

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087417.D
 Acq On : 24 Jul 2025 16:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 25 04:56:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	30245	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	148435	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	138220	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	74591	29.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.829	95	65082	28.223	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.067%
63) Toluene-d8	10.547	98	187205	29.782	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33104	17.888	ug/l	90
3) Chloromethane	2.383	50	29965	16.302	ug/l	97
4) Vinyl Chloride	2.536	62	35362	17.455	ug/l	98
5) Bromomethane	2.989	94	24871	19.839	ug/l	97
6) Chloroethane	3.136	64	29000	18.626	ug/l #	82
7) Trichlorofluoromethane	3.512	101	66830	19.398	ug/l	93
8) Diethyl Ether	3.965	74	25554	18.633	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	35267	19.315	ug/l #	62
10) 1,1-Dichloroethene	4.336	96	33052	17.436	ug/l #	93
11) Methyl Iodide	4.577	142	18642	13.482	ug/l	89
12) Methyl Acetate	5.018	43	42355	17.178	ug/l	96
13) Acrolein	4.177	56	49329	110.050	ug/l	98
14) Acrylonitrile	5.712	53	93538	83.072	ug/l	98
15) Acetone	4.418	58	23211	58.387	ug/l	85
16) Carbon Disulfide	4.700	76	79850	16.311	ug/l	97
17) Allyl chloride	5.018	41	42436	16.342	ug/l	92
18) Methylene Chloride	5.265	84	32022	16.692	ug/l	92
19) trans-1,2-Dichloroethene	5.771	96	32088	17.237	ug/l	98
20) Diisopropyl ether	6.659	45	97530	14.853	ug/l	92
21) 1,1-Dichloroethane	6.541	63	25942	7.397	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	36480	16.730	ug/l	96
23) tert-Butyl Alcohol	5.524	59	34810	90.204	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	99834	16.297	ug/l #	81
25) Chloroform	7.953	83	65004	16.923	ug/l	92
26) Cyclohexane	8.247	56	41589	15.906	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	40244	15.891	ug/l	99
30) 2-Butanone	7.477	43	137603	79.784	ug/l	99
31) 2,2-Dichloropropane	7.477	77	53989	16.233	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	57013	17.201	ug/l	98
33) Carbon Tetrachloride	8.341	117	48385	16.804	ug/l	92
34) Benzene	8.594	78	130026	15.897	ug/l	96
35) Methacrylonitrile	7.765	41	28884	15.926	ug/l	88
36) 1,2-Dichloroethane	8.653	62	52051	16.131	ug/l #	91
37) Trichloroethene	9.329	130	31298	16.768	ug/l	89
38) Methylcyclohexane	9.582	83	42901	16.025	ug/l	96
39) 1,2-Dichloropropane	9.600	63	32052	15.599	ug/l	95
40) Dibromomethane	9.694	93	26268	16.523	ug/l	97
41) Bromodichloromethane	9.871	83	51899	16.442	ug/l	99
42) Vinyl Acetate	6.588	43	433407	74.182	ug/l	100

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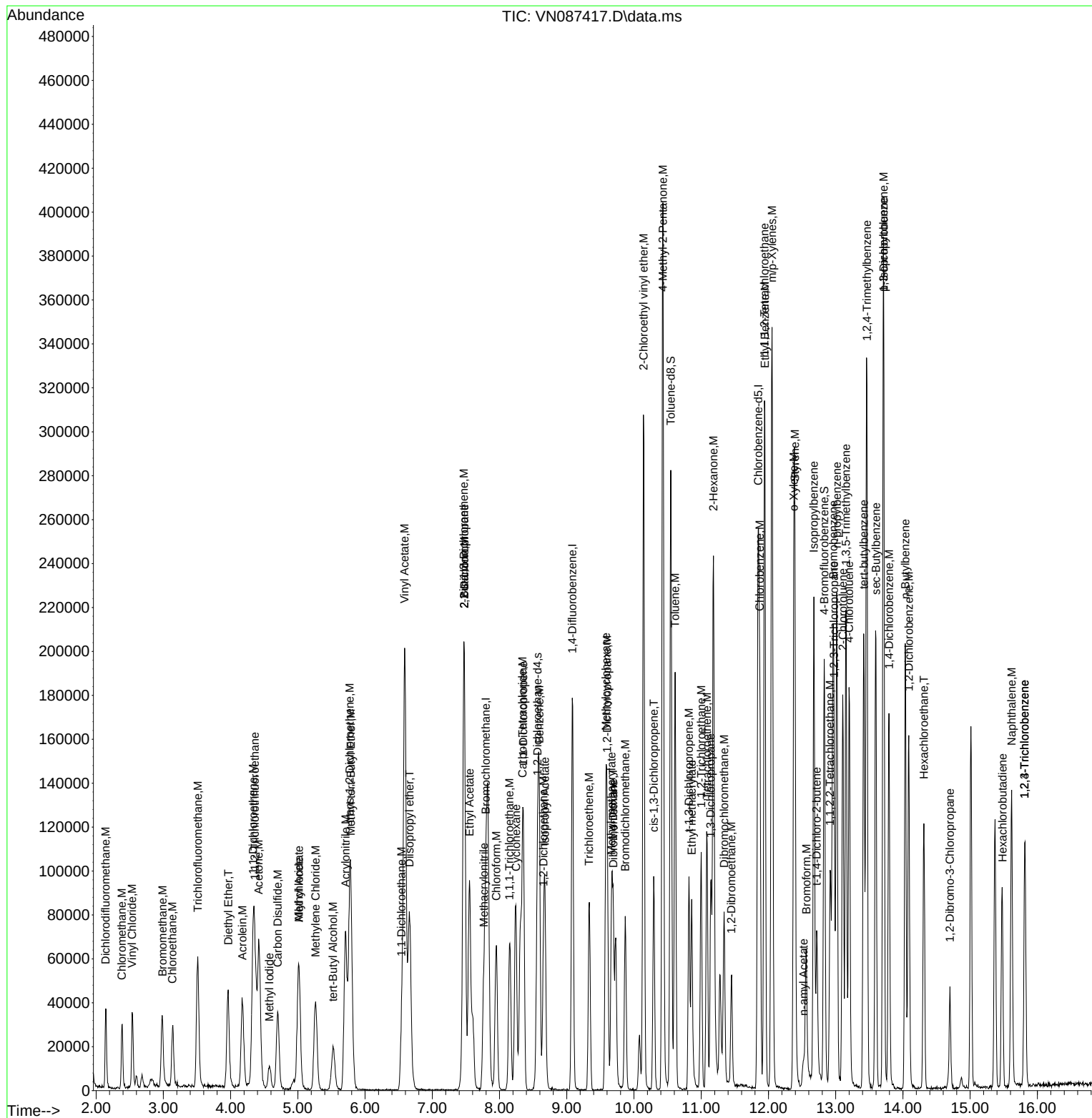
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43) Ethyl Acetate	7.553	43	56060	15.966	ug/l #	87
44) Isopropyl Acetate	8.676	43	86042	15.523	ug/l	98
45) 1,4-Dioxane	9.688	88	11311	331.204	ug/l #	57
46) Methyl methacrylate	9.665	41	37866	14.834	ug/l	98
47) n-amyl Acetate	12.523	43	10665	3.211	ug/l #	68
48) t-1,3-Dichloropropene	10.818	75	51084	15.171	ug/l	94
49) cis-1,3-Dichloropropene	10.294	75	53192	15.795	ug/l	97
50) 1,1,2-Trichloroethane	11.000	97	33621	16.375	ug/l	95
51) Ethyl methacrylate	10.859	69	44985	14.328	ug/l	93
52) 1,3-Dichloropropane	11.141	76	55283	15.660	ug/l	99
53) Dibromochloromethane	11.341	129	37263	15.485	ug/l	99
54) 1,2-Dibromoethane	11.447	107	33606	15.969	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	129691	74.253	ug/l	98
56) Bromoform	12.564	173	25425	14.855	ug/l	99
58) 4-Methyl-2-Pentanone	10.429	43	276488	81.805	ug/l	99
59) 2-Hexanone	11.182	43	181201	79.429	ug/l	98
61) Tetrachloroethene	11.088	164	27226	17.639	ug/l	92
62) Toluene	10.612	91	137046	16.281	ug/l	99
64) Chlorobenzene	11.870	112	89604	16.650	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	32467	16.508	ug/l	98
66) Ethyl Benzene	11.947	91	145072	15.919	ug/l	98
67) m/p-Xylenes	12.053	106	113595	31.497	ug/l	100
68) o-Xylene	12.376	106	53045	15.333	ug/l	99
69) Styrene	12.394	104	92132	15.307	ug/l	100
70) Isopropylbenzene	12.676	105	134896	15.482	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.917	83	49764	16.236	ug/l	97
72) 1,2,3-Trichloropropane	12.976	75	66242	24.192	ug/l	59
73) Bromobenzene	12.964	156	36504	16.096	ug/l	98
74) n-propylbenzene	13.017	91	168439	15.309	ug/l	99
75) 2-Chlorotoluene	13.106	91	102892	15.570	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	119058	15.709	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	15803	14.441	ug/l	80
78) 4-Chlorotoluene	13.200	91	108349	15.373	ug/l	99
79) tert-butylbenzene	13.417	119	97115	15.088	ug/l	97
80) 1,2,4-Trimethylbenzene	13.464	105	120661	15.596	ug/l	96
81) sec-Butylbenzene	13.600	105	143535	15.452	ug/l	99
82) p-Isopropyltoluene	13.711	119	122563	15.373	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	70726	15.478	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	70728	15.682	ug/l	98
85) n-Butylbenzene	14.035	91	108555	14.784	ug/l	98
86) Hexachloroethane	14.311	117	25758	16.603	ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	67017	15.577	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	11236	15.756	ug/l	89
89) 1,2,4-Trichlorobenzene	15.811	180	39435	15.889	ug/l	98
90) Hexachlorobutadiene	15.482	225	17690	17.281	ug/l	97
91) Naphthalene	15.617	128	120294	14.563	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	39435	15.889	ug/l	98

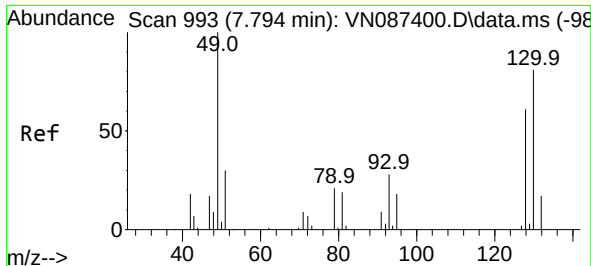
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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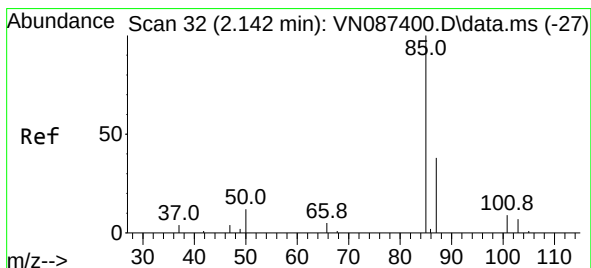
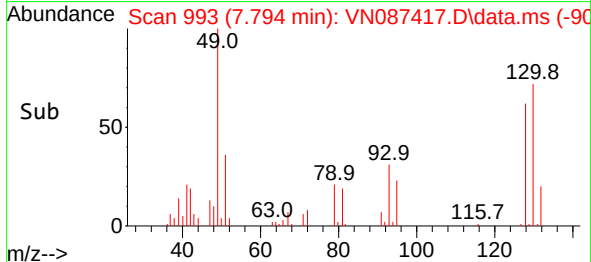
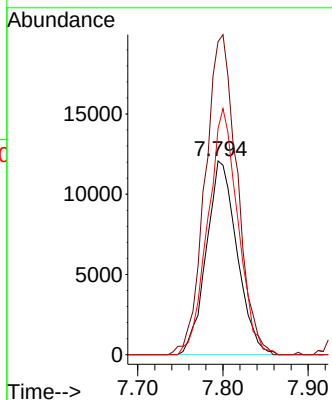
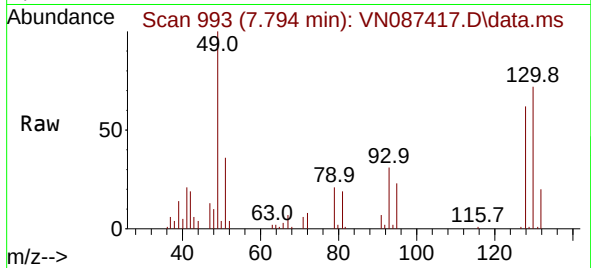




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
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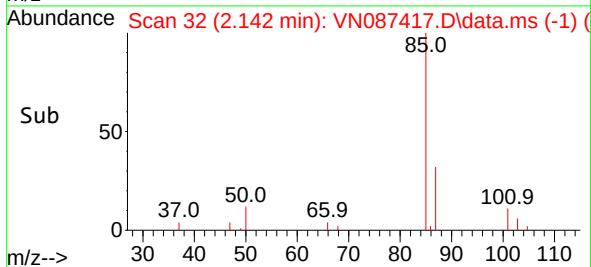
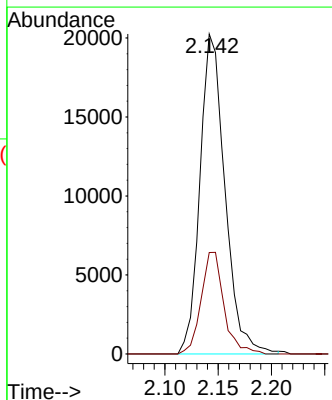
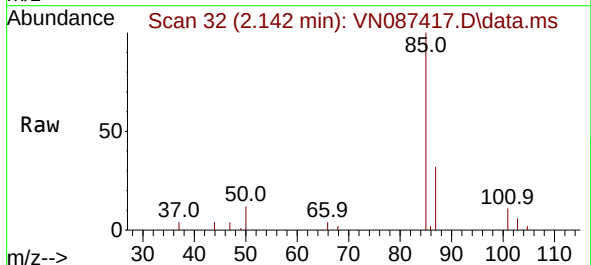
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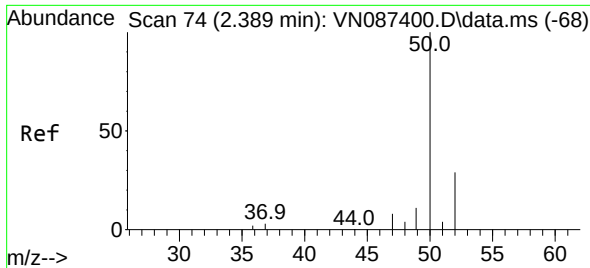
Tgt Ion:128 Resp: 30245
Ion Ratio Lower Upper
128 100
49 171.6 0.0 446.2
130 124.2 0.0 331.0



#2
Dichlorodifluoromethane
Concen: 17.888 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 85 Resp: 33104
Ion Ratio Lower Upper
85 100
87 31.7 18.9 56.9

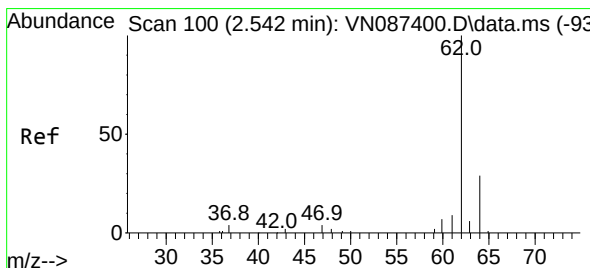
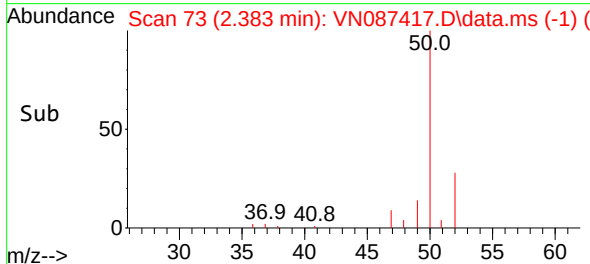
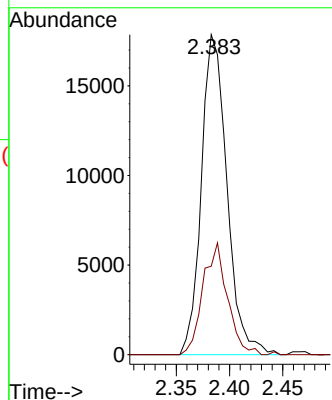
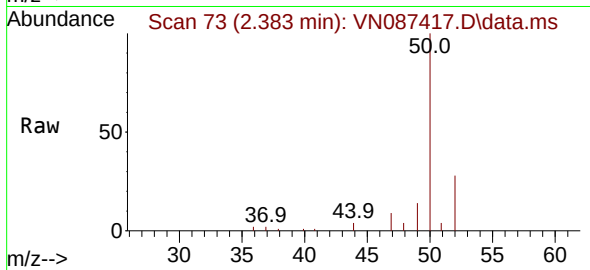




#3
Chloromethane
Concen: 16.302 ug/l
RT: 2.383 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

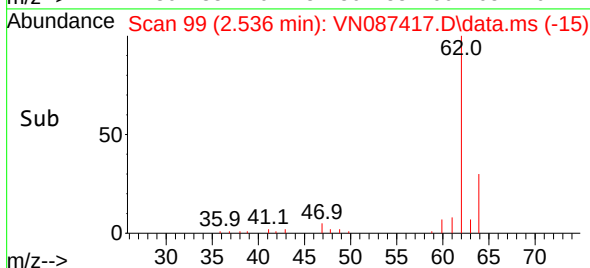
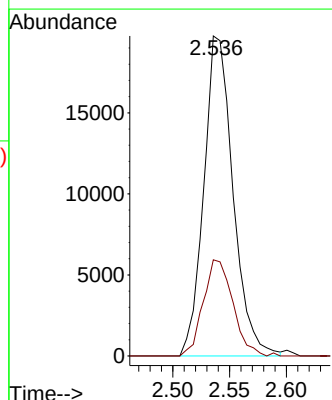
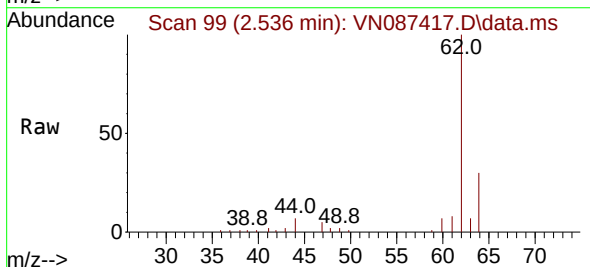
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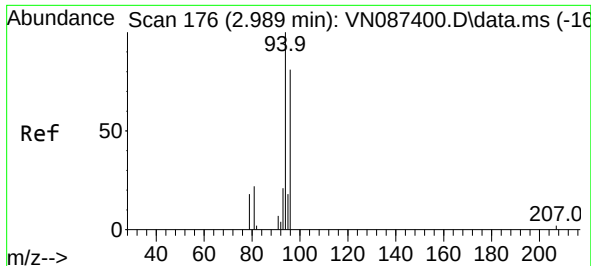
Tgt Ion: 50 Resp: 29965
Ion Ratio Lower Upper
50 100
52 27.6 23.2 34.8



#4
Vinyl Chloride
Concen: 17.455 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 62 Resp: 35362
Ion Ratio Lower Upper
62 100
64 30.1 23.2 34.8

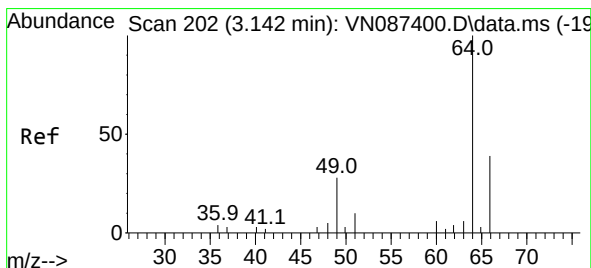
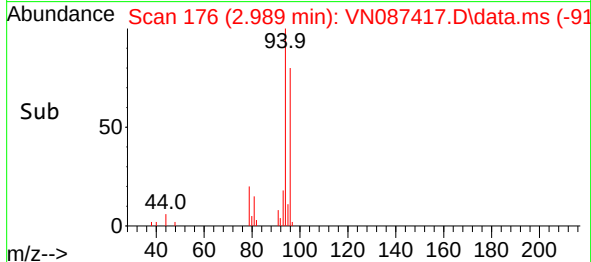
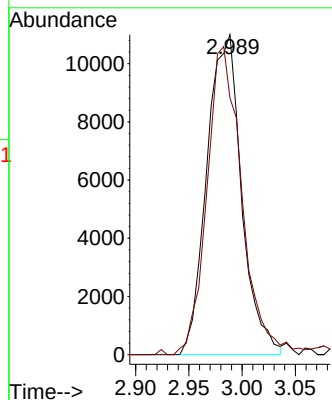
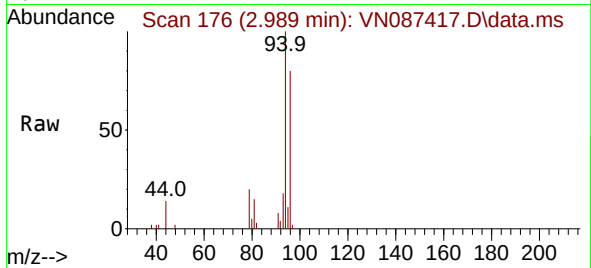




#5
Bromomethane
Concen: 19.839 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087417.D
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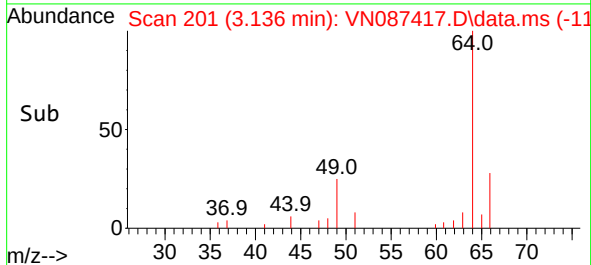
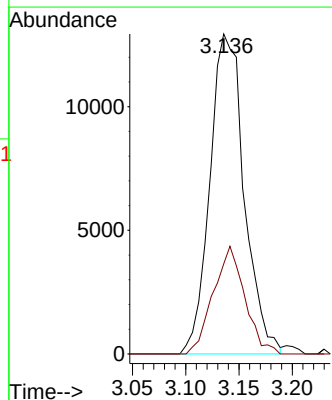
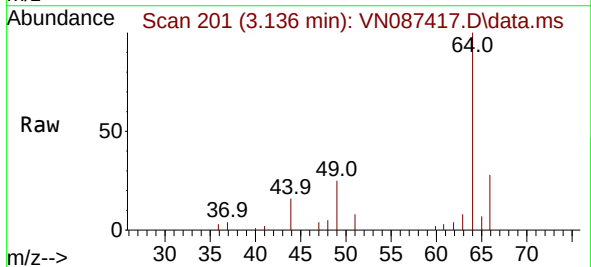
Instrument :
MSVOA_N
ClientSampleId :

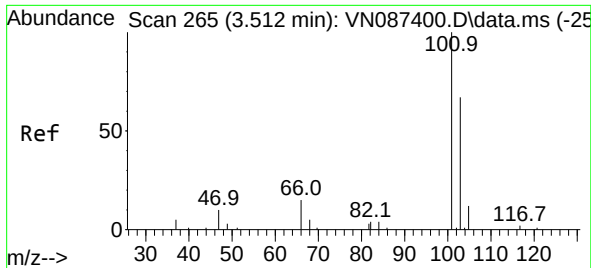
Tgt Ion: 94 Resp: 24871
Ion Ratio Lower Upper
94 100
96 78.2 64.6 96.8



#6
Chloroethane
Concen: 18.626 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087417.D
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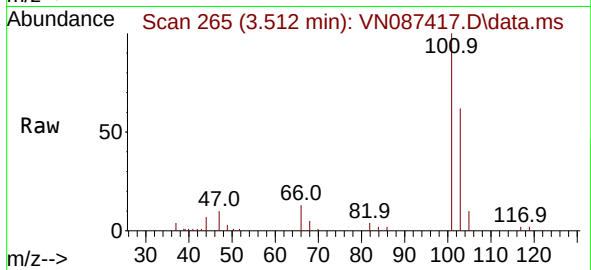
Tgt Ion: 64 Resp: 29000
Ion Ratio Lower Upper
64 100
66 28.1 31.4 47.2#



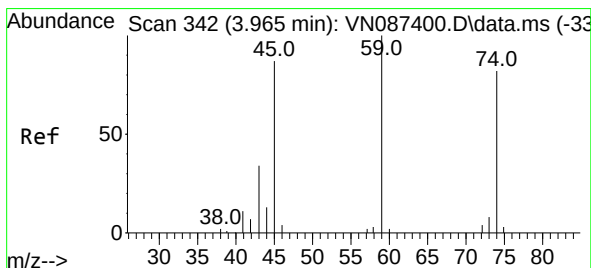
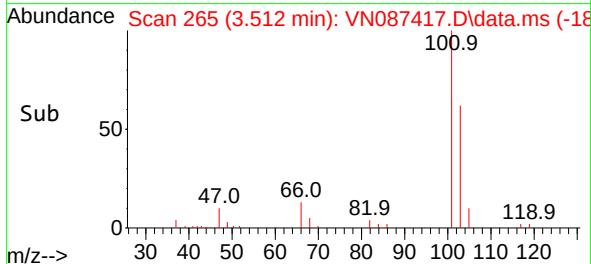
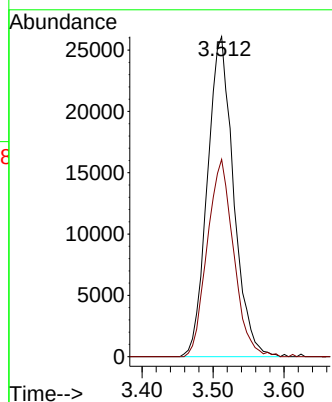


#7
 Trichlorofluoromethane
 Concen: 19.398 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
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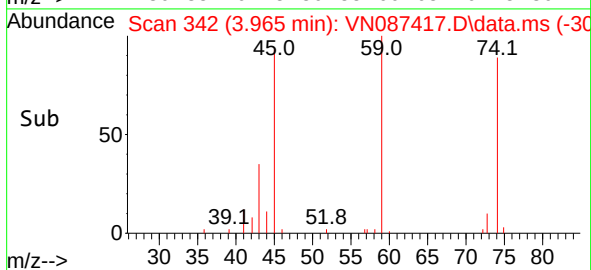
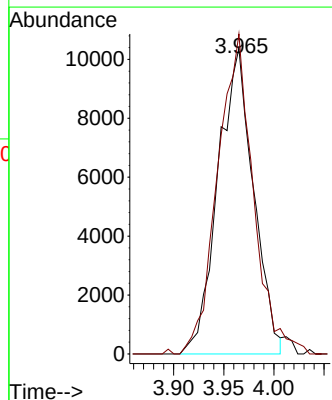
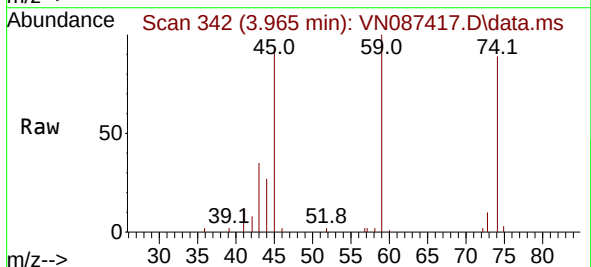


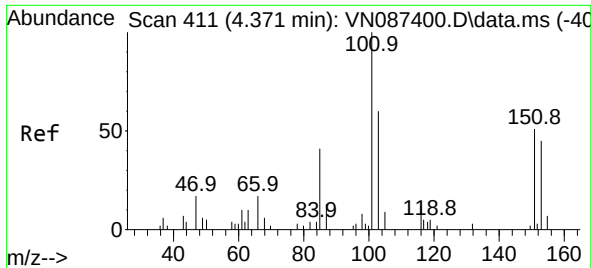
Tgt Ion:101 Resp: 66830
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.7 80.5



#8
 Diethyl Ether
 Concen: 18.633 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN087417.D
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Tgt Ion: 74 Resp: 25554
 Ion Ratio Lower Upper
 74 100
 45 105.1 21.4 192.8

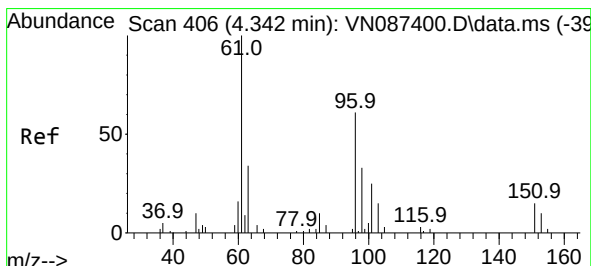
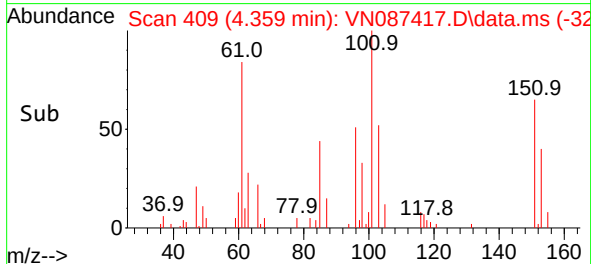
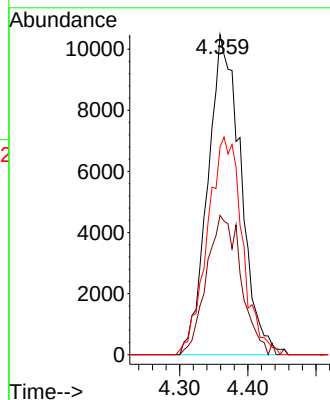
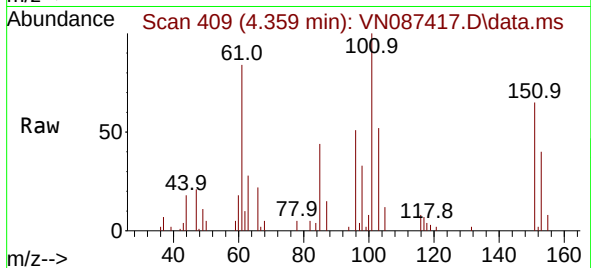




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.315 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
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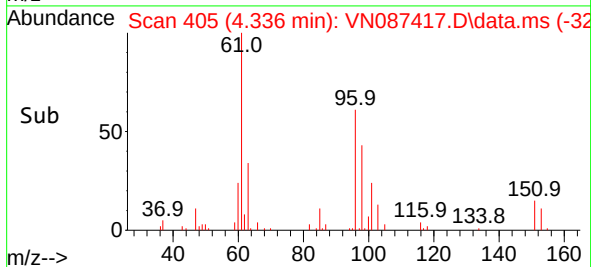
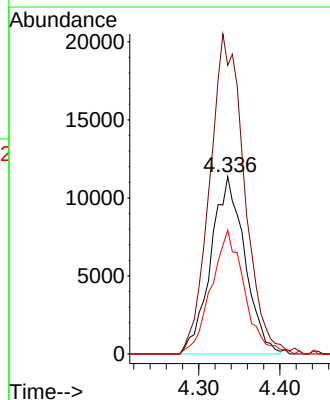
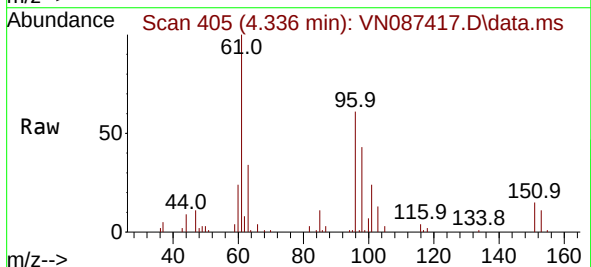
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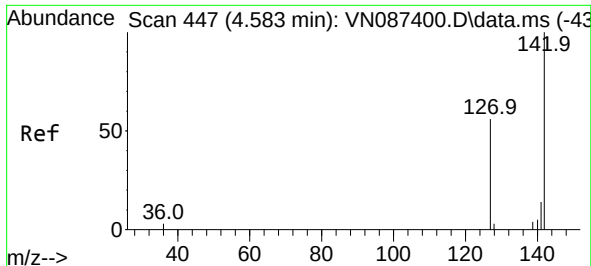
Tgt Ion:101 Resp: 35267
 Ion Ratio Lower Upper
 101 100
 85 32.8 0.0 94.8
 151 66.9 0.0 64.8#



#10
 1,1-Dichloroethene
 Concen: 17.436 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

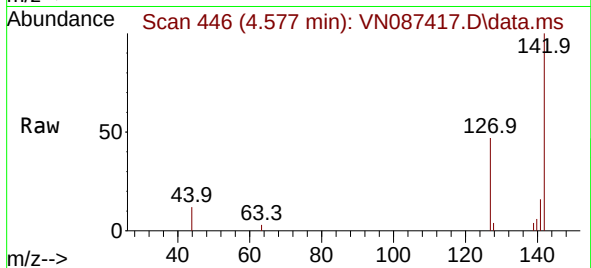
Tgt Ion: 96 Resp: 33052
 Ion Ratio Lower Upper
 96 100
 61 162.7 131.8 197.8
 98 69.8 43.0 64.4#



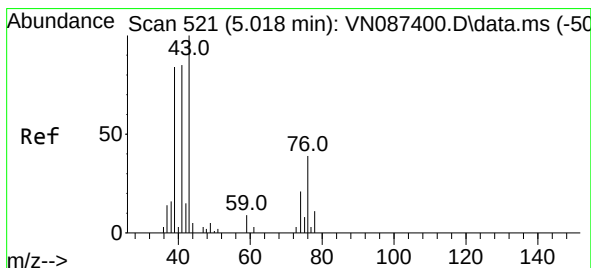
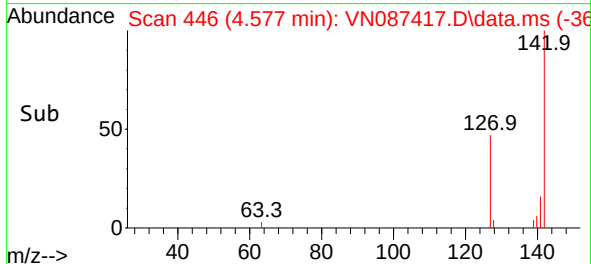
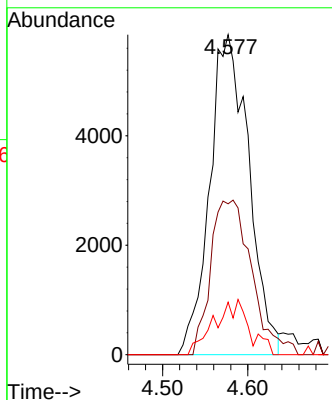


#11
Methyl Iodide
Concen: 13.482 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

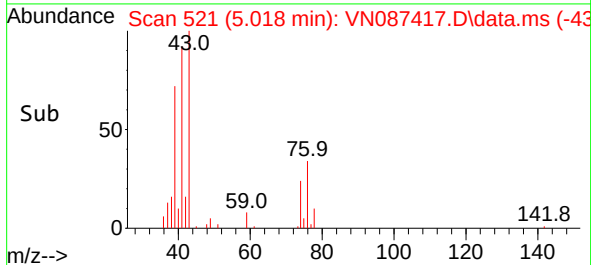
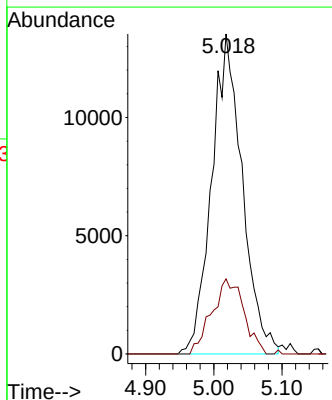
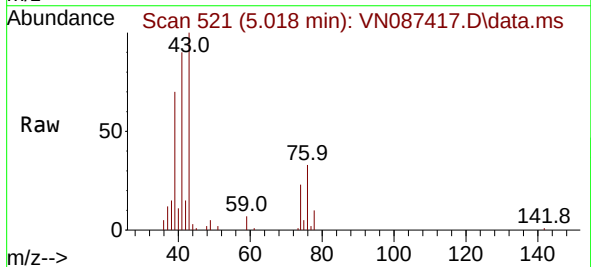


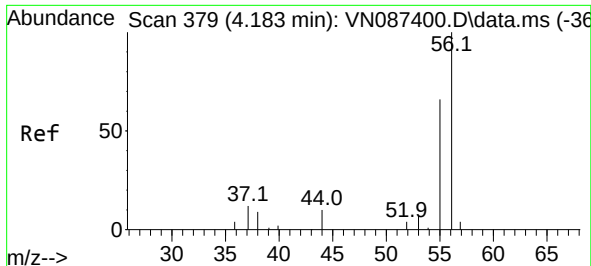
Tgt Ion:142 Resp: 18642
Ion Ratio Lower Upper
142 100
127 46.1 27.7 83.0
141 16.9 7.2 21.6



#12
Methyl Acetate
Concen: 17.178 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

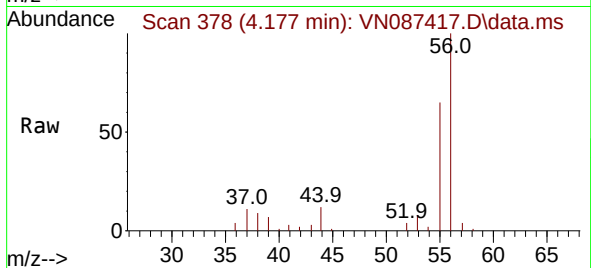
Tgt Ion: 43 Resp: 42355
Ion Ratio Lower Upper
43 100
74 23.1 16.9 25.3



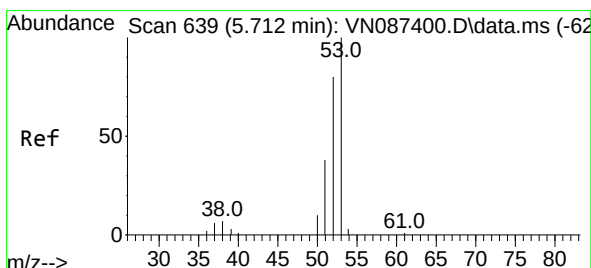
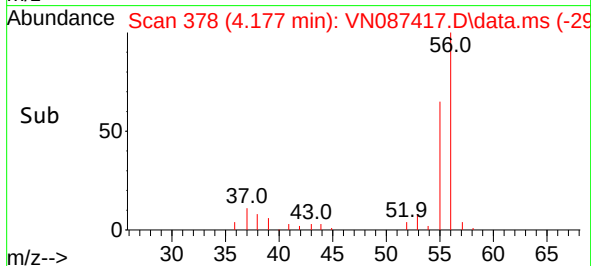
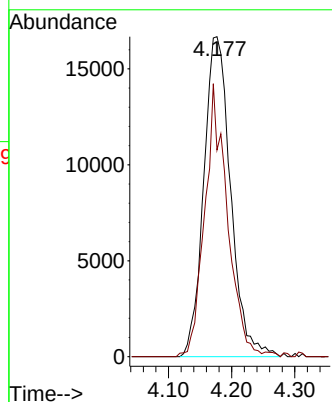


#13
Acrolein
Concen: 110.050 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

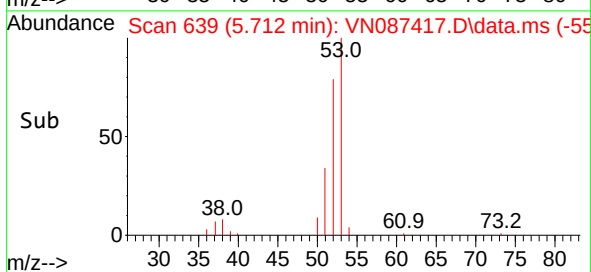
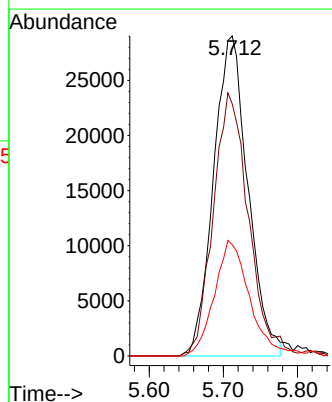
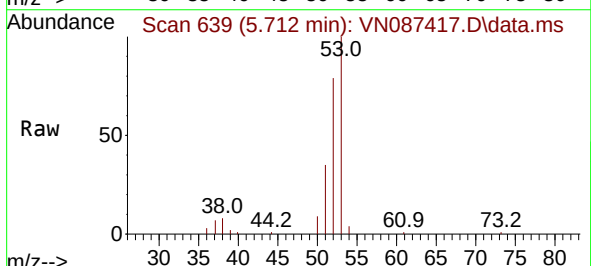


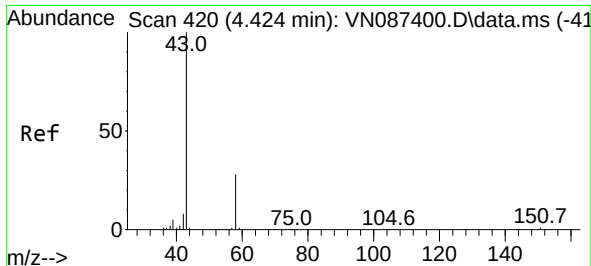
Tgt Ion: 56 Resp: 49329
Ion Ratio Lower Upper
56 100
55 69.6 56.8 85.2



#14
Acrylonitrile
Concen: 83.072 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 53 Resp: 93538
Ion Ratio Lower Upper
53 100
52 81.8 41.5 124.6
51 36.6 19.4 58.4

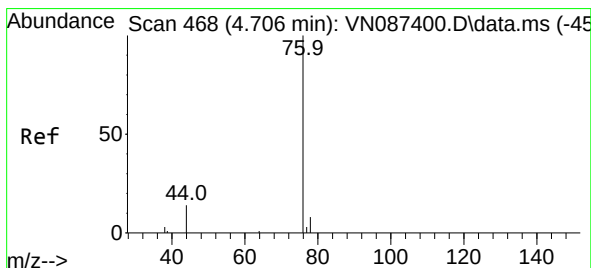
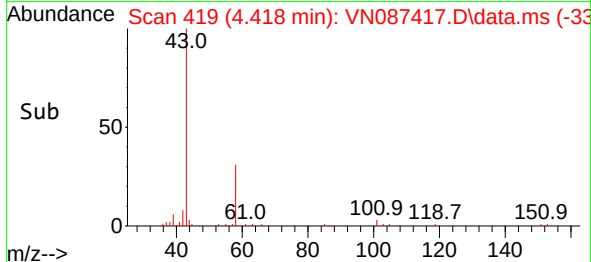
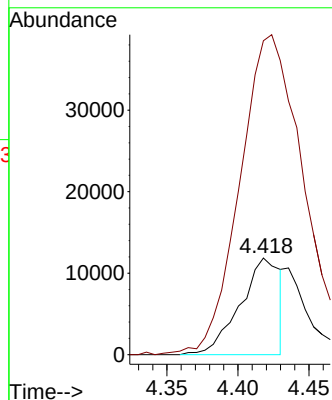
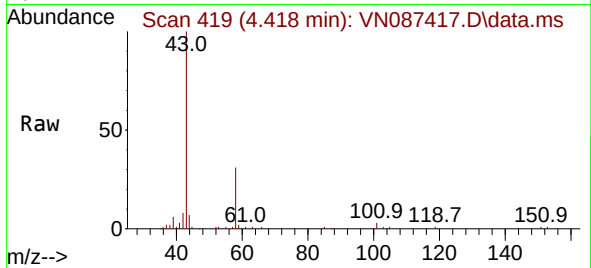




#15
Acetone
Concen: 58.387 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

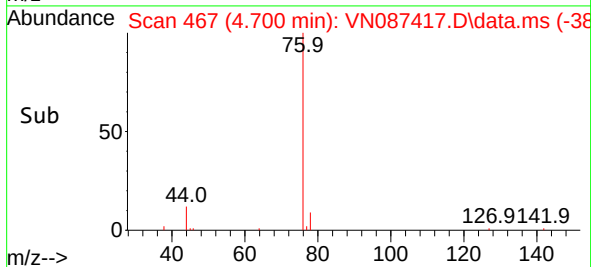
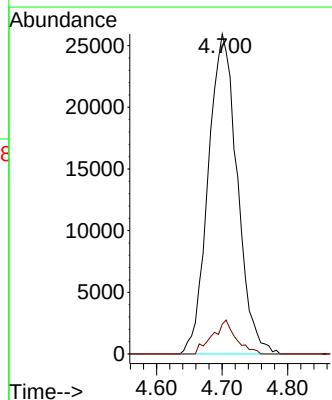
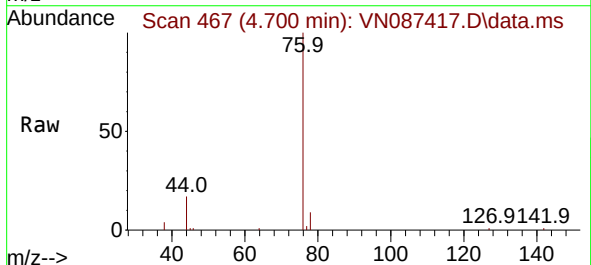
Instrument :
MSVOA_N
ClientSampleId :

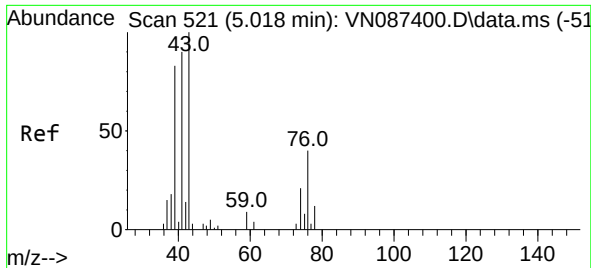
Tgt Ion: 58 Resp: 23211
Ion Ratio Lower Upper
58 100
43 321.3 283.4 425.0



#16
Carbon Disulfide
Concen: 16.311 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

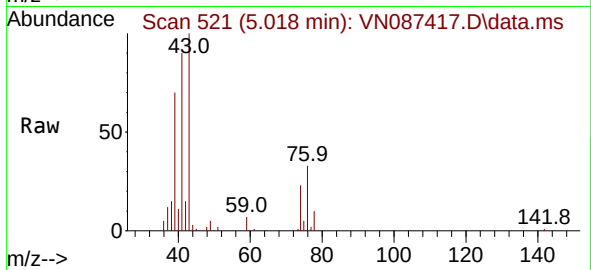
Tgt Ion: 76 Resp: 79850
Ion Ratio Lower Upper
76 100
78 9.3 6.6 10.0



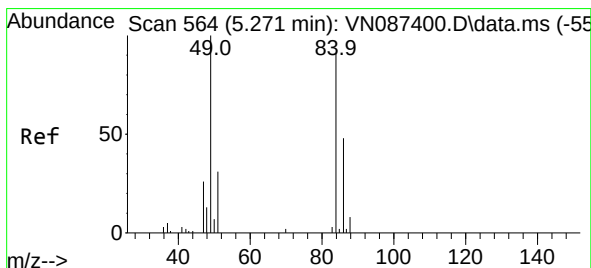
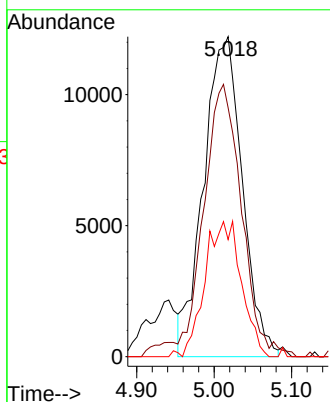
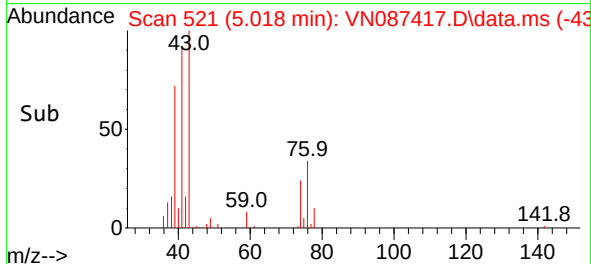


#17
 Allyl chloride
 Concen: 16.342 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Instrument :
 MSVOA_N
 ClientSampleId :

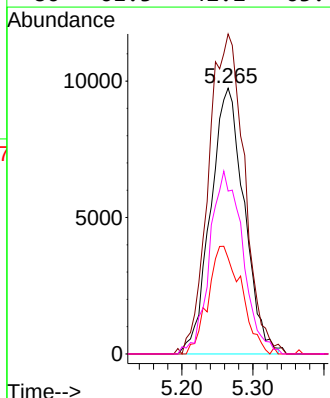
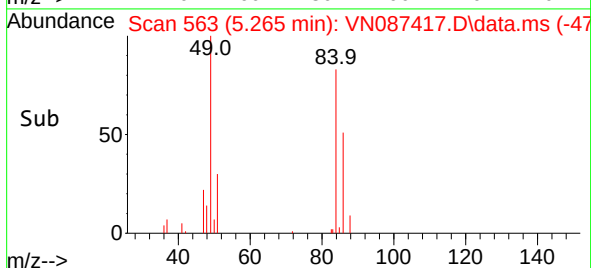
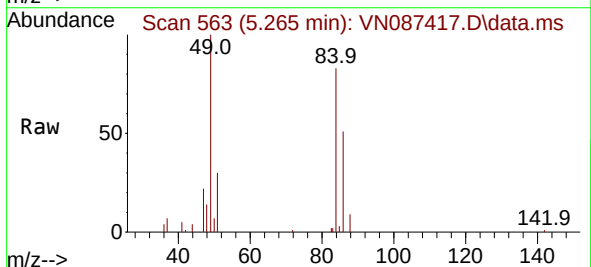


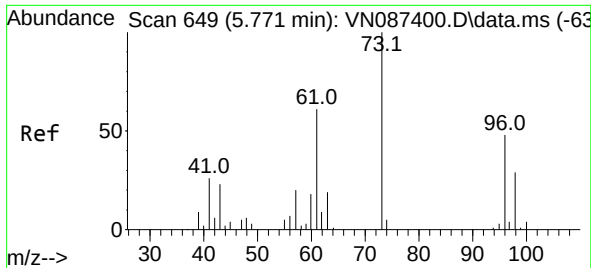
Tgt Ion:	41	Resp:	42436
Ion	Ratio	Lower	Upper
41	100		
39	76.6	42.9	128.7
76	37.4	19.8	59.4



#18
 Methylene Chloride
 Concen: 16.692 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

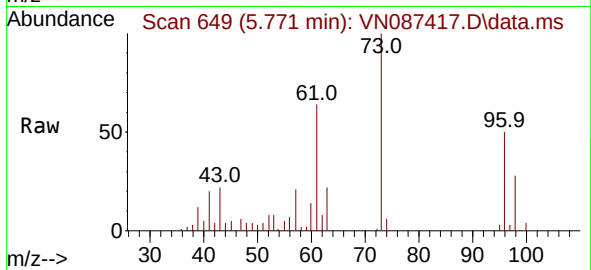
Tgt Ion:	84	Resp:	32022
Ion	Ratio	Lower	Upper
84	100		
49	118.4	88.4	132.6
51	36.0	27.3	40.9
86	61.3	42.2	63.4



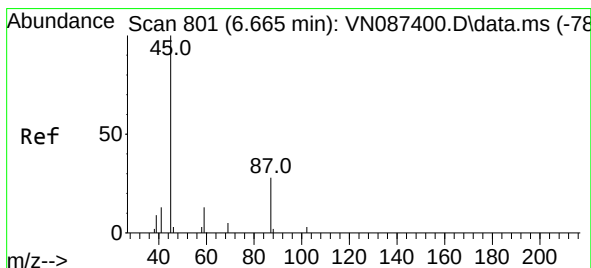
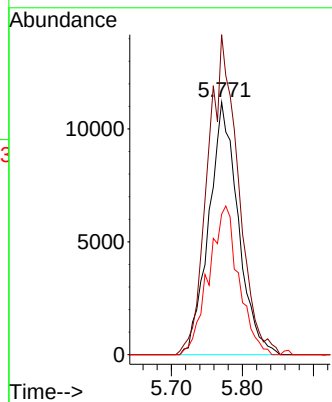
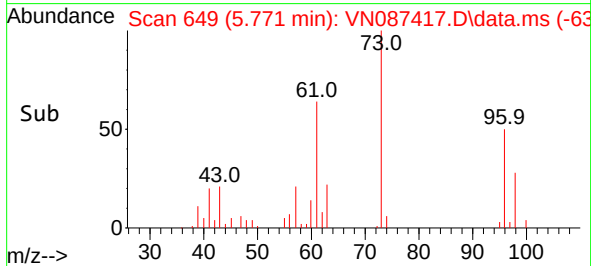


#19
trans-1,2-Dichloroethene
Concen: 17.237 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

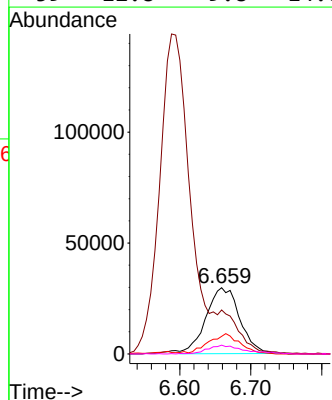
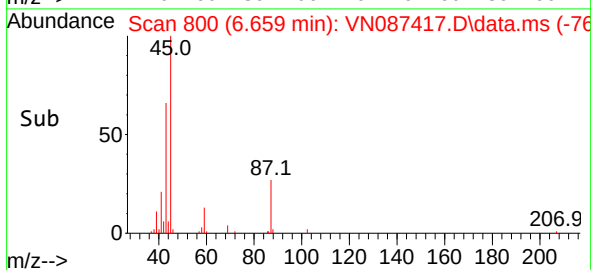
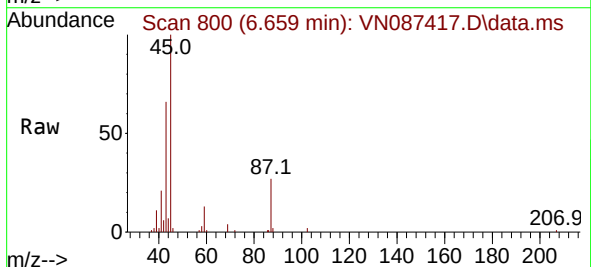


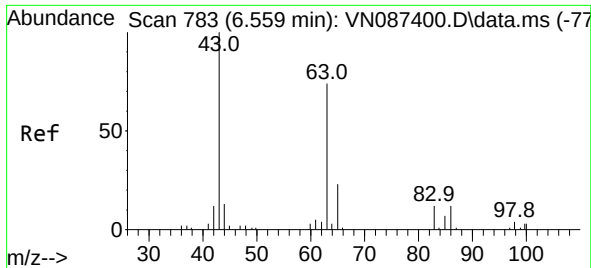
Tgt Ion: 96 Resp: 32088
Ion Ratio Lower Upper
96 100
61 126.8 101.7 152.5
98 55.7 48.2 72.4



#20
Diisopropyl ether
Concen: 14.853 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

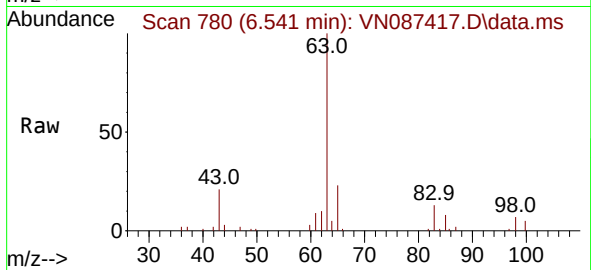
Tgt Ion: 45 Resp: 97530
Ion Ratio Lower Upper
45 100
43 65.1 46.0 69.0
87 26.9 23.4 35.2
59 12.8 9.8 14.6



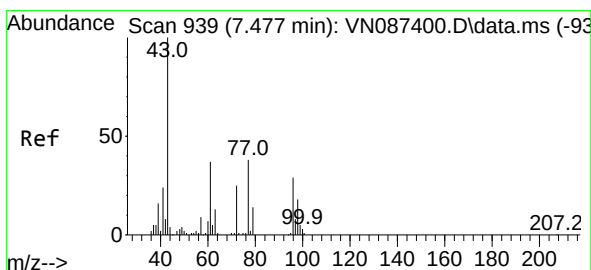
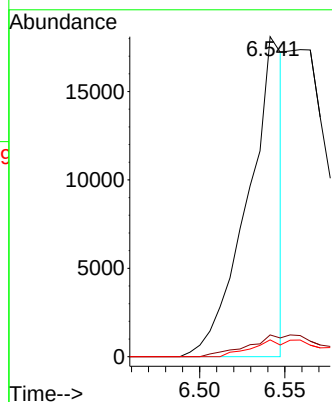
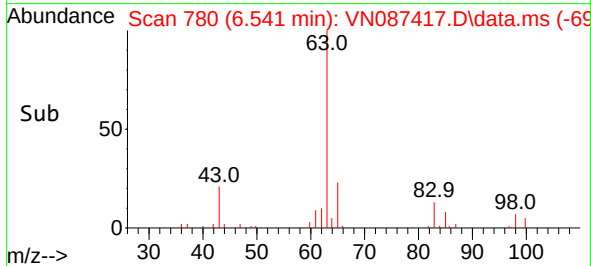


#21
1,1-Dichloroethane
Concen: 7.397 ug/l
RT: 6.541 min Scan# 71
Delta R.T. -0.018 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

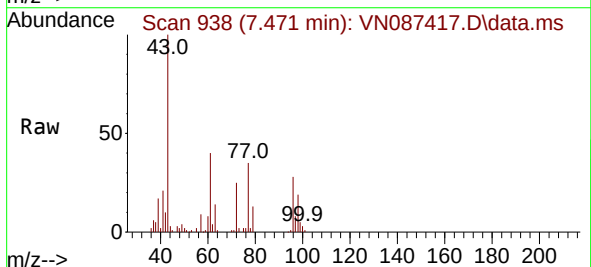
Instrument :
MSVOA_N
ClientSampleId :



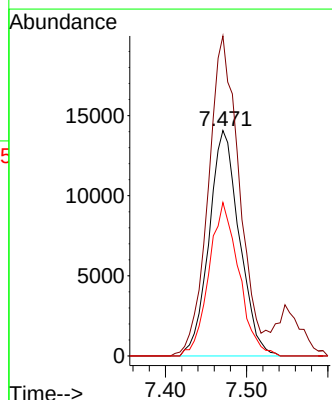
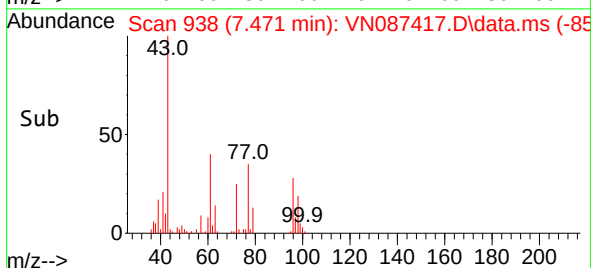
Tgt Ion: 63 Resp: 25942
Ion Ratio Lower Upper
63 100
98 6.8 2.9 8.6
100 5.3 3.6 10.8

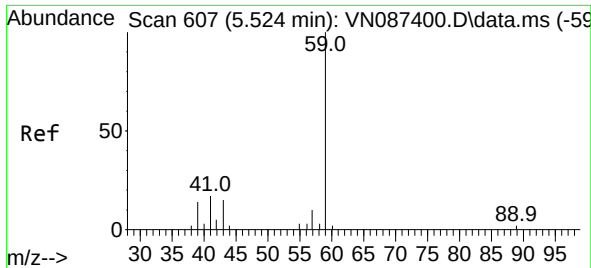


#22
cis-1,2-Dichloroethene
Concen: 16.730 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11



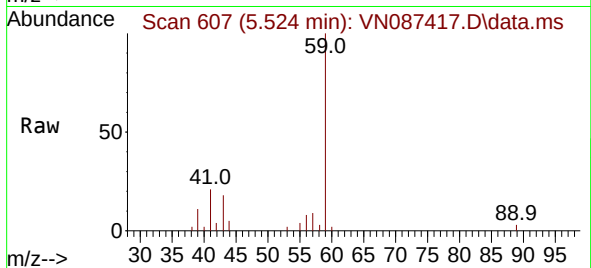
Tgt Ion: 96 Resp: 36480
Ion Ratio Lower Upper
96 100
61 143.9 120.4 180.6
98 67.3 54.0 81.0



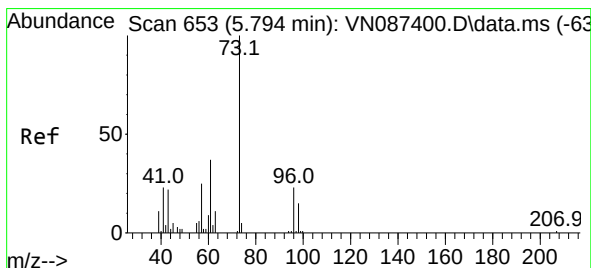
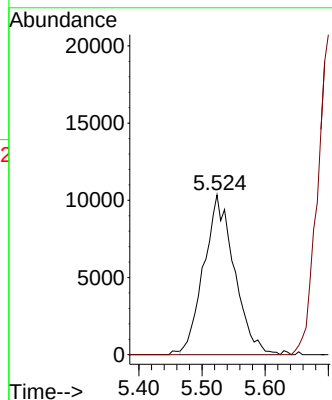
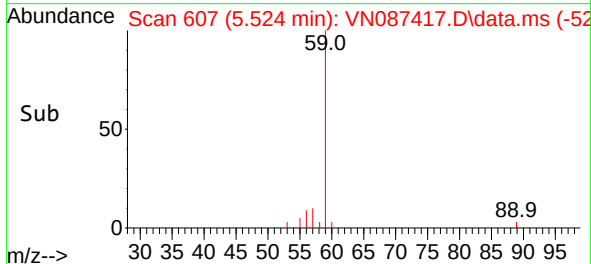


#23
 tert-Butyl Alcohol
 Concen: 90.204 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. -0.000 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Instrument :
 MSVOA_N
 ClientSampleId :

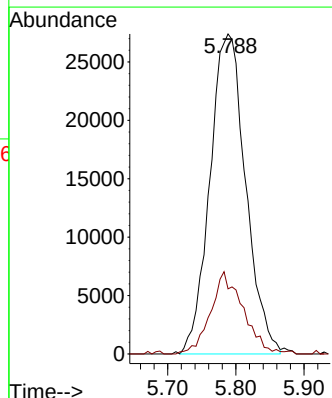
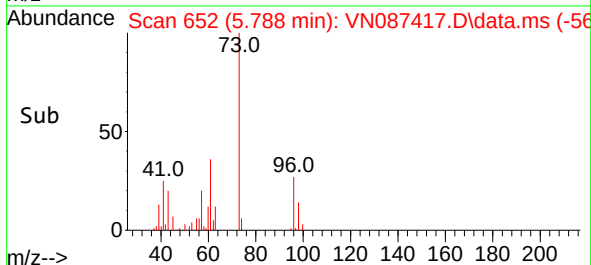
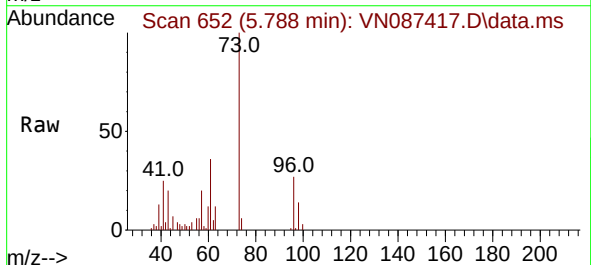


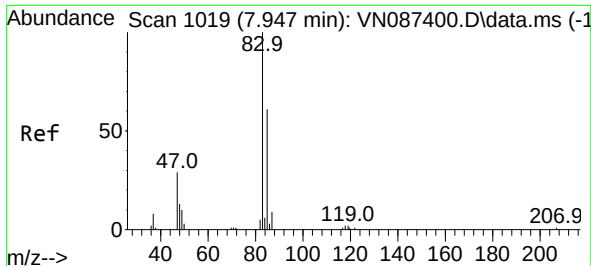
Tgt Ion: 59 Resp: 34810
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 16.297 ug/l
 RT: 5.788 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Tgt Ion: 73 Resp: 99834
 Ion Ratio Lower Upper
 73 100
 43 12.9 17.7 26.5#

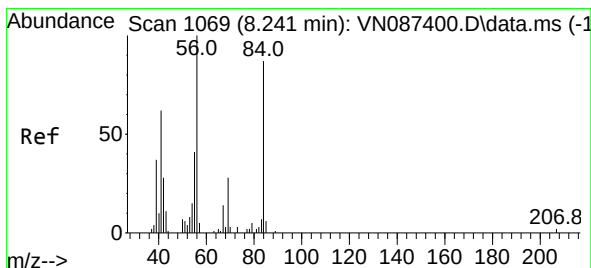
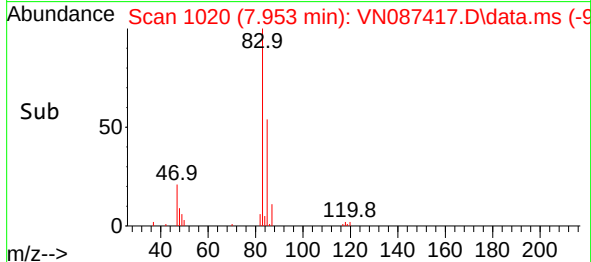
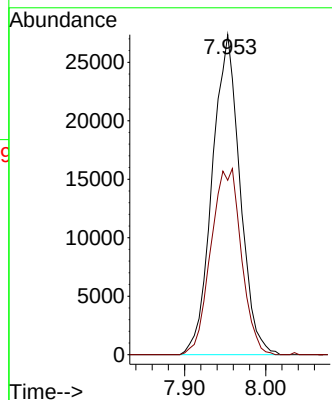
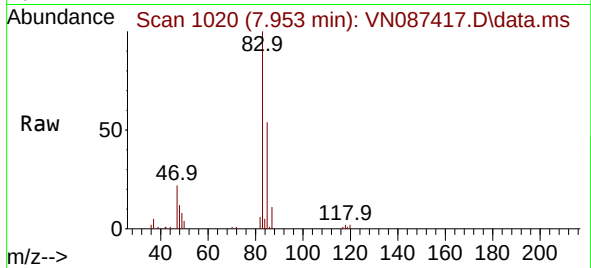




#25
Chloroform
Concen: 16.923 ug/l
RT: 7.953 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

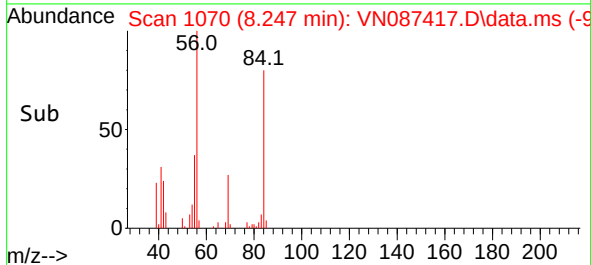
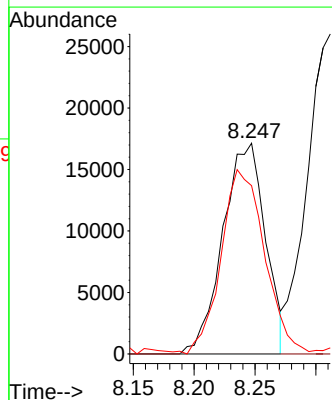
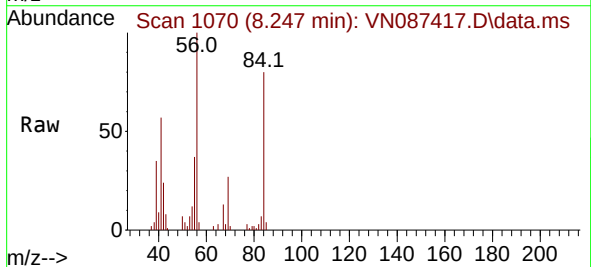
Instrument :
MSVOA_N
ClientSampleId :

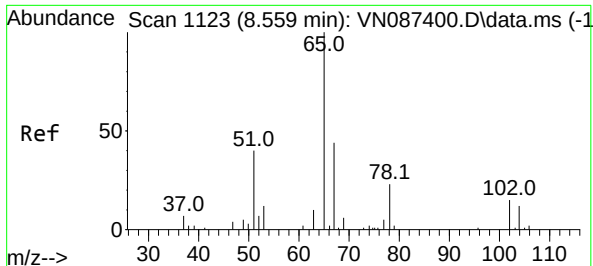
Tgt Ion: 83 Resp: 65004
Ion Ratio Lower Upper
83 100
85 54.5 48.6 73.0



#26
Cyclohexane
Concen: 15.906 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 56 Resp: 41589
Ion Ratio Lower Upper
56 100
89 0.0 1.5 2.3#
84 89.7 71.2 106.8





#27

1,2-Dichloroethane-d4

Concen: 29.904 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

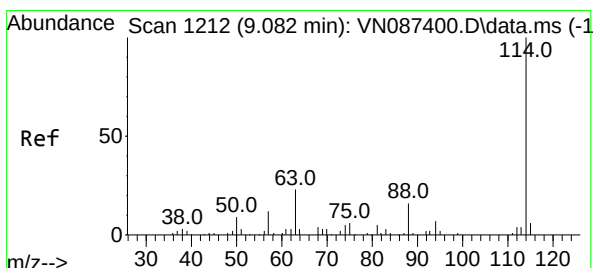
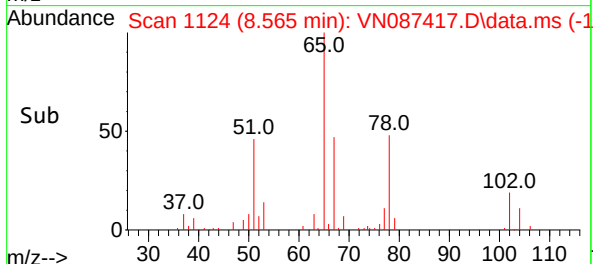
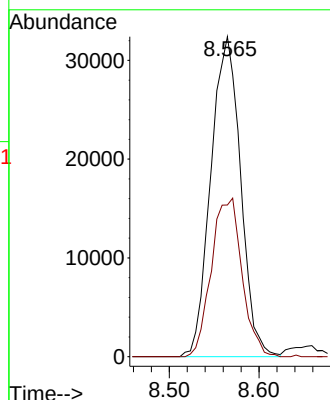
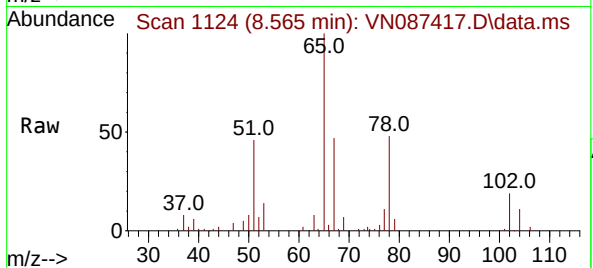
ClientSampleId :

Tgt Ion: 65 Resp: 74591

Ion Ratio Lower Upper

65 100

67 50.9 40.2 60.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

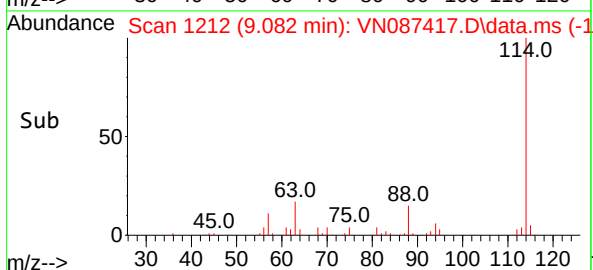
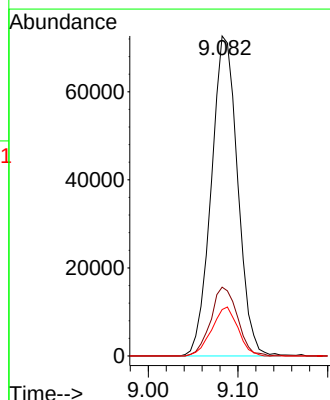
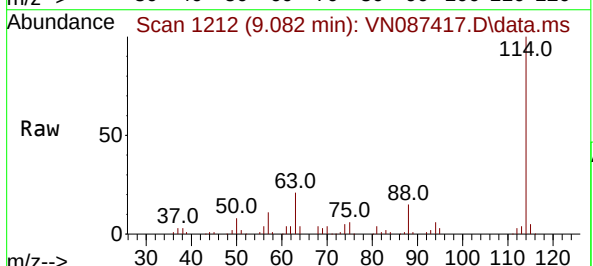
Tgt Ion: 114 Resp: 148435

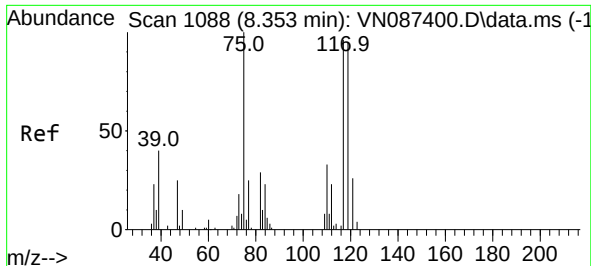
Ion Ratio Lower Upper

114 100

63 21.8 16.8 25.2

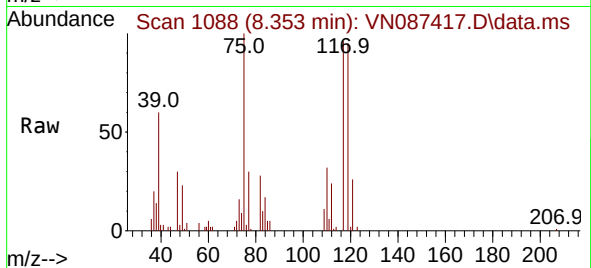
88 15.2 12.5 18.7



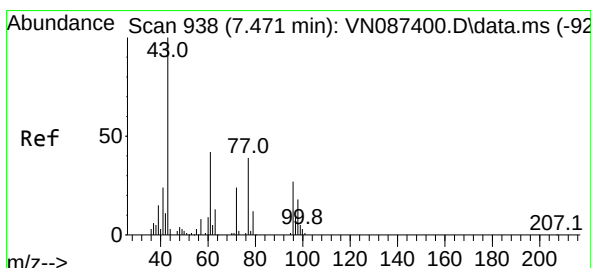
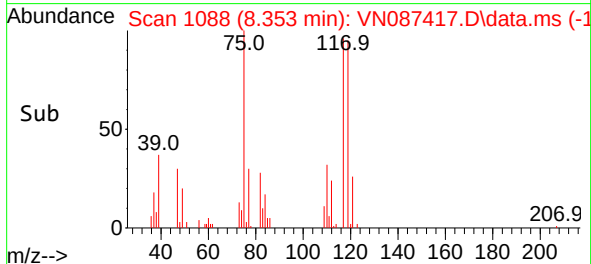
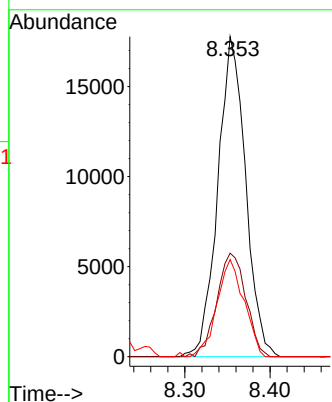


#29
1,1-Dichloropropene
Concen: 15.891 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

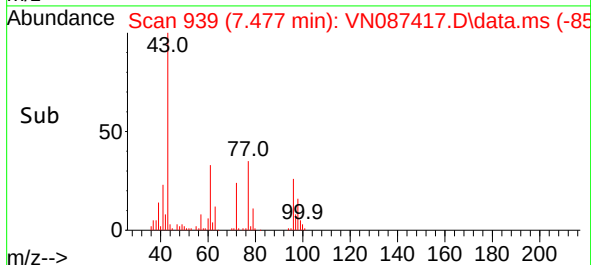
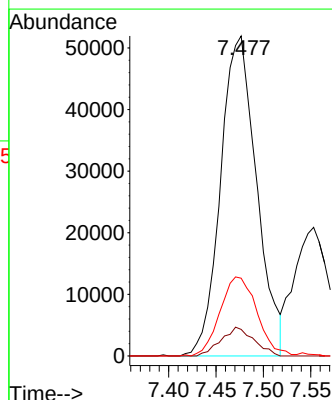
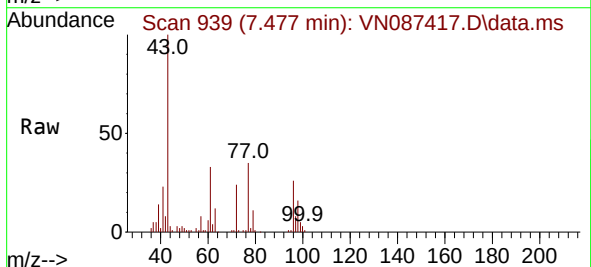


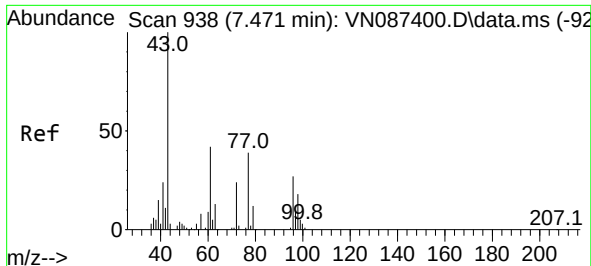
Tgt Ion: 75 Resp: 40244
Ion Ratio Lower Upper
75 100
110 33.6 0.0 66.4
77 29.6 0.0 61.6



#30
2-Butanone
Concen: 79.784 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 43 Resp: 137603
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 25.2 20.6 30.8





#31

2,2-Dichloropropane

Concen: 16.233 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

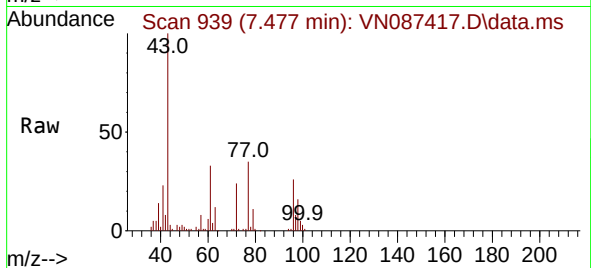
Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

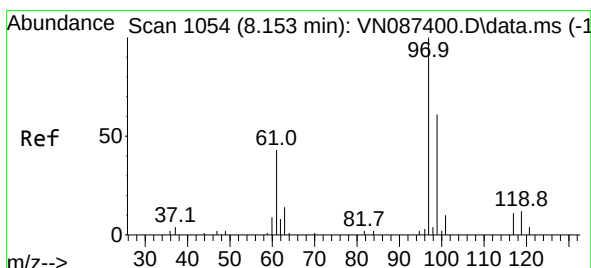
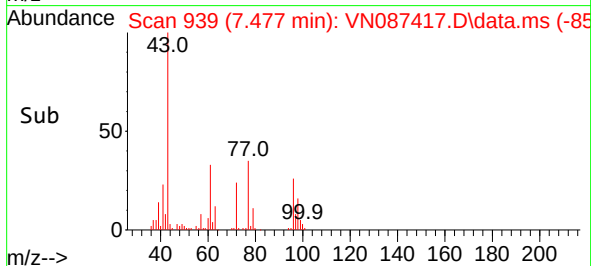
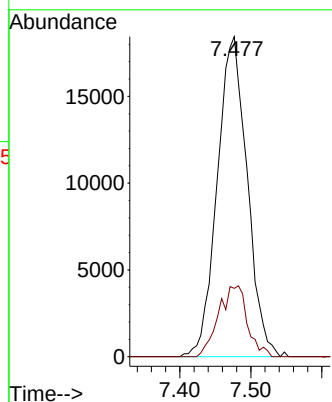


Tgt Ion: 77 Resp: 53989

Ion Ratio Lower Upper

77 100

97 20.7 17.1 25.7



#32

1,1,1-Trichloroethane

Concen: 17.201 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

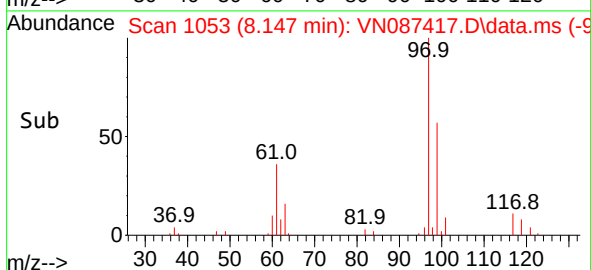
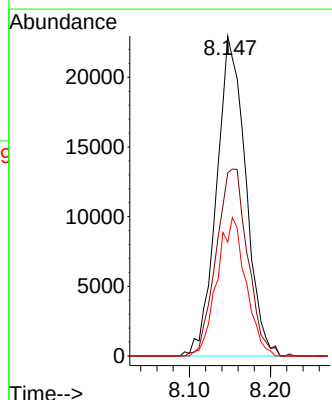
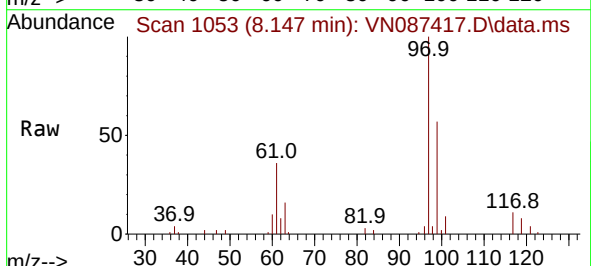
Tgt Ion: 97 Resp: 57013

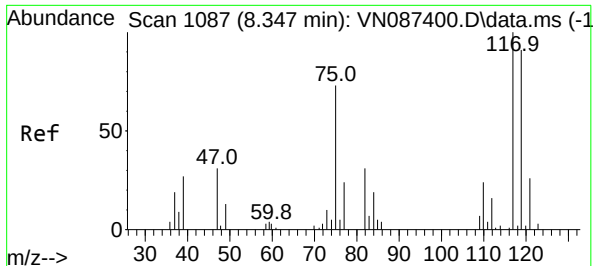
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

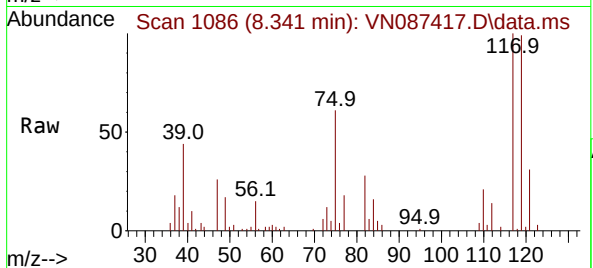
61 42.9 36.1 54.1



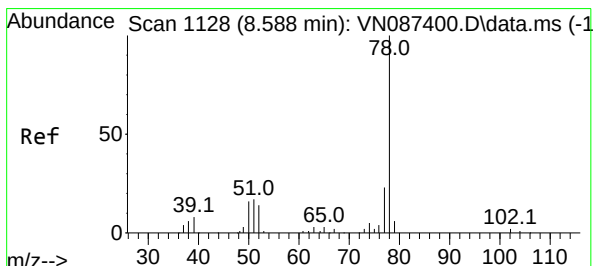
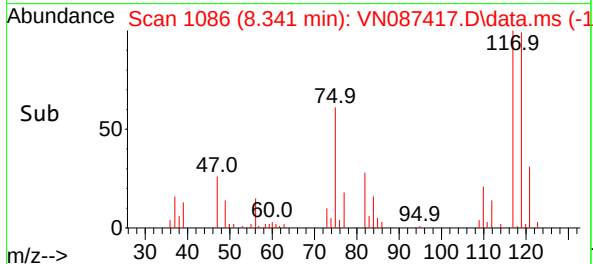
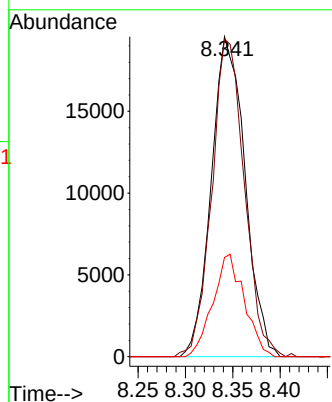


#33
Carbon Tetrachloride
Concen: 16.804 ug/l
RT: 8.341 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

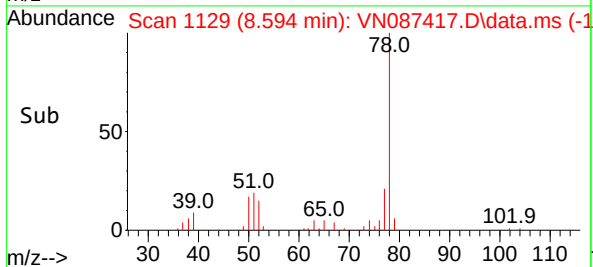
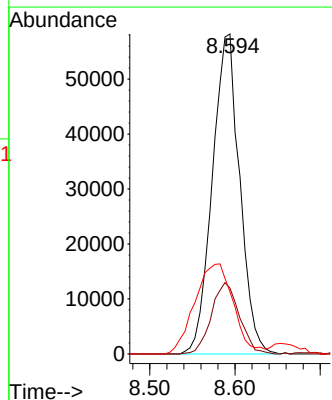
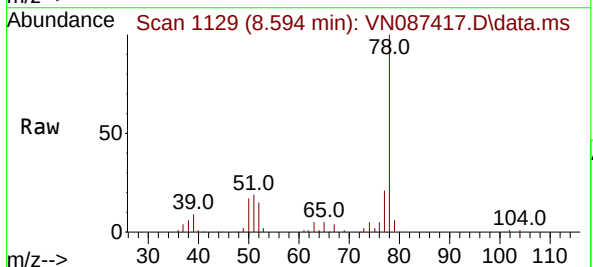


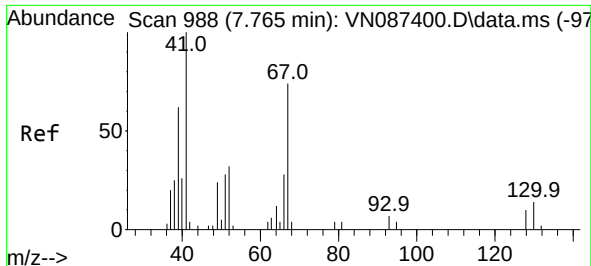
Tgt Ion:117 Resp: 48385
Ion Ratio Lower Upper
117 100
119 98.1 72.7 109.1
121 31.0 21.1 31.7



#34
Benzene
Concen: 15.897 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 78 Resp: 130026
Ion Ratio Lower Upper
78 100
77 20.6 18.2 27.2
51 16.1 13.8 20.8

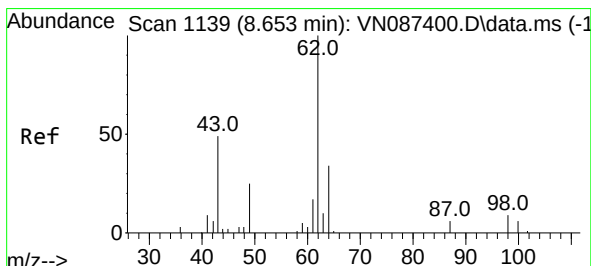
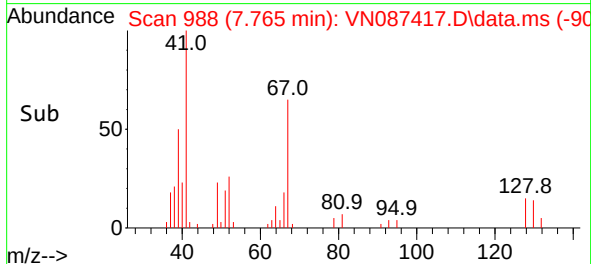
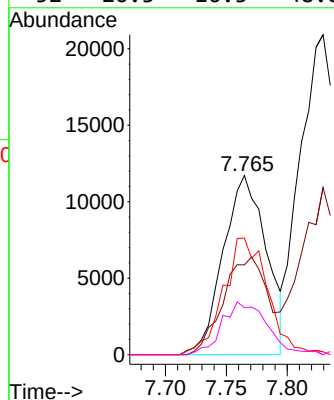
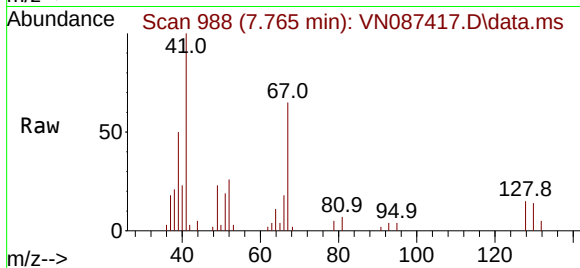




#35
Methacrylonitrile
Concen: 15.926 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

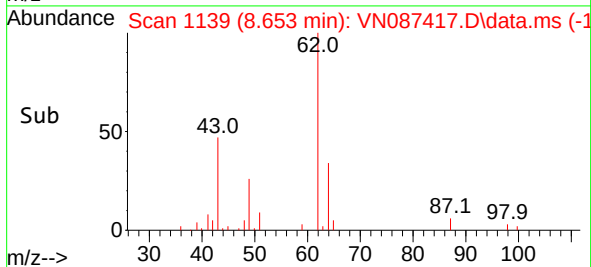
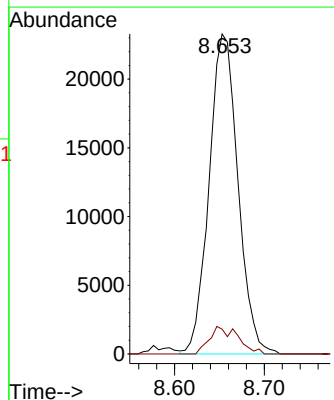
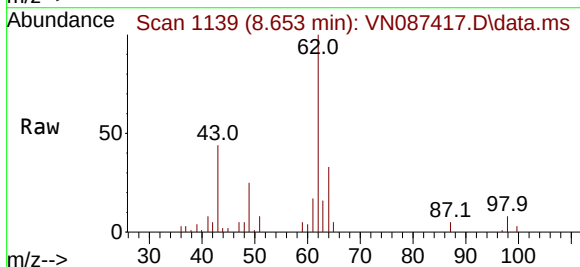
Instrument :
MSVOA_N
ClientSampleId :

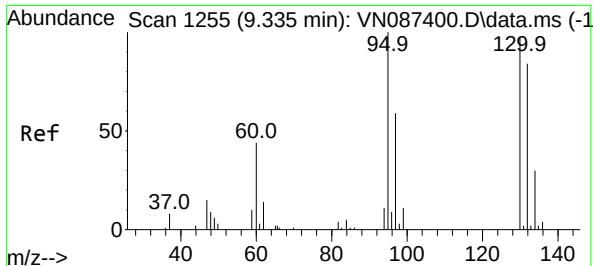
Tgt Ion:	41	Resp:	28884
Ion	Ratio	Lower	Upper
41	100		
39	50.1	31.0	93.0
67	65.1	36.8	110.3
52	26.3	16.3	48.8



#36
1,2-Dichloroethane
Concen: 16.131 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:	62	Resp:	52051
Ion	Ratio	Lower	Upper
62	100		
98	5.1	6.6	9.8#





#37

Trichloroethene

Concen: 16.768 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

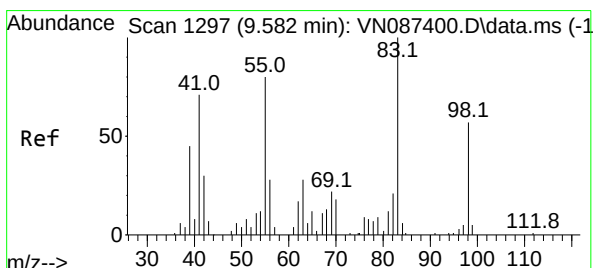
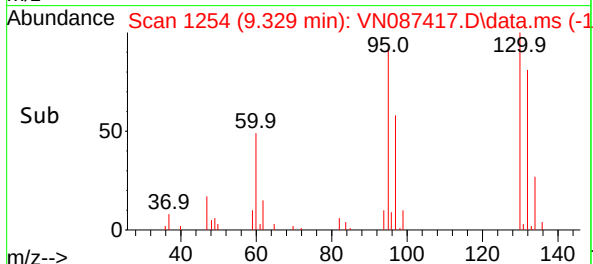
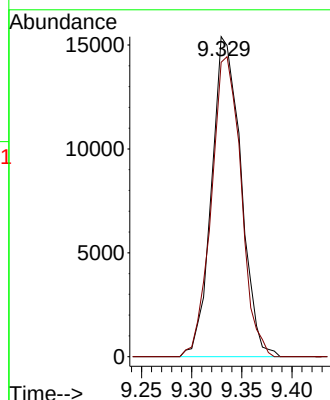
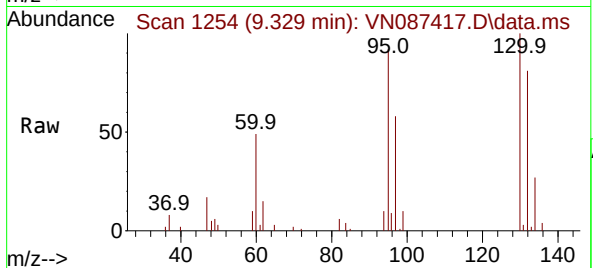
ClientSampleId :

Tgt Ion:130 Resp: 31298

Ion Ratio Lower Upper

130 100

95 92.0 82.4 123.6



#38

Methylcyclohexane

Concen: 16.025 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

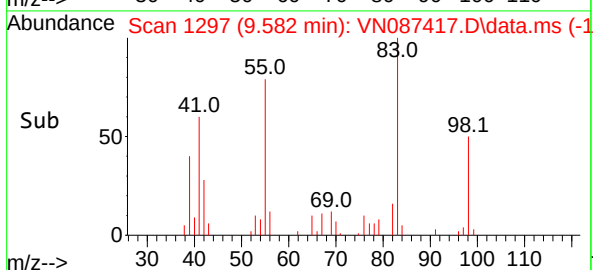
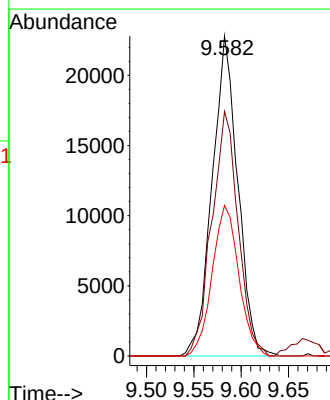
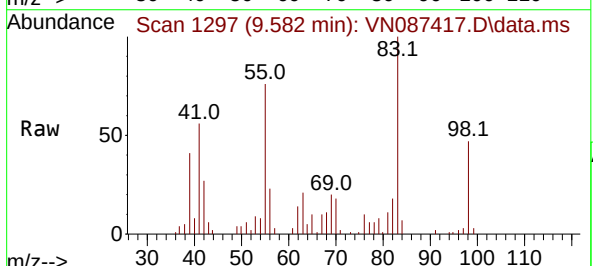
Tgt Ion: 83 Resp: 42901

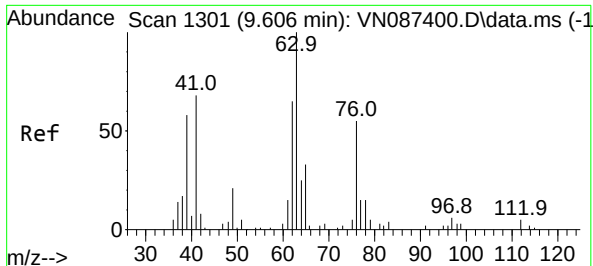
Ion Ratio Lower Upper

83 100

55 78.4 40.9 122.8

98 49.1 25.6 76.6

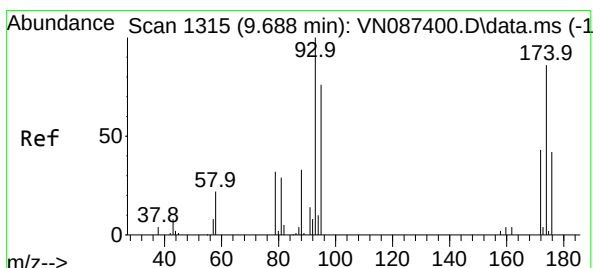
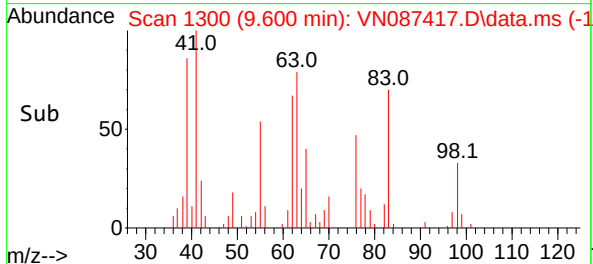
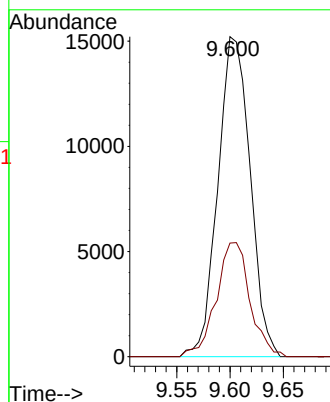
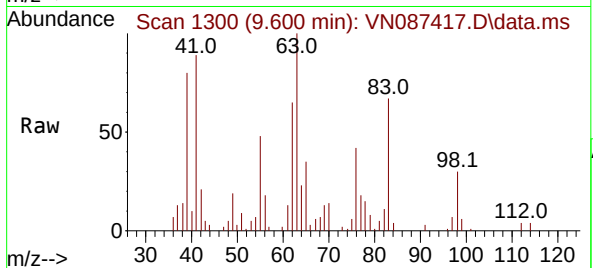




#39
1,2-Dichloropropane
Concen: 15.599 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

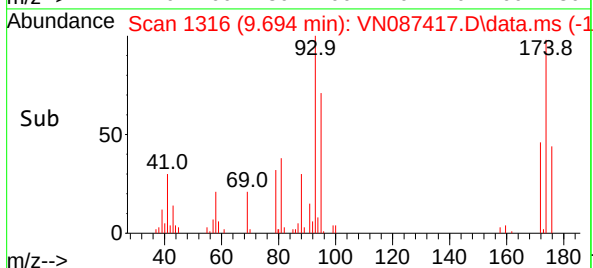
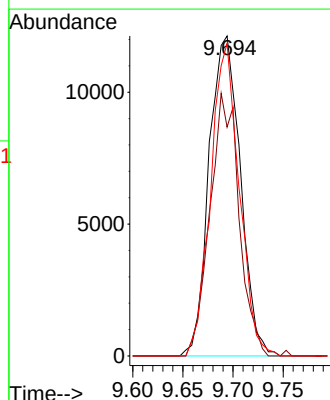
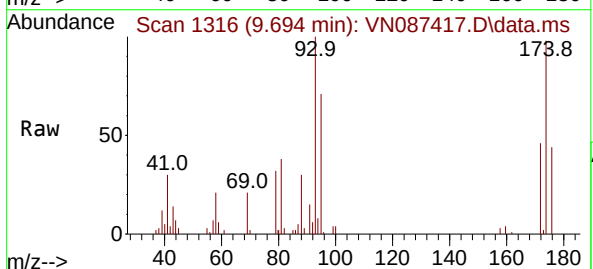
Instrument :
MSVOA_N
ClientSampleId :

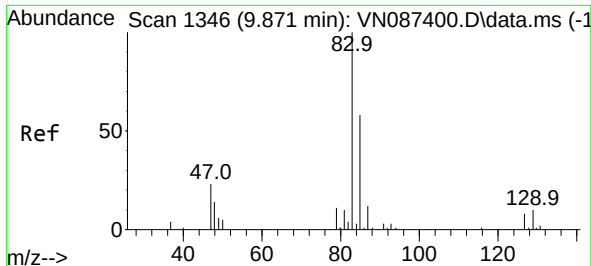
Tgt Ion: 63 Resp: 32052
Ion Ratio Lower Upper
63 100
65 35.5 26.1 39.1



#40
Dibromomethane
Concen: 16.523 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 93 Resp: 26268
Ion Ratio Lower Upper
93 100
95 76.4 0.0 161.8
174 89.3 0.0 177.6

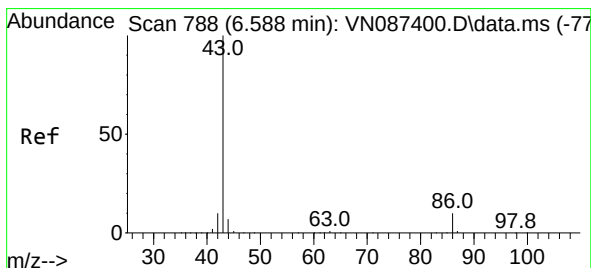
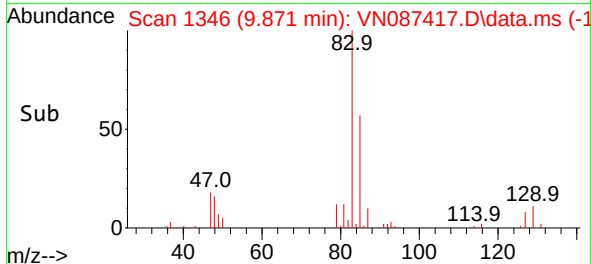
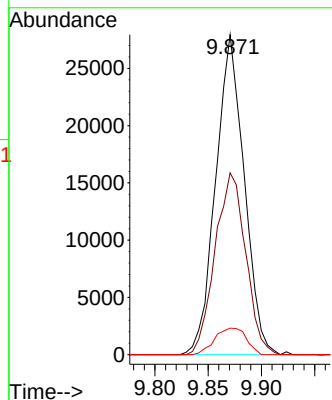
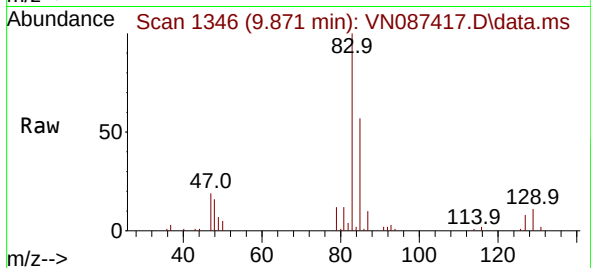




#41
Bromodichloromethane
Concen: 16.442 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

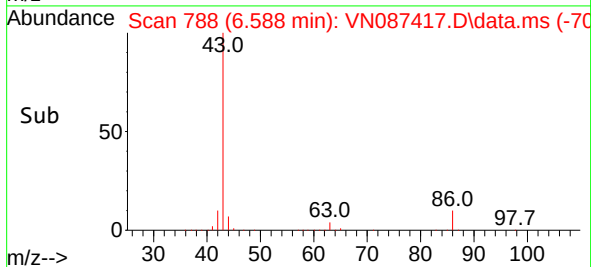
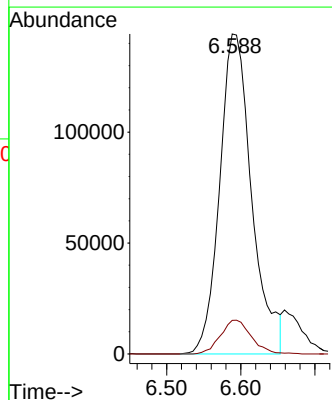
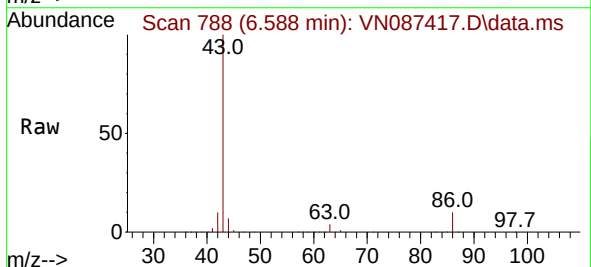
Instrument :
MSVOA_N
ClientSampleId :

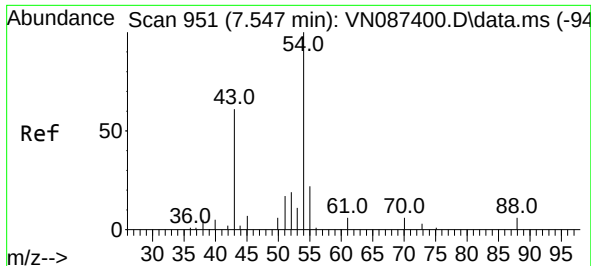
Tgt Ion: 83 Resp: 51899
Ion Ratio Lower Upper
83 100
85 56.8 46.2 69.2
127 8.3 6.1 9.1



#42
Vinyl Acetate
Concen: 74.182 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

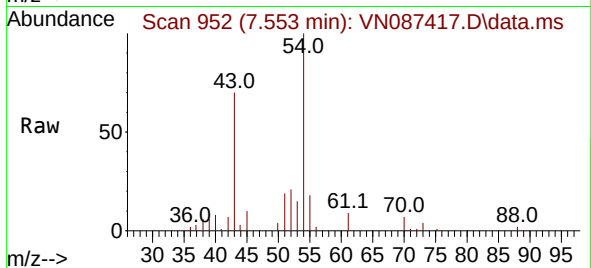
Tgt Ion: 43 Resp: 433407
Ion Ratio Lower Upper
43 100
86 10.2 8.1 12.1



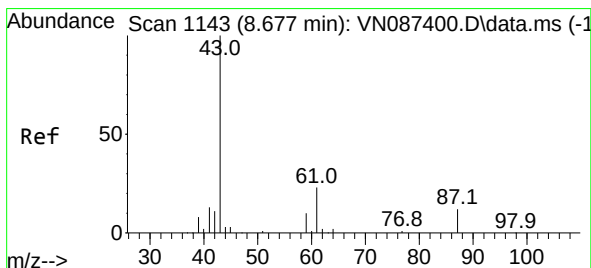
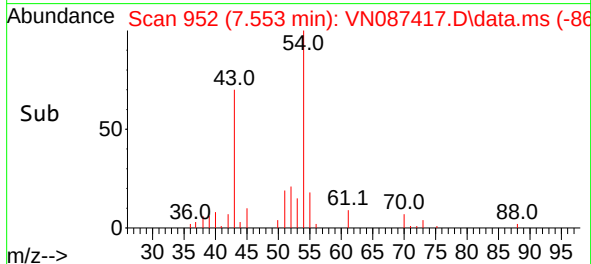
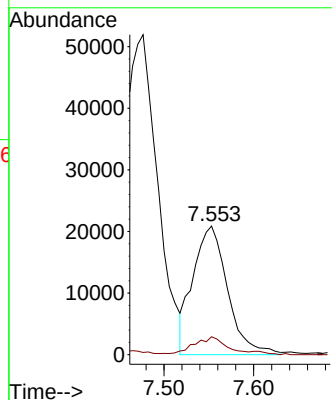


#43
Ethyl Acetate
Concen: 15.966 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

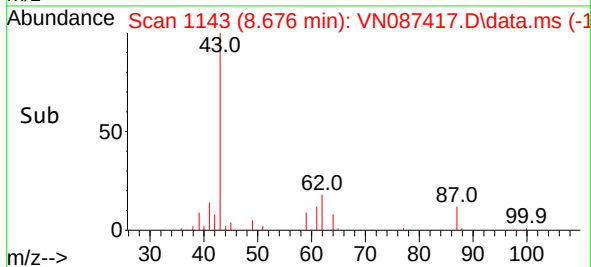
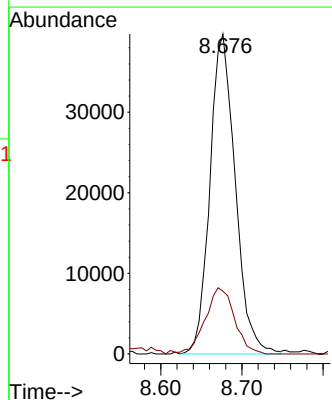
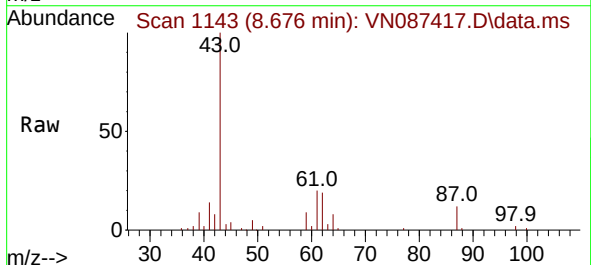


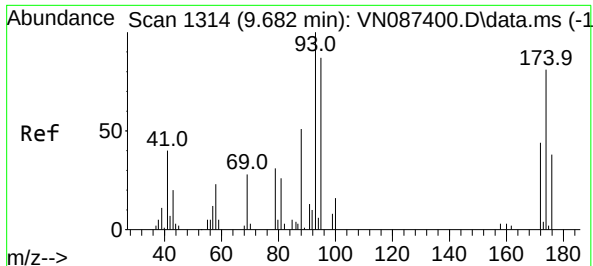
Tgt Ion: 43 Resp: 56060
Ion Ratio Lower Upper
43 100
45 11.7 5.6 8.4#



#44
Isopropyl Acetate
Concen: 15.523 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 43 Resp: 86042
Ion Ratio Lower Upper
43 100
61 23.9 20.1 30.1

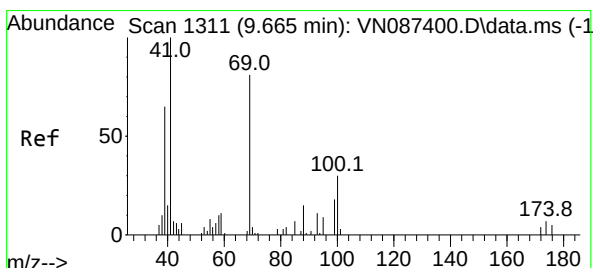
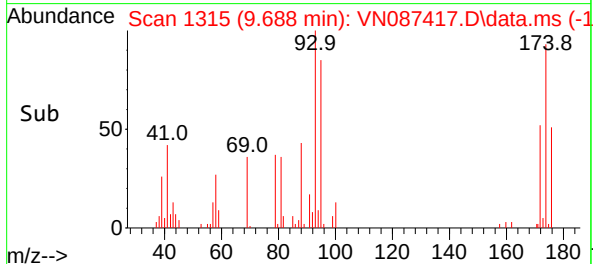
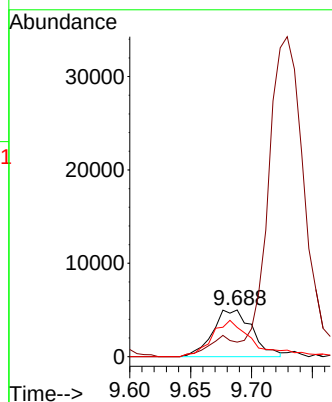
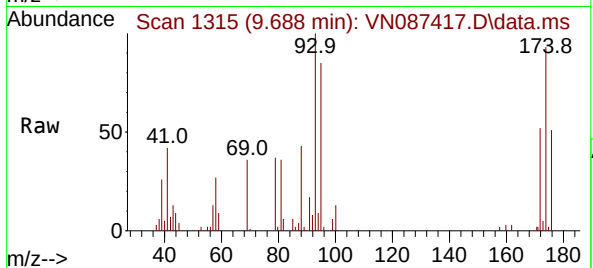




#45
1,4-Dioxane
Concen: 331.204 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

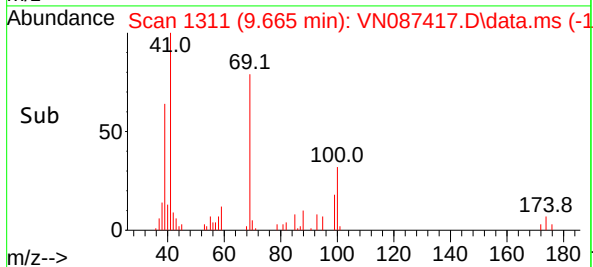
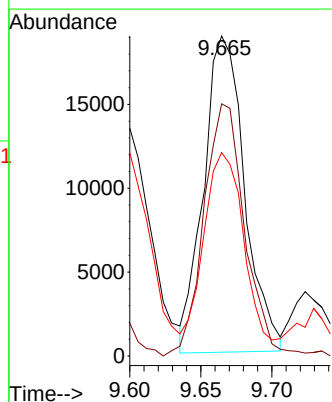
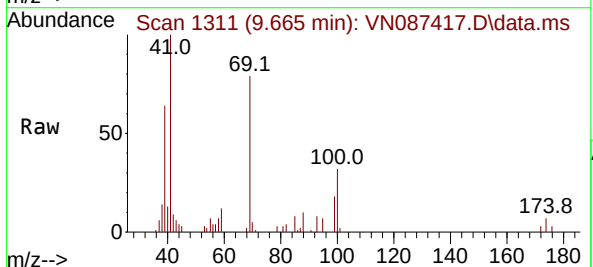
Instrument :
MSVOA_N
ClientSampleId :

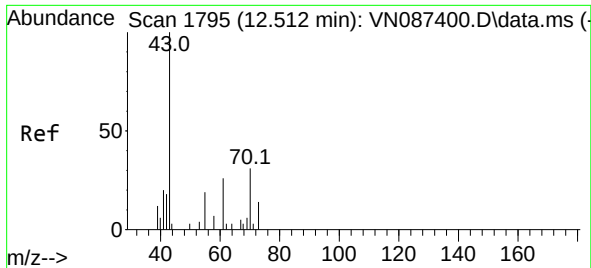
Tgt Ion: 88 Resp: 11311
Ion Ratio Lower Upper
88 100
43 30.4 29.6 44.4
58 74.4 23.5 35.3#



#46
Methyl methacrylate
Concen: 14.834 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 41 Resp: 37866
Ion Ratio Lower Upper
41 100
69 81.6 39.5 118.5
39 61.8 31.6 94.7

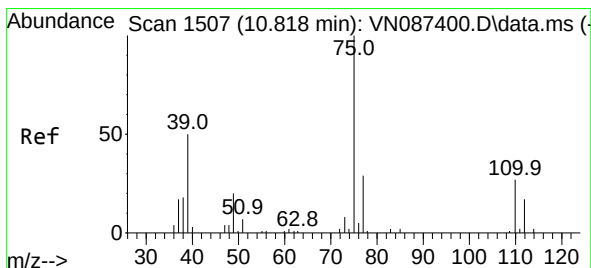
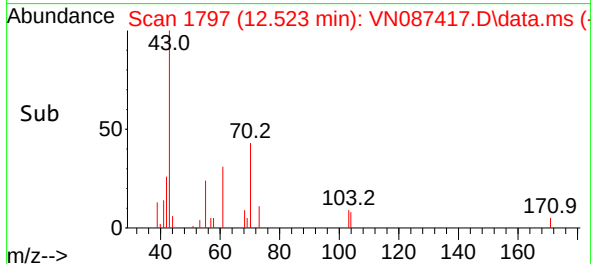
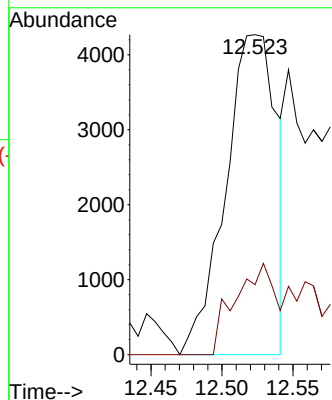
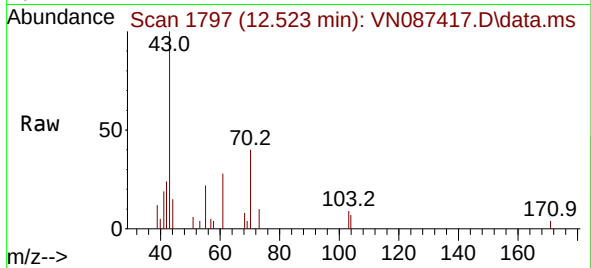




#47
n-amyl acetate
Concen: 3.211 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

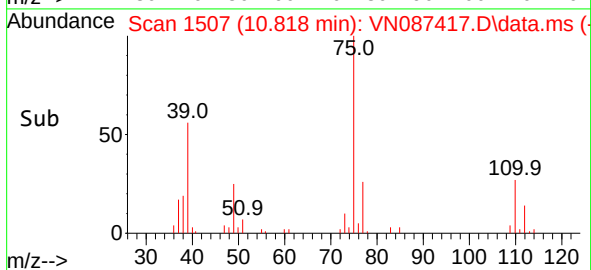
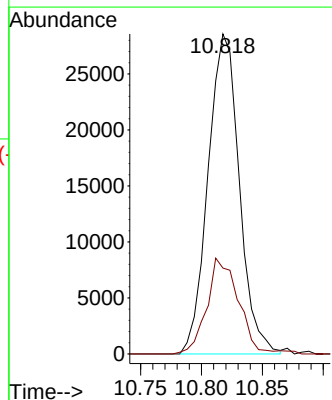
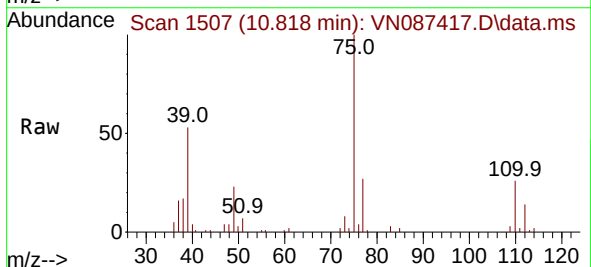
Instrument :
MSVOA_N
ClientSampleId :

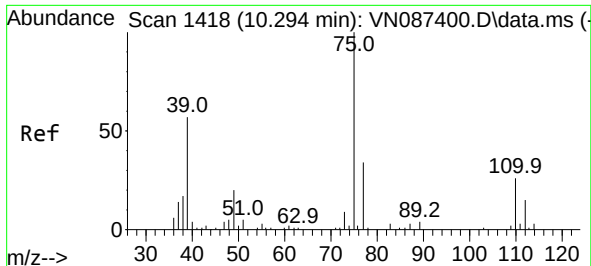
Tgt Ion: 43 Resp: 10665
Ion Ratio Lower Upper
43 100
55 17.6 0.6 0.8#



#48
t-1,3-Dichloropropene
Concen: 15.171 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 75 Resp: 51084
Ion Ratio Lower Upper
75 100
77 26.3 23.6 35.4

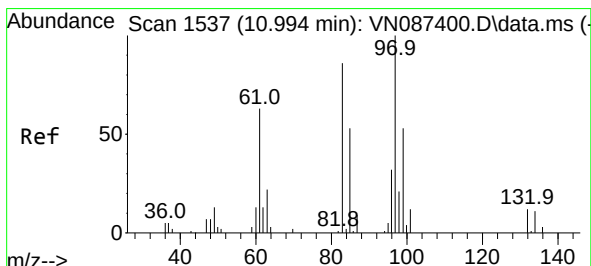
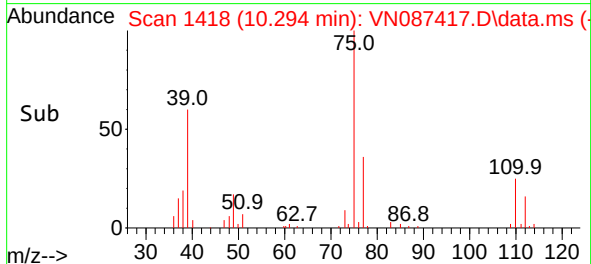
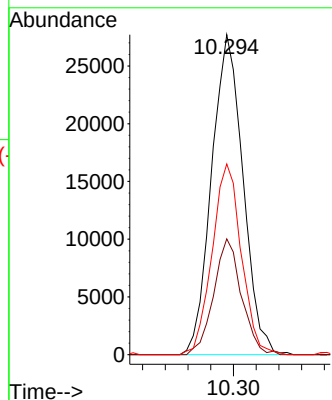
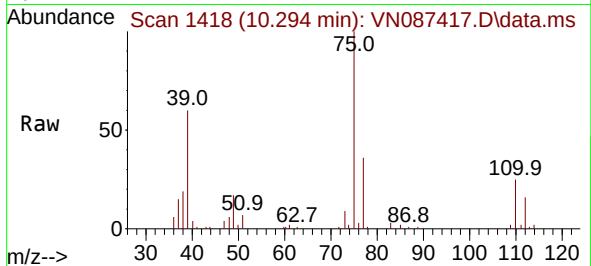




#49
 cis-1,3-Dichloropropene
 Concen: 15.795 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

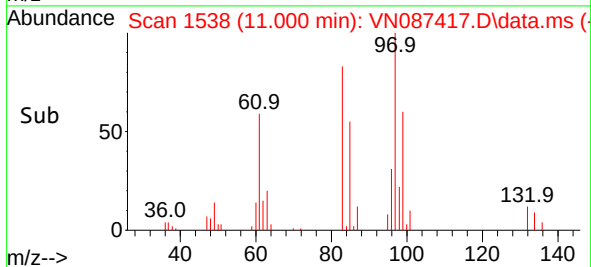
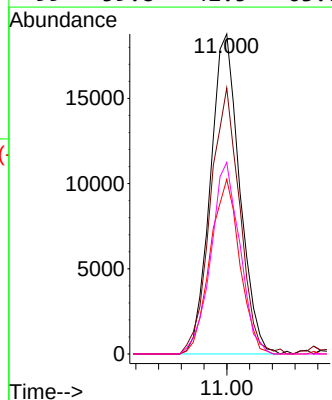
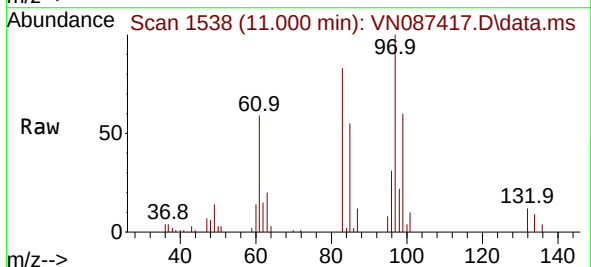
Instrument :
 MSVOA_N
 ClientSampleId :

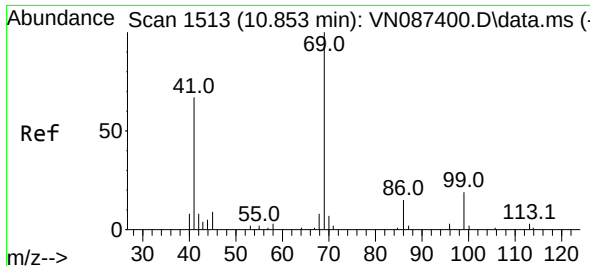
Tgt Ion: 75 Resp: 53192
 Ion Ratio Lower Upper
 75 100
 77 36.2 27.4 41.0
 39 59.6 46.3 69.5



#50
 1,1,2-Trichloroethane
 Concen: 16.375 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Tgt Ion: 97 Resp: 33621
 Ion Ratio Lower Upper
 97 100
 83 83.1 68.9 103.3
 85 54.6 42.2 63.2
 99 59.8 42.5 63.7

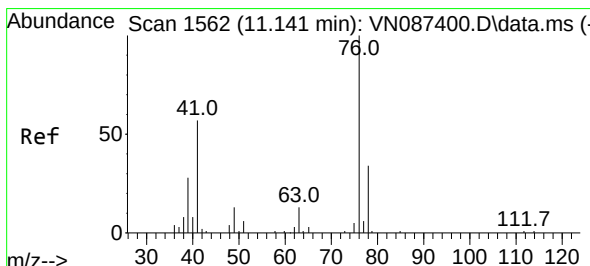
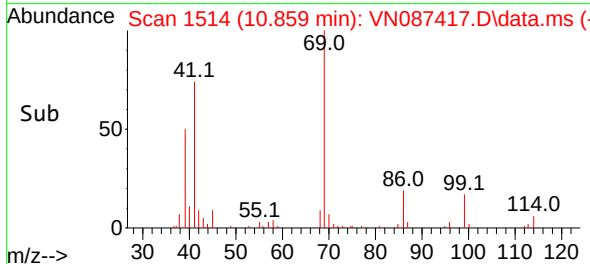
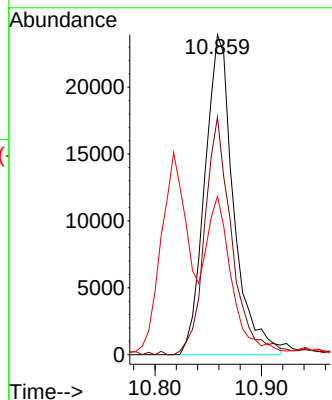
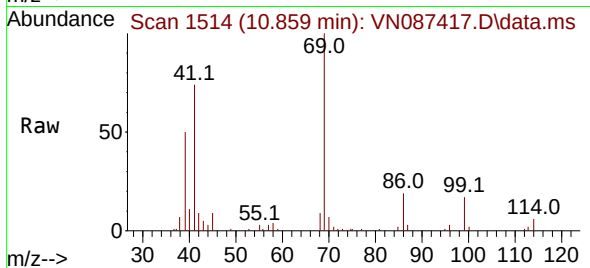




#51
Ethyl methacrylate
Concen: 14.328 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

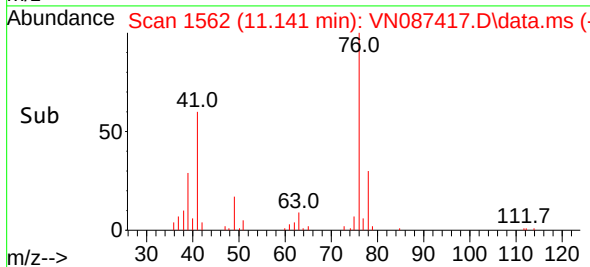
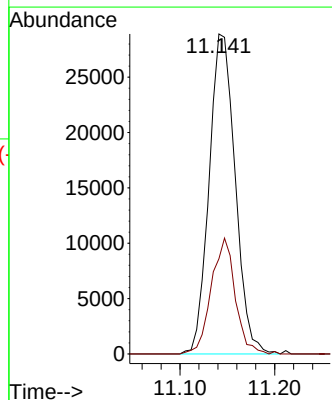
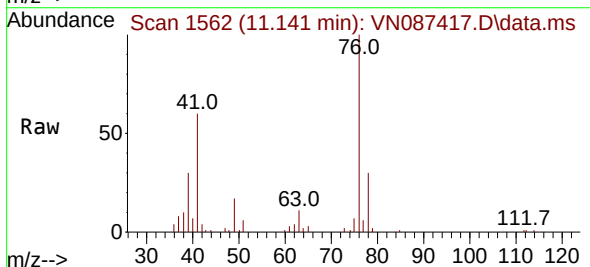
Instrument :
MSVOA_N
ClientSampleId :

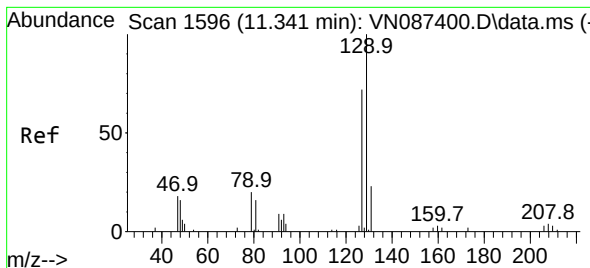
Tgt Ion: 69 Resp: 44985
Ion Ratio Lower Upper
69 100
41 73.2 33.7 101.1
39 48.2 21.6 65.0



#52
1,3-Dichloropropane
Concen: 15.660 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 76 Resp: 55283
Ion Ratio Lower Upper
76 100
78 33.2 0.0 67.4





#53

Dibromochloromethane

Concen: 15.485 ug/l

RT: 11.341 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

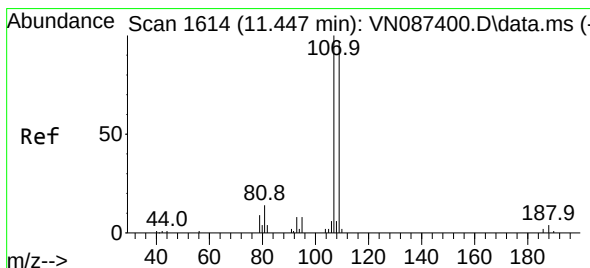
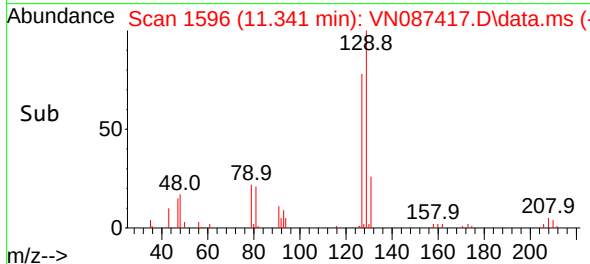
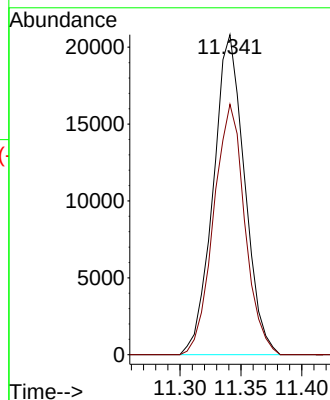
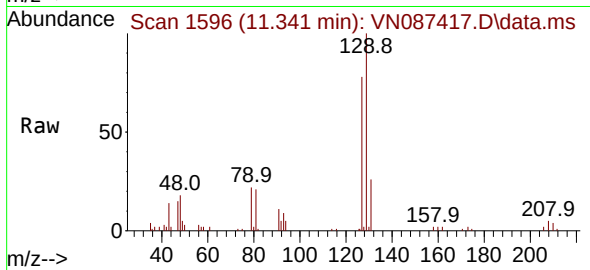
ClientSampleId :

Tgt Ion:129 Resp: 37263

Ion Ratio Lower Upper

129 100

127 77.9 38.7 116.1



#54

1,2-Dibromoethane

Concen: 15.969 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VN087417.D

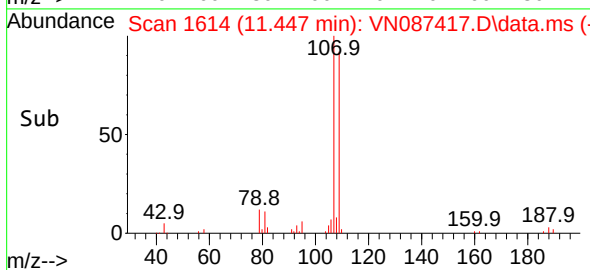
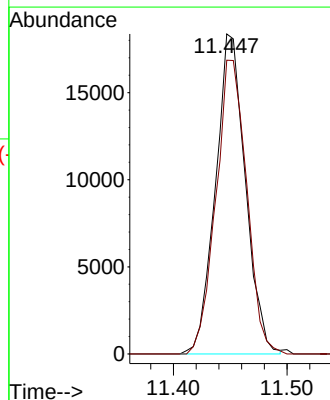
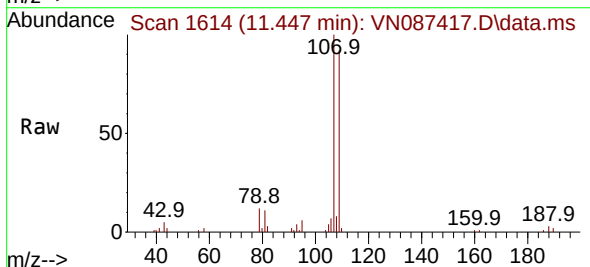
Acq: 24 Jul 2025 16:11

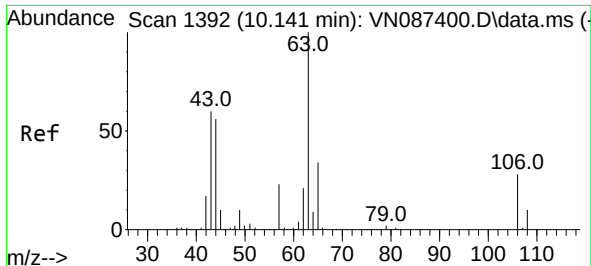
Tgt Ion:107 Resp: 33606

Ion Ratio Lower Upper

107 100

109 94.5 74.6 112.0

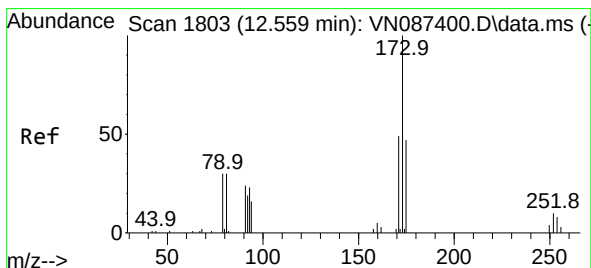
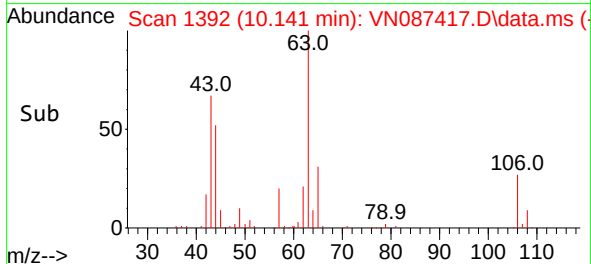
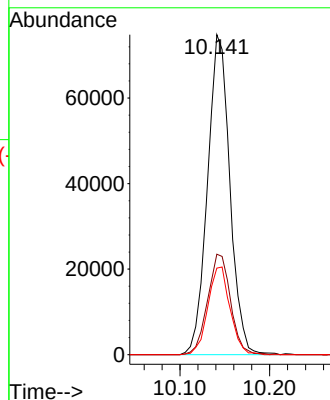
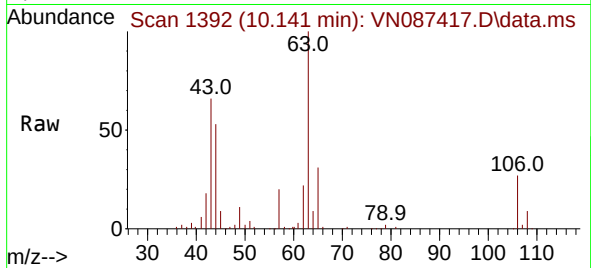




#55
2-Chloroethyl vinyl ether
Concen: 74.253 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

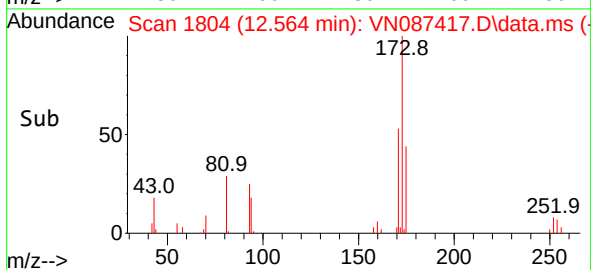
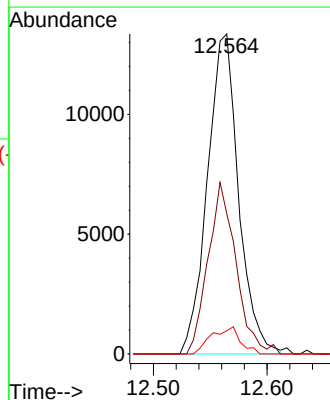
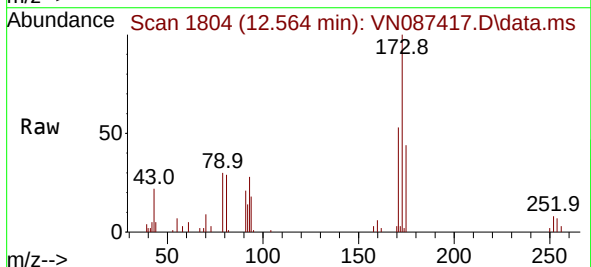
Instrument :
MSVOA_N
ClientSampleId :

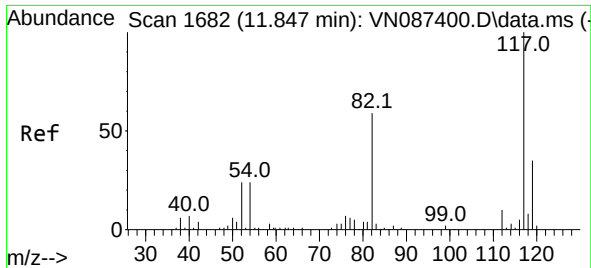
Tgt Ion: 63 Resp: 129691
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.8
106 27.2 23.0 34.4



#56
Bromoform
Concen: 14.855 ug/l
RT: 12.564 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:173 Resp: 25425
Ion Ratio Lower Upper
173 100
175 47.6 38.4 57.6
254 7.9 6.7 10.1

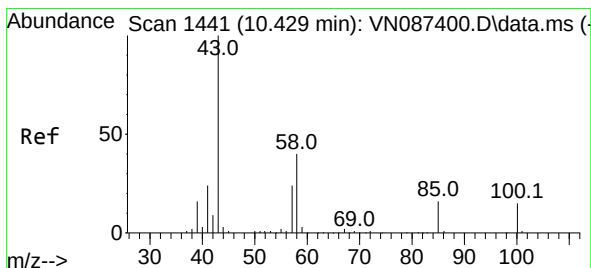
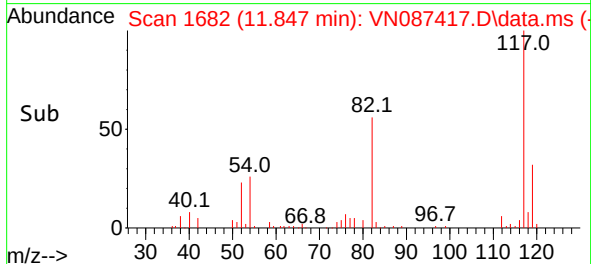
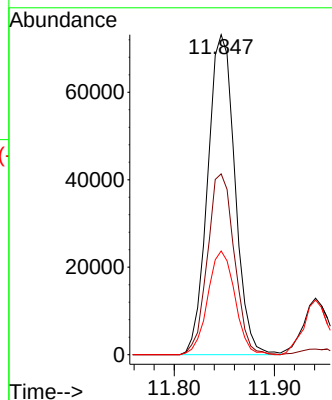
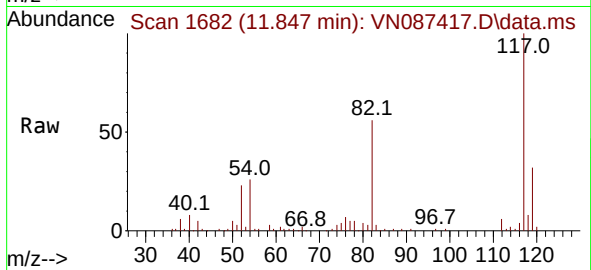




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

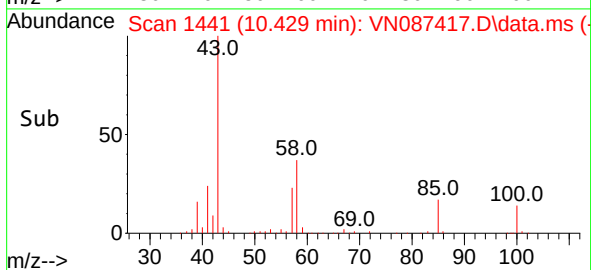
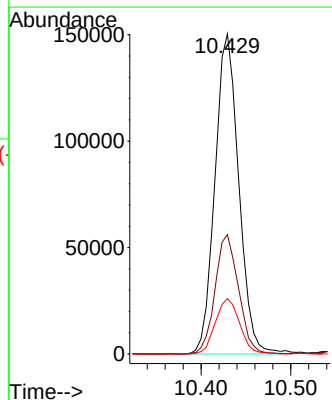
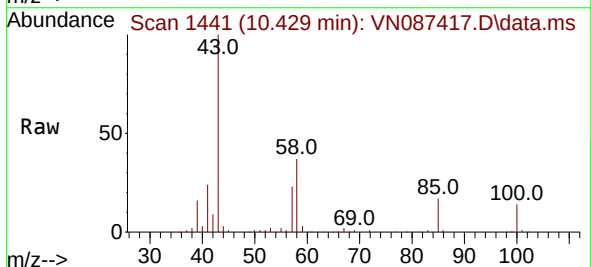
Instrument :
MSVOA_N
ClientSampleId :

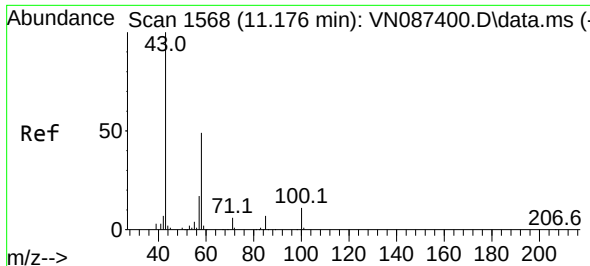
Tgt Ion:117 Resp: 138220
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 81.805 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 43 Resp: 276488
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3
85 17.6 13.3 19.9

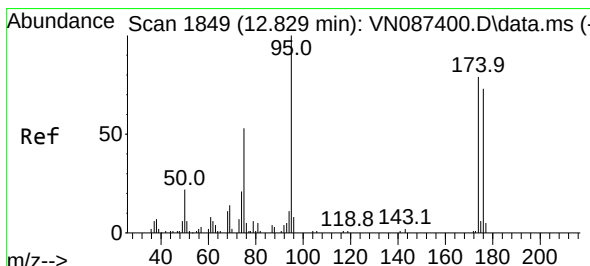
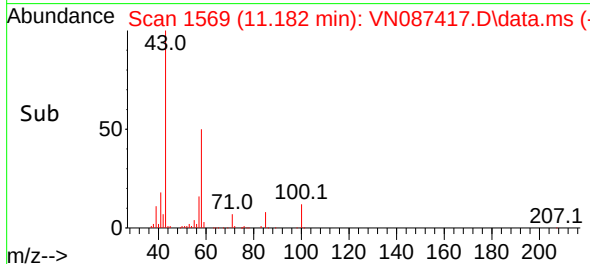
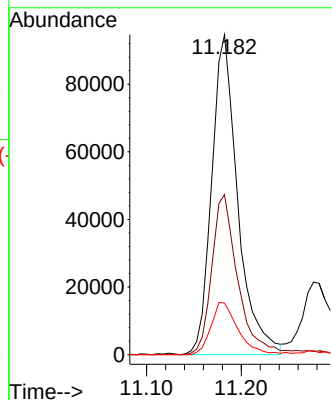
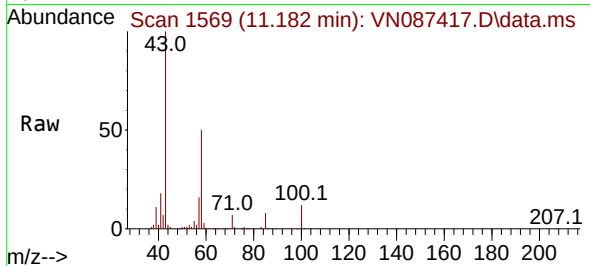




#59
2-Hexanone
Concen: 79.429 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

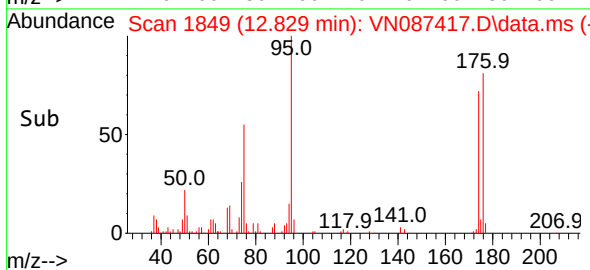
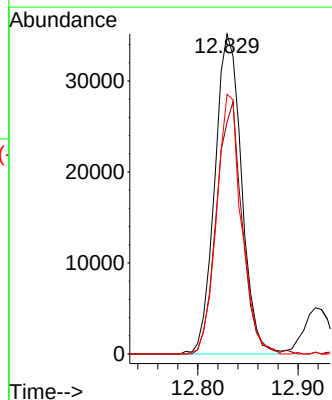
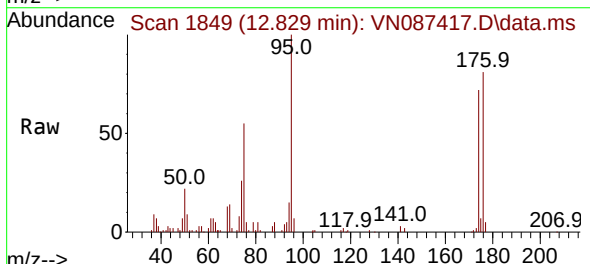
Instrument :
MSVOA_N
ClientSampleId :

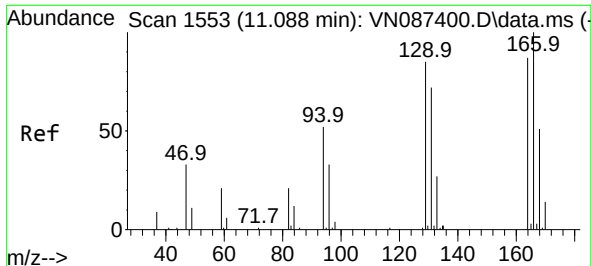
Tgt Ion: 43 Resp: 181201
Ion Ratio Lower Upper
43 100
58 49.3 40.5 60.7
57 17.0 14.0 21.0



#60
4-Bromofluorobenzene
Concen: 28.223 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

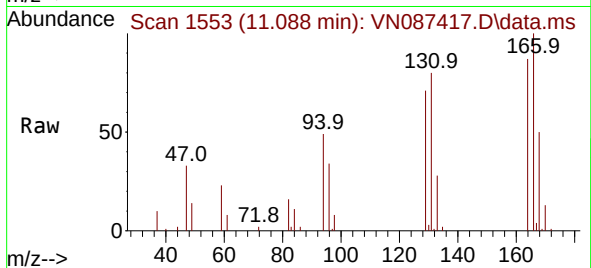
Tgt Ion: 95 Resp: 65082
Ion Ratio Lower Upper
95 100
174 75.4 62.1 93.1
176 76.0 57.9 86.9



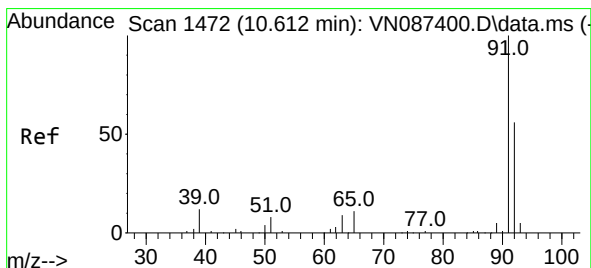
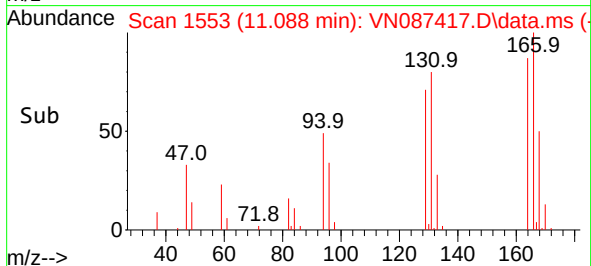
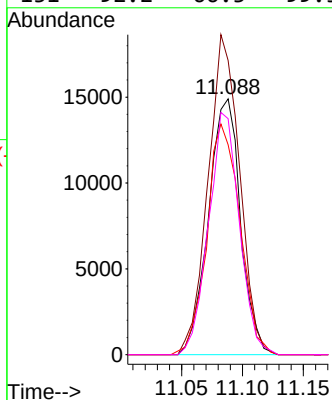


#61
Tetrachloroethene
Concen: 17.639 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

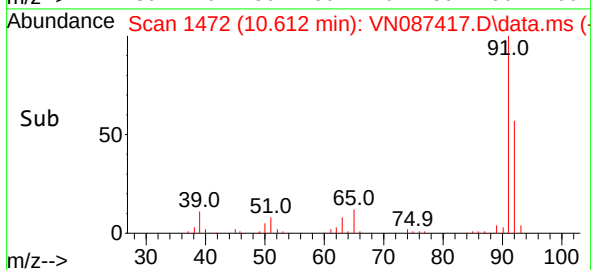
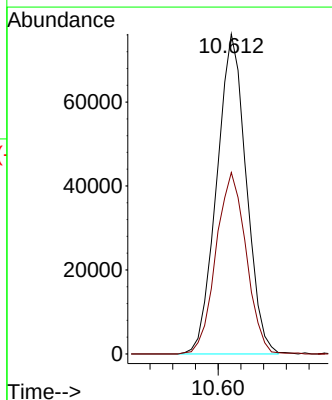
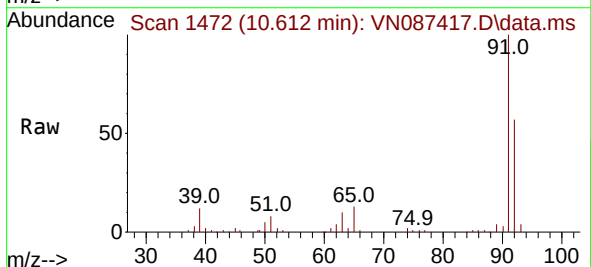


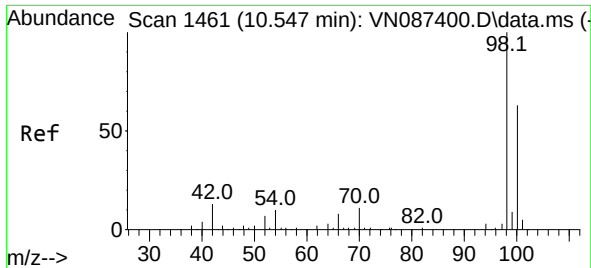
Tgt Ion:	164	Resp:	27226
Ion	Ratio	Lower	Upper
164	100		
166	115.0	91.7	137.5
129	82.0	77.8	116.6
131	92.2	66.3	99.5



#62
Toluene
Concen: 16.281 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:	91	Resp:	137046
Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.4	71.0

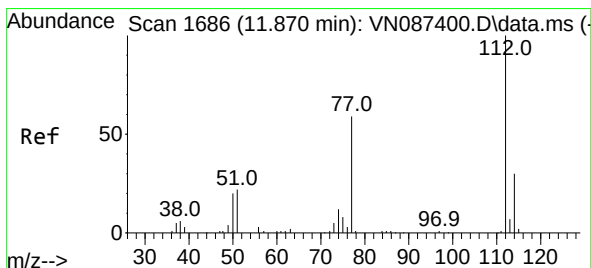
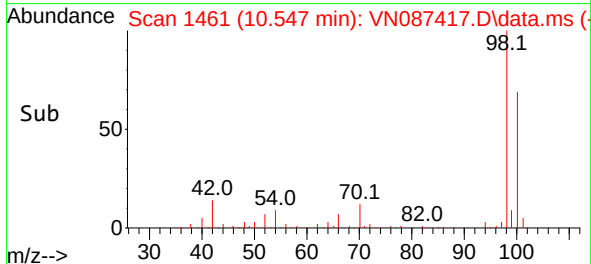
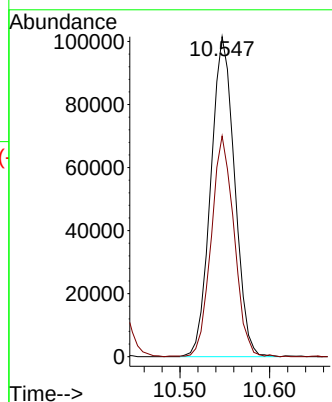
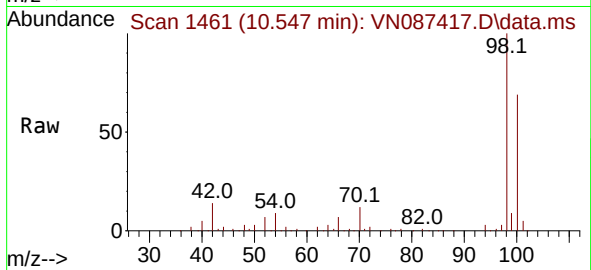




#63
Toluene-d8
Concen: 29.782 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

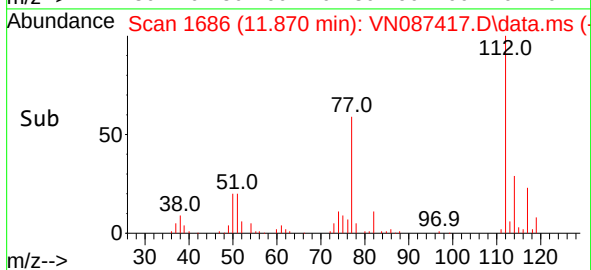
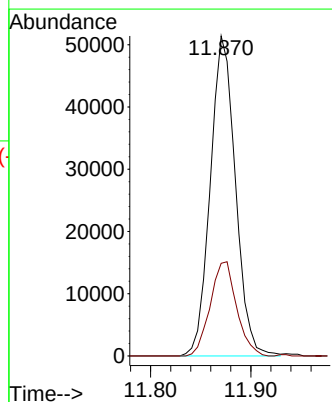
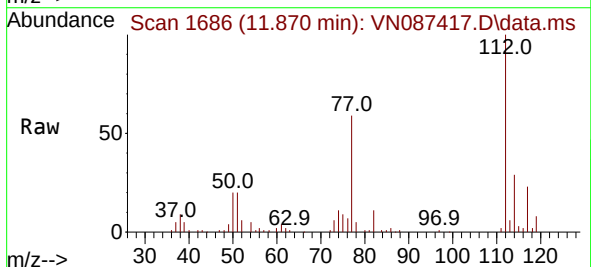
Instrument :
MSVOA_N
ClientSampleId :

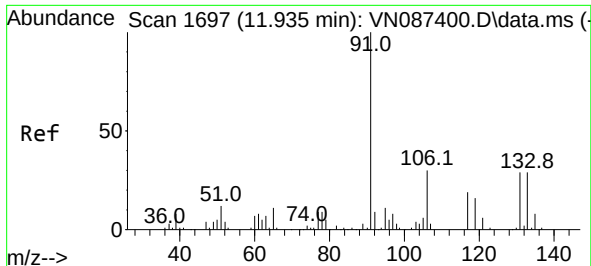
Tgt Ion: 98 Resp: 187205
Ion Ratio Lower Upper
98 100
100 66.0 51.1 76.7



#64
Chlorobenzene
Concen: 16.650 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:112 Resp: 89604
Ion Ratio Lower Upper
112 100
114 28.9 24.0 36.0

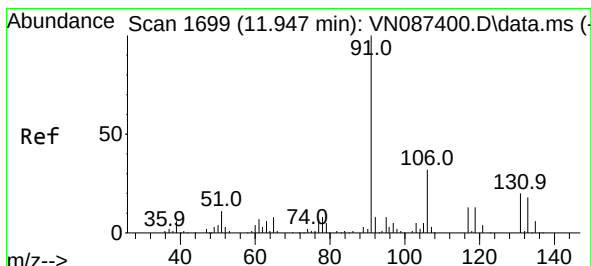
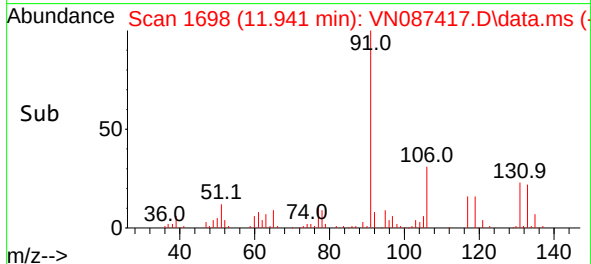
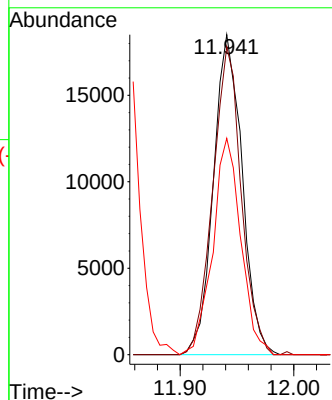
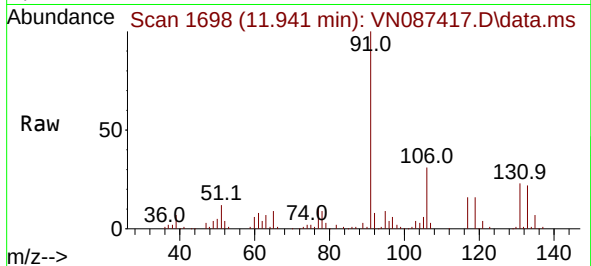




#65
1,1,1,2-Tetrachloroethane
Concen: 16.508 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

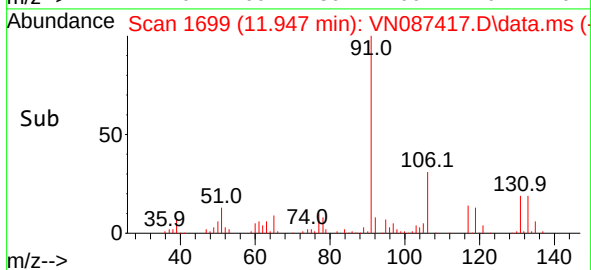
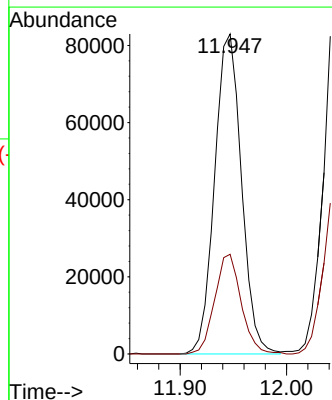
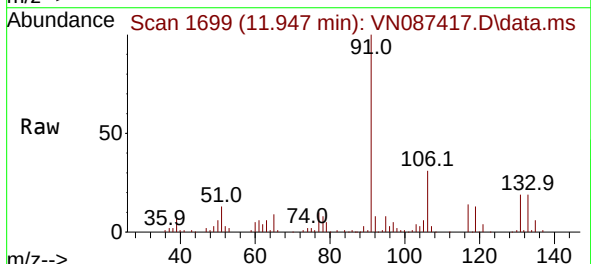
Instrument :
MSVOA_N
ClientSampleId :

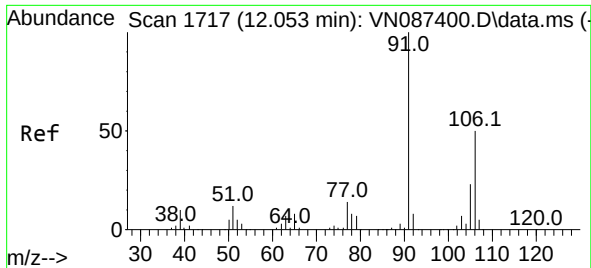
Tgt Ion:131 Resp: 32467
Ion Ratio Lower Upper
131 100
133 95.5 0.0 193.0
119 66.3 0.0 128.2



#66
Ethyl Benzene
Concen: 15.919 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 91 Resp: 145072
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6

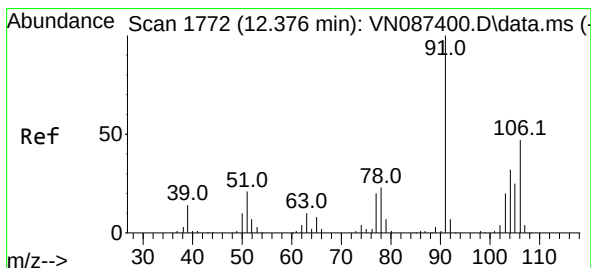
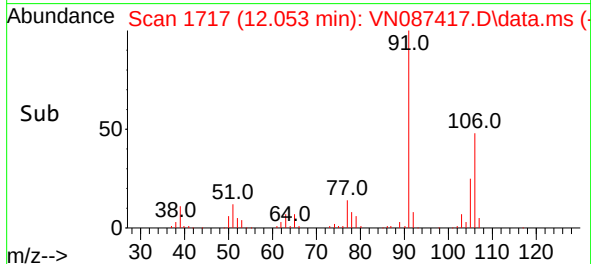
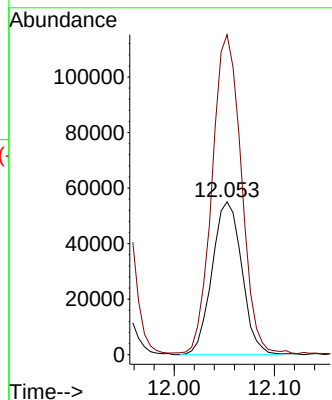
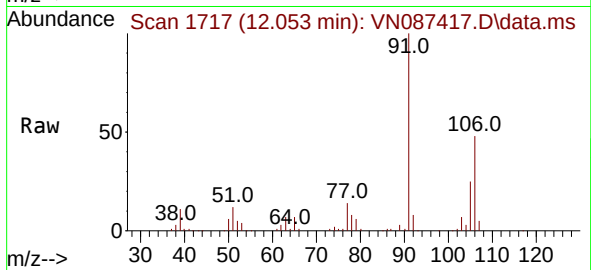




#67
m/p-Xylenes
Concen: 31.497 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

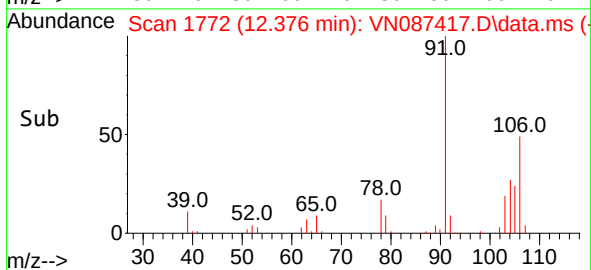
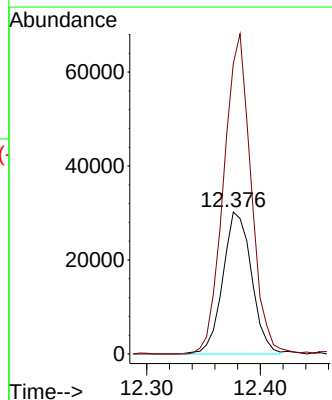
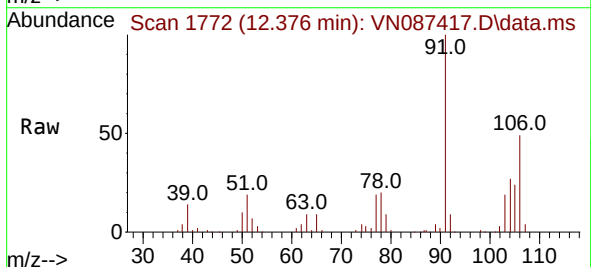
Instrument :
MSVOA_N
ClientSampleId :

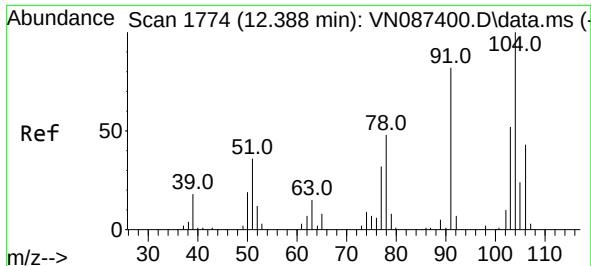
Tgt Ion:106 Resp: 113595
Ion Ratio Lower Upper
106 100
91 205.1 163.4 245.2



#68
o-Xylene
Concen: 15.333 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

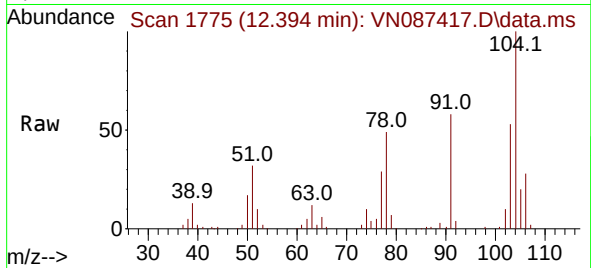
Tgt Ion:106 Resp: 53045
Ion Ratio Lower Upper
106 100
91 215.4 106.6 319.8



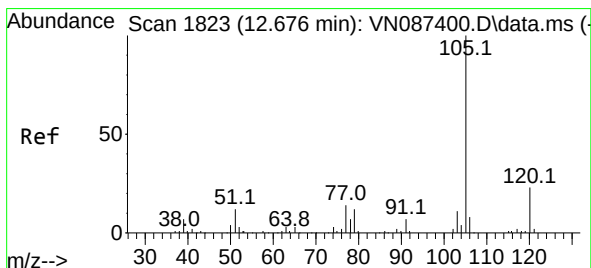
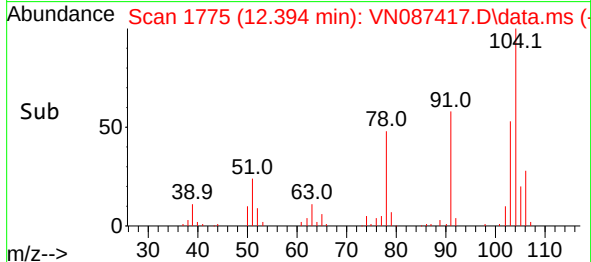
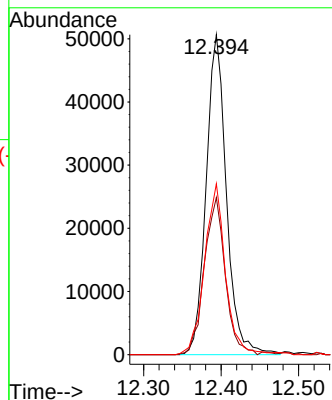


#69
Styrene
Concen: 15.307 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

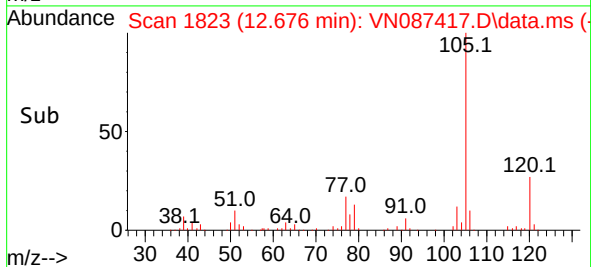
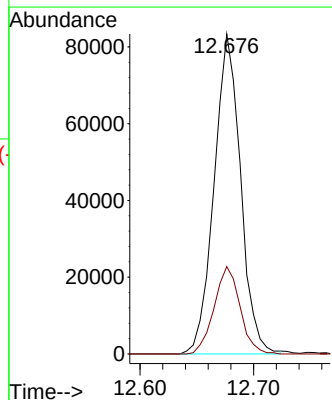
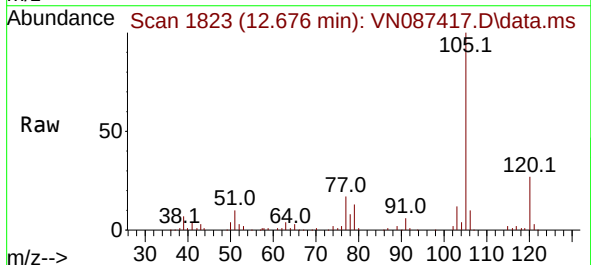


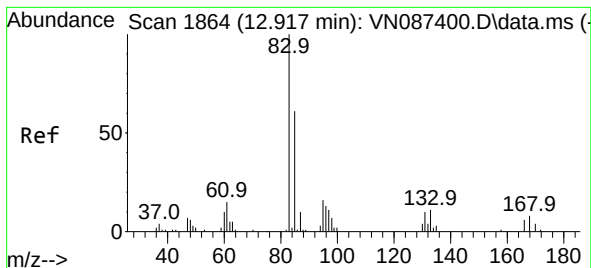
Tgt Ion:104 Resp: 92132
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.7 43.4 65.2



#70
Isopropylbenzene
Concen: 15.482 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:105 Resp: 134896
Ion Ratio Lower Upper
105 100
120 26.7 17.6 32.6

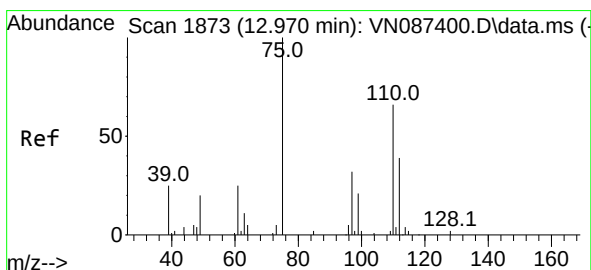
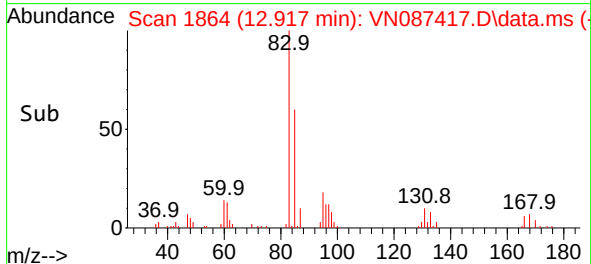
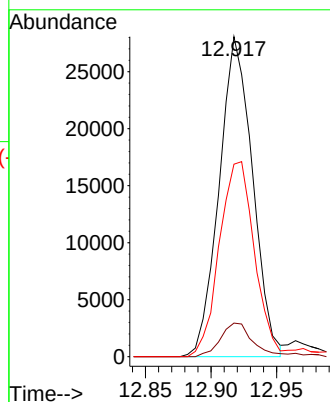
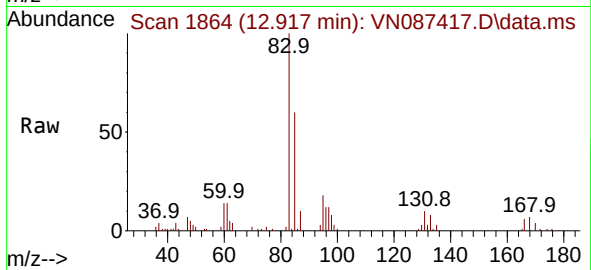




#71
1,1,2,2-Tetrachloroethane
Concen: 16.236 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

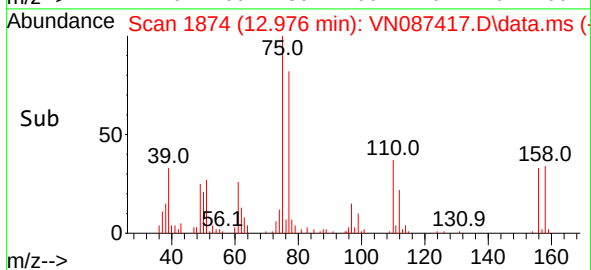
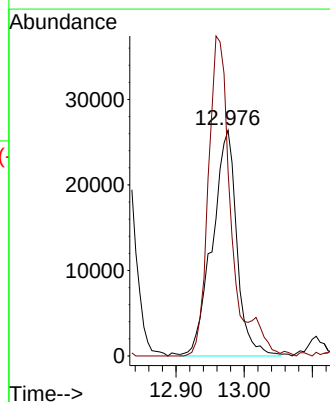
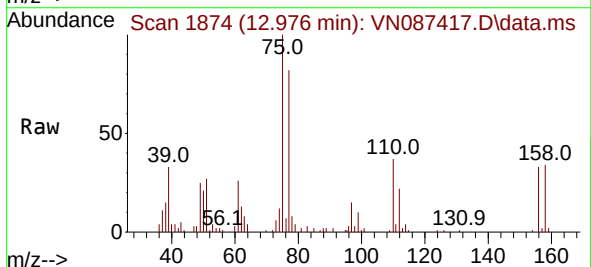
Instrument :
MSVOA_N
ClientSampleId :

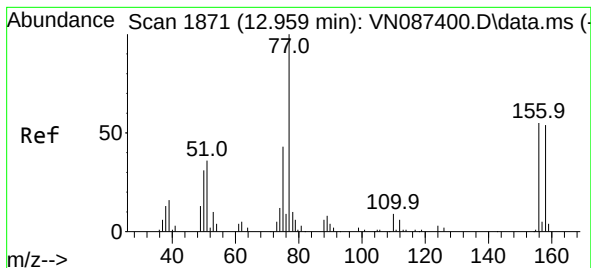
Tgt Ion: 83 Resp: 49764
Ion Ratio Lower Upper
83 100
131 10.2 4.6 13.8
85 63.7 30.6 91.6



#72
1,2,3-Trichloropropane
Concen: 24.192 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 75 Resp: 66242
Ion Ratio Lower Upper
75 100
77 122.2 0.0 361.2





#73

Bromobenzene

Concen: 16.096 ug/l

RT: 12.964 min Scan# 1872

Delta R.T. 0.006 min

Lab File: VN087417.D

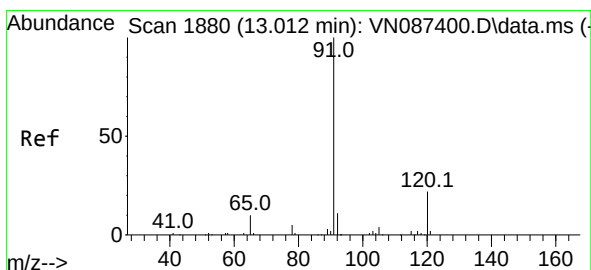
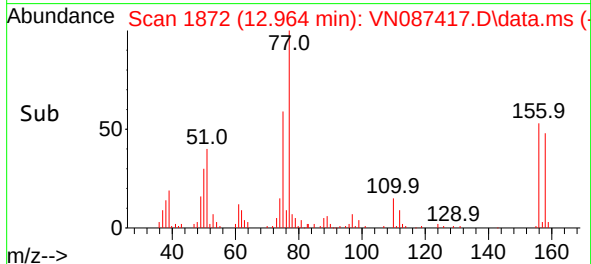
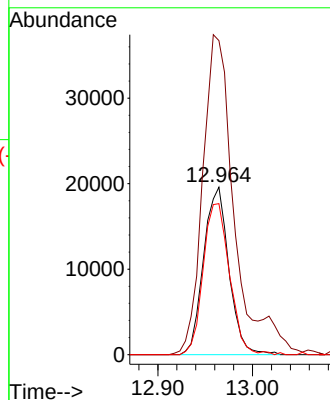
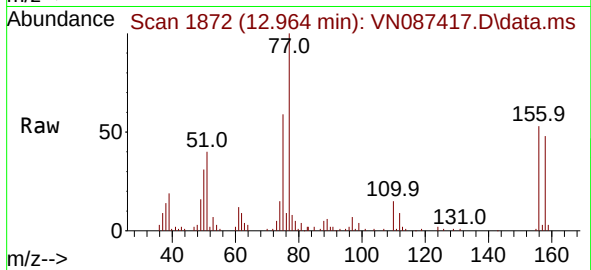
Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	36504
Ion Ratio	Lower	Upper	
156	100		
77	221.7	0.0	440.6
158	93.2	0.0	195.0



#74

n-propylbenzene

Concen: 15.309 ug/l

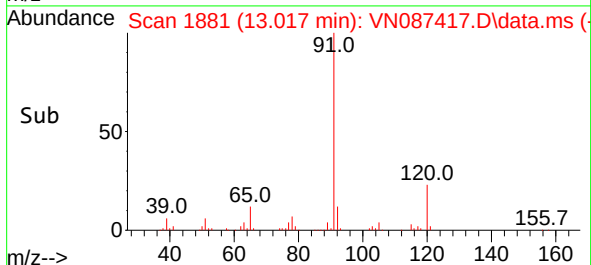
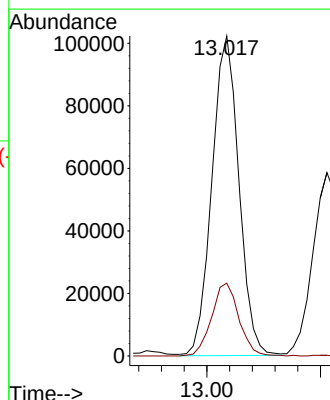
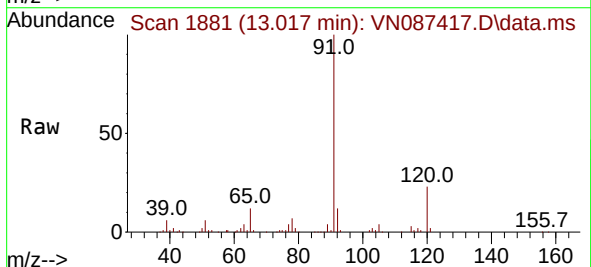
RT: 13.017 min Scan# 1881

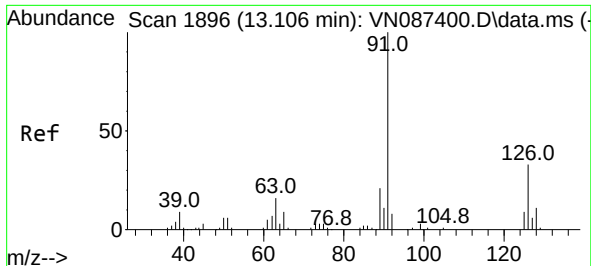
Delta R.T. 0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Tgt Ion:	91	Resp:	168439
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	44.6

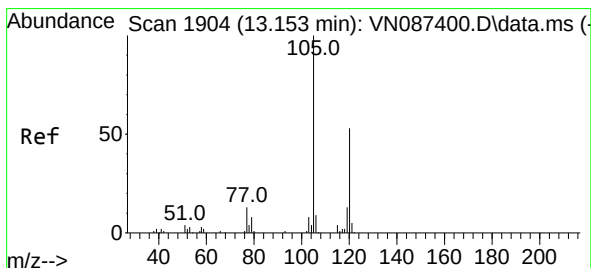
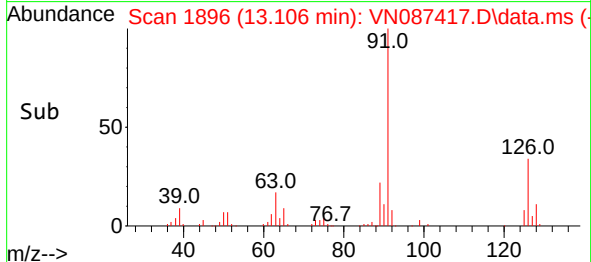
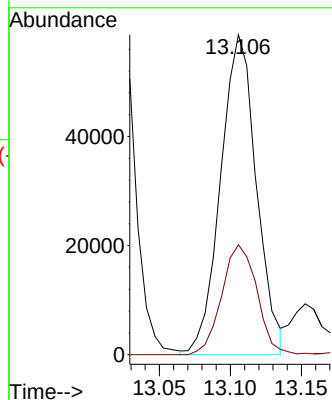
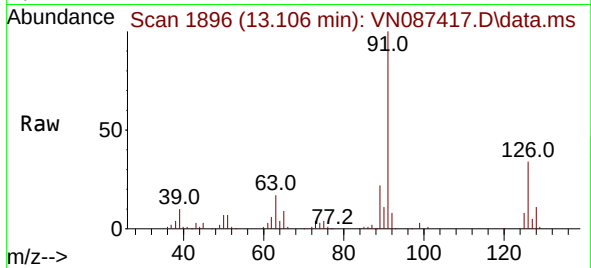




#75
2-Chlorotoluene
Concen: 15.570 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

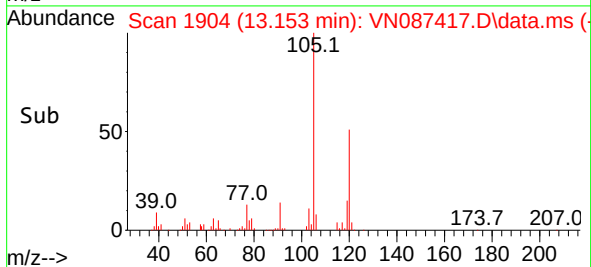
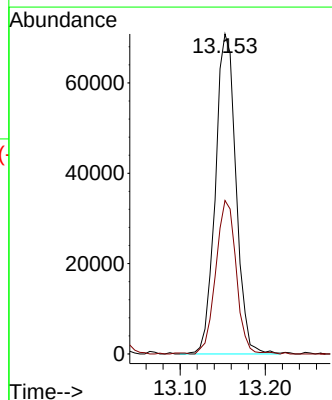
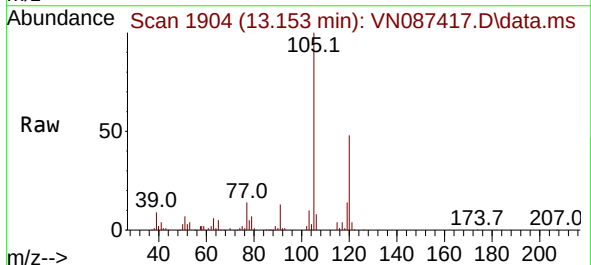
Instrument :
MSVOA_N
ClientSampleId :

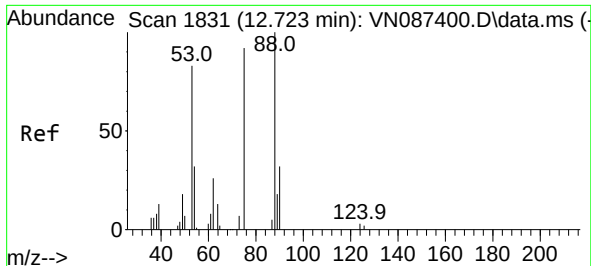
Tgt Ion: 91 Resp: 102892
Ion Ratio Lower Upper
91 100
126 33.7 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 15.709 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:105 Resp: 119058
Ion Ratio Lower Upper
105 100
120 47.2 0.0 97.4

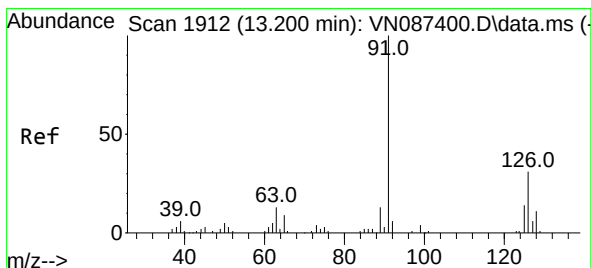
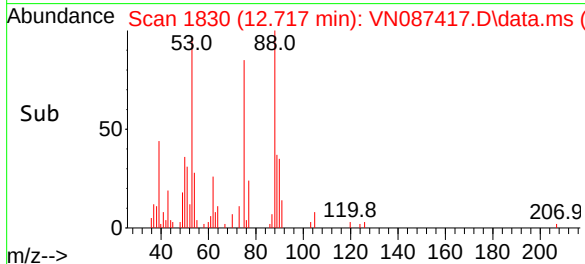
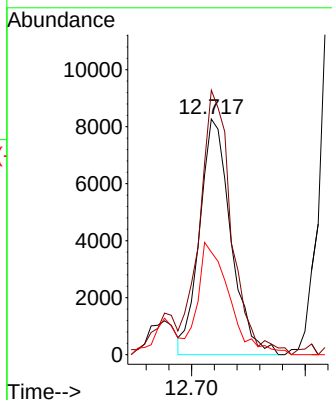
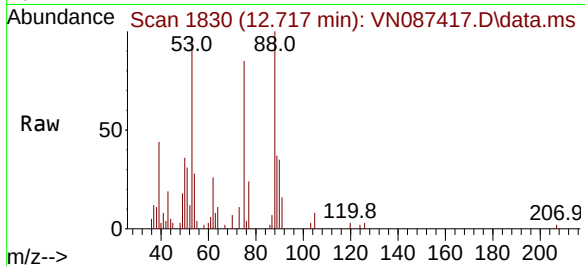




#77
t-1,4-Dichloro-2-butene
Concen: 14.441 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

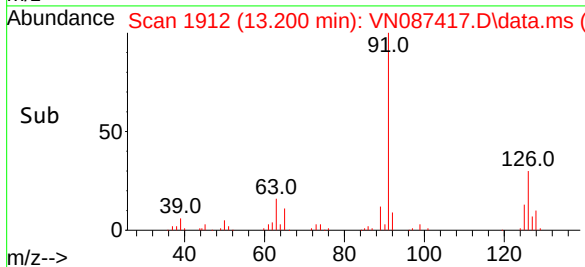
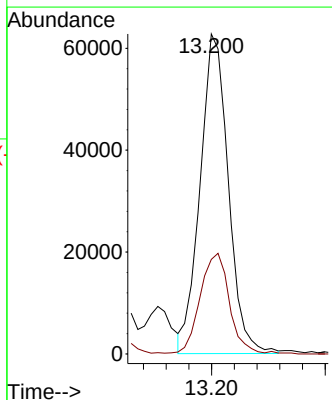
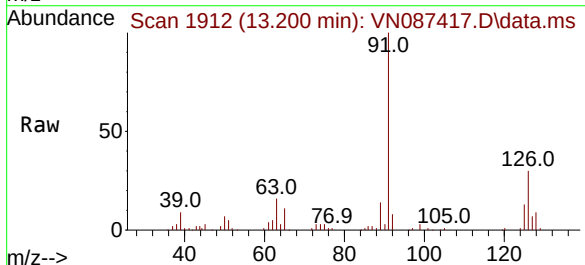
Instrument :
MSVOA_N
ClientSampleId :

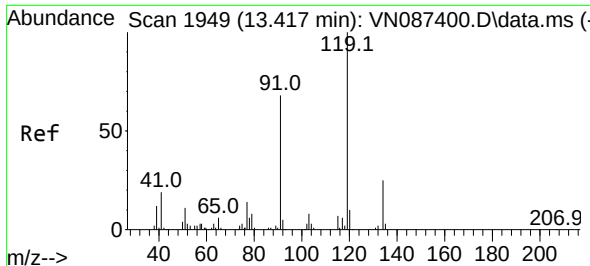
Tgt Ion: 75 Resp: 15803
Ion Ratio Lower Upper
75 100
53 109.4 44.0 131.8
89 41.6 17.0 50.9



#78
4-Chlorotoluene
Concen: 15.373 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion: 91 Resp: 108349
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.6

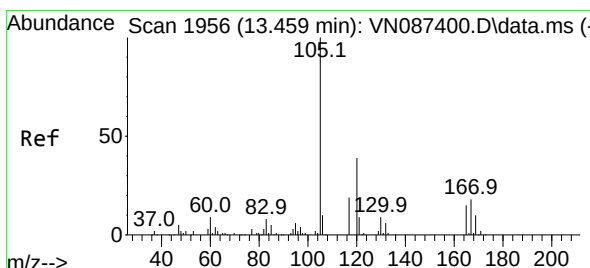
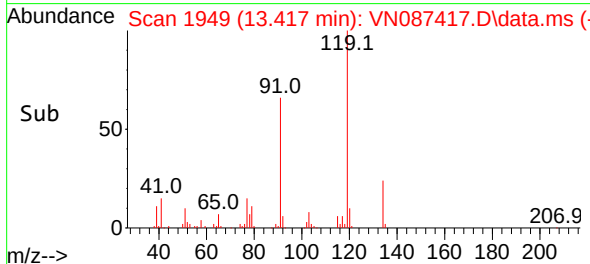
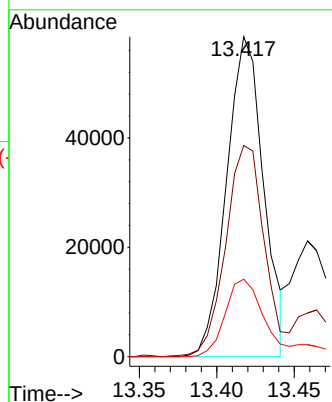
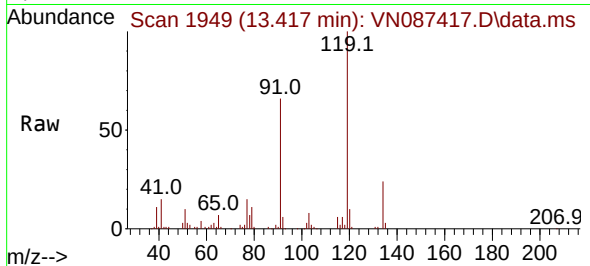




#79
tert-butylbenzene
Concen: 15.088 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

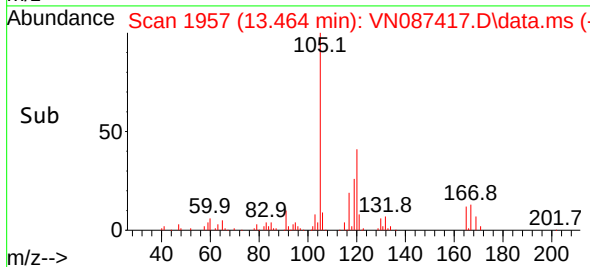
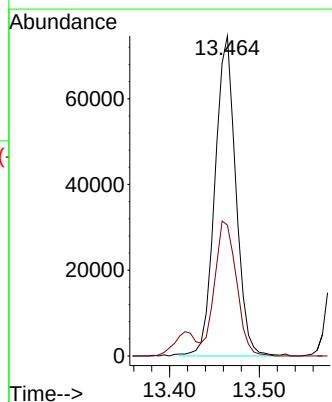
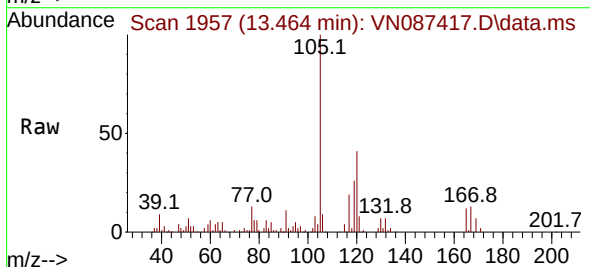
Instrument :
MSVOA_N
ClientSampleId :

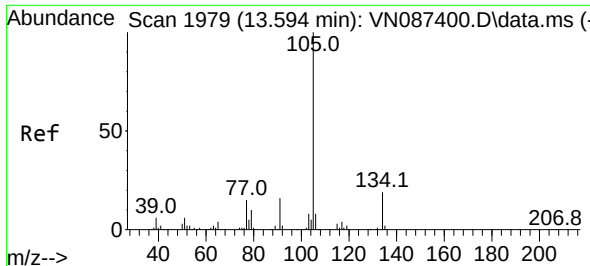
Tgt Ion:119 Resp: 97115
Ion Ratio Lower Upper
119 100
91 69.6 0.0 134.8
134 25.0 0.0 52.0



#80
1,2,4-Trimethylbenzene
Concen: 15.596 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:105 Resp: 120661
Ion Ratio Lower Upper
105 100
120 43.9 0.0 93.6

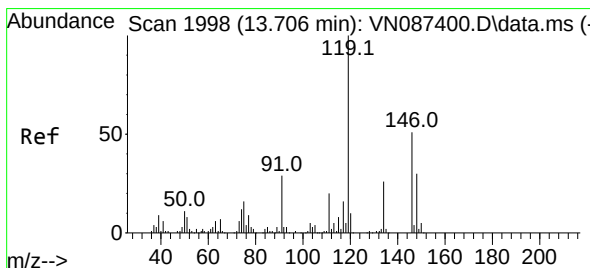
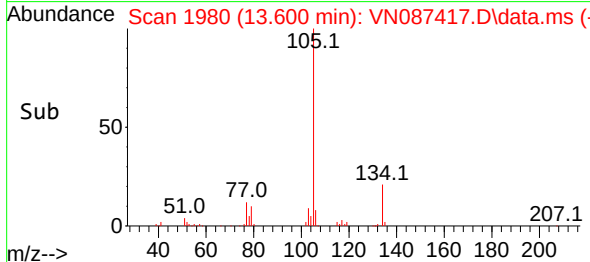
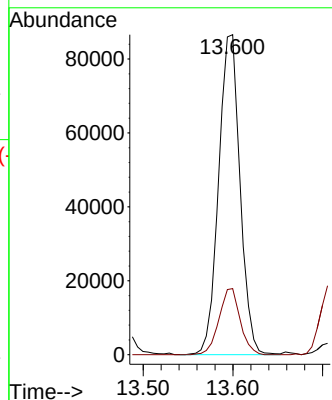
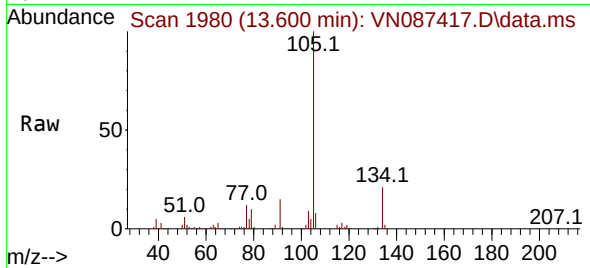




#81
 sec-Butylbenzene
 Concen: 15.452 ug/l
 RT: 13.600 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

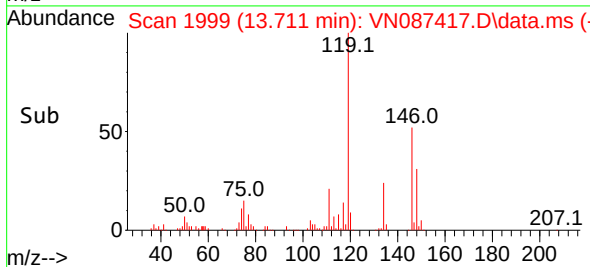
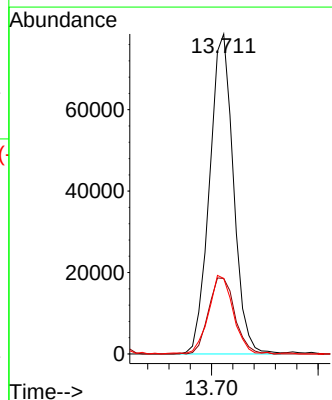
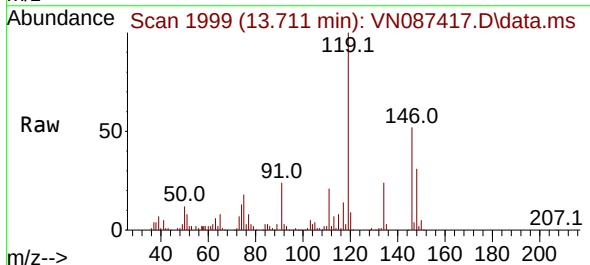
Instrument :
 MSVOA_N
 ClientSampleId :

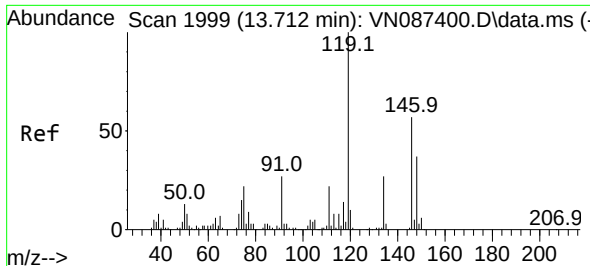
Tgt Ion:105 Resp: 143535
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 15.373 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

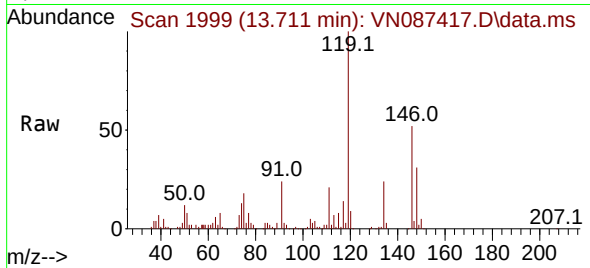
Tgt Ion:119 Resp: 122563
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 25.0 0.0 54.2



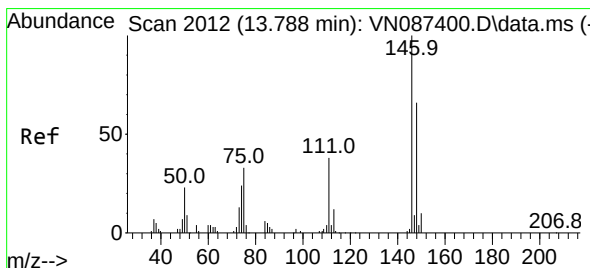
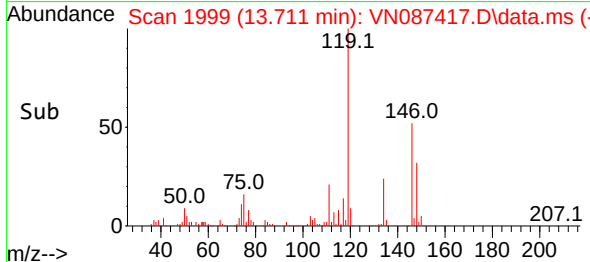
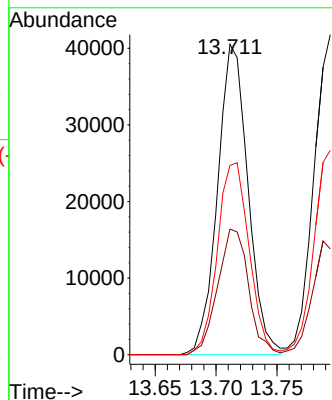


#83
 1,3-Dichlorobenzene
 Concen: 15.478 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Instrument :
 MSVOA_N
 ClientSampleId :

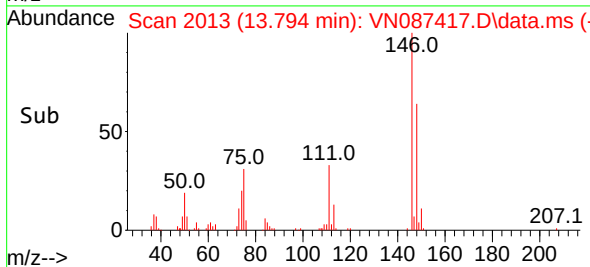
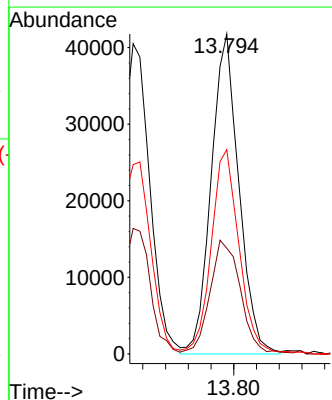
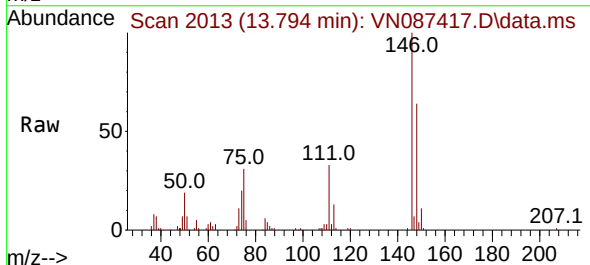


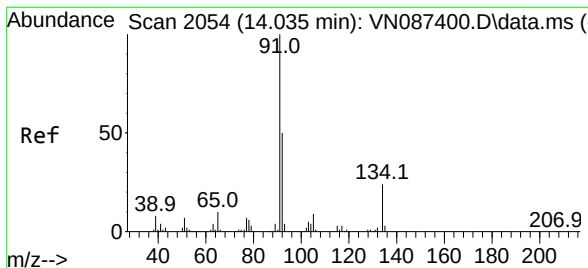
Tgt Ion:146 Resp: 70726
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.2 60.6
 148 64.2 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 15.682 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087417.D
 Acq: 24 Jul 2025 16:11

Tgt Ion:146 Resp: 70728
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 62.5 32.4 97.2





#85

n-Butylbenzene

Concen: 14.784 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

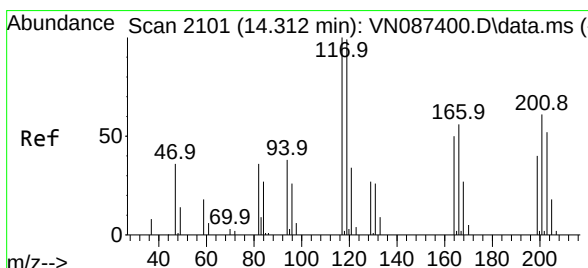
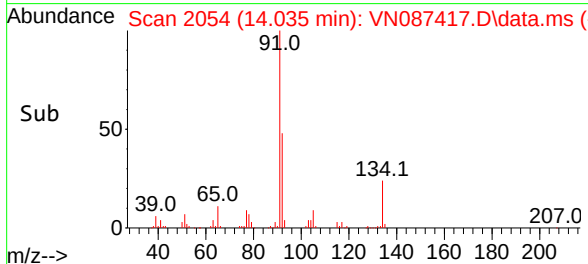
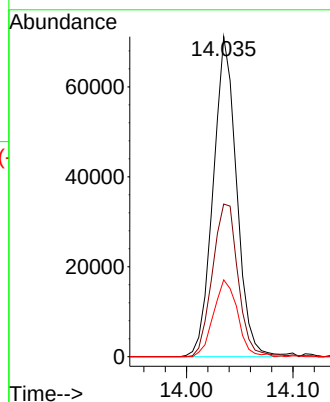
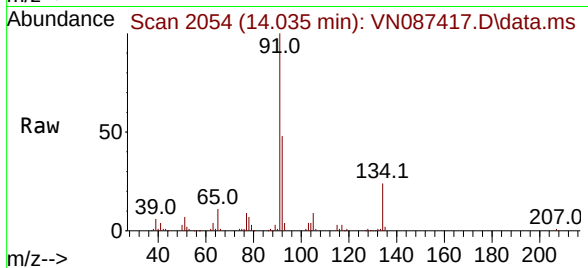
Tgt Ion: 91 Resp: 108555

Ion Ratio Lower Upper

91 100

92 52.2 0.0 101.4

134 24.4 0.0 48.6



#86

Hexachloroethane

Concen: 16.603 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087417.D

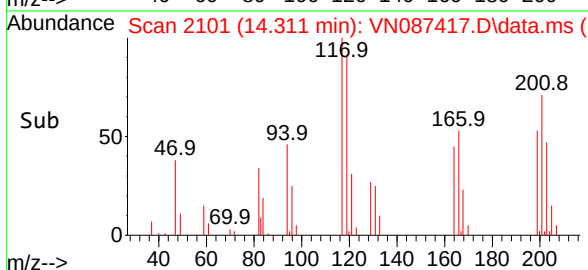
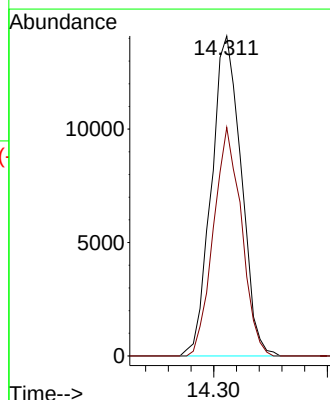
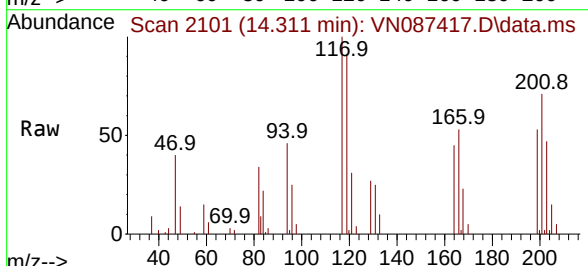
Acq: 24 Jul 2025 16:11

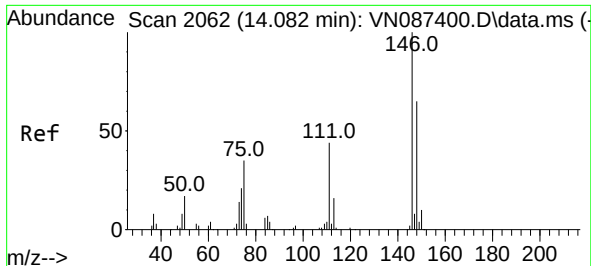
Tgt Ion: 117 Resp: 25758

Ion Ratio Lower Upper

117 100

201 67.1 34.2 102.5





#87

1,2-Dichlorobenzene

Concen: 15.577 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VN087417.D

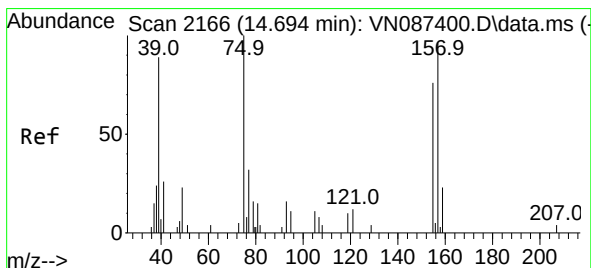
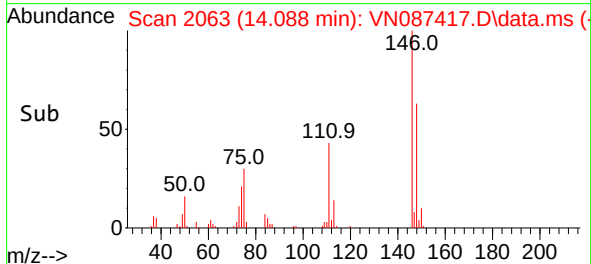
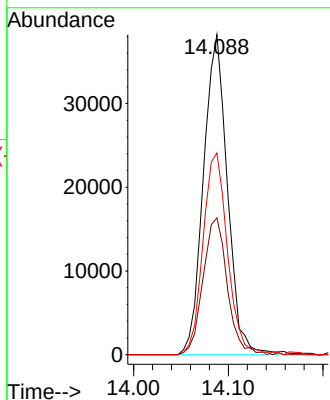
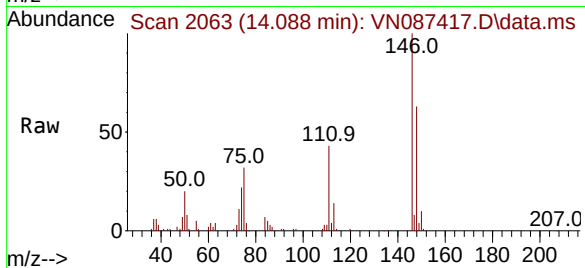
Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	67017
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.8
148	64.1	31.2	93.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 15.756 ug/l

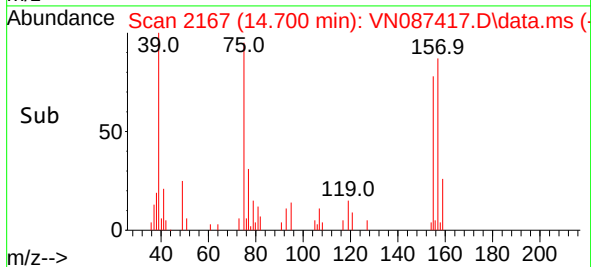
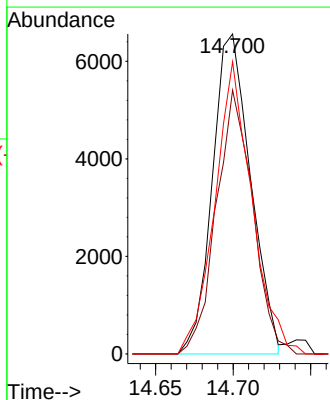
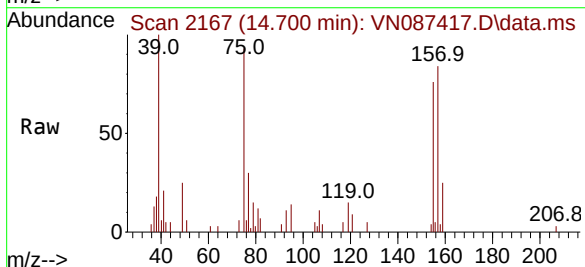
RT: 14.700 min Scan# 2167

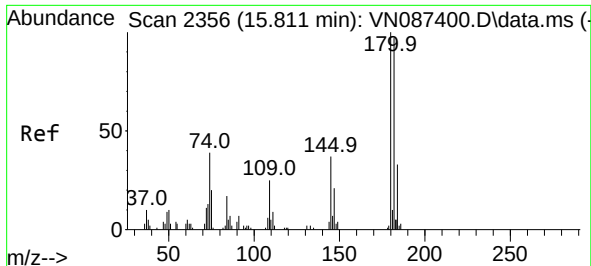
Delta R.T. 0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Tgt Ion:	75	Resp:	11236
Ion	Ratio	Lower	Upper
75	100		
155	78.7	61.3	91.9
157	88.6	85.5	128.3





#89

1,2,4-Trichlorobenzene

Concen: 15.889 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

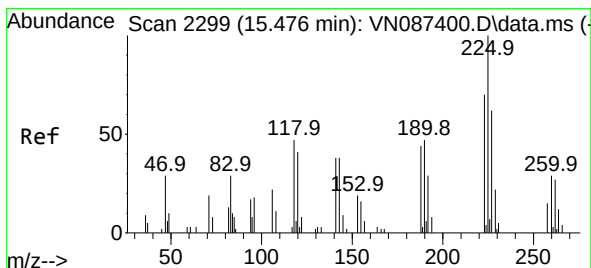
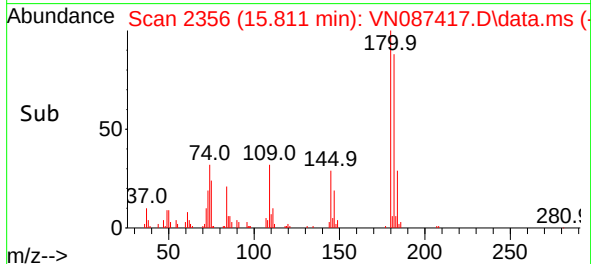
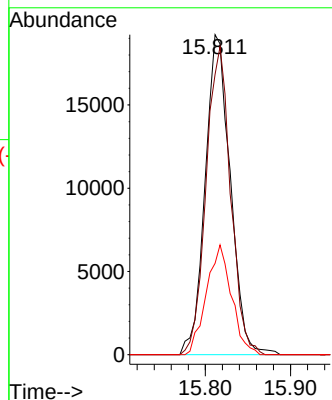
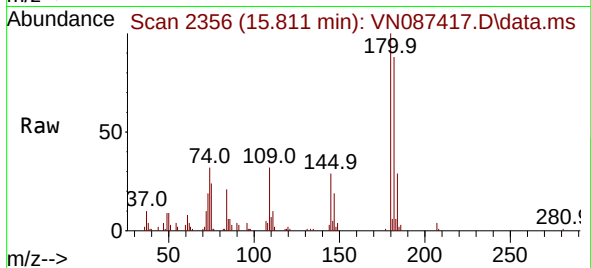
Tgt Ion:180 Resp: 39435

Ion Ratio Lower Upper

180 100

182 93.8 74.2 111.2

145 34.2 29.3 43.9



#90

Hexachlorobutadiene

Concen: 17.281 ug/l

RT: 15.482 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VN087417.D

Acq: 24 Jul 2025 16:11

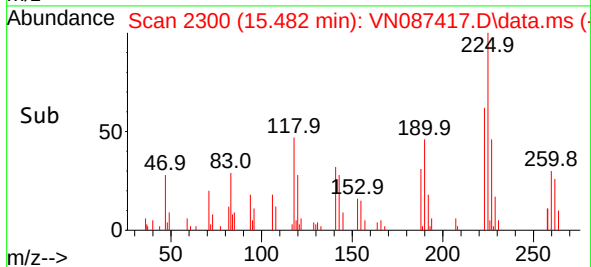
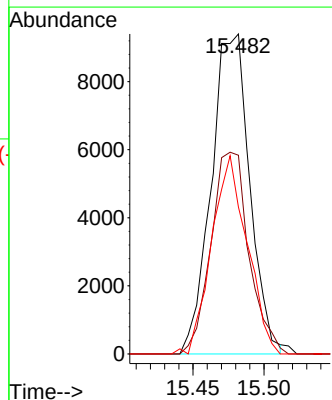
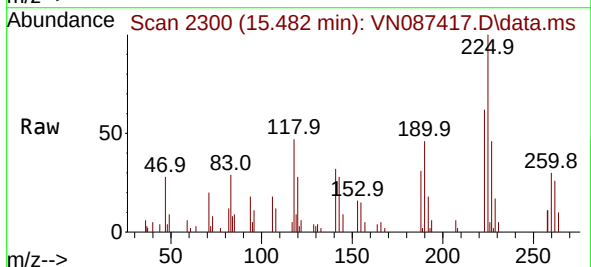
Tgt Ion:225 Resp: 17690

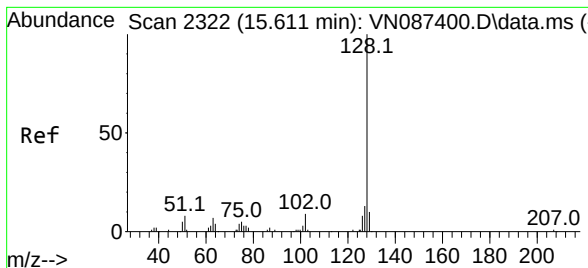
Ion Ratio Lower Upper

225 100

223 62.3 0.0 125.2

227 56.9 0.0 122.4

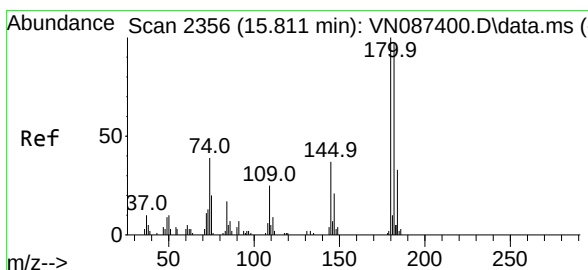
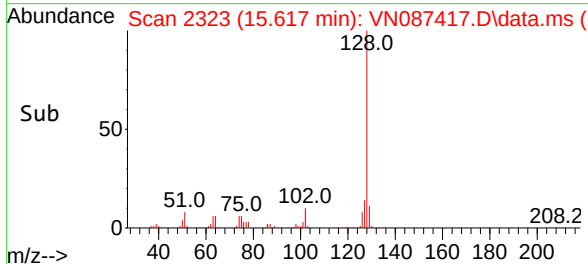
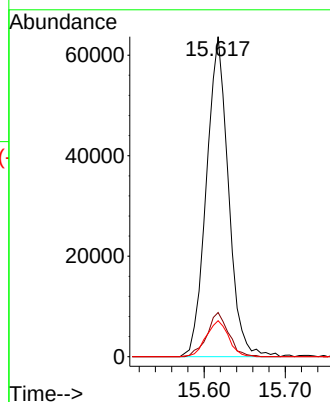
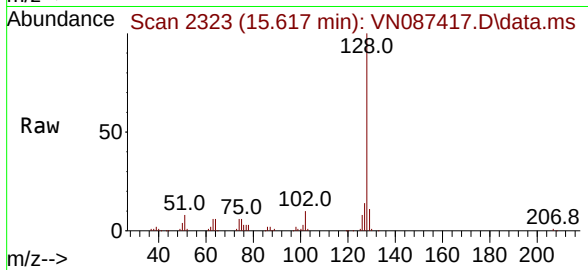




#91
Naphthalene
Concen: 14.563 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 120294
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.4 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 15.889 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087417.D
Acq: 24 Jul 2025 16:11

Tgt Ion:180 Resp: 39435
Ion Ratio Lower Upper
180 100
182 93.8 0.0 185.4
145 34.2 0.0 73.2

