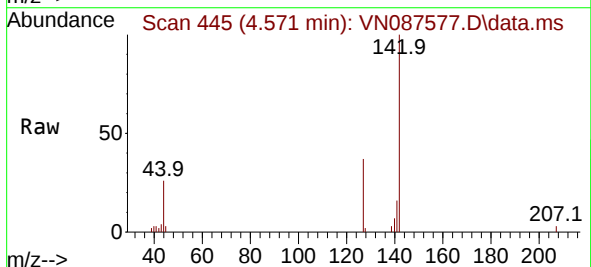
Instrument :
MSVOA_N
ClientSampleId :

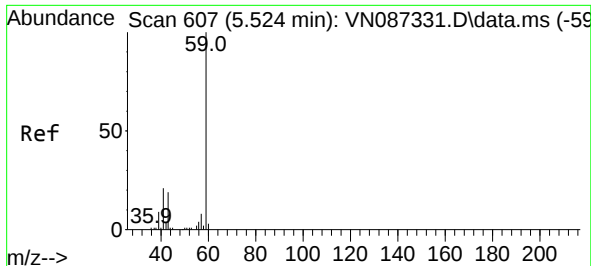
Tgt Ion:101 Resp: 55017
Ion Ratio Lower Upper
101 100
85 46.4 37.3 55.9
151 66.8 58.9 88.3



#10
Methyl Iodide
Concen: 17.794 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

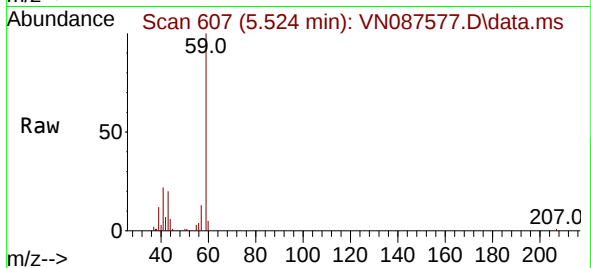
Tgt Ion:142 Resp: 35477
Ion Ratio Lower Upper
142 100
127 37.2 35.7 53.5
141 16.3 10.4 15.6#



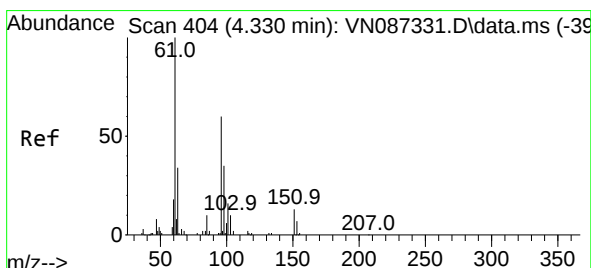
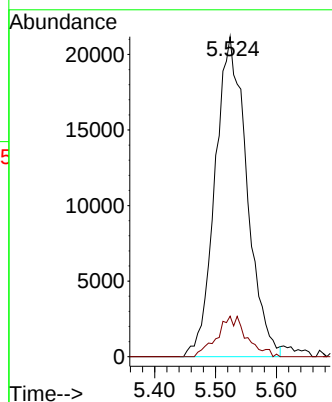
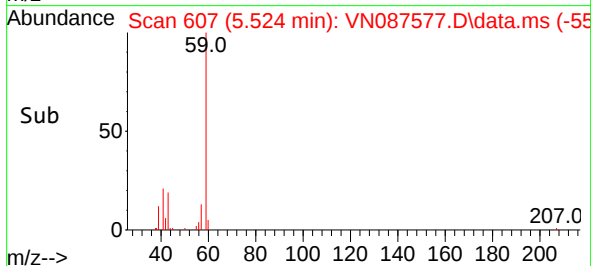


#11
Tert butyl alcohol
Concen: 95.497 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

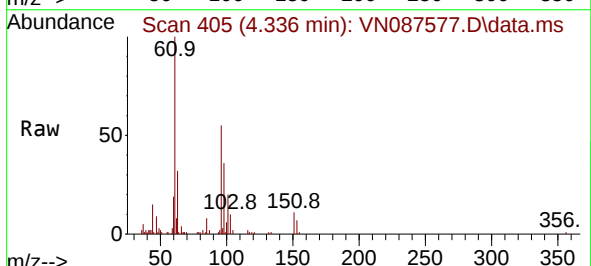
Instrument :
MSVOA_N
ClientSampleId :



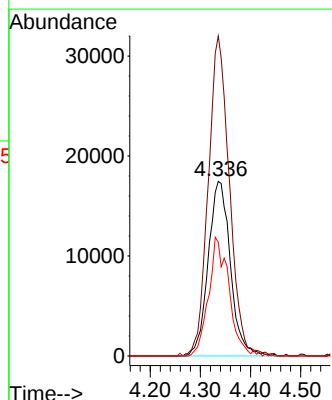
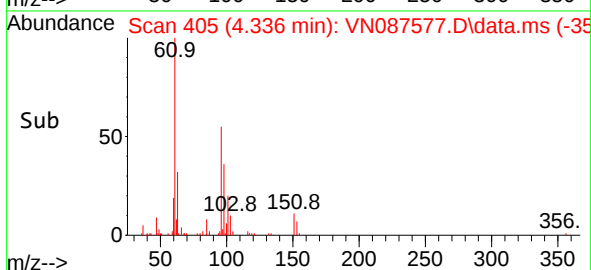
Tgt Ion: 59 Resp: 76828
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5

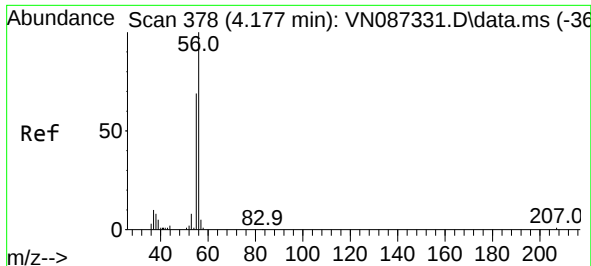


#12
1,1-Dichloroethene
Concen: 18.817 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31



Tgt Ion: 96 Resp: 53648
Ion Ratio Lower Upper
96 100
61 183.3 132.3 198.5
98 65.1 46.8 70.2





#13

Acrolein

Concen: 65.843 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

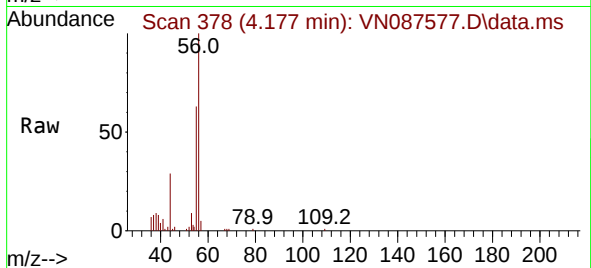
Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

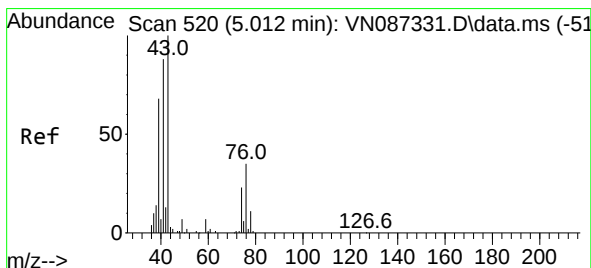
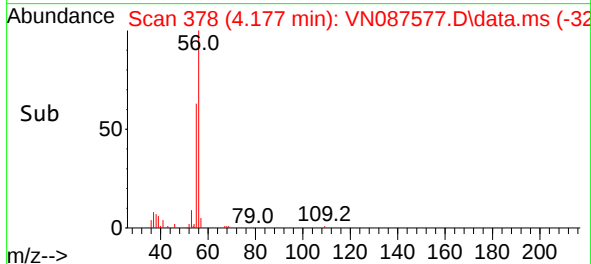
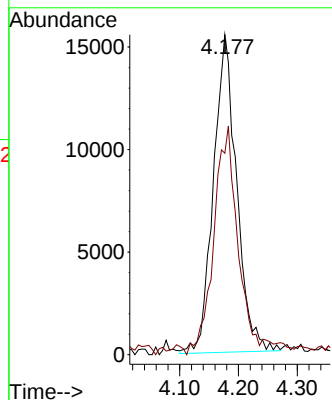


Tgt Ion: 56 Resp: 42511

Ion Ratio Lower Upper

56 100

55 73.3 56.2 84.4



#14

Allyl chloride

Concen: 17.693 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

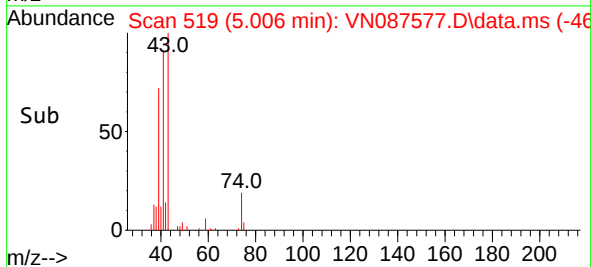
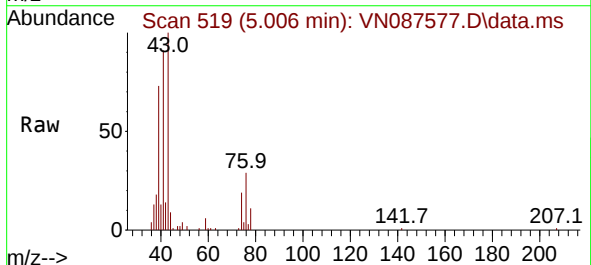
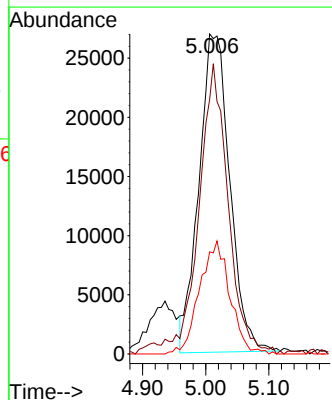
Tgt Ion: 41 Resp: 91291

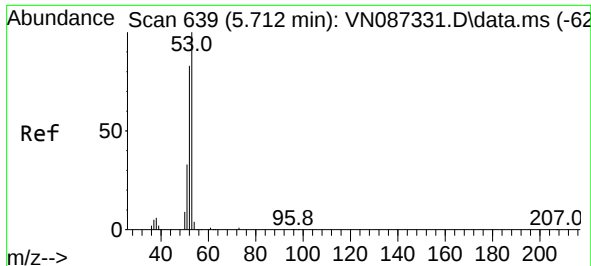
Ion Ratio Lower Upper

41 100

39 85.8 59.0 88.6

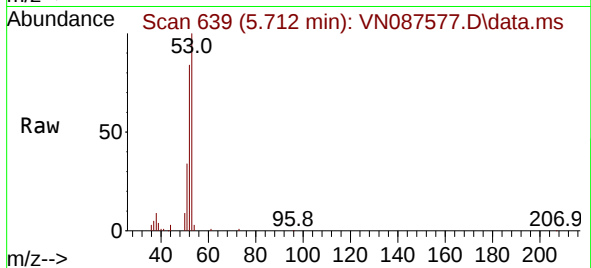
76 35.0 28.7 43.1



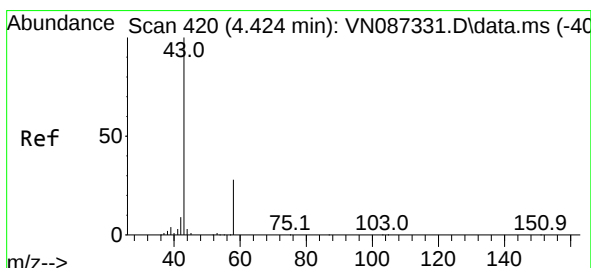
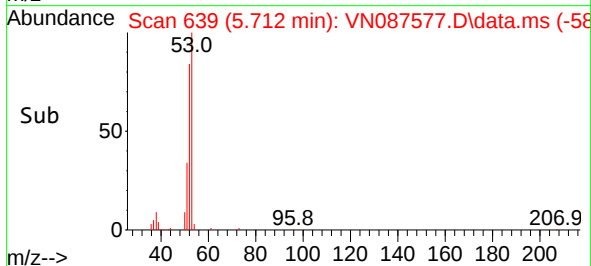
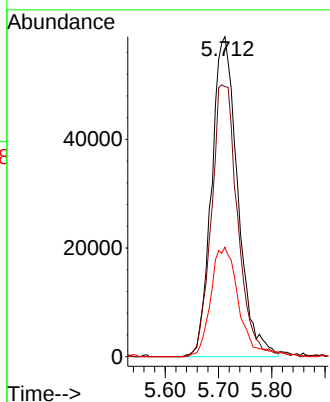


#15
Acrylonitrile
Concen: 92.161 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Instrument :
MSVOA_N
ClientSampleId :

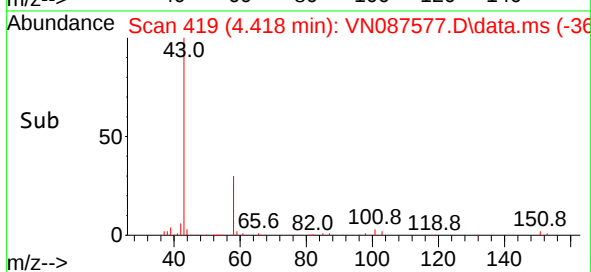
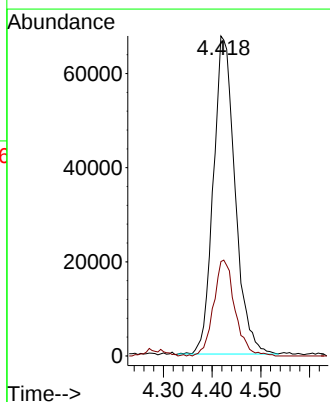
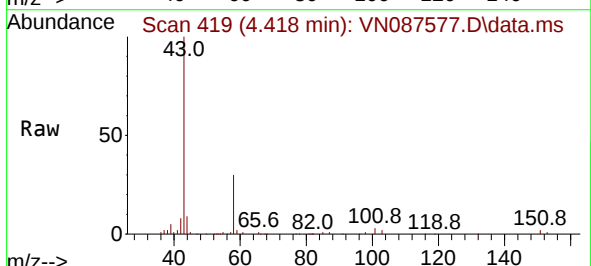


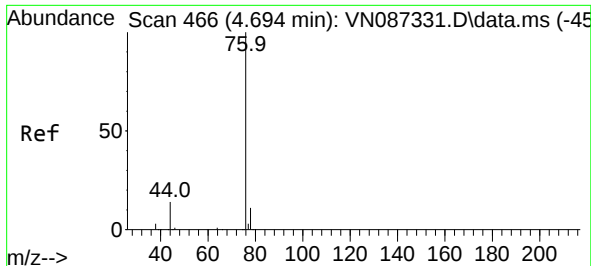
Tgt Ion: 53 Resp: 201200
Ion Ratio Lower Upper
53 100
52 84.8 65.5 98.3
51 36.9 28.7 43.1



#16
Acetone
Concen: 105.239 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 43 Resp: 209067
Ion Ratio Lower Upper
43 100
58 29.7 22.3 33.5

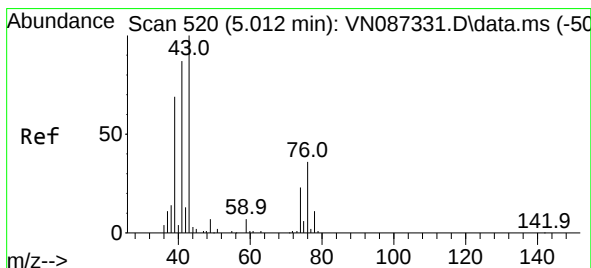
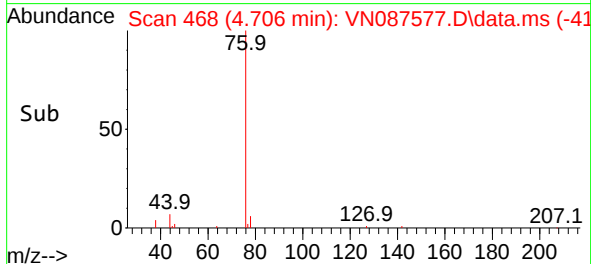
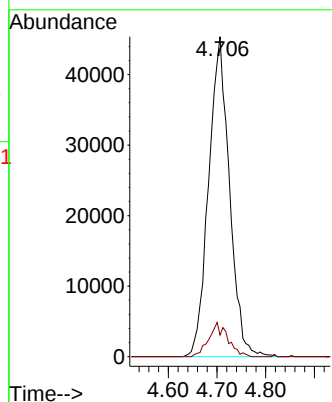
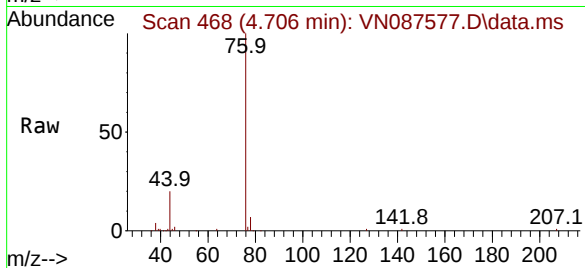




#17
Carbon Disulfide
Concen: 15.930 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

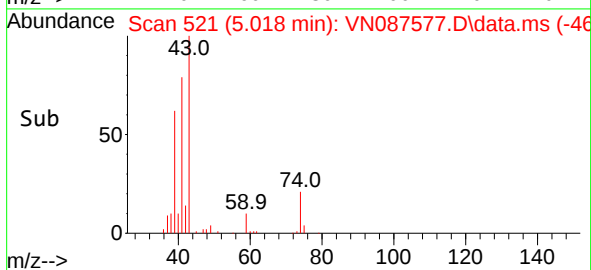
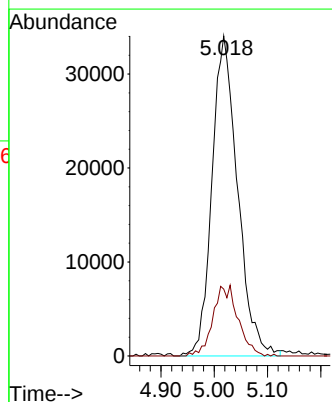
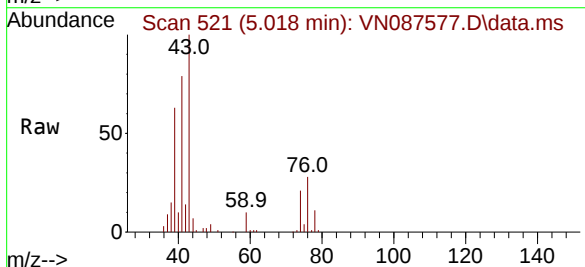
Instrument :
MSVOA_N
ClientSampleId :

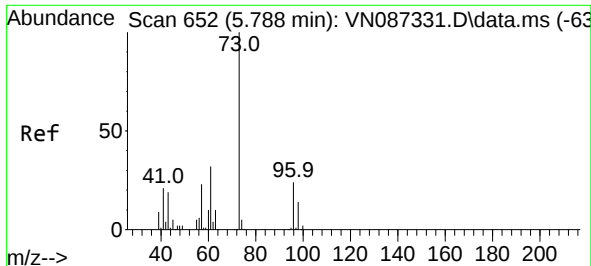
Tgt Ion: 76 Resp: 134653
Ion Ratio Lower Upper
76 100
78 6.7 8.6 13.0#



#18
Methyl Acetate
Concen: 22.806 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 43 Resp: 113825
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6

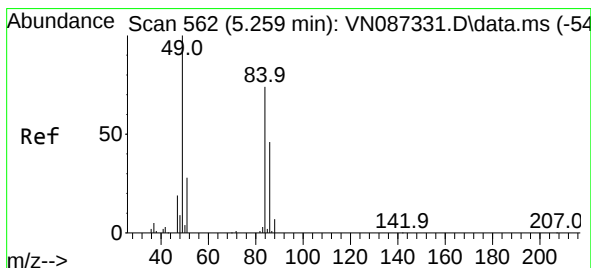
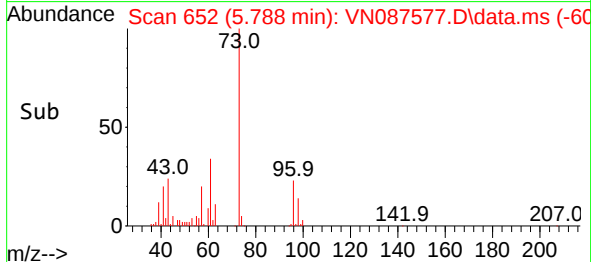
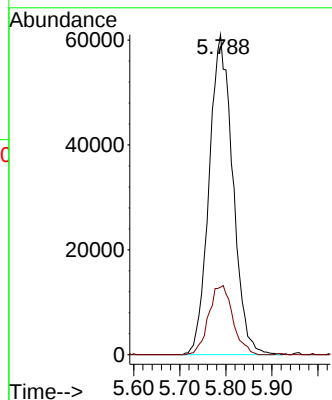
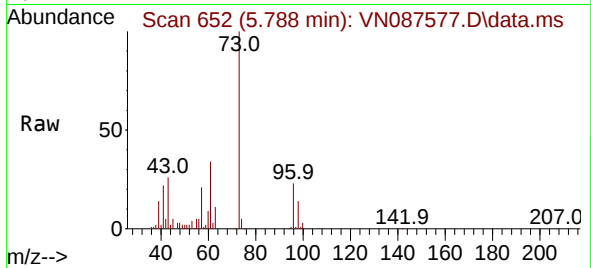




#19
Methyl tert-butyl Ether
Concen: 20.698 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

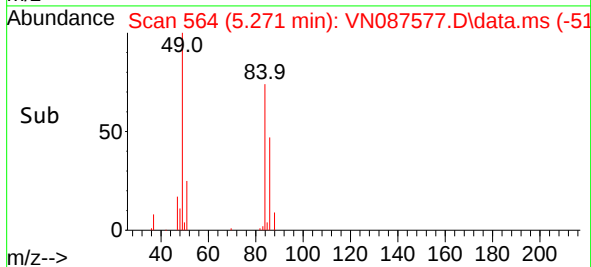
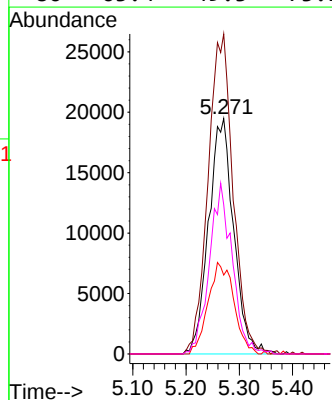
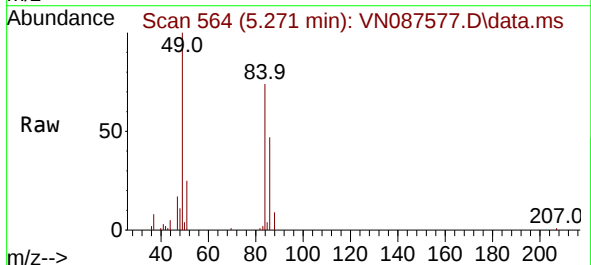
Instrument :
MSVOA_N
ClientSampleId :

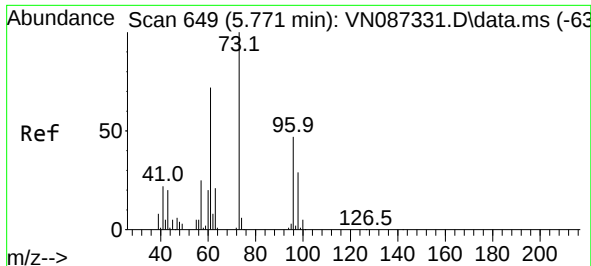
Tgt Ion: 73 Resp: 217507
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 18.513 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 84 Resp: 63526
Ion Ratio Lower Upper
84 100
49 135.9 107.5 161.3
51 33.5 30.2 45.2
86 63.4 49.3 73.9

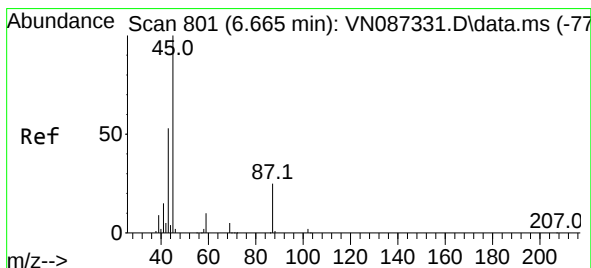
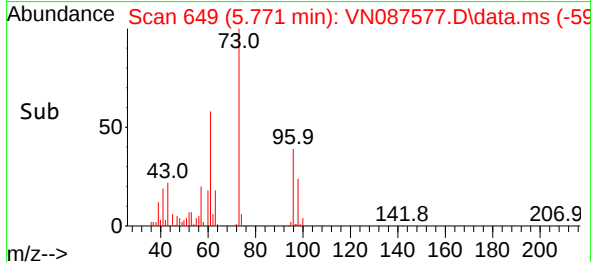
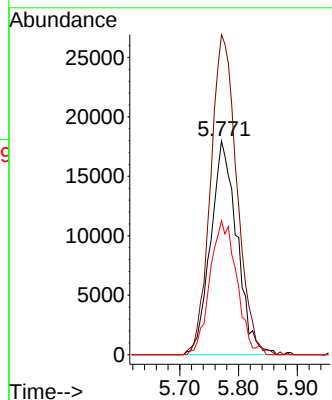
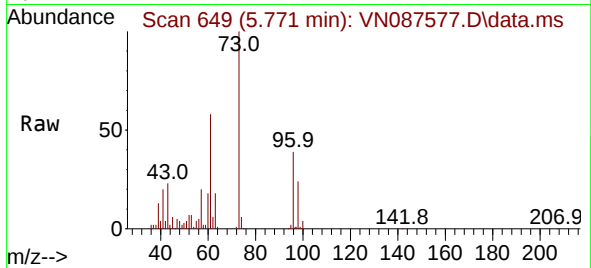




#21
trans-1,2-Dichloroethene
Concen: 17.332 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

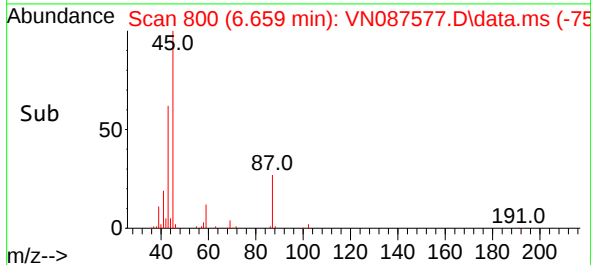
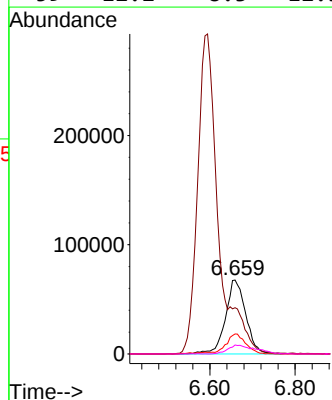
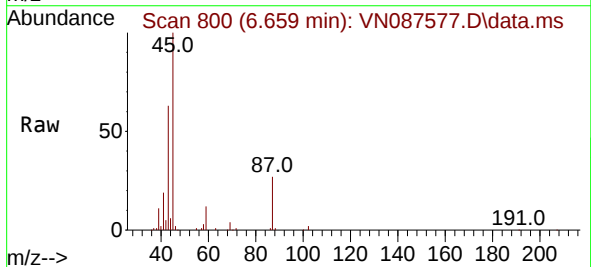
Instrument :
MSVOA_N
ClientSampleId :

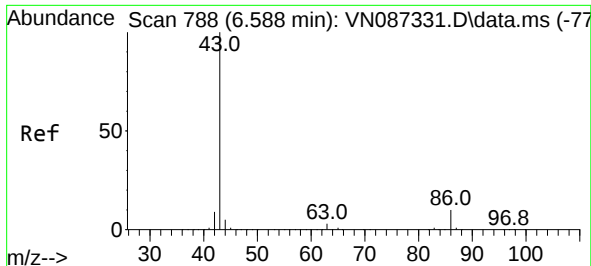
Tgt Ion: 96 Resp: 55717
Ion Ratio Lower Upper
96 100
61 149.6 122.0 183.0
98 62.6 50.0 75.0



#22
Diisopropyl ether
Concen: 20.646 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 45 Resp: 223451
Ion Ratio Lower Upper
45 100
43 61.5 42.8 64.2
87 26.7 19.8 29.6
59 12.2 8.3 12.5

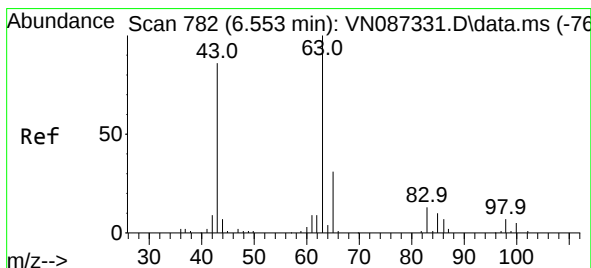
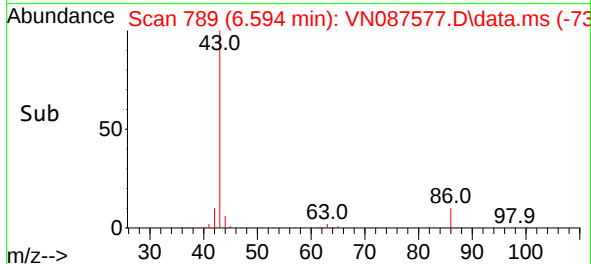
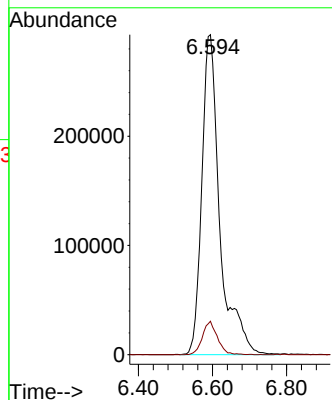
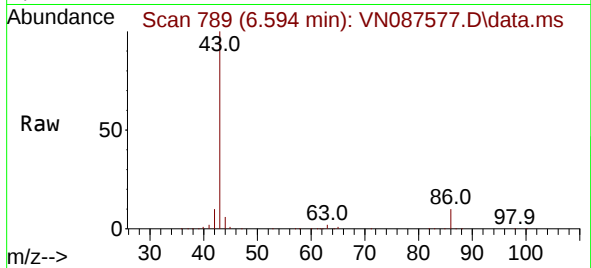




#23
 Vinyl Acetate
 Concen: 104.451 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

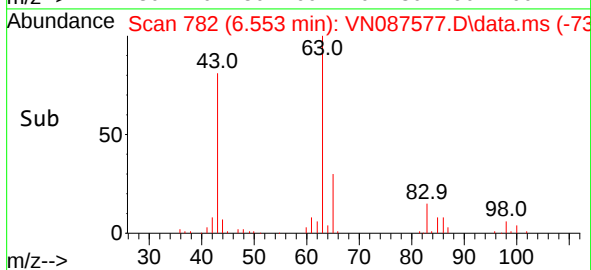
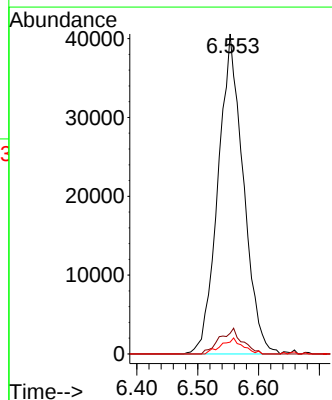
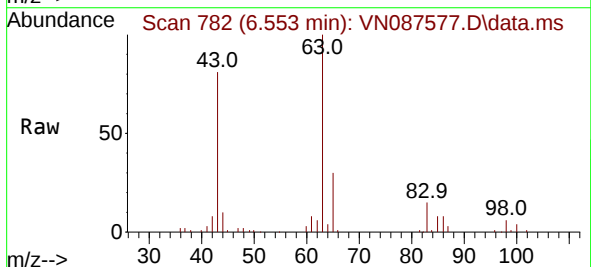
Instrument :
 MSVOA_N
 ClientSampleId :

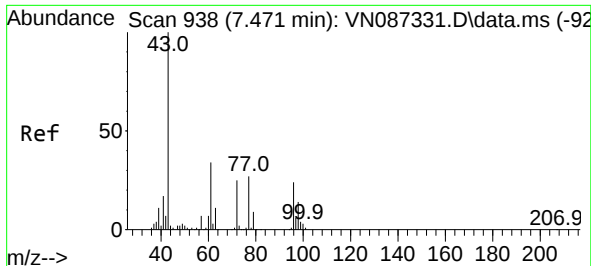
Tgt Ion: 43 Resp: 988696
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 18.766 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion: 63 Resp: 117176
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.7 2.5 7.4

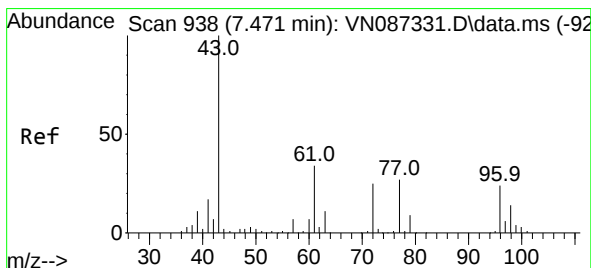
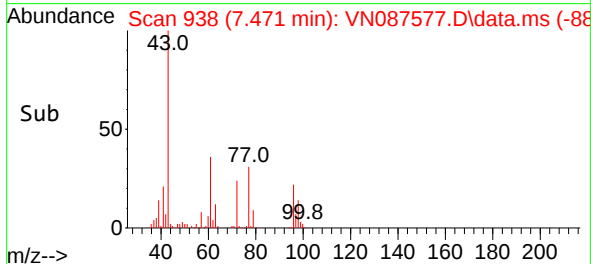
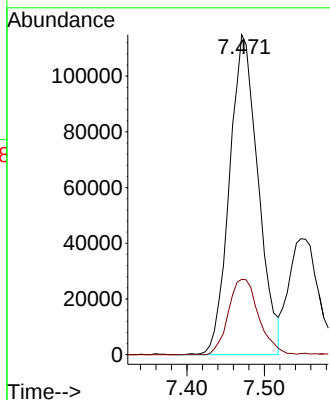
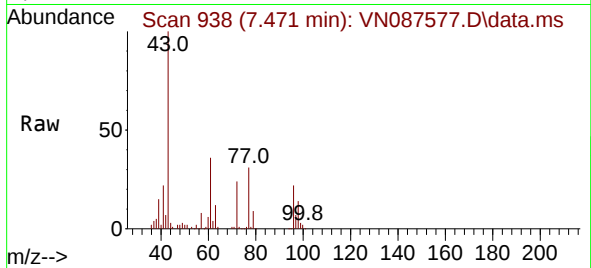




#25
2-Butanone
Concen: 96.308 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

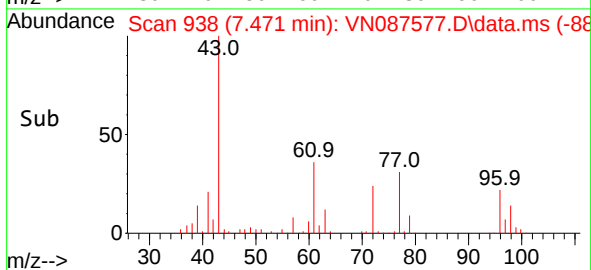
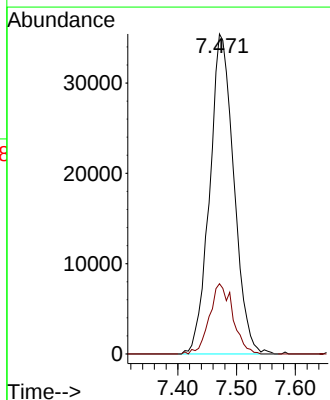
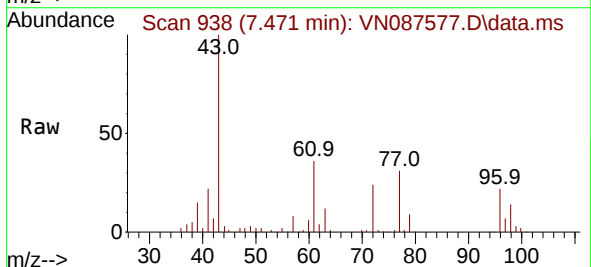
Instrument :
MSVOA_N
ClientSampleId :

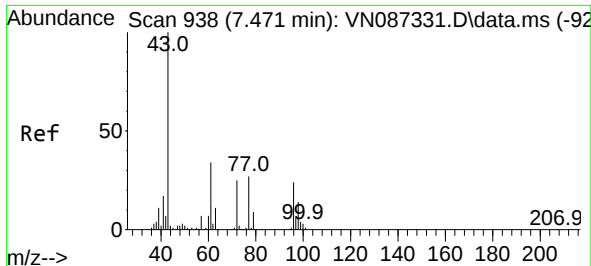
Tgt Ion: 43 Resp: 295616
Ion Ratio Lower Upper
43 100
72 23.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 20.881 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

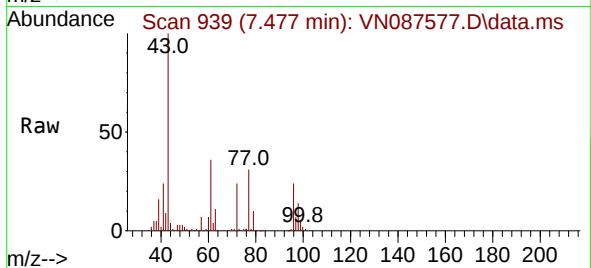
Tgt Ion: 77 Resp: 101366
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.1



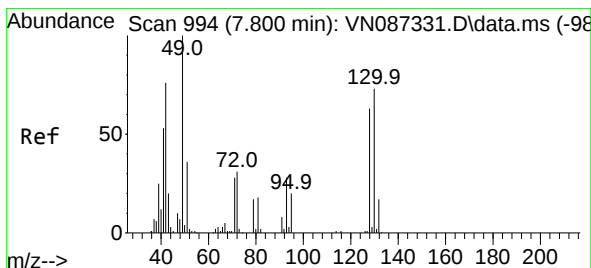
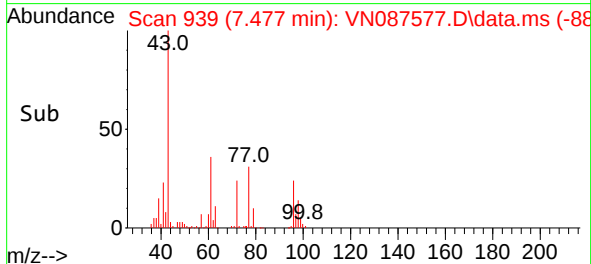
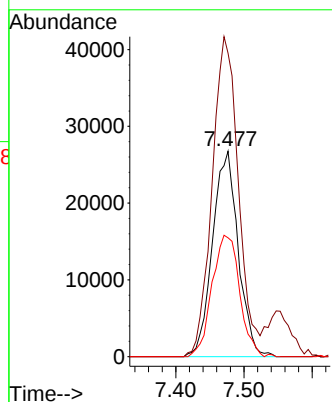


#27
 cis-1,2-Dichloroethene
 Concen: 18.952 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Instrument :
 MSVOA_N
 ClientSampleId :

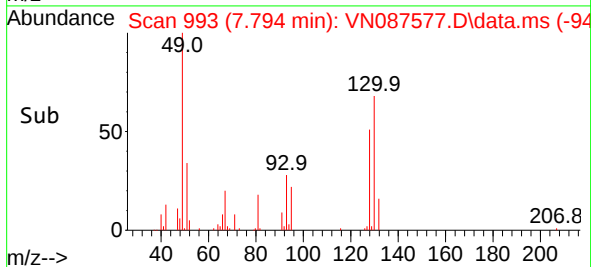
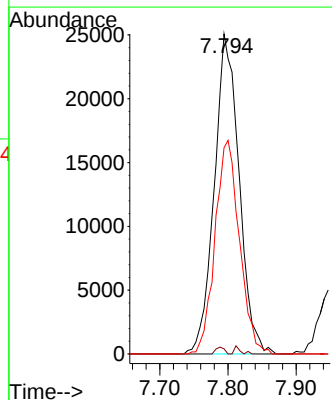
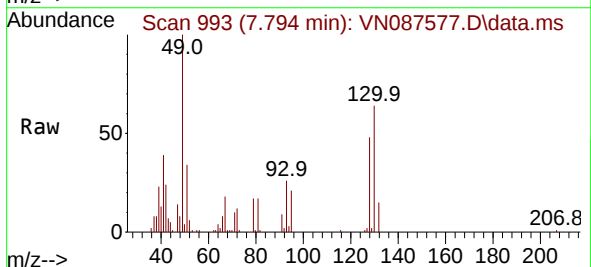


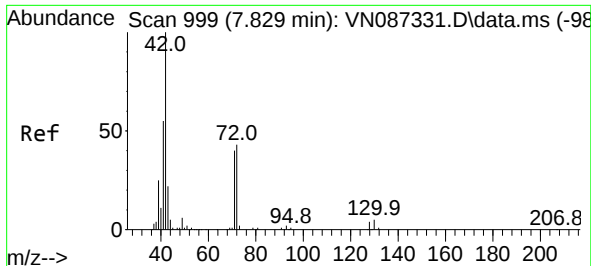
Tgt Ion: 96 Resp: 70144
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 297.8
 98 63.4 0.0 132.4



#28
 Bromochloromethane
 Concen: 21.261 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion: 49 Resp: 63535
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.2
 130 65.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 92.847 ug/l

RT: 7.824 min Scan# 99

Delta R.T. -0.006 min

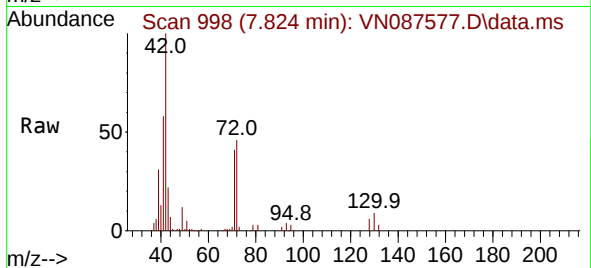
Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :



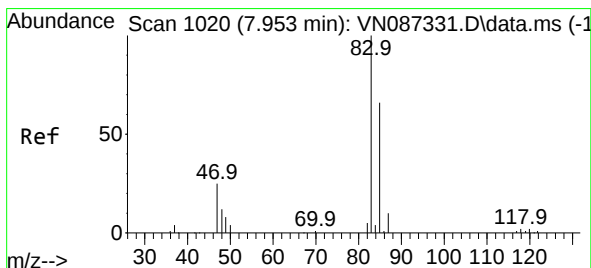
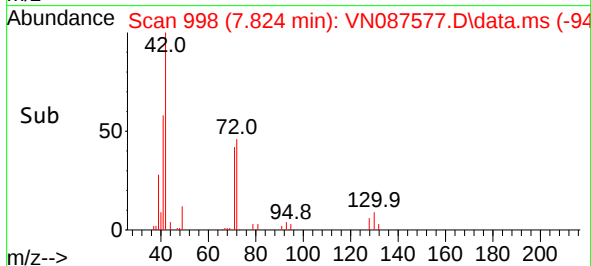
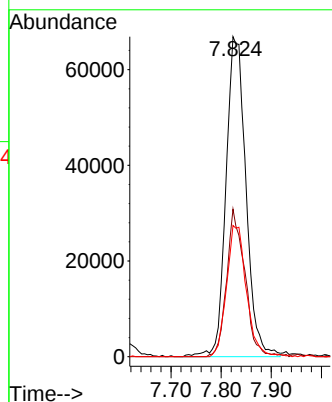
Tgt Ion: 42 Resp: 185139

Ion Ratio Lower Upper

42 100

72 42.1 33.4 50.0

71 40.7 31.2 46.8



#30

Chloroform

Concen: 20.015 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087577.D

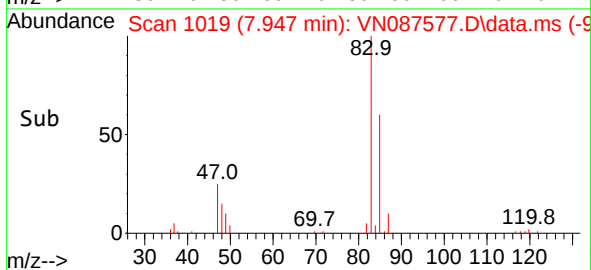
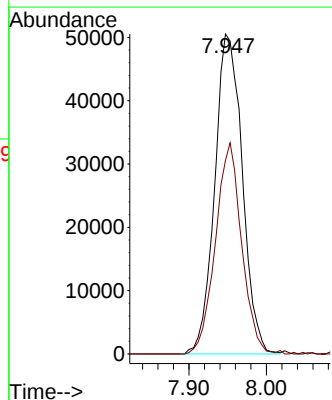
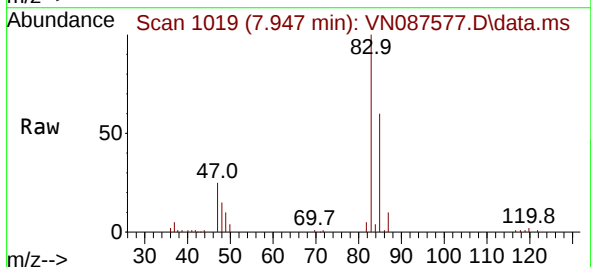
Acq: 15 Aug 2025 13:31

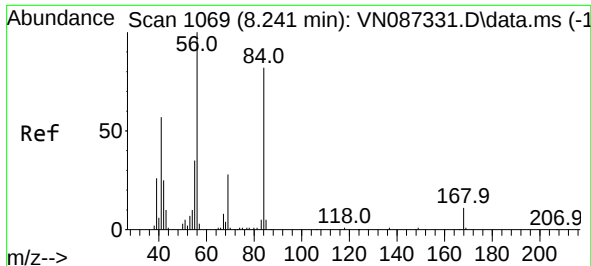
Tgt Ion: 83 Resp: 125090

Ion Ratio Lower Upper

83 100

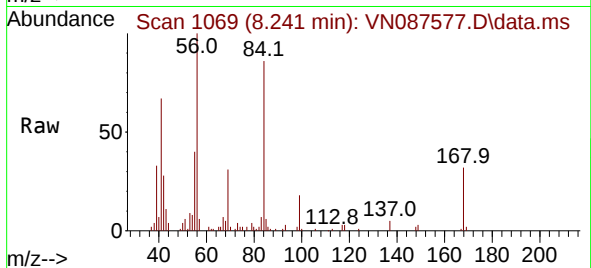
85 60.5 52.7 79.1



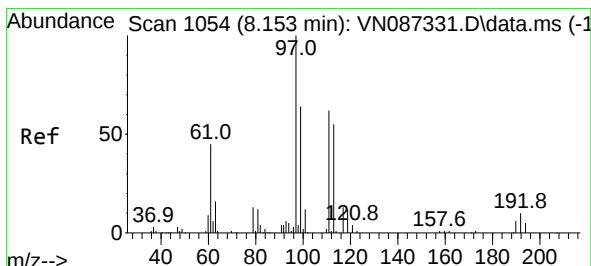
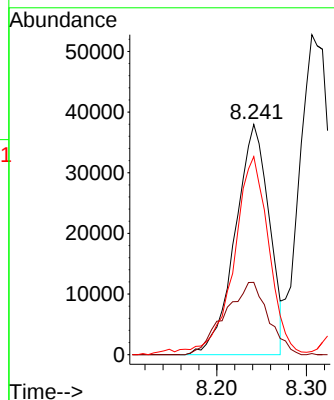
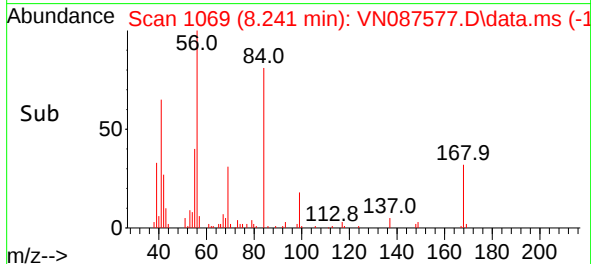


#31
Cyclohexane
Concen: 19.122 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

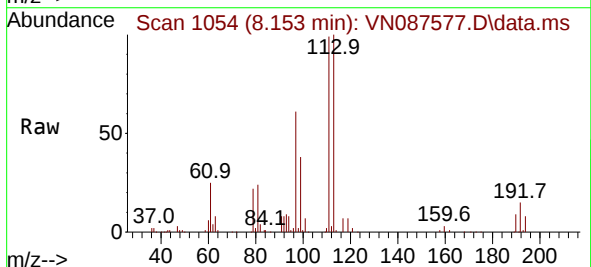
Instrument :
MSVOA_N
ClientSampleId :



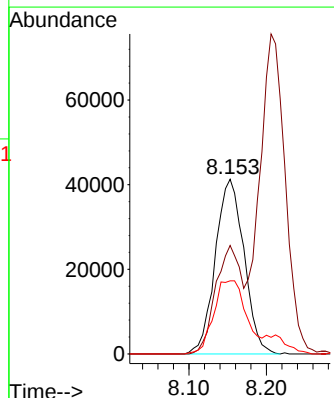
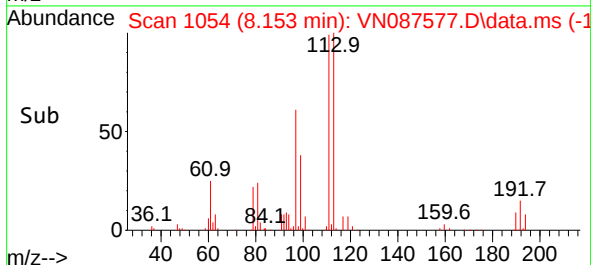
Tgt Ion: 56 Resp: 99606
Ion Ratio Lower Upper
56 100
69 31.4 22.7 34.1
84 83.8 65.8 98.6

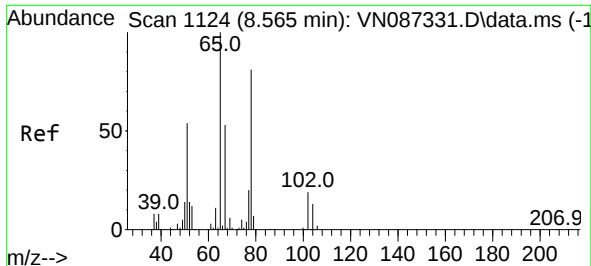


#32
1,1,1-Trichloroethane
Concen: 19.656 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31



Tgt Ion: 97 Resp: 106402
Ion Ratio Lower Upper
97 100
99 54.9 51.8 77.8
61 47.8 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 55.069 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

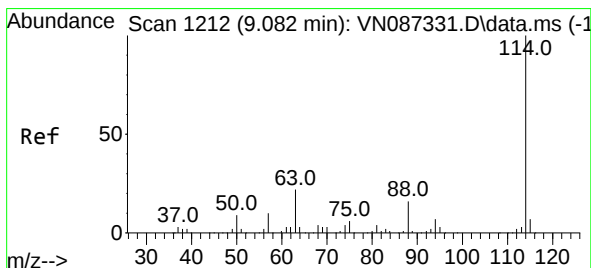
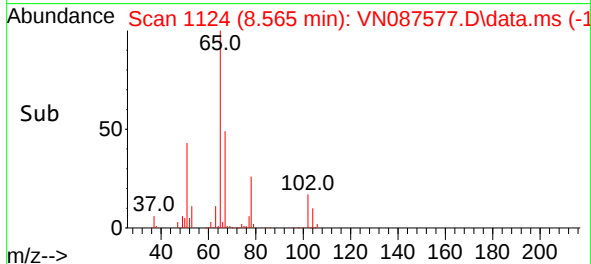
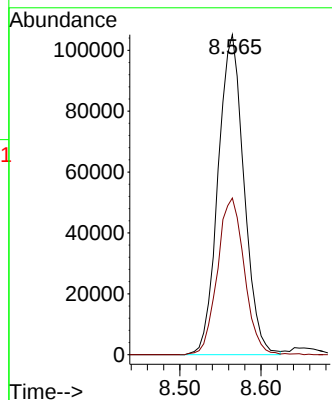
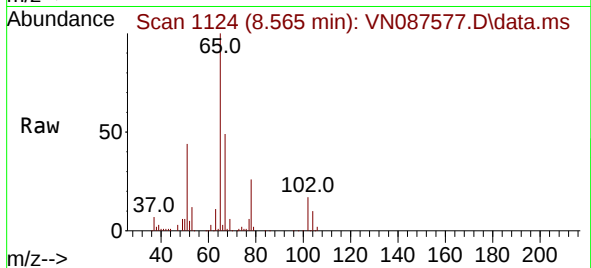
ClientSampleId :

Tgt Ion: 65 Resp: 233327

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

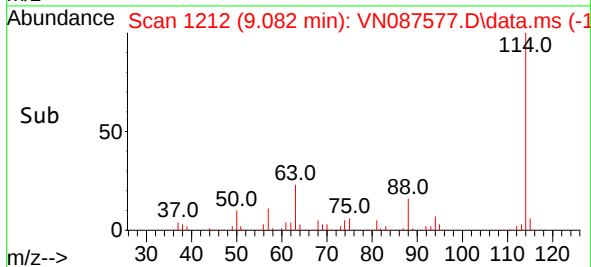
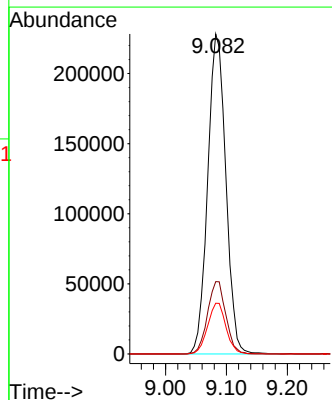
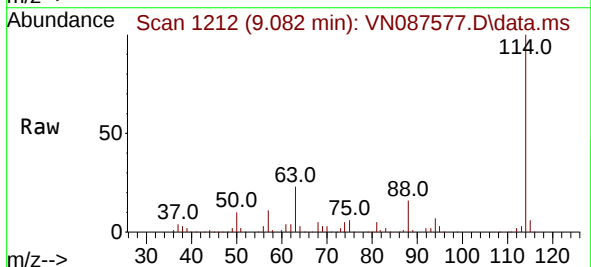
Tgt Ion: 114 Resp: 472244

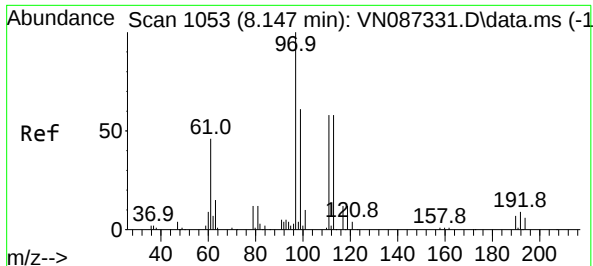
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.006 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087577.D

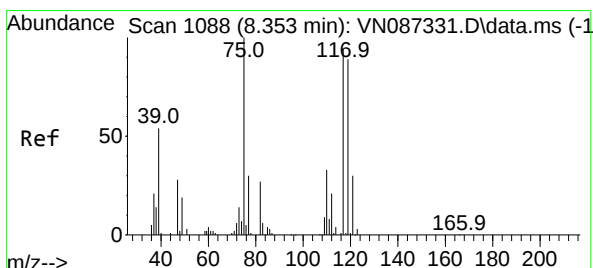
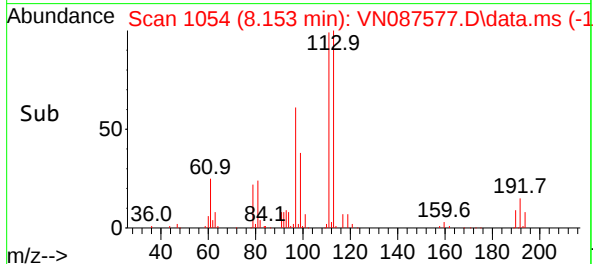
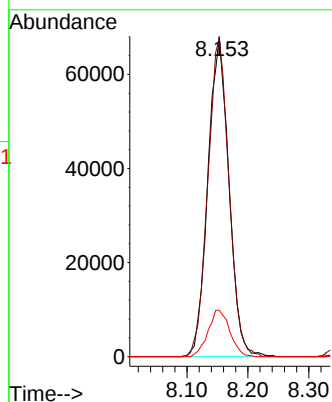
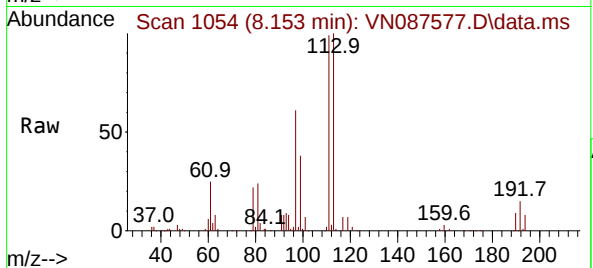
Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	162896
Ion	Ratio	Lower Upper
113	100	
111	100.3	82.5 123.7
192	15.1	13.7 20.5



#36

1,1-Dichloropropene

Concen: 18.347 ug/l

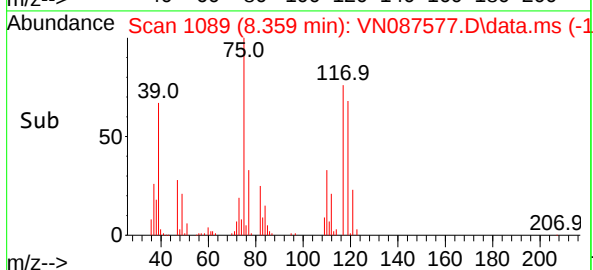
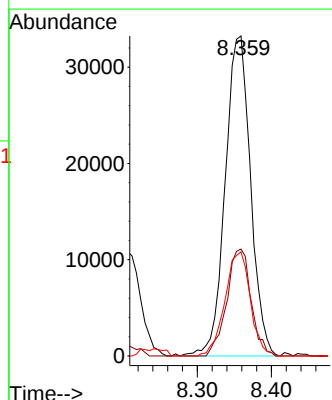
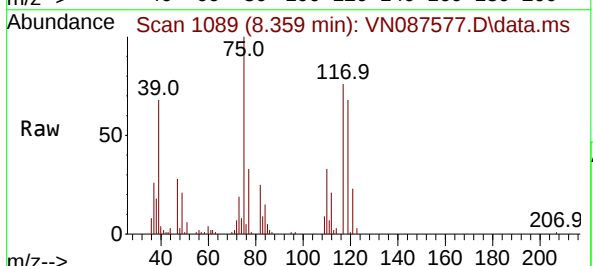
RT: 8.359 min Scan# 1089

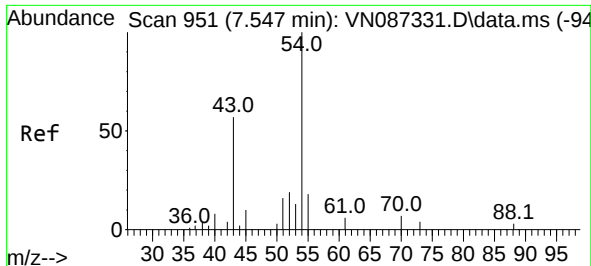
Delta R.T. 0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Tgt Ion: 75	Resp:	78960
Ion	Ratio	Lower Upper
75	100	
110	32.1	16.7 50.1
77	32.6	25.2 37.8





#37

Ethyl Acetate

Concen: 18.651 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

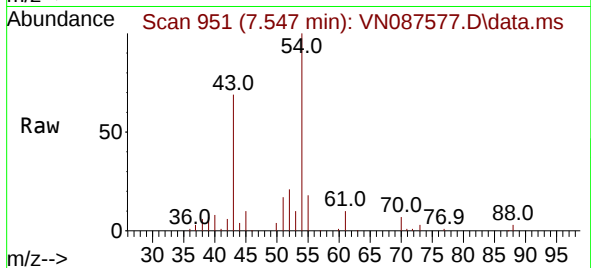
Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

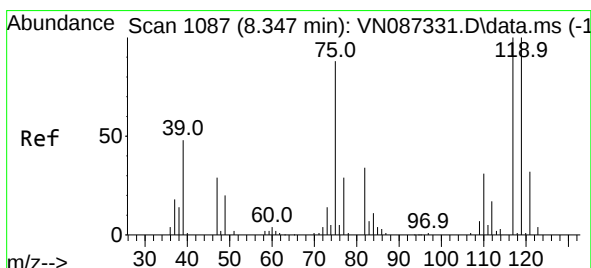
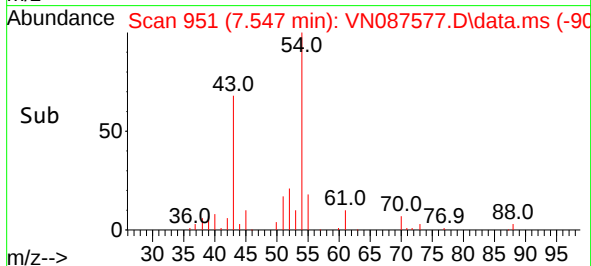
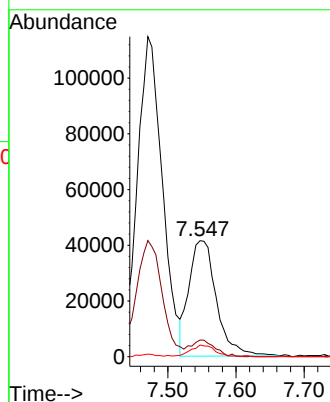
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	115927
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	8.8	7.4	11.0



#38

Carbon Tetrachloride

Concen: 17.430 ug/l

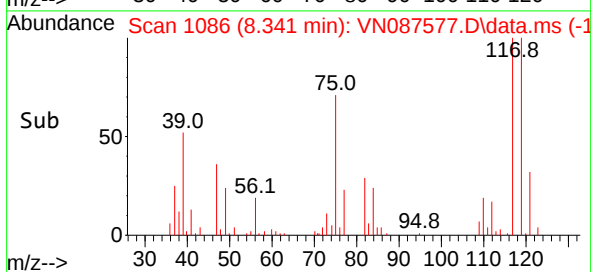
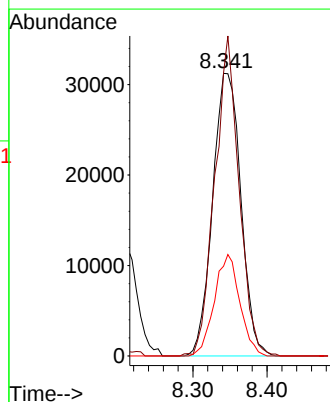
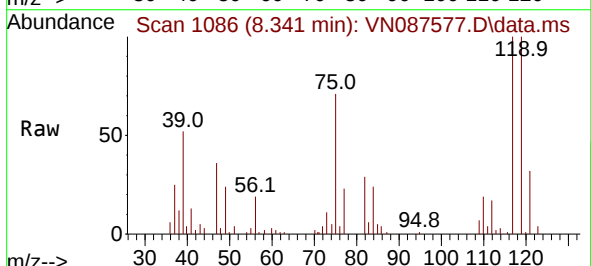
RT: 8.341 min Scan# 1086

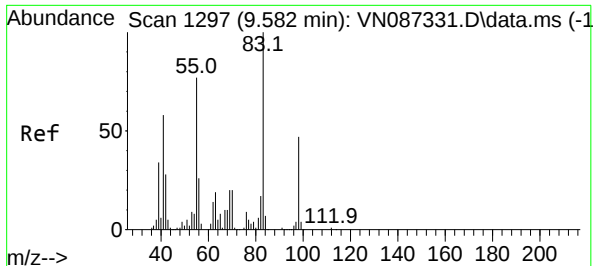
Delta R.T. -0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Tgt Ion:	117	Resp:	82636
Ion	Ratio	Lower	Upper
117	100		
119	100.2	80.2	120.2
121	31.8	25.4	38.2

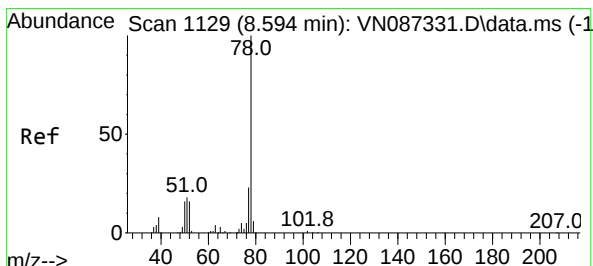
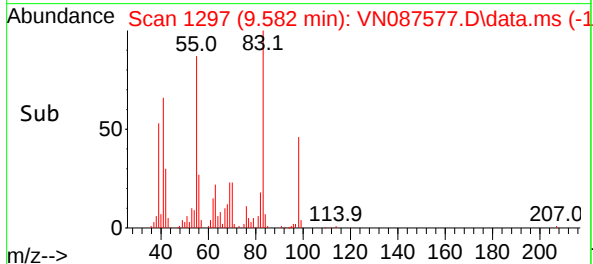
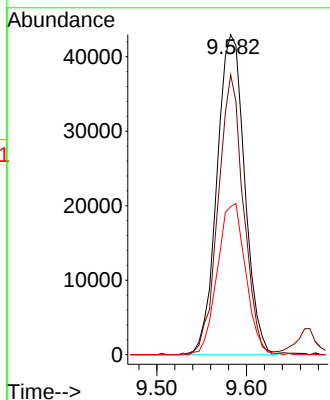
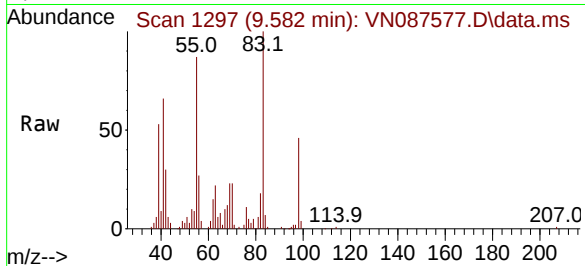




#39
Methylcyclohexane
Concen: 19.751 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

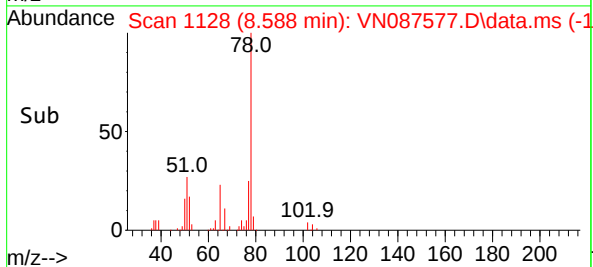
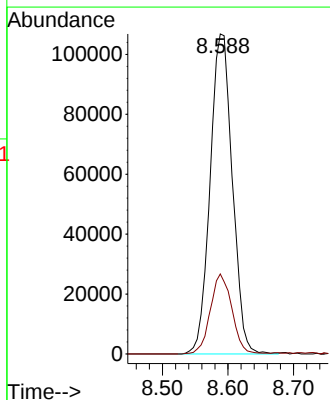
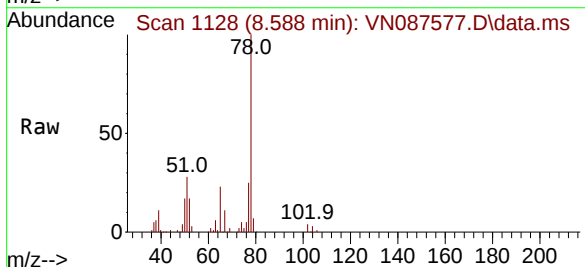
Instrument :
MSVOA_N
ClientSampleId :

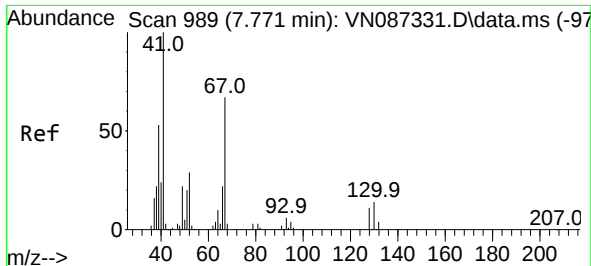
Tgt Ion: 83 Resp: 92031
Ion Ratio Lower Upper
83 100
55 87.4 61.3 91.9
98 46.2 37.9 56.9



#40
Benzene
Concen: 18.047 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

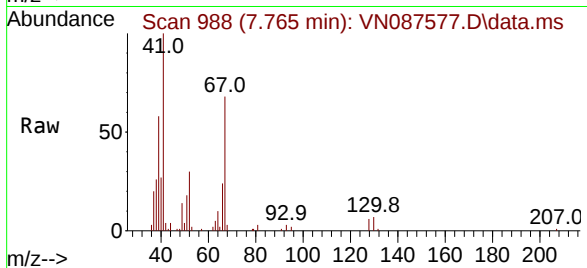
Tgt Ion: 78 Resp: 251026
Ion Ratio Lower Upper
78 100
77 25.0 18.2 27.2



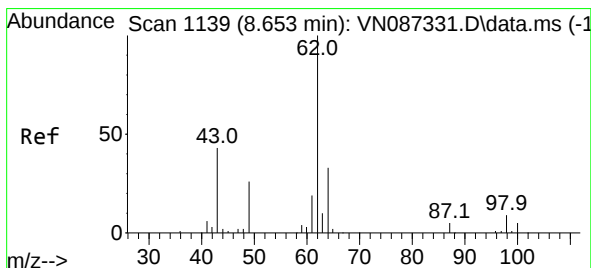
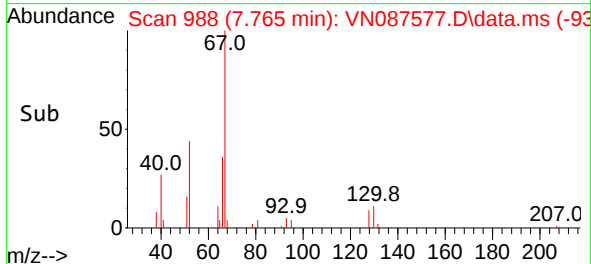
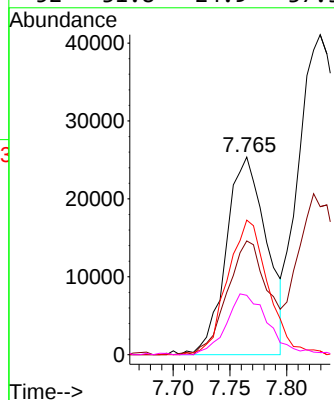


#41
Methacrylonitrile
Concen: 19.348 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Instrument :
MSVOA_N
ClientSampleId :

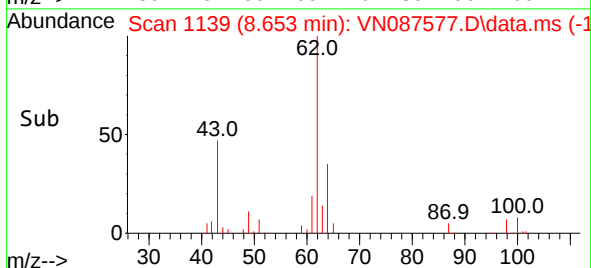
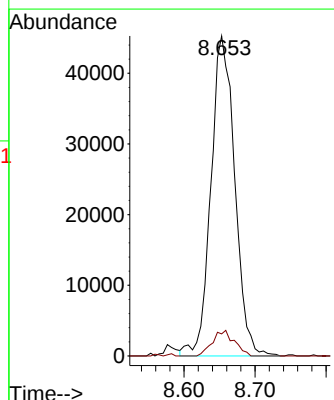
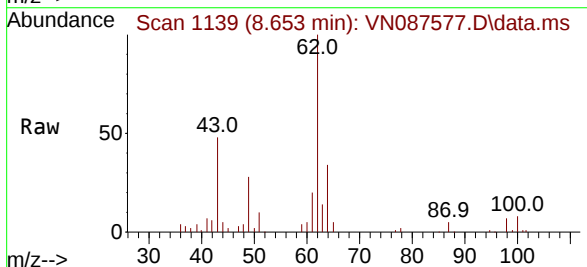


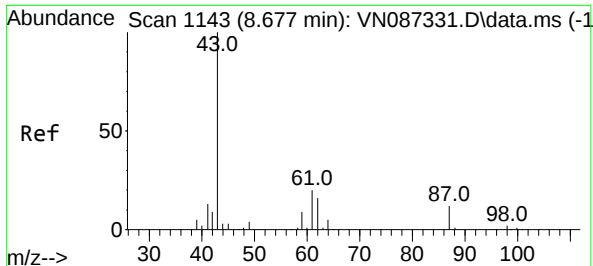
Tgt Ion:	41	Resp:	62883
Ion Ratio	Lower	Upper	
41	100		
39	57.9	43.4	65.0
67	68.4	55.1	82.7
52	31.8	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.993 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:	62	Resp:	105461
Ion Ratio	Lower	Upper	
62	100		
98	7.3	0.0	18.0

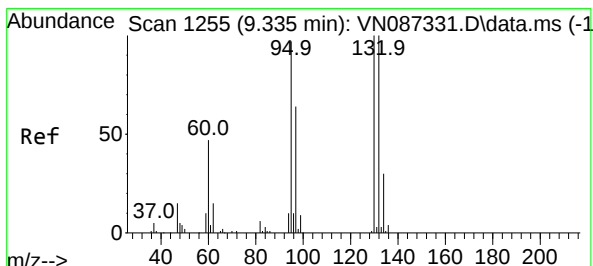
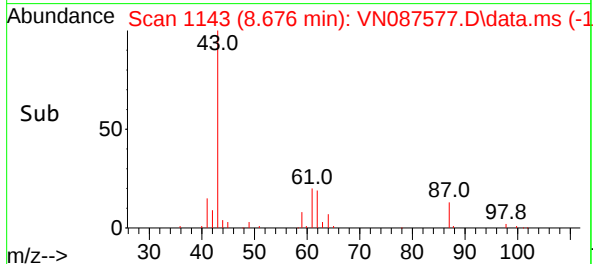
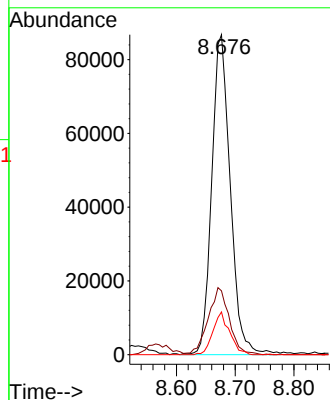
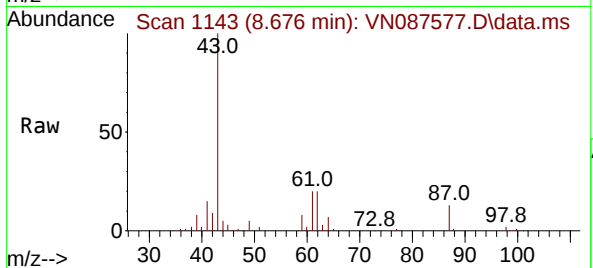




#43
Isopropyl Acetate
Concen: 19.738 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

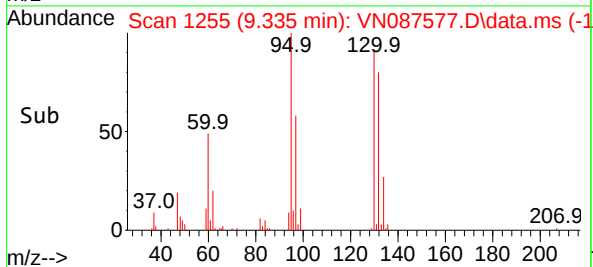
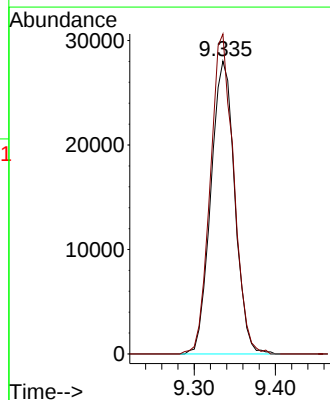
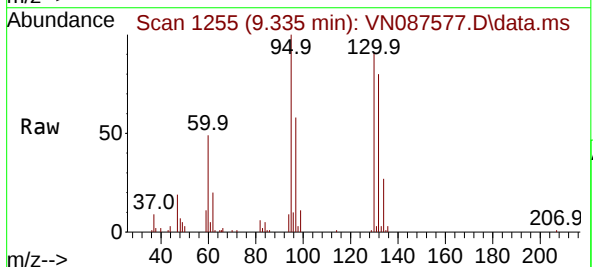
Instrument :
MSVOA_N
ClientSampleId :

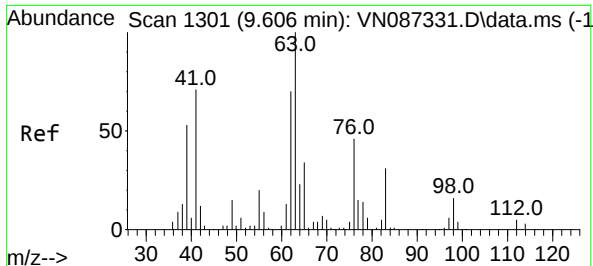
Tgt Ion: 43 Resp: 190449
Ion Ratio Lower Upper
43 100
61 23.9 19.8 29.8
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 17.441 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:130 Resp: 57323
Ion Ratio Lower Upper
130 100
95 109.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 18.414 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

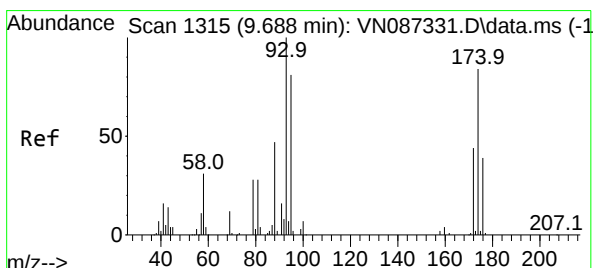
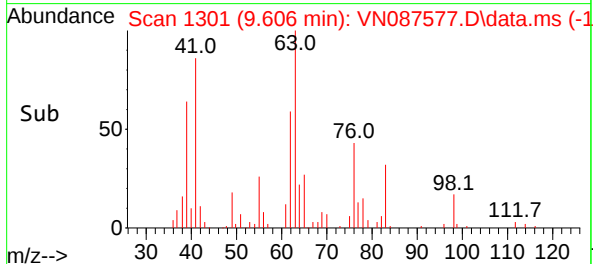
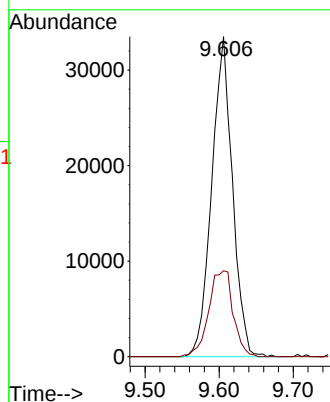
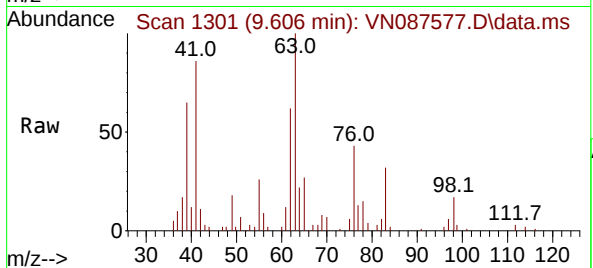
ClientSampleId :

Tgt Ion: 63 Resp: 65081

Ion Ratio Lower Upper

63 100

65 26.9 27.0 40.4#



#46

Dibromomethane

Concen: 18.843 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

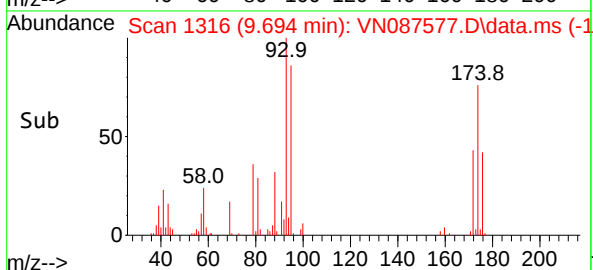
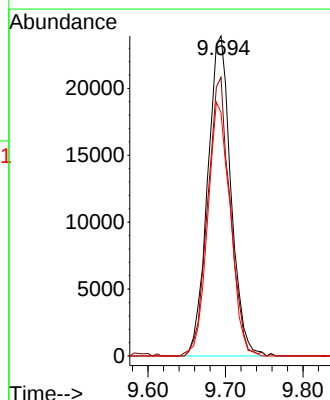
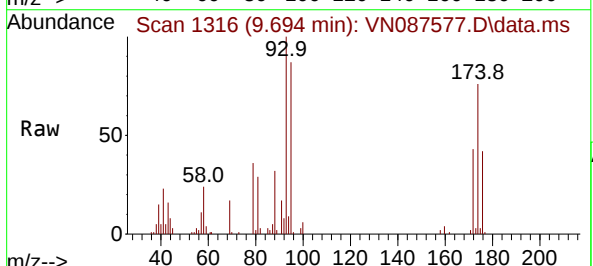
Tgt Ion: 93 Resp: 49862

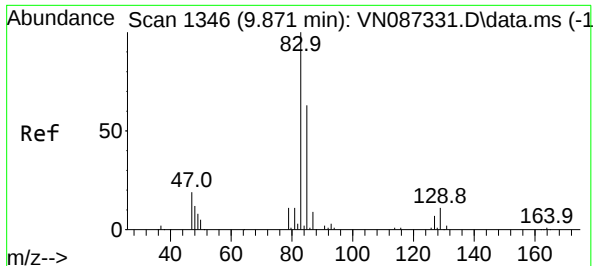
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.8

174 76.8 69.9 104.9





#47

Bromodichloromethane

Concen: 18.188 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087577.D

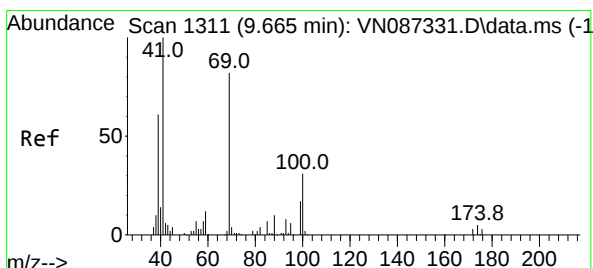
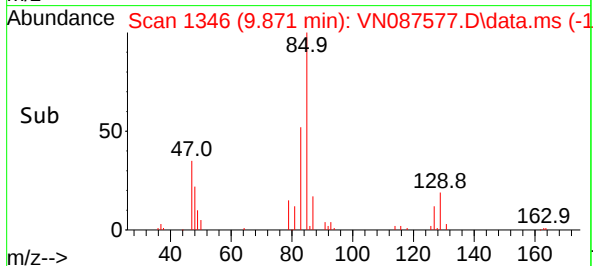
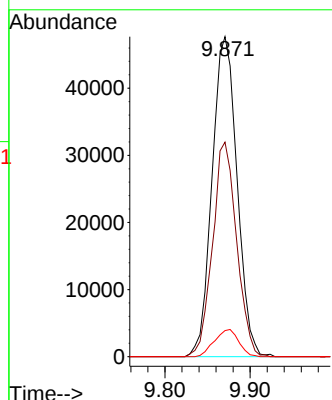
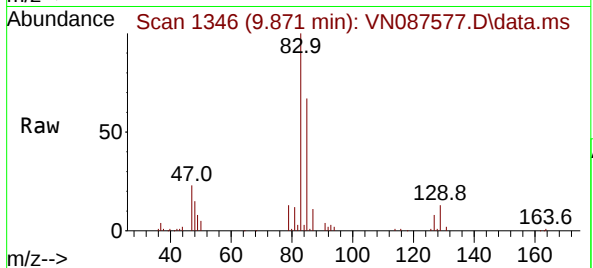
Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	96948
Ion Ratio	Lower	Upper	
83	100		
85	67.0	50.4	75.6
127	8.1	5.8	8.8



#48

Methyl methacrylate

Concen: 20.398 ug/l

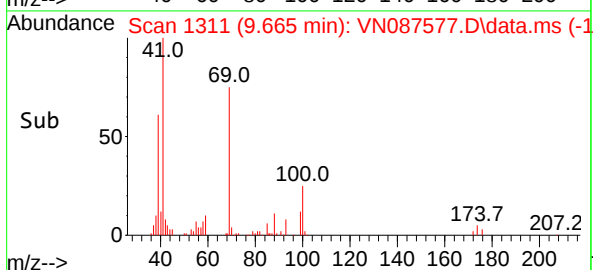
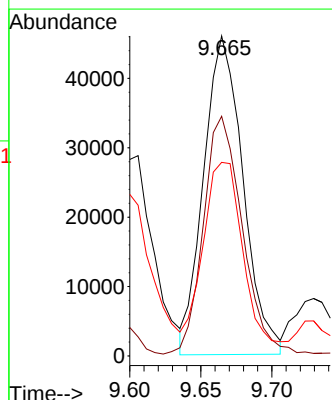
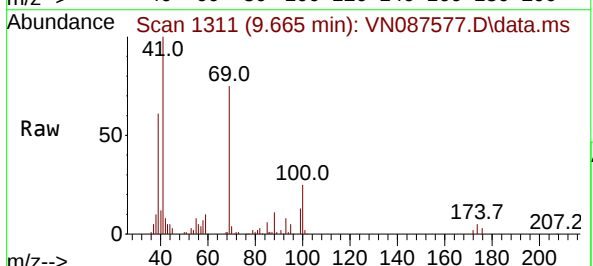
RT: 9.665 min Scan# 1311

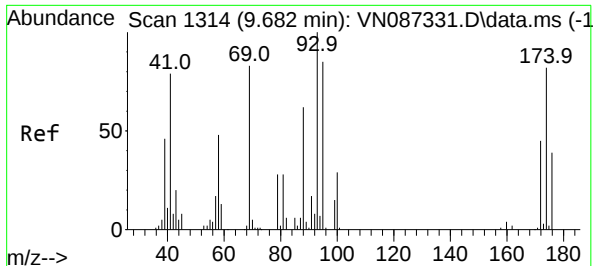
Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Tgt Ion:	41	Resp:	88604
Ion Ratio	Lower	Upper	
41	100		
69	76.0	64.1	96.1
39	62.8	45.5	68.3





#49

1,4-Dioxane

Concen: 368.299 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

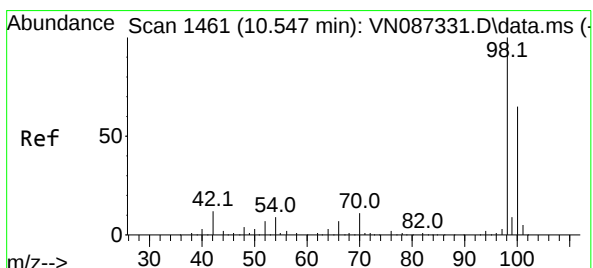
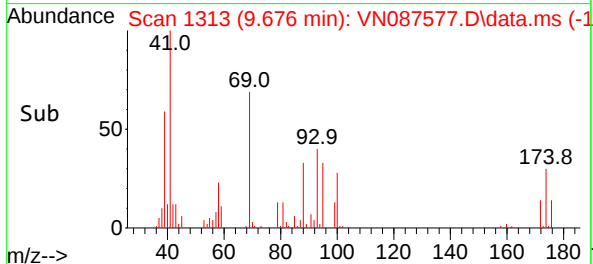
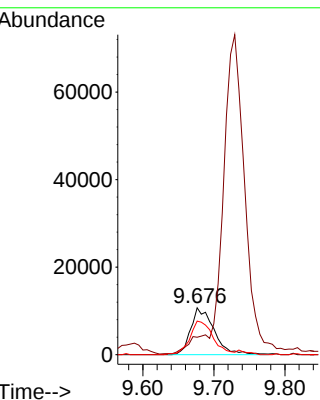
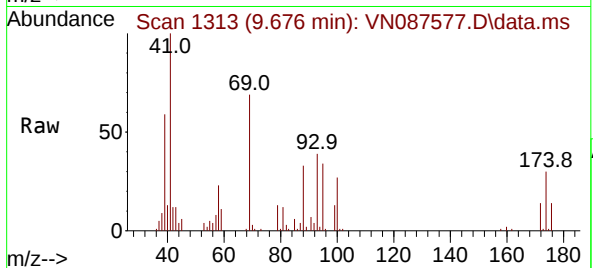
Tgt Ion: 88 Resp: 24503

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.4 61.1 91.7



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087577.D

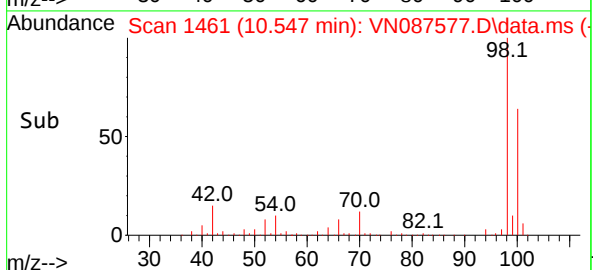
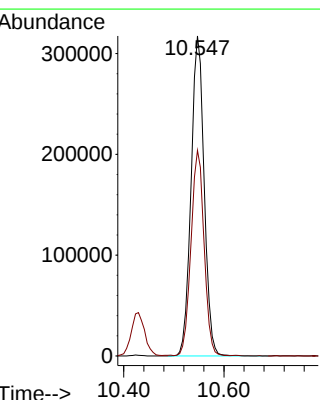
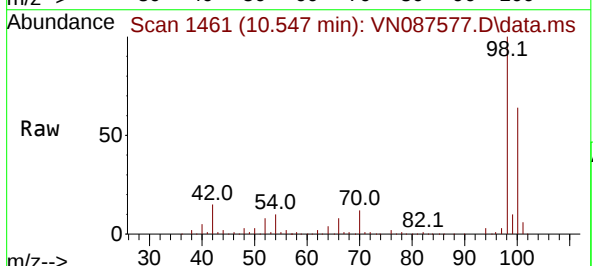
Acq: 15 Aug 2025 13:31

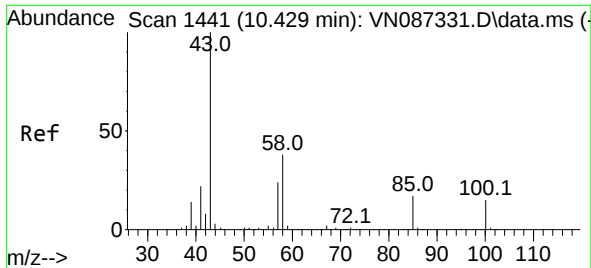
Tgt Ion: 98 Resp: 575905

Ion Ratio Lower Upper

98 100

100 63.9 52.1 78.1

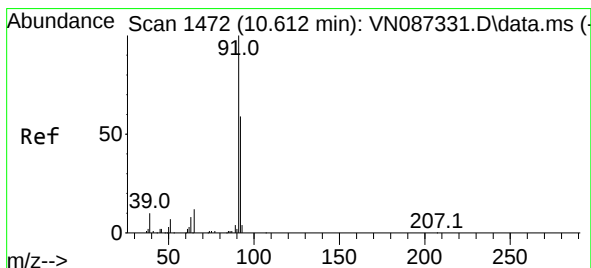
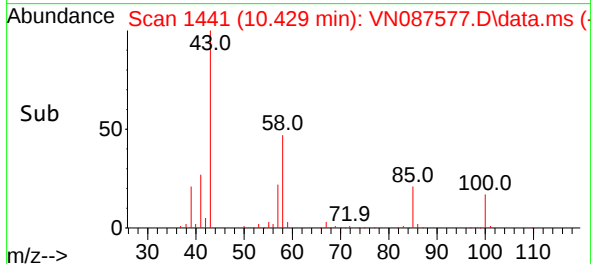
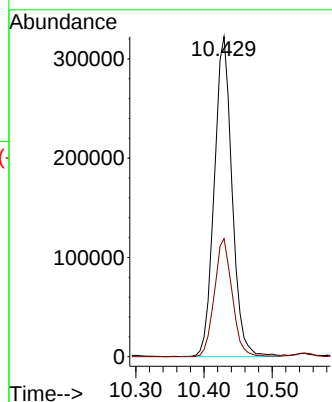
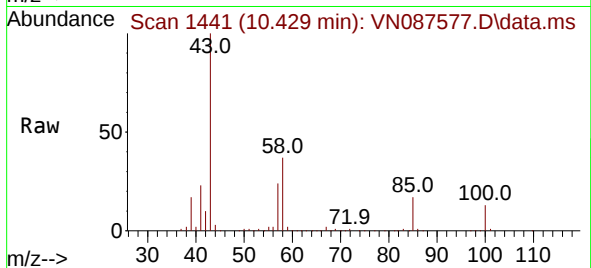




#51
4-Methyl-2-Pentanone
Concen: 95.857 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

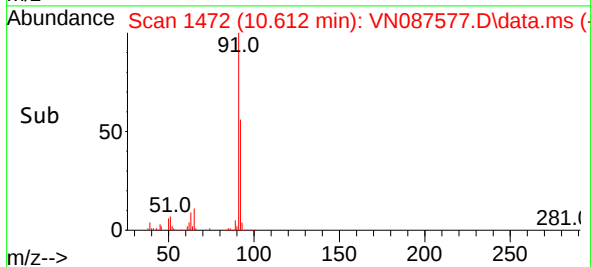
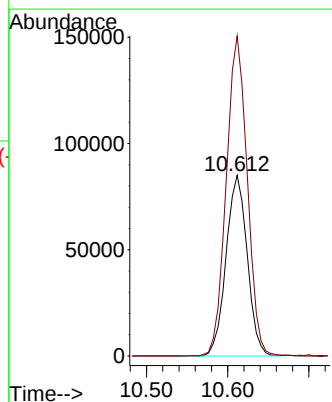
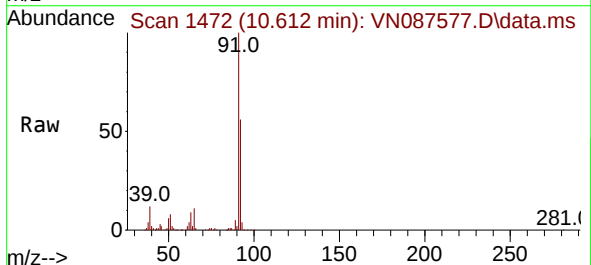
Instrument :
MSVOA_N
ClientSampleId :

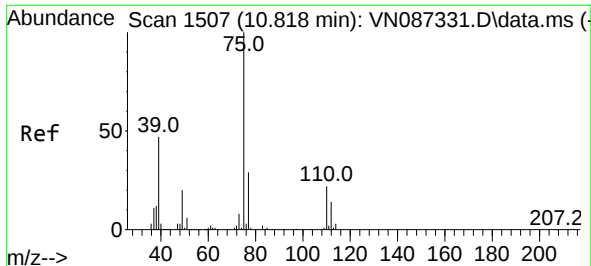
Tgt Ion: 43 Resp: 584983
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2



#52
Toluene
Concen: 18.196 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 92 Resp: 153839
Ion Ratio Lower Upper
92 100
91 176.0 135.1 202.7

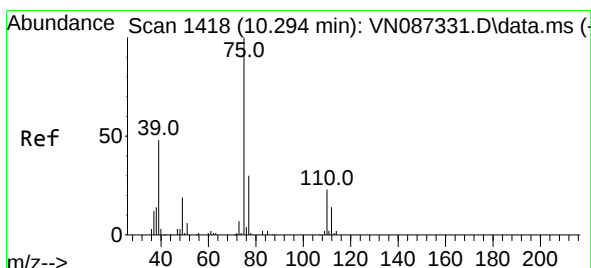
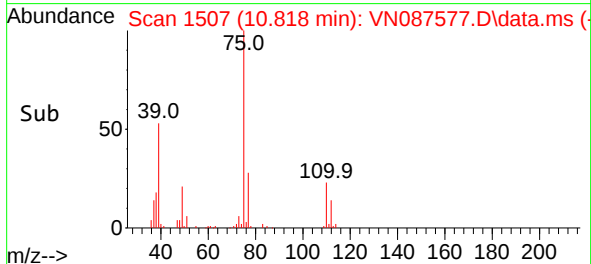
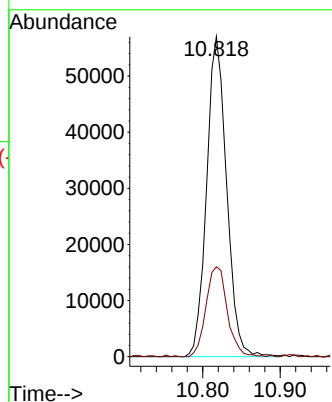
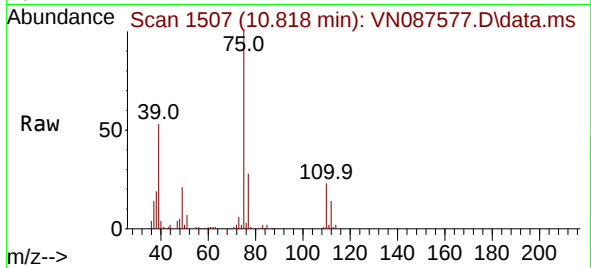




#53
t-1,3-Dichloropropene
Concen: 18.995 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

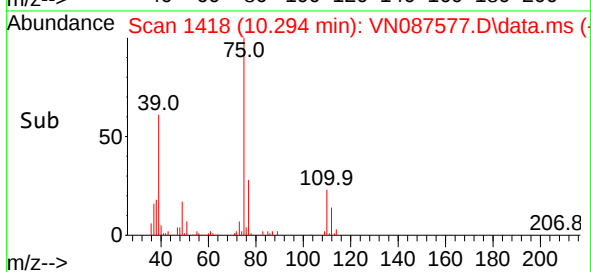
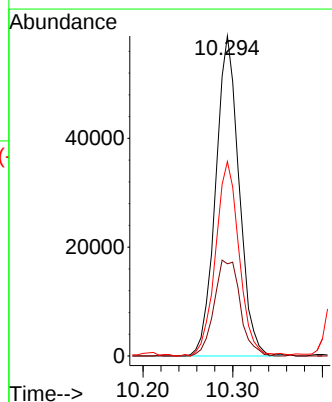
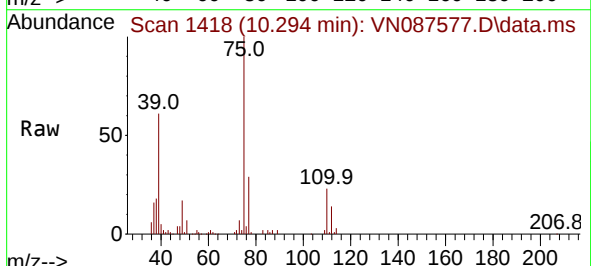
Instrument :
MSVOA_N
ClientSampleId :

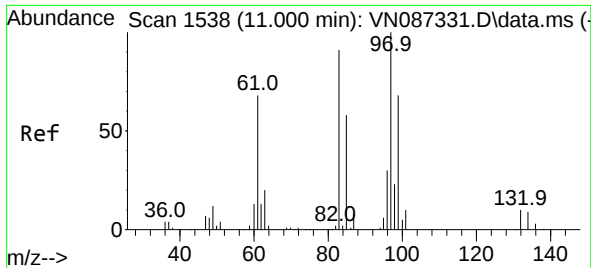
Tgt Ion: 75 Resp: 102468
Ion Ratio Lower Upper
75 100
77 28.1 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 19.081 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 75 Resp: 106321
Ion Ratio Lower Upper
75 100
77 28.8 24.2 36.2
39 60.8 38.4 57.6#



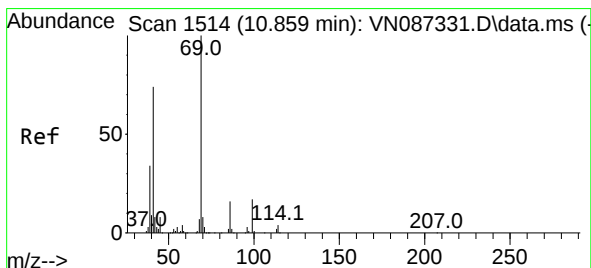
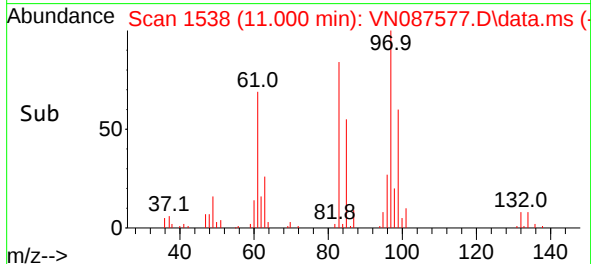
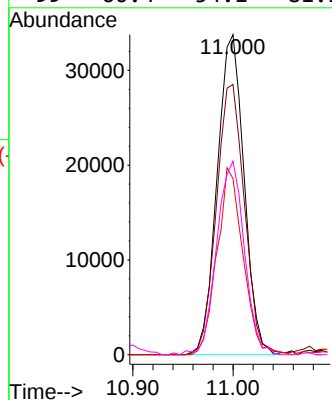
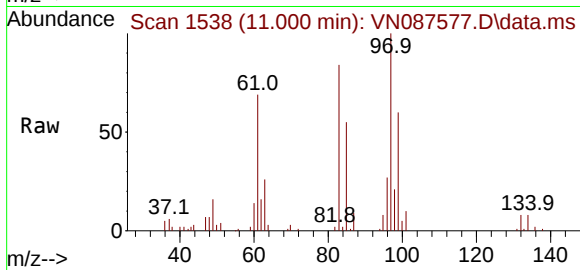


#55
 1,1,2-Trichloroethane
 Concen: 18.354 ug/l
 RT: 11.000 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 97 Resp: 62824

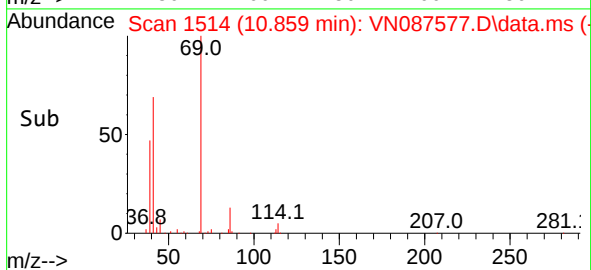
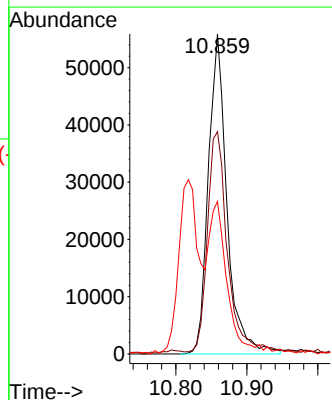
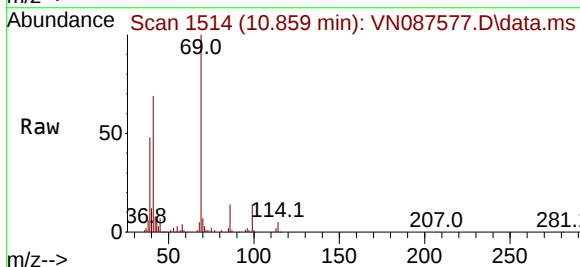
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.6	109.0
85	55.0	46.7	70.1
99	60.4	54.1	81.1

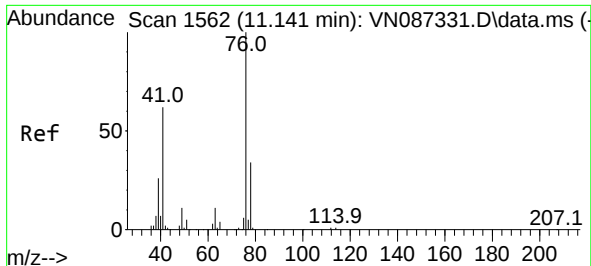


#56
 Ethyl methacrylate
 Concen: 18.432 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion: 69 Resp: 101578

Ion	Ratio	Lower	Upper
69	100		
41	75.6	55.1	82.7
39	44.1	27.9	41.9





#57

1,3-Dichloropropane

Concen: 18.859 ug/l

RT: 11.147 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

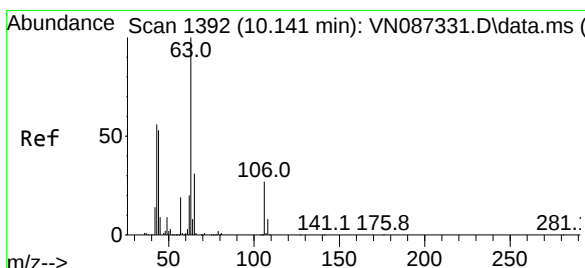
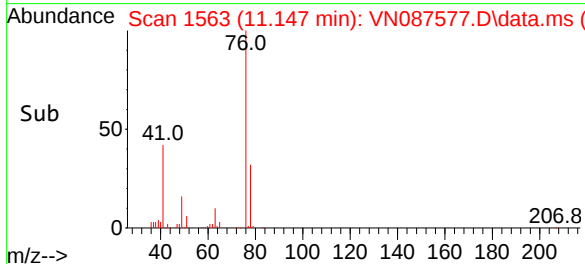
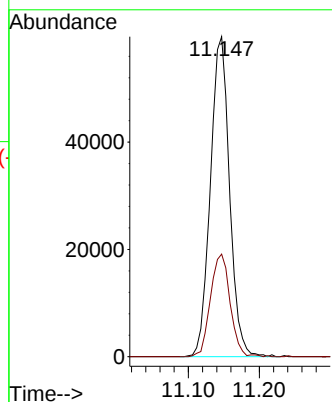
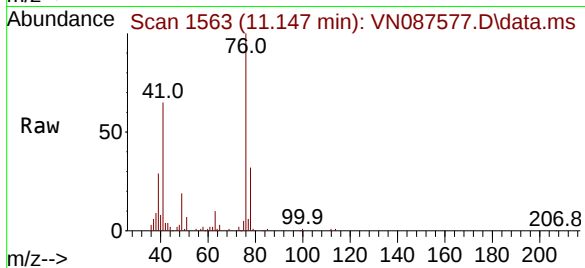
ClientSampleId :

Tgt Ion: 76 Resp: 111611

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 121.136 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087577.D

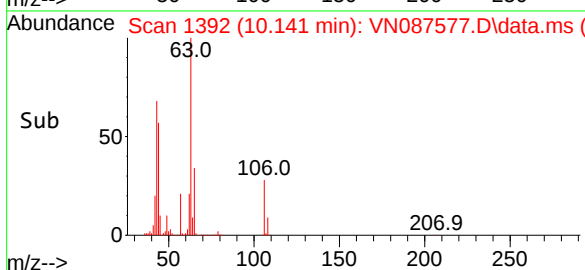
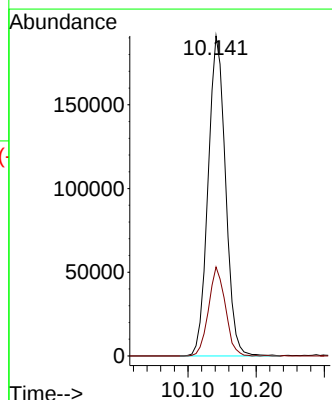
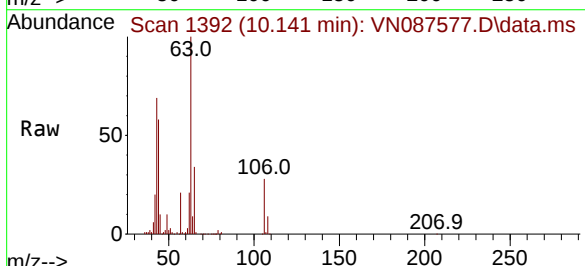
Acq: 15 Aug 2025 13:31

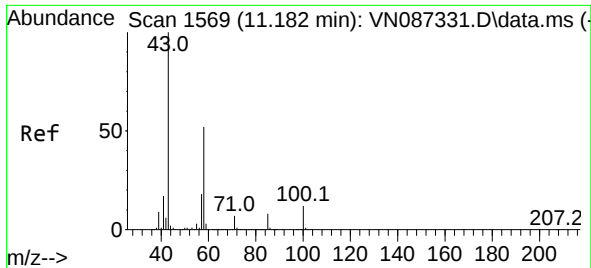
Tgt Ion: 63 Resp: 340132

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

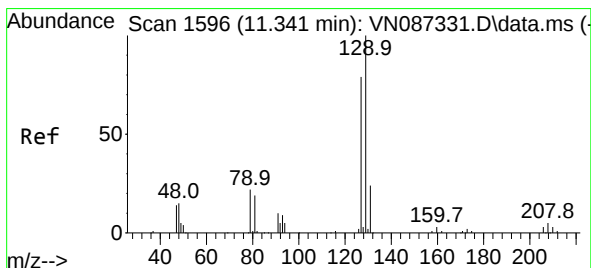
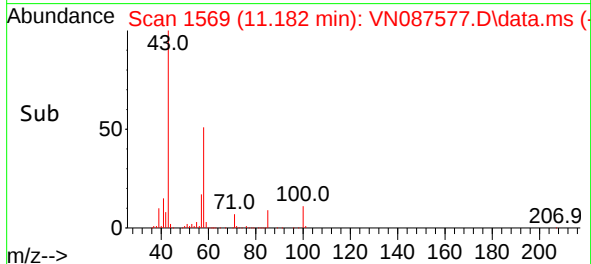
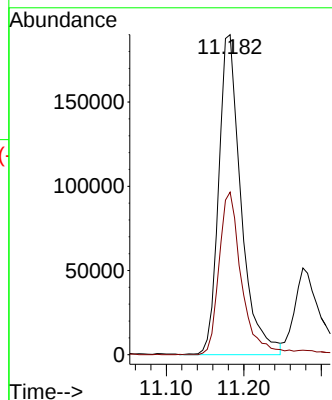
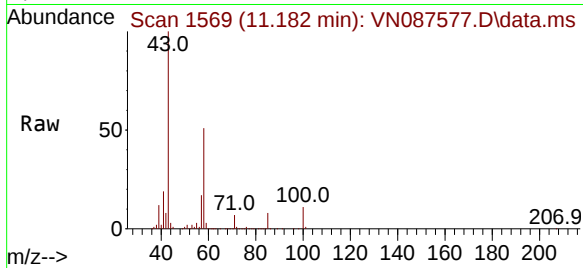




#59
2-Hexanone
Concen: 94.266 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

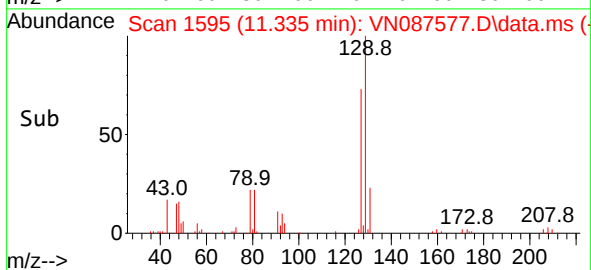
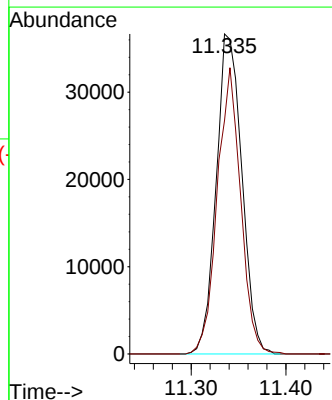
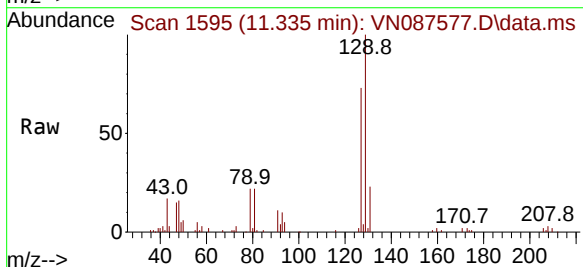
Instrument :
MSVOA_N
ClientSampleId :

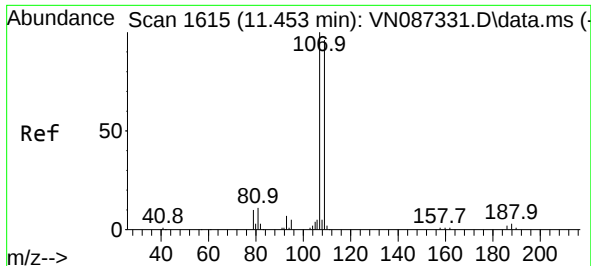
Tgt Ion: 43 Resp: 381671
Ion Ratio Lower Upper
43 100
58 51.2 26.7 80.0



#60
Dibromochloromethane
Concen: 17.693 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:129 Resp: 69066
Ion Ratio Lower Upper
129 100
127 81.6 39.1 117.5

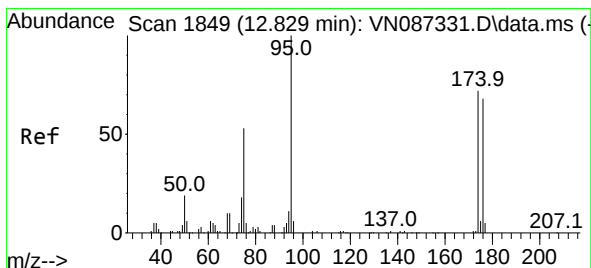
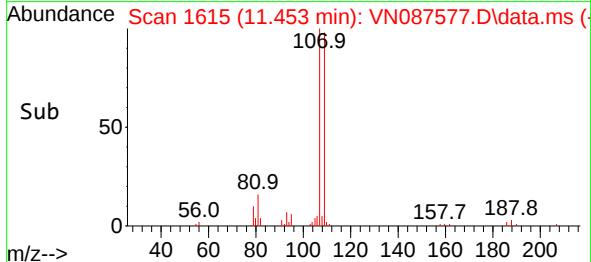
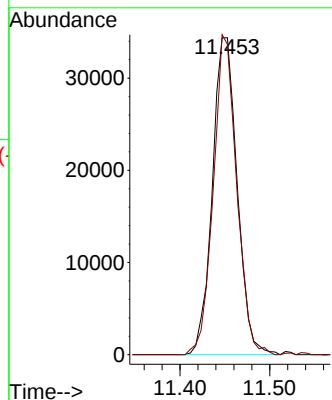
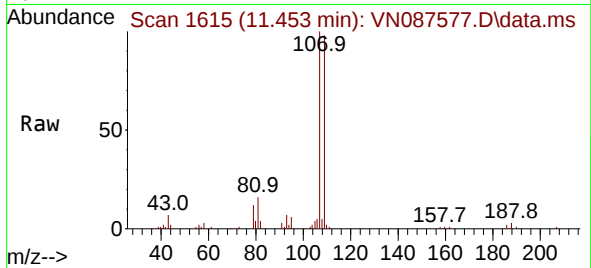




#61
1,2-Dibromoethane
Concen: 18.351 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

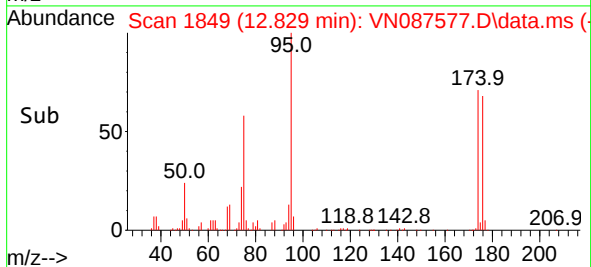
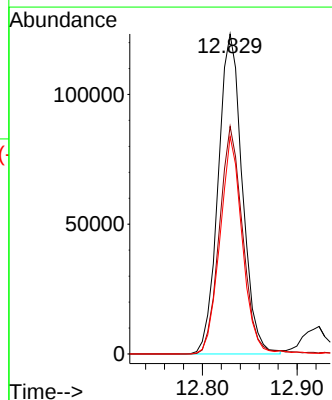
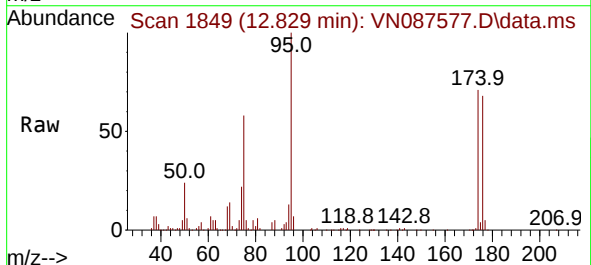
Instrument :
MSVOA_N
ClientSampleId :

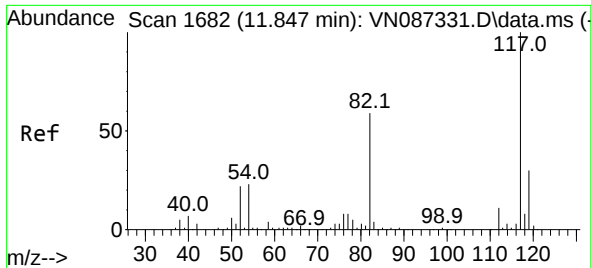
Tgt Ion:107 Resp: 66044
Ion Ratio Lower Upper
107 100
109 95.1 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 95 Resp: 218277
Ion Ratio Lower Upper
95 100
174 68.9 0.0 149.4
176 63.5 0.0 141.2

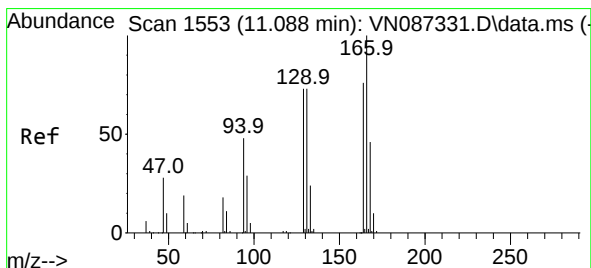
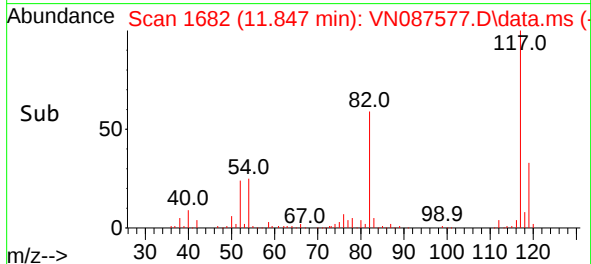
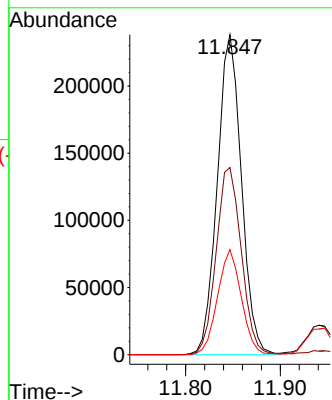
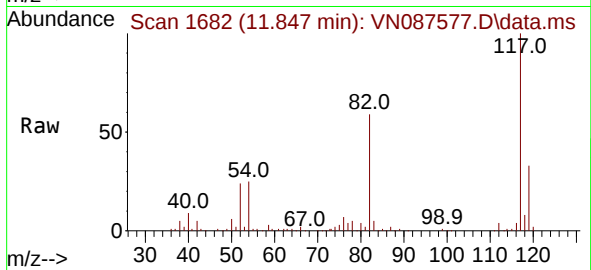




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

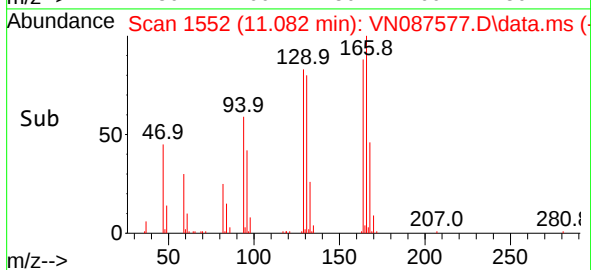
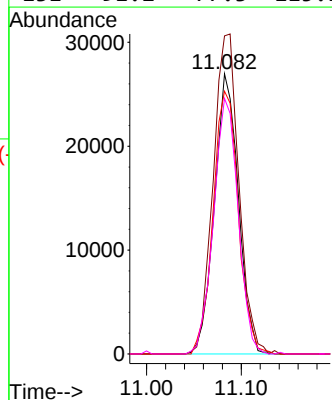
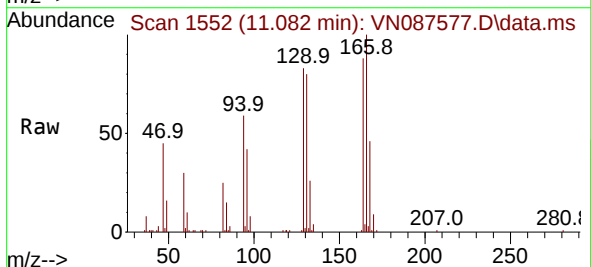
Instrument :
MSVOA_N
ClientSampleId :

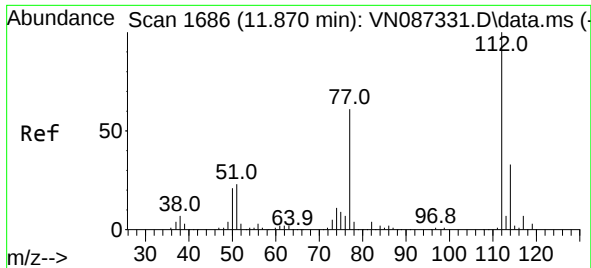
Tgt Ion:117 Resp: 422726
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.8 23.8 35.8



#64
Tetrachloroethene
Concen: 17.445 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:164 Resp: 47462
Ion Ratio Lower Upper
164 100
166 113.5 105.5 158.3
129 93.7 77.4 116.2
131 91.2 77.3 115.9

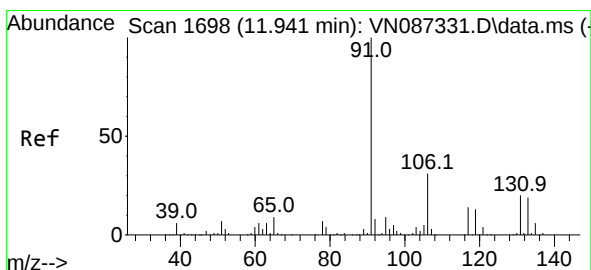
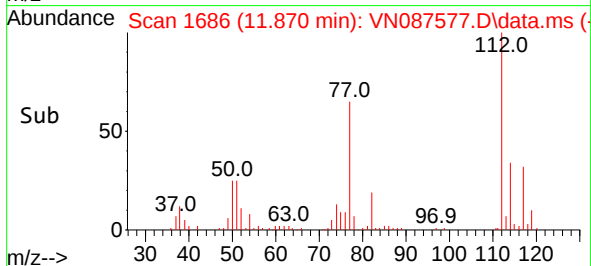
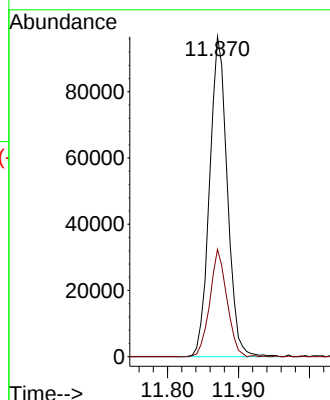
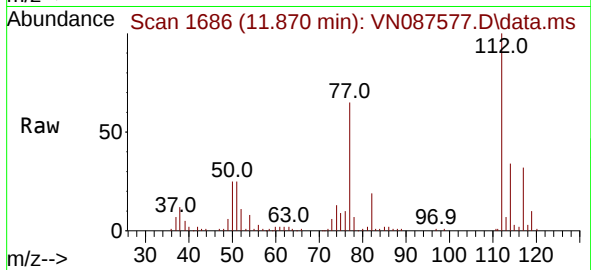




#65
Chlorobenzene
Concen: 17.675 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

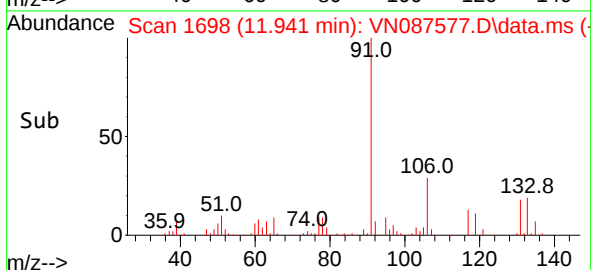
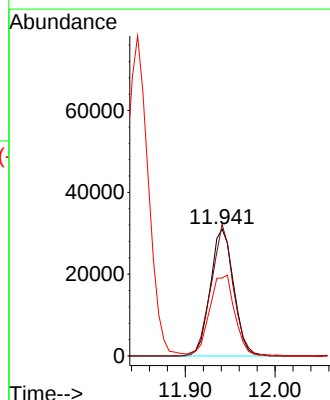
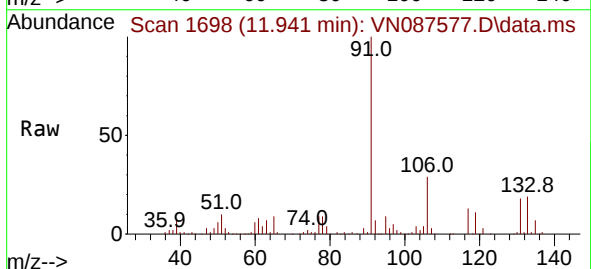
Instrument :
MSVOA_N
ClientSampleId :

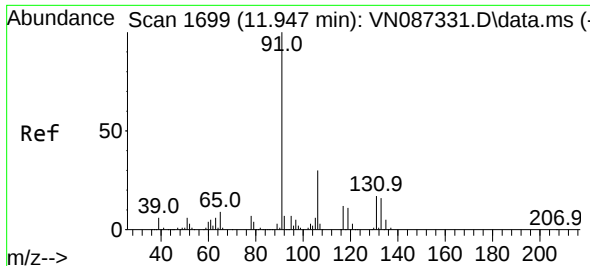
Tgt Ion:112 Resp: 167746
Ion Ratio Lower Upper
112 100
114 33.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.359 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:131 Resp: 56018
Ion Ratio Lower Upper
131 100
133 98.7 47.4 142.3
119 68.8 33.1 99.2

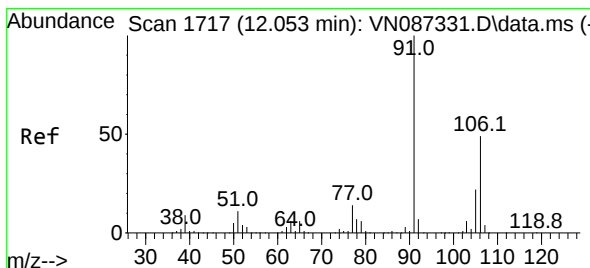
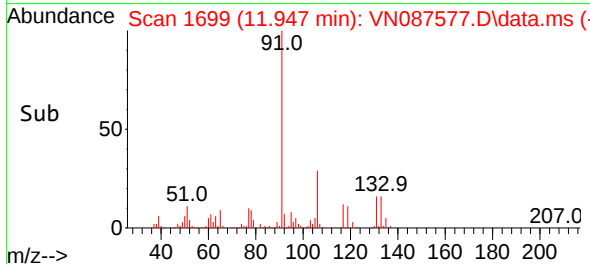
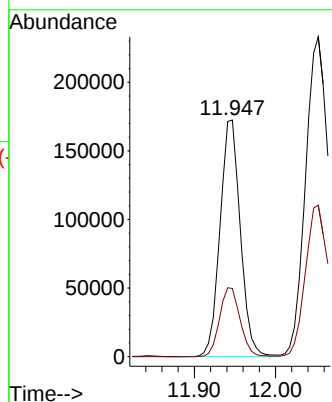
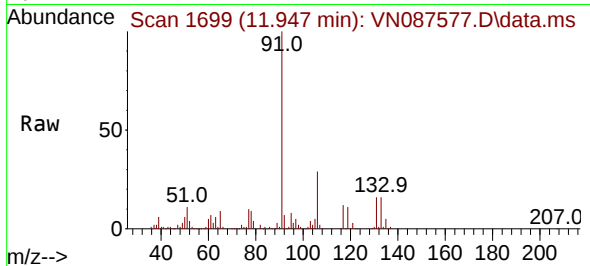




#67
Ethyl Benzene
Concen: 19.287 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

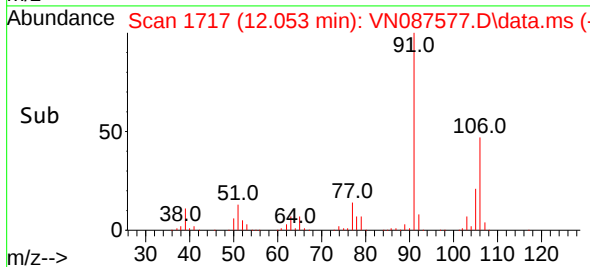
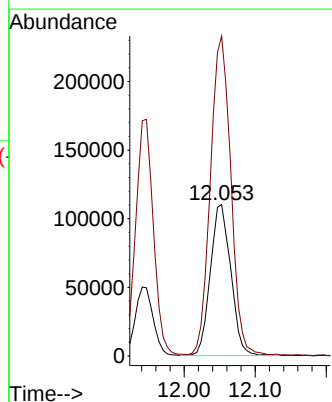
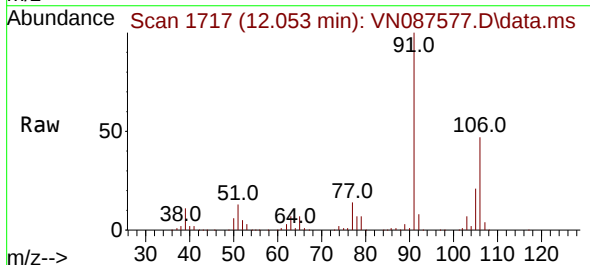
Instrument :
MSVOA_N
ClientSampleId :

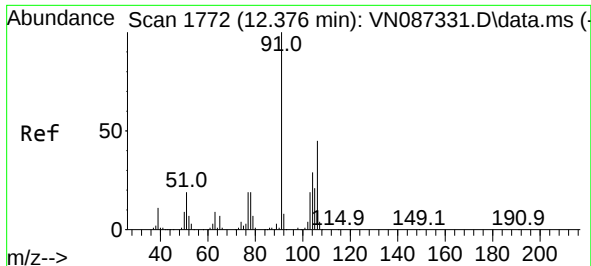
Tgt Ion: 91 Resp: 301331
Ion Ratio Lower Upper
91 100
106 28.8 24.3 36.5



#68
m/p-Xylenes
Concen: 37.620 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:106 Resp: 220097
Ion Ratio Lower Upper
106 100
91 211.5 162.0 243.0

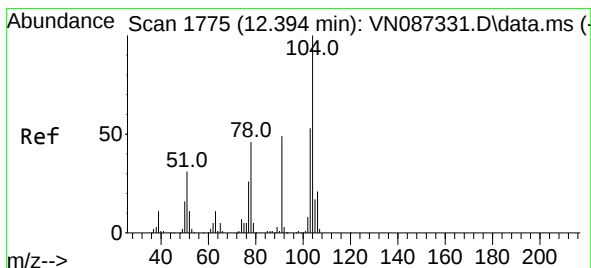
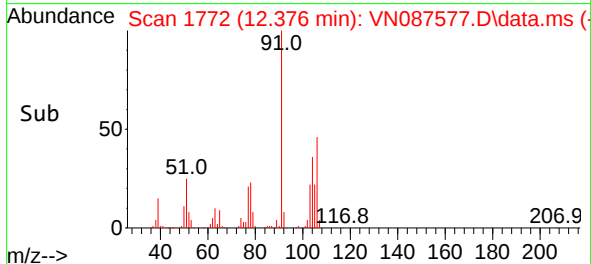
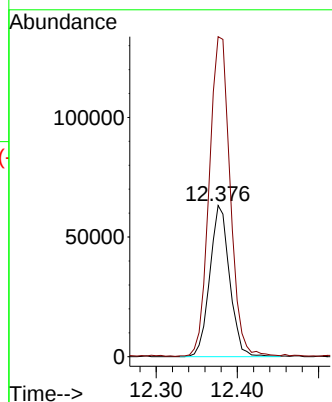
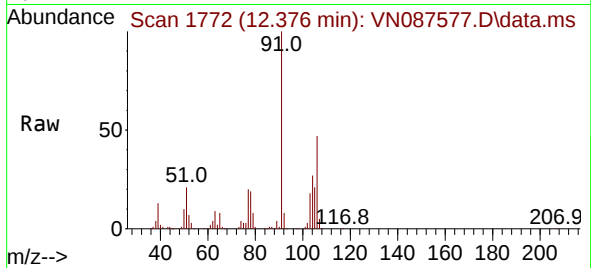




#69
o-Xylene
Concen: 19.171 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

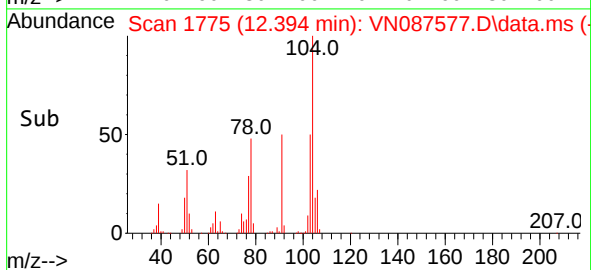
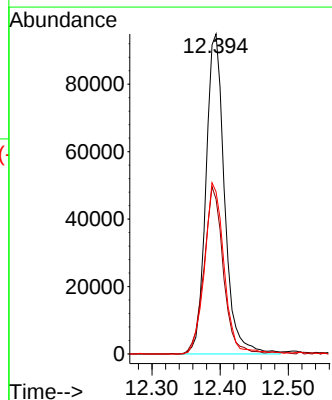
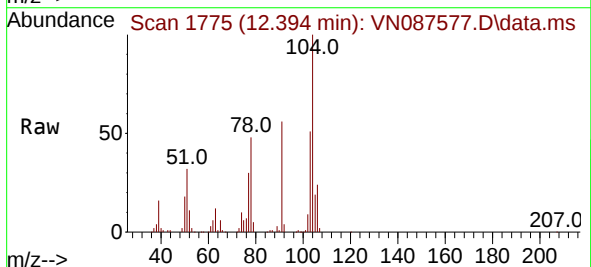
Instrument :
MSVOA_N
ClientSampleId :

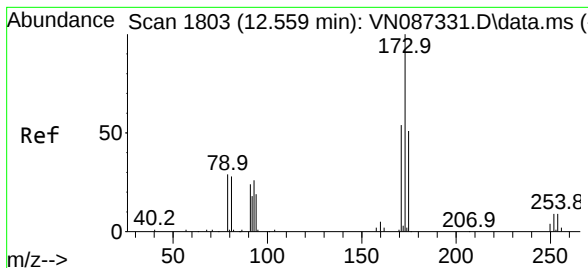
Tgt Ion:106 Resp: 107136
Ion Ratio Lower Upper
106 100
91 223.2 107.7 323.3



#70
Styrene
Concen: 19.205 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion:104 Resp: 180552
Ion Ratio Lower Upper
104 100
78 54.0 41.0 61.6
103 56.1 43.9 65.9





#71

Bromoform

Concen: 16.233 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087577.D

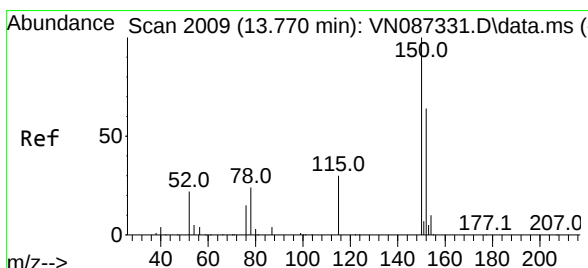
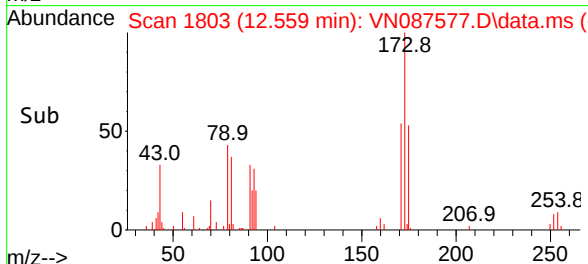
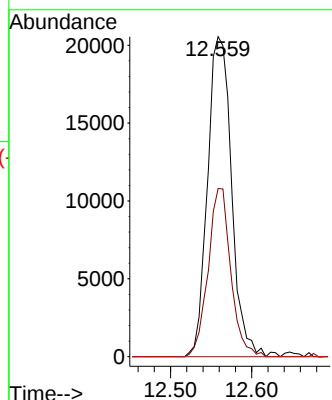
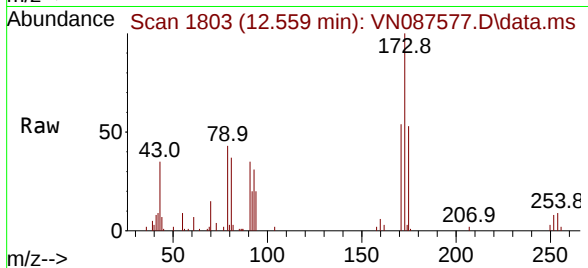
Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	42321
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.1 72.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

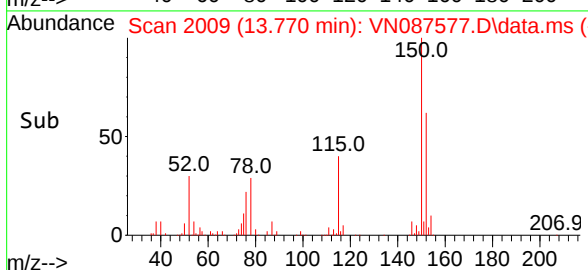
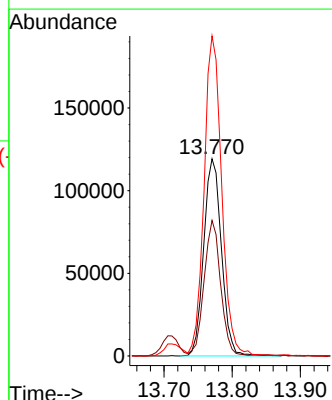
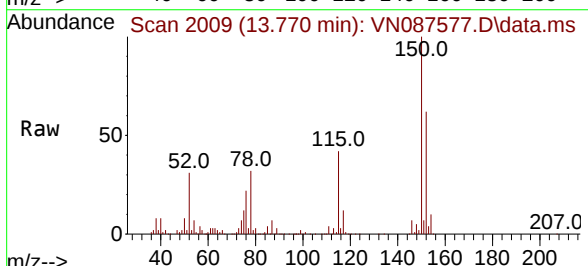
RT: 13.770 min Scan# 2009

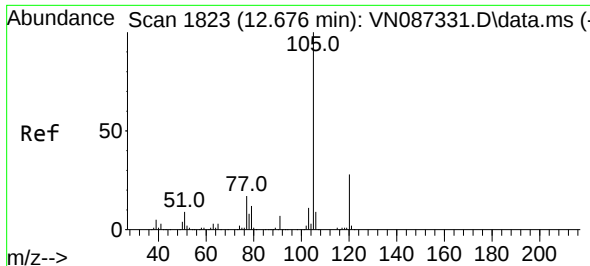
Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Tgt Ion:152	Resp:	215572
Ion Ratio	Lower	Upper
152	100	
115	63.3	31.1 93.5
150	161.0	0.0 349.0

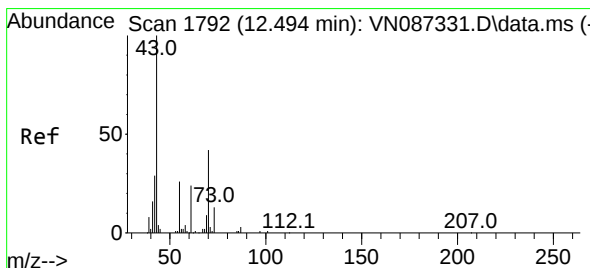
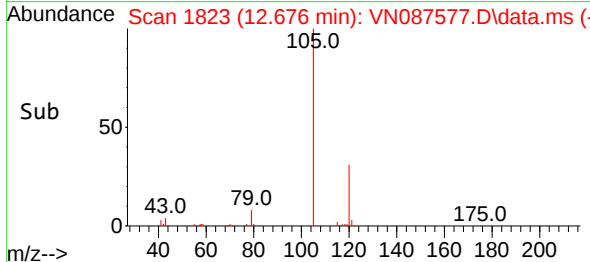
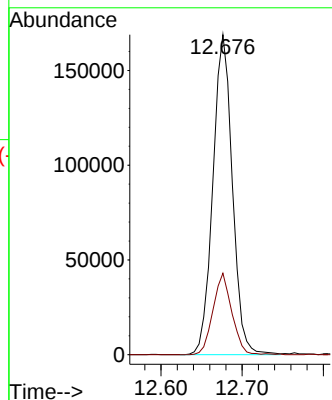
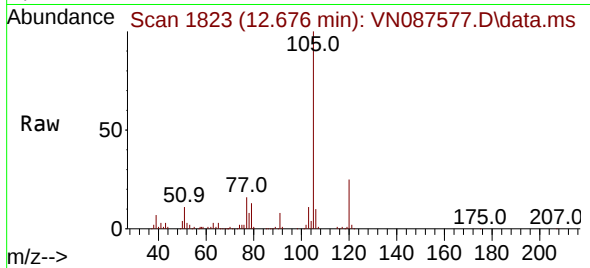




#73
Isopropylbenzene
Concen: 20.773 ug/l
RT: 12.676 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

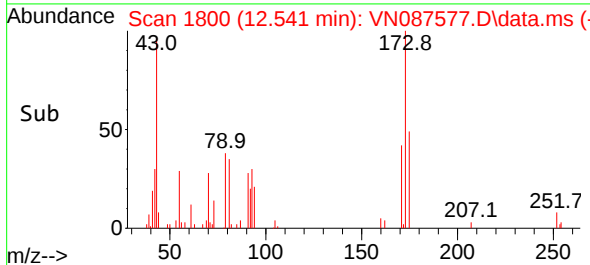
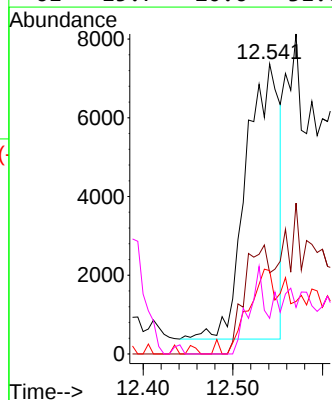
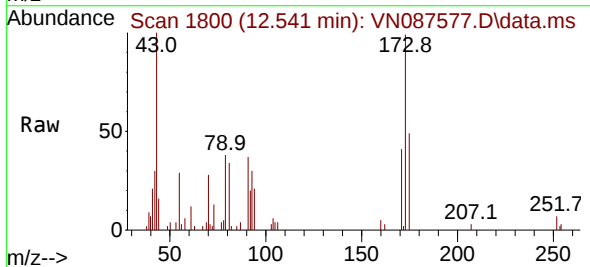
Instrument :
MSVOA_N
ClientSampleId :

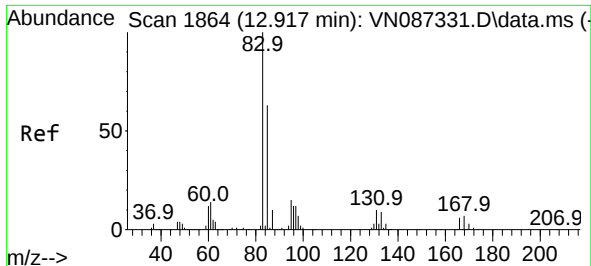
Tgt Ion:105 Resp: 281846
Ion Ratio Lower Upper
105 100
120 24.6 13.4 40.1



#74
N-ethyl acetate
Concen: 3.209 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.047 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 43 Resp: 18090
Ion Ratio Lower Upper
43 100
70 29.6 37.6 56.4#
55 26.1 19.6 29.4
61 15.7 20.6 31.0#

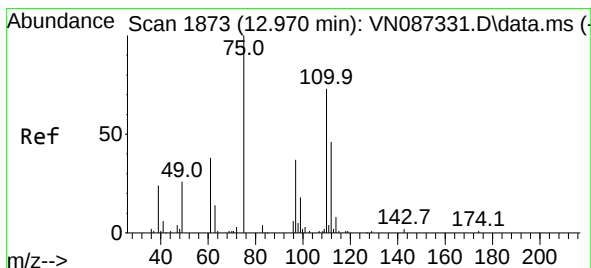
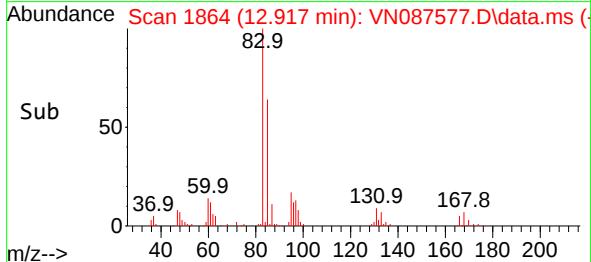
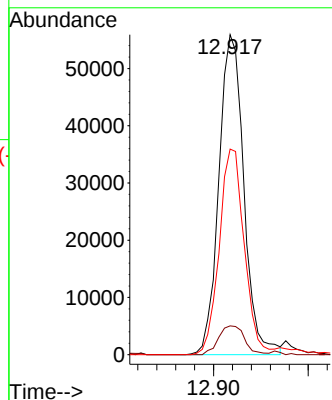
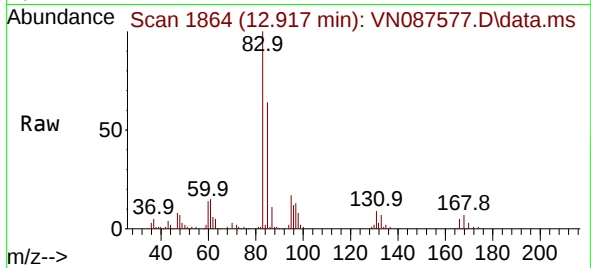




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.038 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

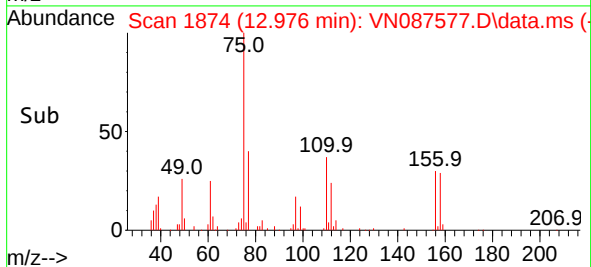
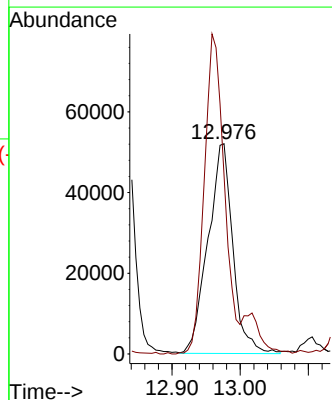
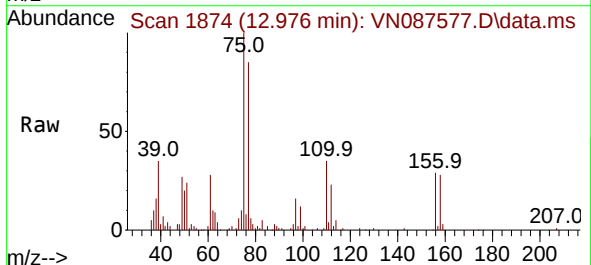
Instrument :
 MSVOA_N
 ClientSampleId :

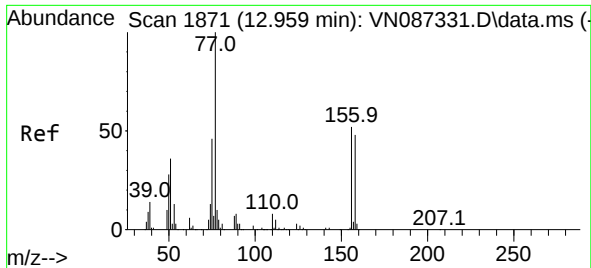
Tgt Ion: 83 Resp: 102300
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 64.5 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 27.270 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion: 75 Resp: 131822
 Ion Ratio Lower Upper
 75 100
 77 123.5 94.5 283.6

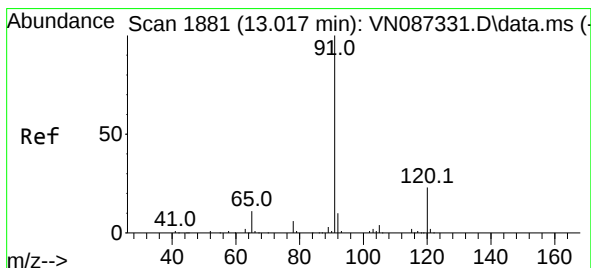
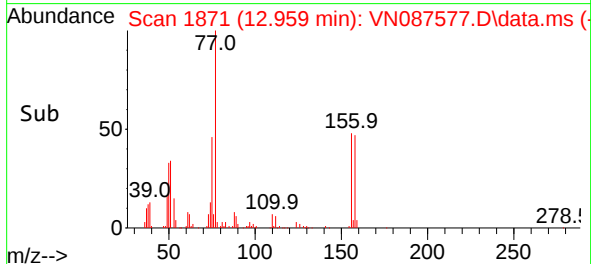
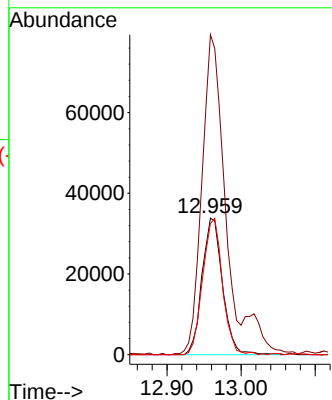
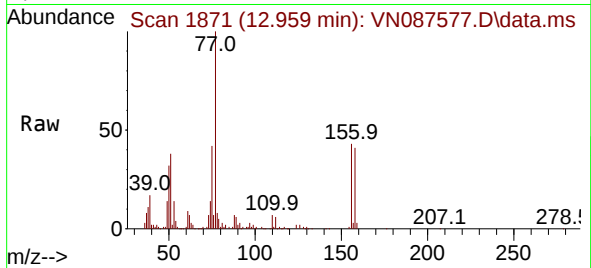




#77
Bromobenzene
Concen: 18.453 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

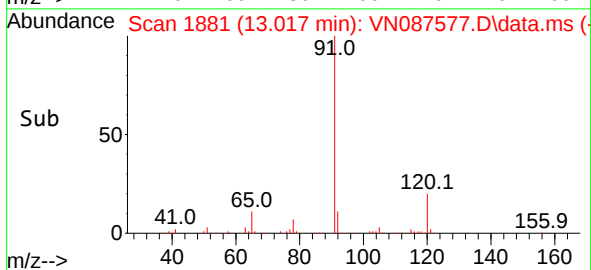
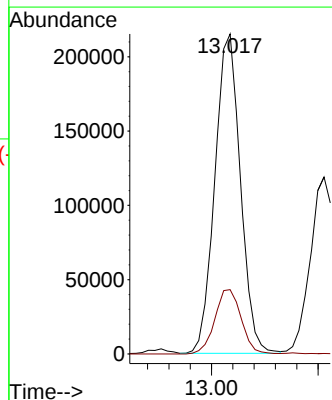
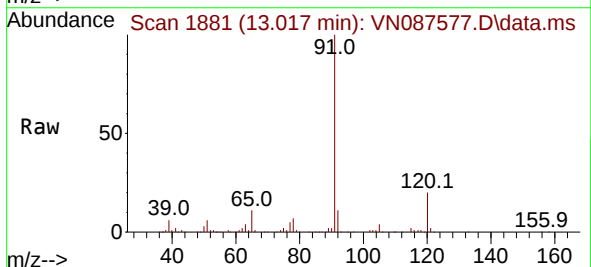
Instrument :
MSVOA_N
ClientSampleId :

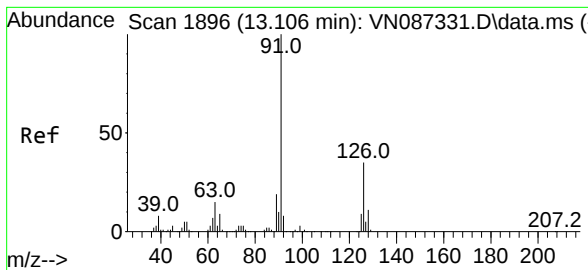
Tgt Ion:156 Resp: 64929
Ion Ratio Lower Upper
156 100
77 250.7 114.9 344.6
158 96.2 48.5 145.5



#78
n-propylbenzene
Concen: 20.918 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 91 Resp: 357079
Ion Ratio Lower Upper
91 100
120 20.8 11.3 33.8

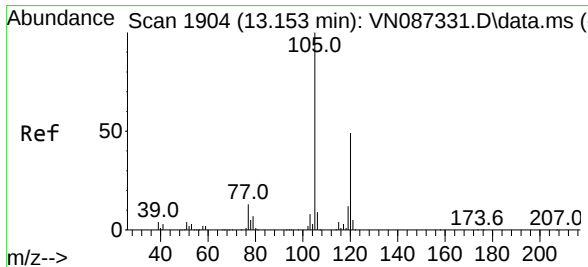
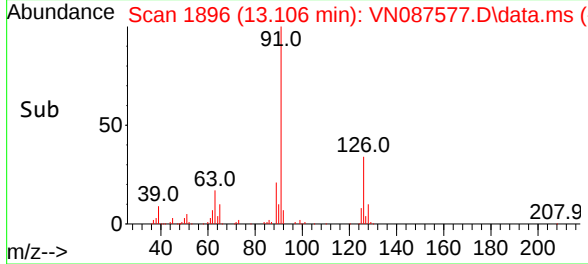
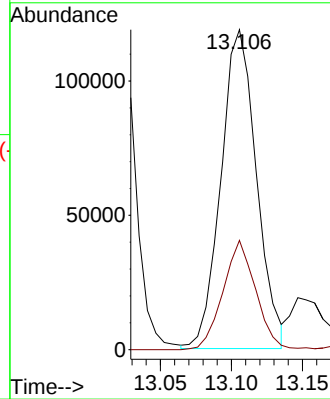
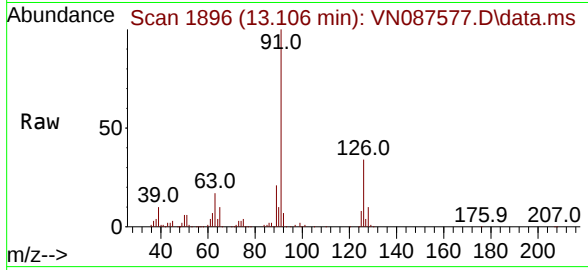




#79
2-Chlorotoluene
Concen: 19.700 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

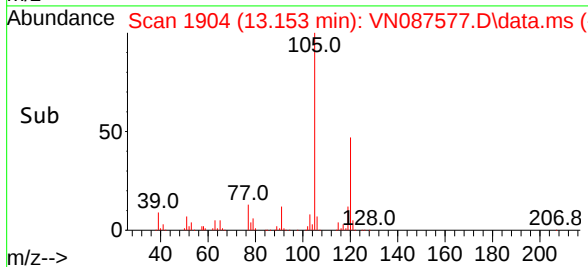
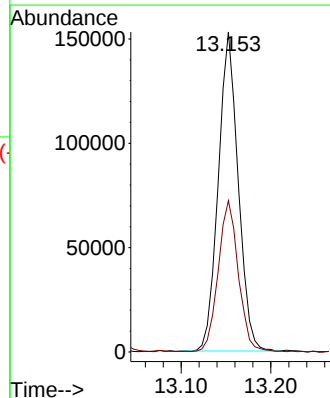
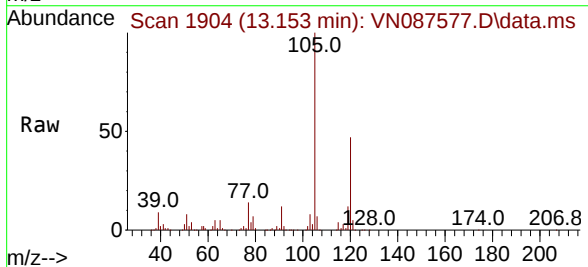
Instrument :
MSVOA_N
ClientSampleId :

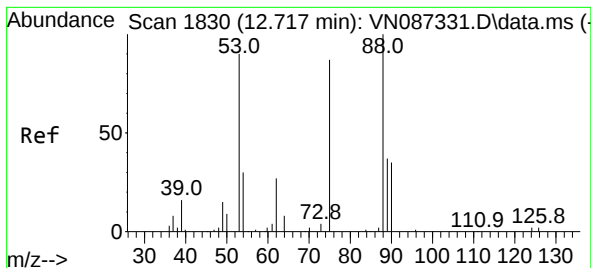
Tgt Ion: 91 Resp: 206673
Ion Ratio Lower Upper
91 100
126 31.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.309 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 105 Resp: 234768
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

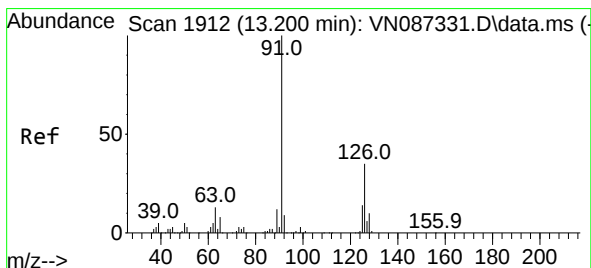
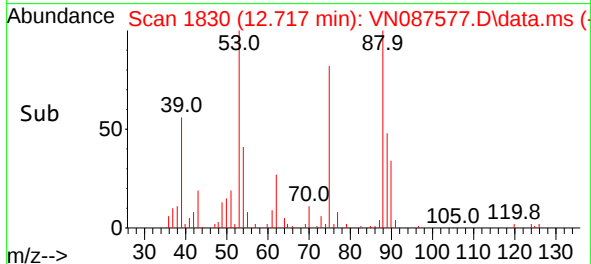
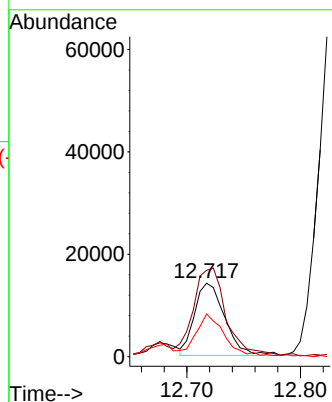
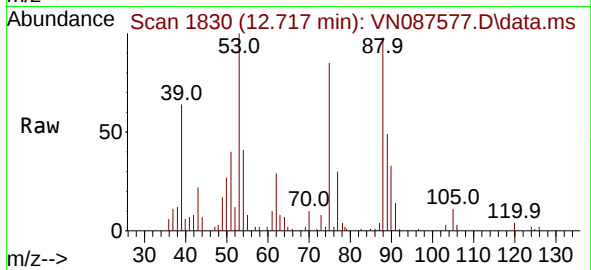




#81
trans-1,4-Dichloro-2-butene
Concen: 14.793 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

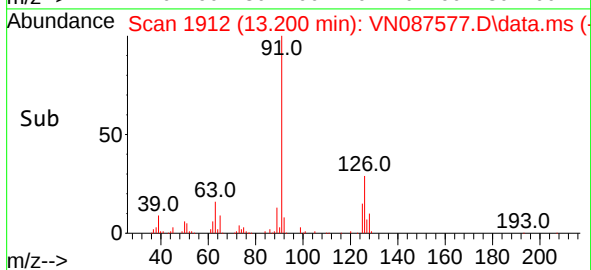
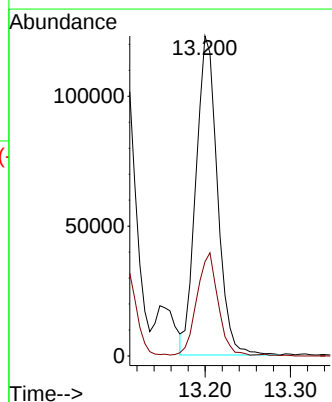
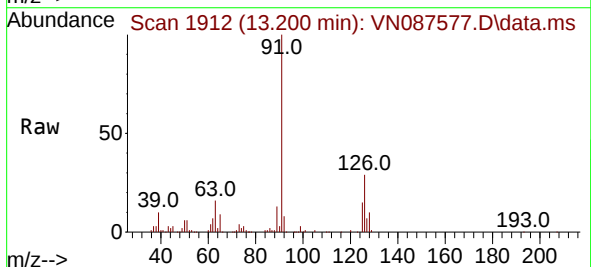
Instrument :
MSVOA_N
ClientSampleId :

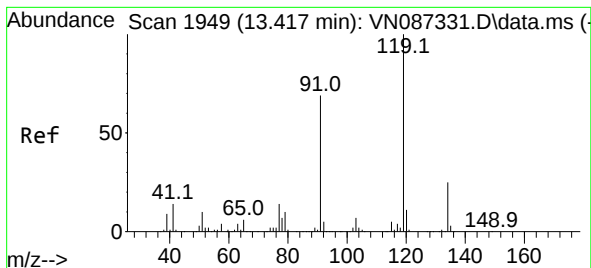
Tgt Ion: 75 Resp: 26135
Ion Ratio Lower Upper
75 100
53 130.1 83.5 125.3#
89 51.7 38.4 57.6



#82
4-Chlorotoluene
Concen: 19.695 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

Tgt Ion: 91 Resp: 215120
Ion Ratio Lower Upper
91 100
126 31.5 16.6 49.7





#83

tert-Butylbenzene

Concen: 20.678 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

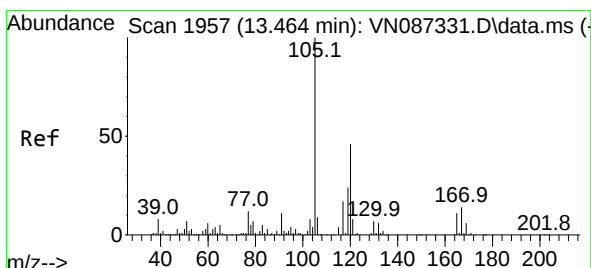
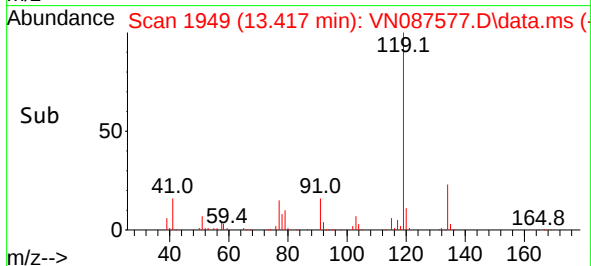
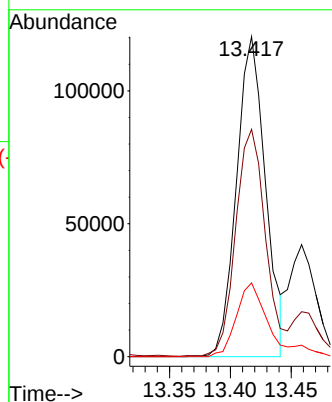
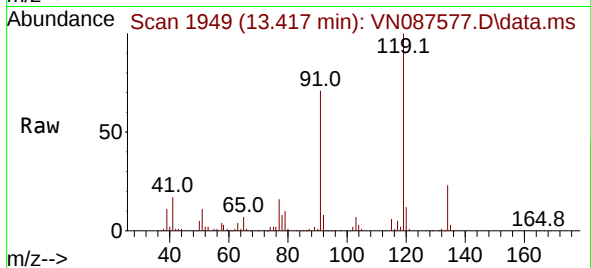
Tgt Ion:119 Resp: 199646

Ion Ratio Lower Upper

119 100

91 73.3 35.0 105.1

134 26.1 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 20.625 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087577.D

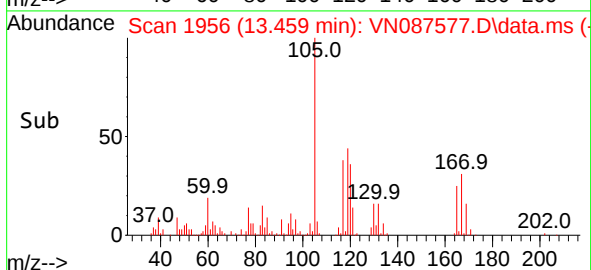
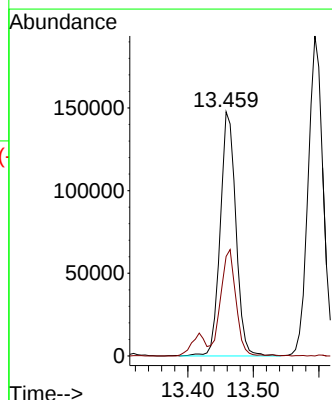
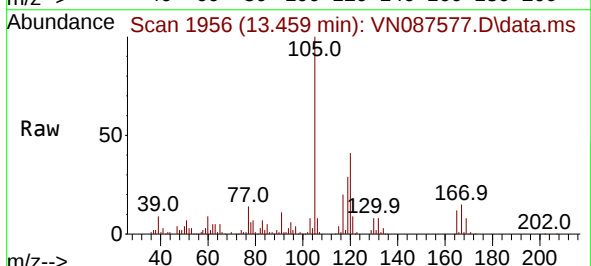
Acq: 15 Aug 2025 13:31

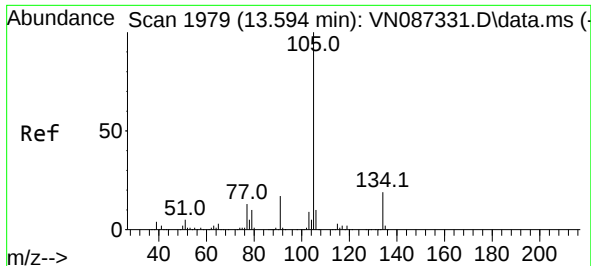
Tgt Ion:105 Resp: 243481

Ion Ratio Lower Upper

105 100

120 42.8 22.8 68.3

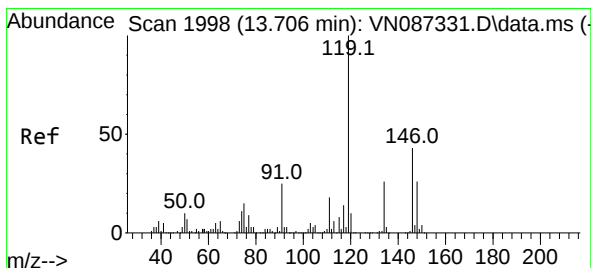
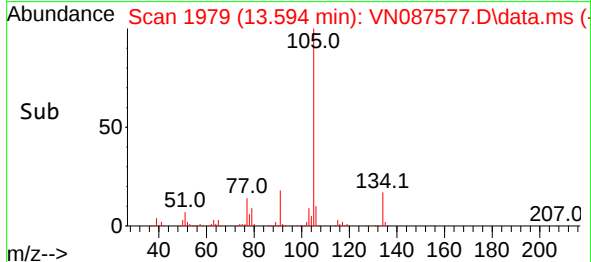
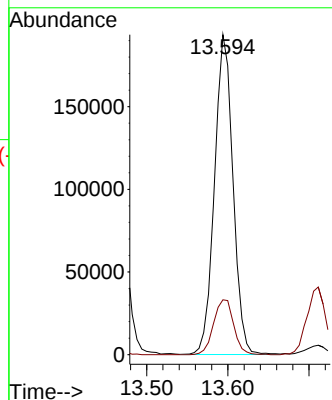
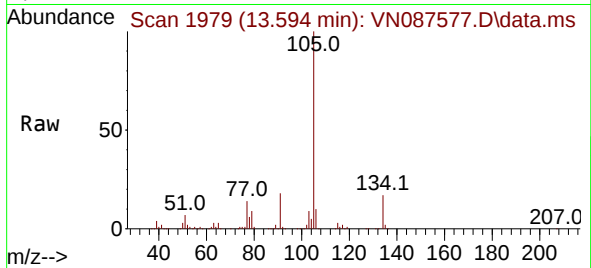




#85
 sec-Butylbenzene
 Concen: 21.064 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

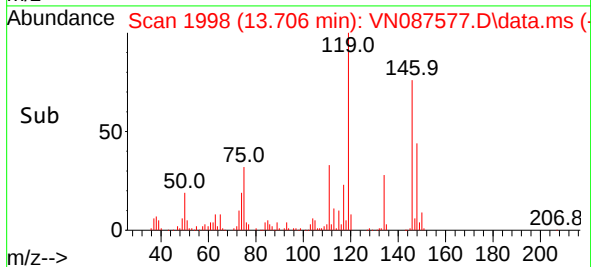
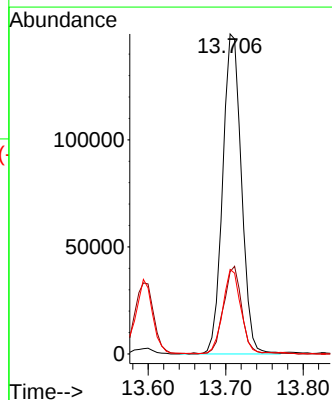
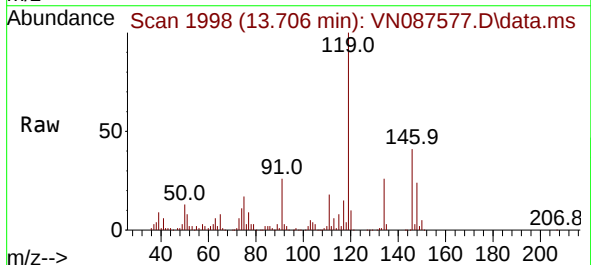
Instrument :
 MSVOA_N
 ClientSampleId :

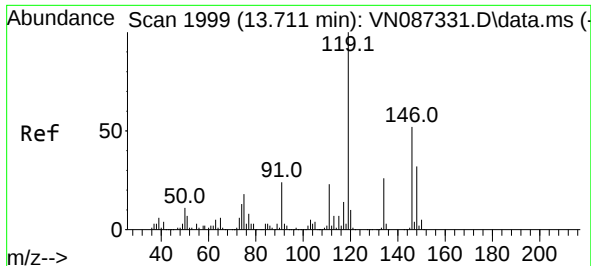
Tgt Ion:105 Resp: 306326
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.631 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion:119 Resp: 252098
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 25.3 12.2 36.6

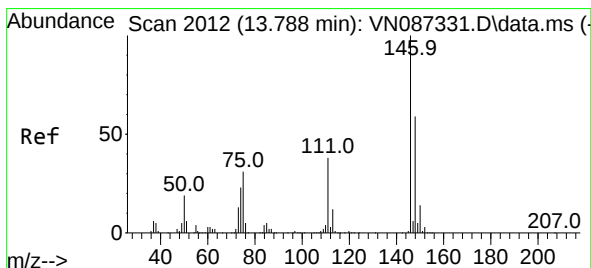
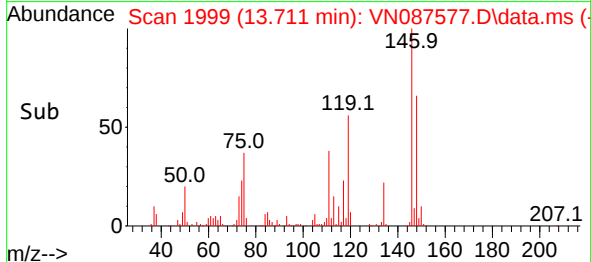
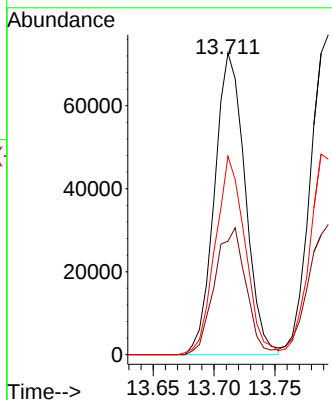
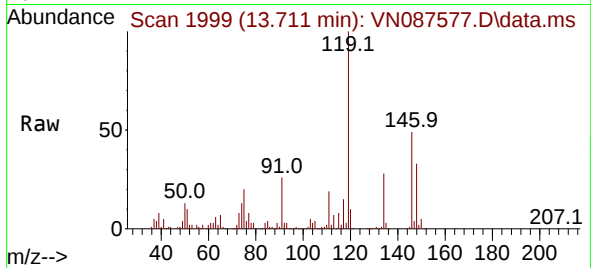




#87
 1,3-Dichlorobenzene
 Concen: 18.437 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

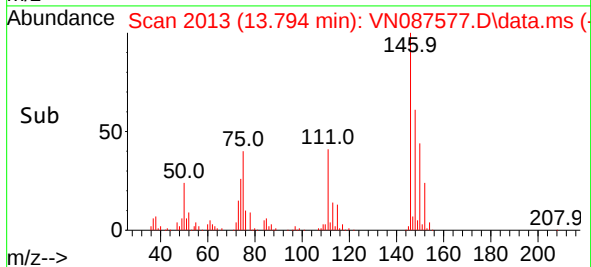
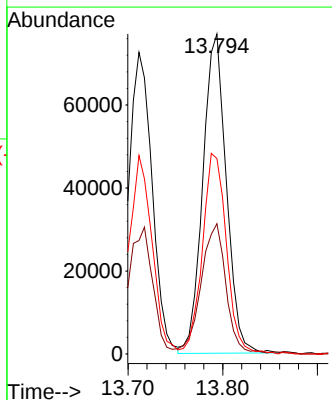
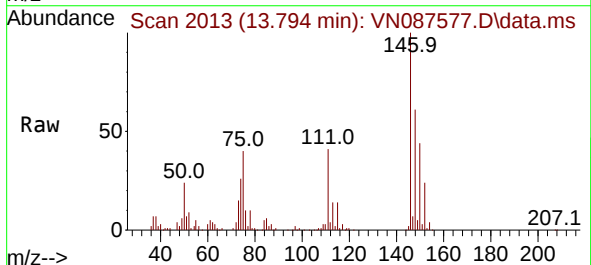
Instrument :
 MSVOA_N
 ClientSampleId :

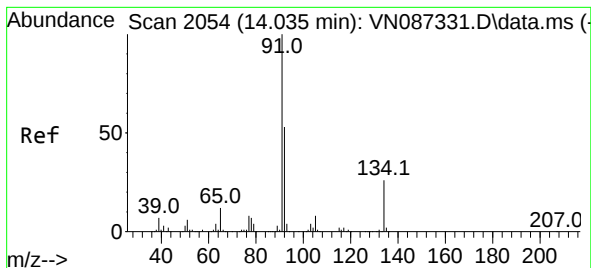
Tgt Ion:146 Resp: 127320
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 17.972 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

Tgt Ion:146 Resp: 132558
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.6 58.7
 148 64.6 31.4 94.0





#89

n-Butylbenzene

Concen: 22.792 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

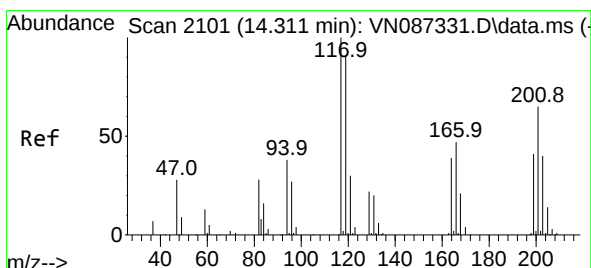
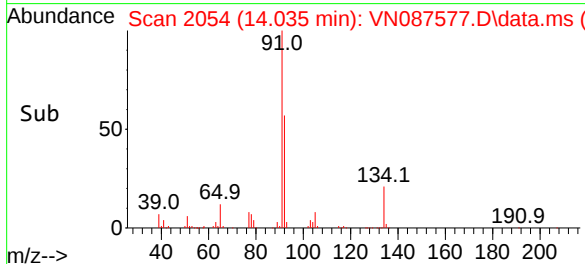
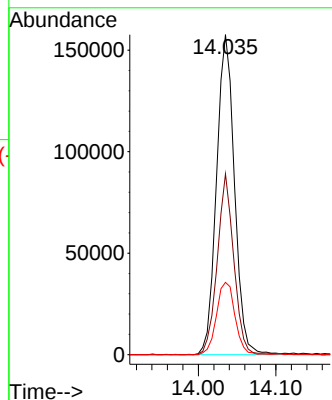
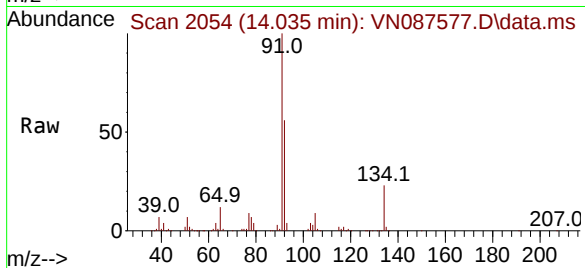
Tgt Ion: 91 Resp: 253645

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.6

134 23.4 12.4 37.2



#90

Hexachloroethane

Concen: 17.991 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087577.D

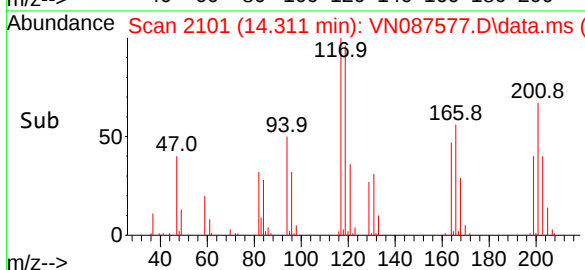
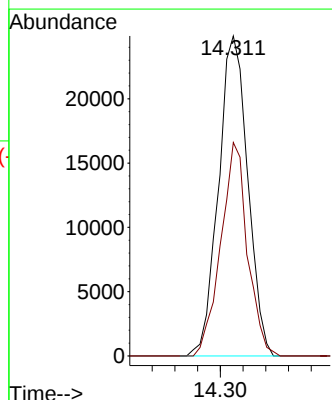
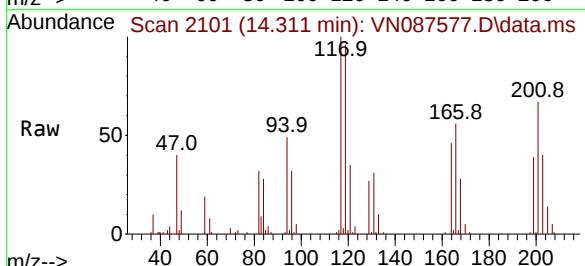
Acq: 15 Aug 2025 13:31

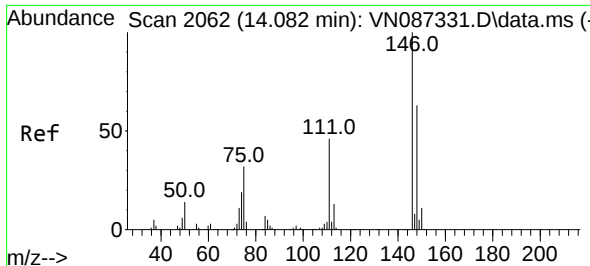
Tgt Ion: 117 Resp: 44427

Ion Ratio Lower Upper

117 100

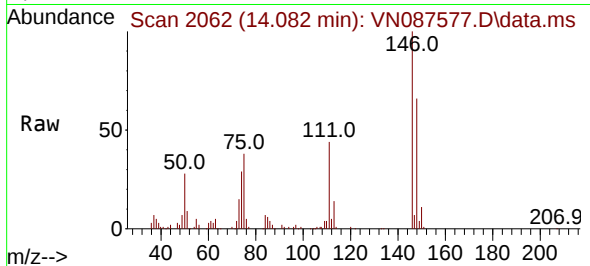
201 60.9 32.8 98.4



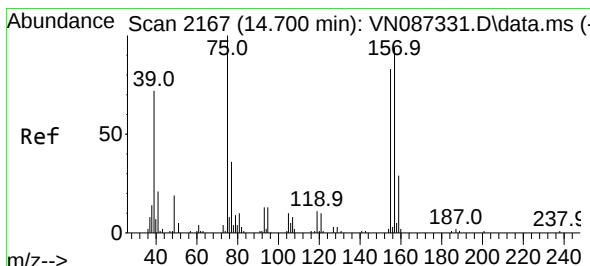
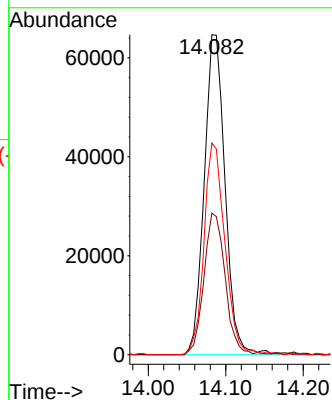
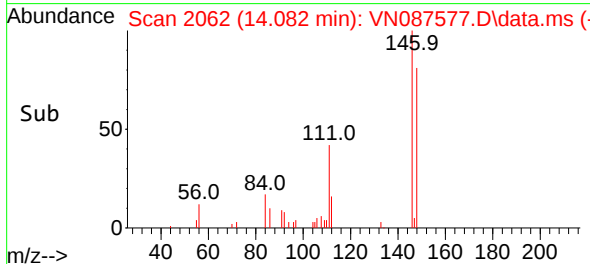


#91
1,2-Dichlorobenzene
Concen: 18.487 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31

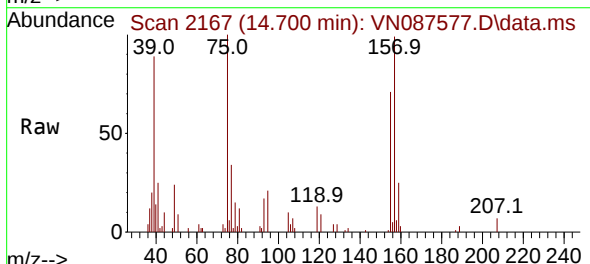
Instrument :
MSVOA_N
ClientSampleId :



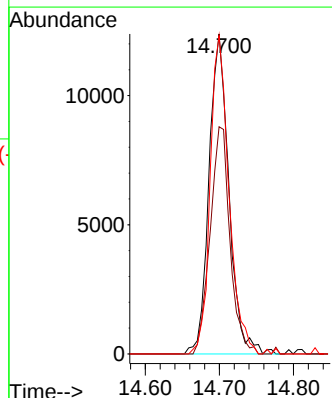
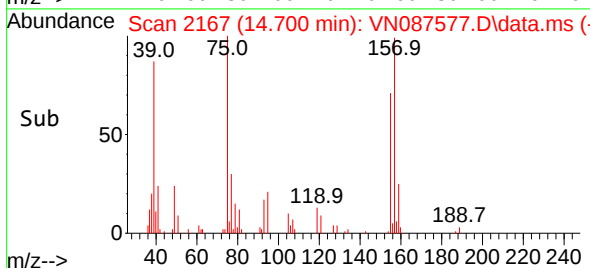
Tgt Ion:146 Resp: 120945
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 66.1 32.7 98.1

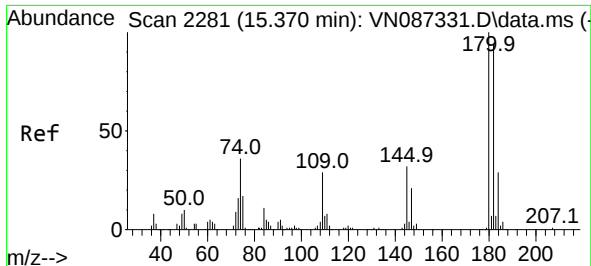


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.196 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087577.D
Acq: 15 Aug 2025 13:31



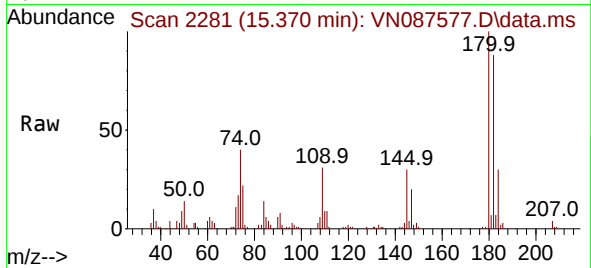
Tgt Ion: 75 Resp: 23049
Ion Ratio Lower Upper
75 100
155 71.1 37.3 111.8
157 94.3 46.2 138.6



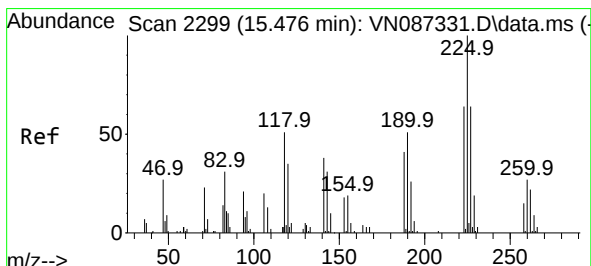
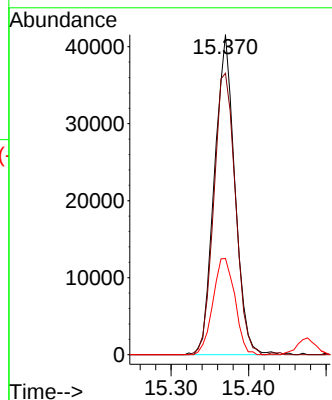
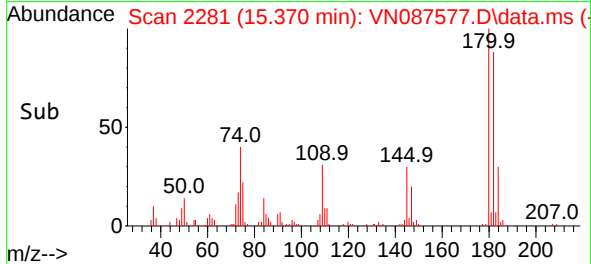


#93
 1,2,4-Trichlorobenzene
 Concen: 19.757 ug/l
 RT: 15.370 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31

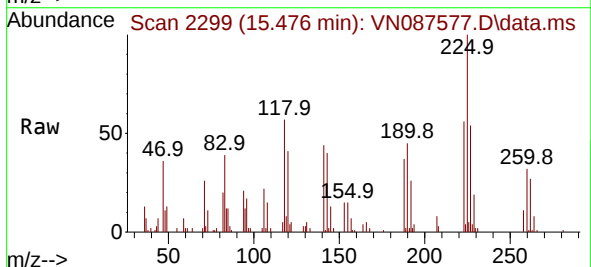
Instrument :
 MSVOA_N
 ClientSampleId :



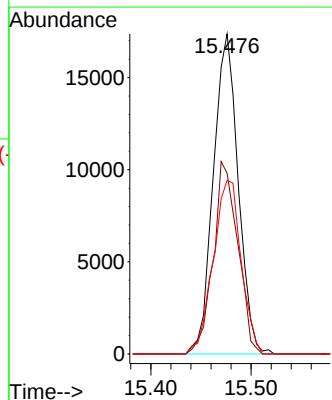
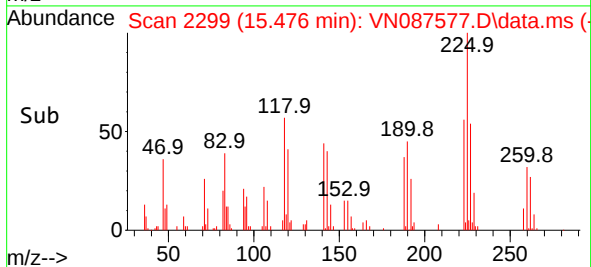
Tgt Ion:180 Resp: 75925
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 141.8
 145 32.4 15.4 46.4

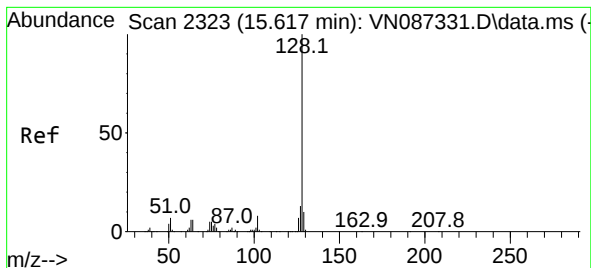


#94
 Hexachlorobutadiene
 Concen: 20.884 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. -0.000 min
 Lab File: VN087577.D
 Acq: 15 Aug 2025 13:31



Tgt Ion:225 Resp: 29821
 Ion Ratio Lower Upper
 225 100
 223 59.4 32.1 96.3
 227 61.0 31.3 93.9





#95

Naphthalene

Concen: 19.119 ug/l

RT: 15.617 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Instrument :

MSVOA_N

ClientSampleId :

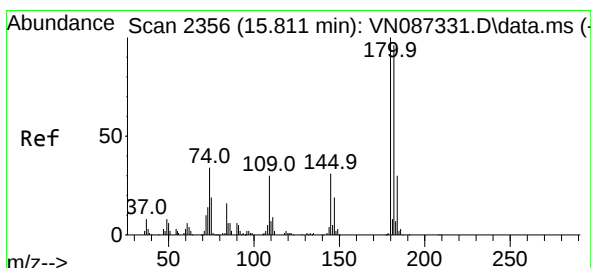
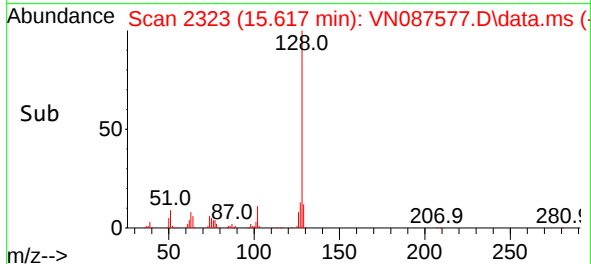
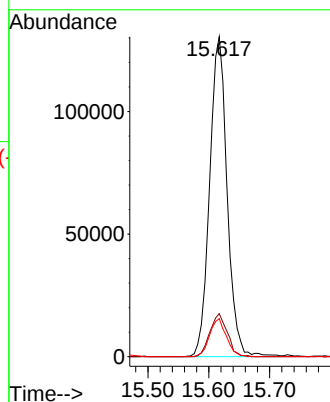
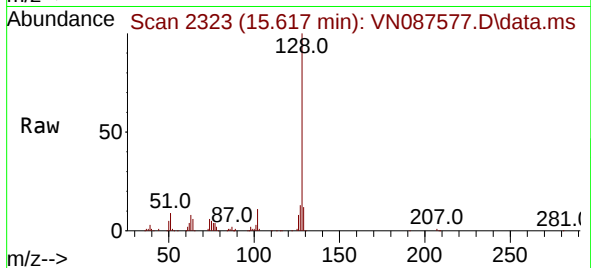
Tgt Ion:128 Resp: 260296

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.531 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087577.D

Acq: 15 Aug 2025 13:31

Tgt Ion:180 Resp: 71436

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.4

145 36.0 16.9 50.6

