

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087211.D
 Acq On : 27 Jun 2025 11:27
 Operator : JC\MD
 Sample : VN0627WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Quant Time: Jun 27 23:41:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	143301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101264	49.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.200%
35) Dibromofluoromethane	8.177	113	91710	56.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.520%
50) Toluene-d8	10.565	98	320853	48.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.847	95	115299	49.726	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	36856	20.524	ug/l	95
3) Chloromethane	2.395	50	38699	22.071	ug/l	98
4) Vinyl Chloride	2.554	62	36076	19.041	ug/l	98
5) Bromomethane	3.001	94	21735	21.376	ug/l	100
6) Chloroethane	3.159	64	20281	20.485	ug/l #	86
7) Trichlorofluoromethane	3.530	101	48344	21.428	ug/l	100
8) Diethyl Ether	3.983	74	24375	24.288	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.406	101	34695	20.049	ug/l	99
10) Methyl Iodide	4.618	142	28322	20.163	ug/l	98
11) Tert butyl alcohol	5.536	59	49082	108.019	ug/l	99
12) 1,1-Dichloroethene	4.371	96	34626	20.598	ug/l	96
13) Acrolein	4.201	56	50036	133.557	ug/l	99
14) Allyl chloride	5.048	41	60070	21.644	ug/l	97
15) Acrylonitrile	5.736	53	136772	110.153	ug/l	100
16) Acetone	4.448	43	114156	110.279	ug/l	96
17) Carbon Disulfide	4.742	76	108684	20.924	ug/l	99
18) Methyl Acetate	5.042	43	56875	22.306	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	130557	22.548	ug/l	100
20) Methylene Chloride	5.300	84	41291	21.875	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	38074	20.422	ug/l	97
22) Diisopropyl ether	6.683	45	135402	22.619	ug/l	98
23) Vinyl Acetate	6.606	43	566985	105.915	ug/l	99
24) 1,1-Dichloroethane	6.589	63	73185	20.700	ug/l	99
25) 2-Butanone	7.489	43	164325	105.101	ug/l	98
26) 2,2-Dichloropropane	7.494	77	56422	20.076	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	41318	19.061	ug/l	99
28) Bromochloromethane	7.824	49	36800	23.677	ug/l	99
29) Tetrahydrofuran	7.847	42	118780	115.872	ug/l	97
30) Chloroform	7.971	83	72296	21.678	ug/l	95
31) Cyclohexane	8.259	56	47081	14.747	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	58399	20.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	40734	17.213	ug/l	99
37) Ethyl Acetate	7.571	43	56531	17.032	ug/l	98
38) Carbon Tetrachloride	8.371	117	42465	18.425	ug/l	98
39) Methylcyclohexane	9.606	83	47109	16.316	ug/l	95
40) Benzene	8.612	78	125083	17.106	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36611	23.638	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44863	18.873	ug/l	100
43) Isopropyl Acetate	8.694	43	78742	18.099	ug/l	99
44) Trichloroethene	9.353	130	31163	17.800	ug/l	95
45) 1,2-Dichloropropane	9.624	63	30669	16.272	ug/l	97
46) Dibromomethane	9.712	93	23645	18.512	ug/l	97
47) Bromodichloromethane	9.888	83	45729	17.827	ug/l	97
48) Methyl methacrylate	9.683	41	35732	16.987	ug/l #	90
49) 1,4-Dioxane	9.700	88	10686	298.697	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	263150	81.498	ug/l	96
52) Toluene	10.630	92	86864	18.582	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63340	22.145	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	53193	17.478	ug/l #	87
55) 1,1,2-Trichloroethane	11.012	97	38786	21.939	ug/l	100
56) Ethyl methacrylate	10.882	69	63451	20.913	ug/l	97
57) 1,3-Dichloropropane	11.159	76	66685	21.350	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	144165	87.066	ug/l	96
59) 2-Hexanone	11.206	43	177301	91.603	ug/l	100
60) Dibromochloromethane	11.359	129	37260	19.379	ug/l	99
61) 1,2-Dibromoethane	11.471	107	34907	18.679	ug/l	99
64) Tetrachloroethene	11.100	164	29051	19.873	ug/l	97
65) Chlorobenzene	11.894	112	96423	18.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30859	18.237	ug/l	99
67) Ethyl Benzene	11.965	91	163188	18.470	ug/l	100
68) m/p-Xylenes	12.071	106	128116	37.897	ug/l	99
69) o-Xylene	12.394	106	62780	20.428	ug/l	98
70) Styrene	12.412	104	106444	20.179	ug/l	98
71) Bromoform	12.576	173	23780	18.936	ug/l #	100
73) Isopropylbenzene	12.694	105	149786	18.622	ug/l	100
74) N-amyl acetate	12.541	43	26411	8.825	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	54490	18.809	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	74188	27.986	ug/l	59
77) Bromobenzene	12.976	156	36175	18.506	ug/l	98
78) n-propylbenzene	13.035	91	182433	18.415	ug/l	99
79) 2-Chlorotoluene	13.123	91	112427	18.230	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	125687	18.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21444	18.155	ug/l	94
82) 4-Chlorotoluene	13.218	91	115798	18.835	ug/l	99
83) tert-Butylbenzene	13.435	119	107656	18.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	126735	18.810	ug/l	99
85) sec-Butylbenzene	13.612	105	161999	19.278	ug/l	99
86) p-Isopropyltoluene	13.723	119	135937	19.724	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	72752	18.495	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75052	18.557	ug/l	96
89) n-Butylbenzene	14.053	91	124059	19.374	ug/l	99
90) Hexachloroethane	14.329	117	26366	19.768	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	71576	19.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12522	18.935	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	41904	20.317	ug/l	99
94) Hexachlorobutadiene	15.494	225	12068	18.548	ug/l	95
95) Naphthalene	15.635	128	151413	19.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36451	17.900	ug/l	98

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ClientSampleId :
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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

Abundance

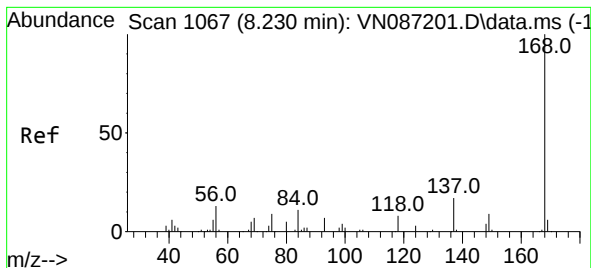
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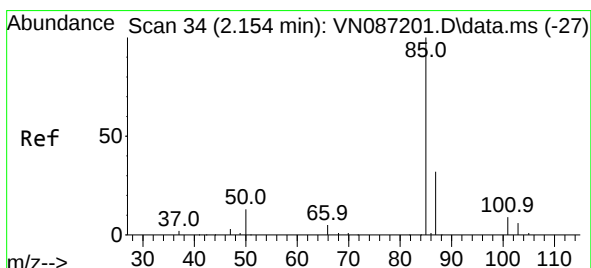
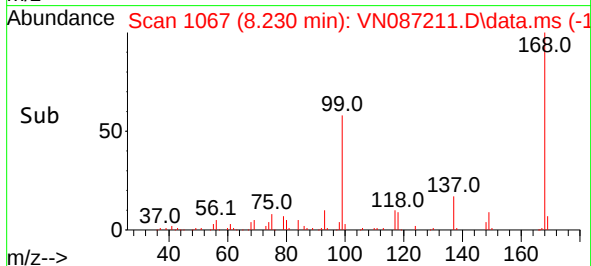
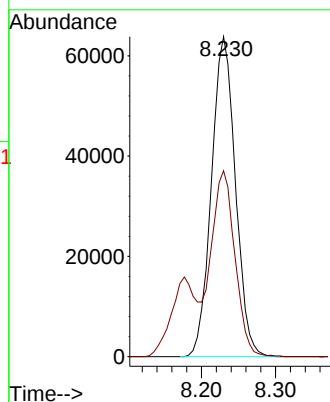
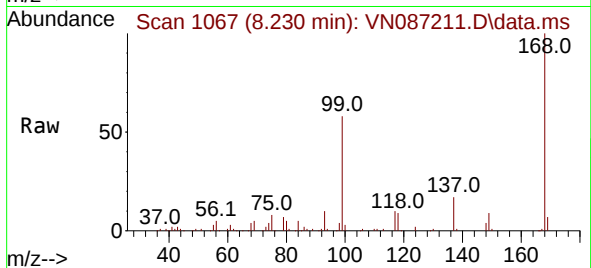
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Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,2-Dichloroethane, T
Methyl iodide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,2-Dichloroethane, T
Vinyl acetate, T
Diisopropyl ether, T
1,1-Dichloroethane, P
Ethyl acetate, T
Methacrylonitrile, T
Chloroform, C
Cyclohexane, T
1,2-Dichloroethane, T
Isopropyl alcohol, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Dibromomethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Ethyl methacrylate, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
Dibromodichloromethane, T
1,2-Dibromoethane, I
Chlorobenzene, PM
Ethyl butyrate, T
m,p-Xylenes, T
Styrene, T
o-Xylene, T
Isopropylbenzene, T
4-Bromofluorobenzene, S
Benzonitrile, T
1,1,2,2-Tetrachloroethane, T
1,2,3-Trimethylbenzene, T
4-Chlorobutene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
n-Butylbenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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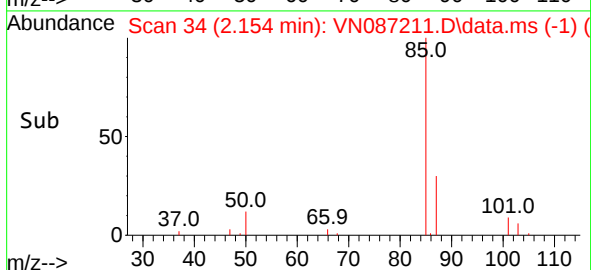
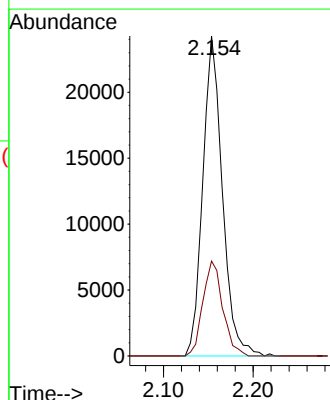
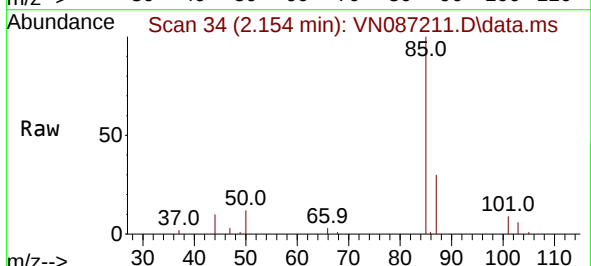
Instrument :
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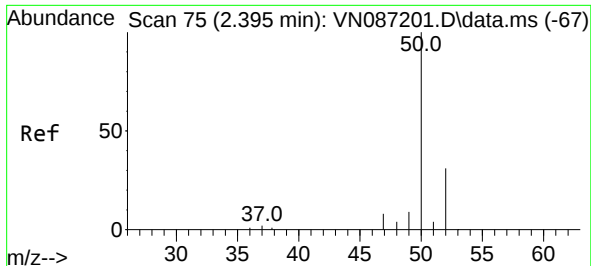
Tgt Ion:168 Resp: 143301
Ion Ratio Lower Upper
168 100
99 57.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 20.524 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 85 Resp: 36856
Ion Ratio Lower Upper
85 100
87 29.6 16.1 48.3

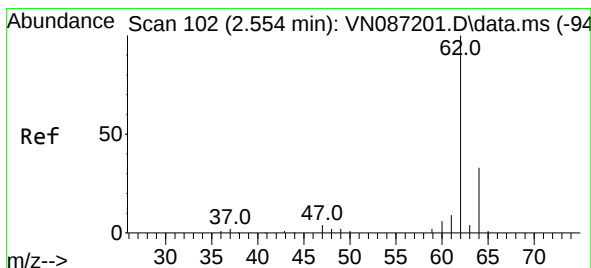
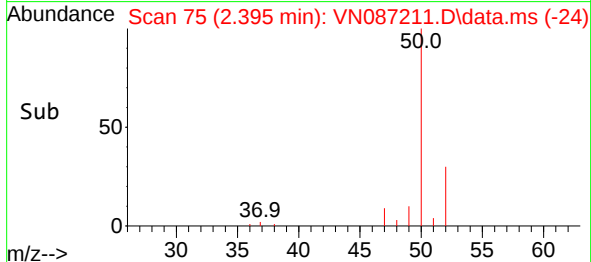
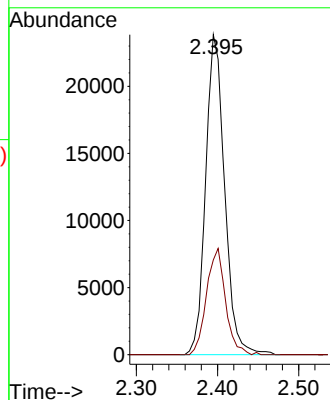
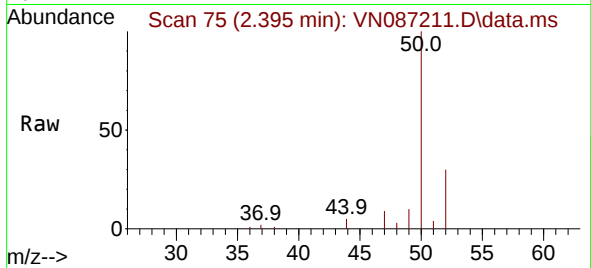




#3
Chloromethane
Concen: 22.071 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087211.D
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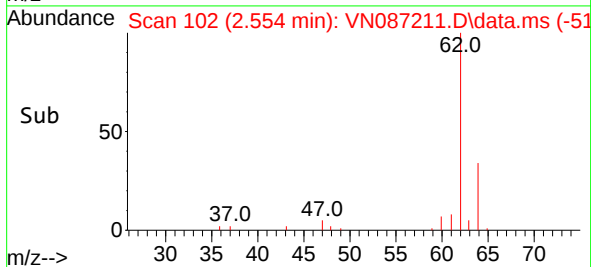
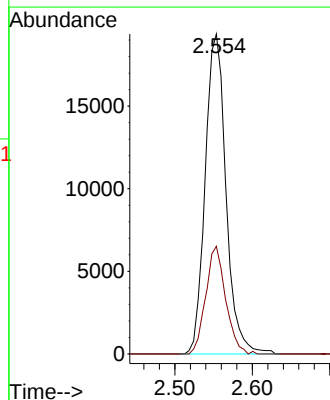
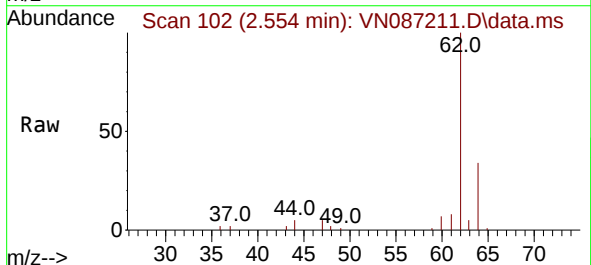
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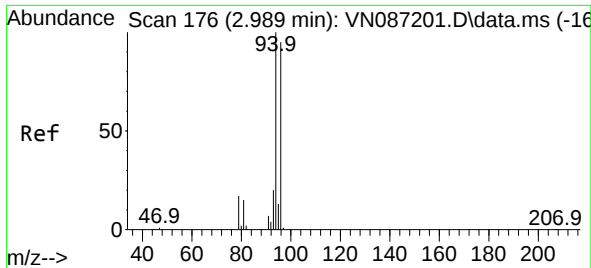
Tgt Ion: 50 Resp: 38699
Ion Ratio Lower Upper
50 100
52 29.6 24.6 36.8



#4
Vinyl Chloride
Concen: 19.041 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 62 Resp: 36076
Ion Ratio Lower Upper
62 100
64 33.7 26.0 39.0

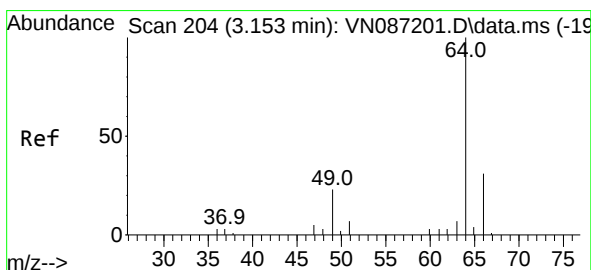
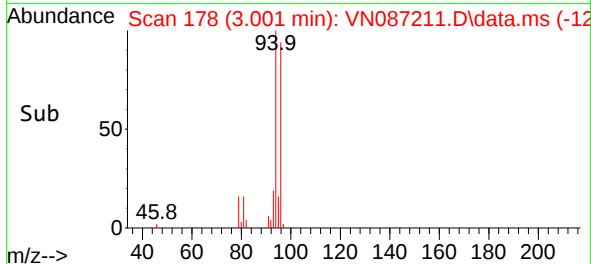
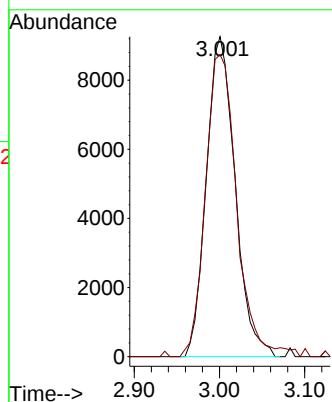
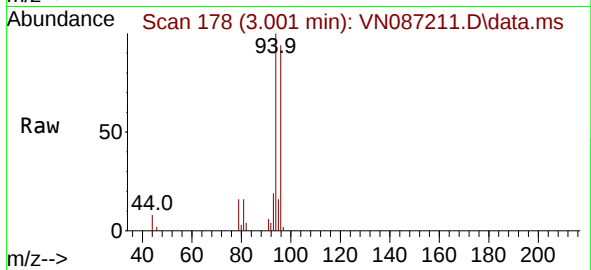




#5
Bromomethane
Concen: 21.376 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087211.D
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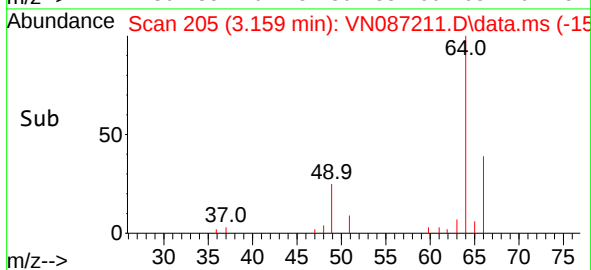
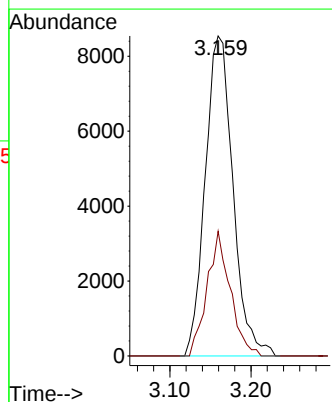
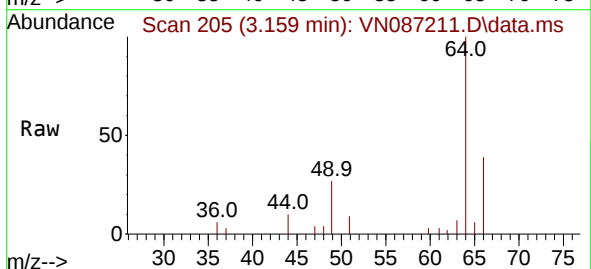
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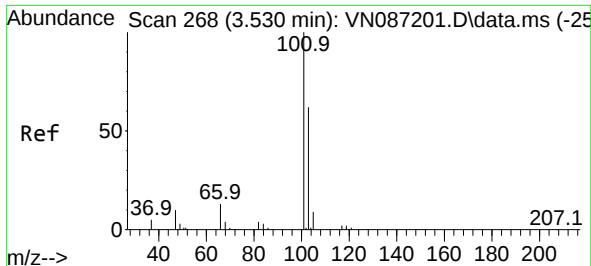
Tgt Ion: 94 Resp: 21735
Ion Ratio Lower Upper
94 100
96 94.4 75.7 113.5



#6
Chloroethane
Concen: 20.485 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 64 Resp: 20281
Ion Ratio Lower Upper
64 100
66 39.0 25.0 37.4#

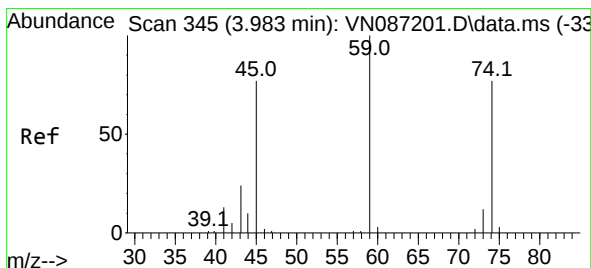
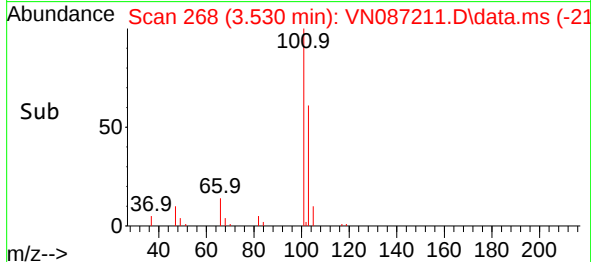
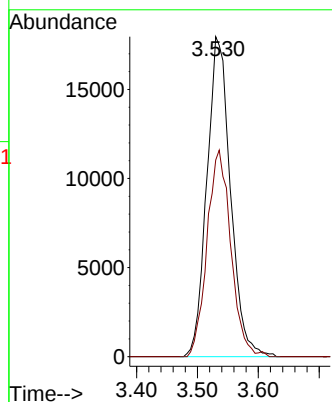
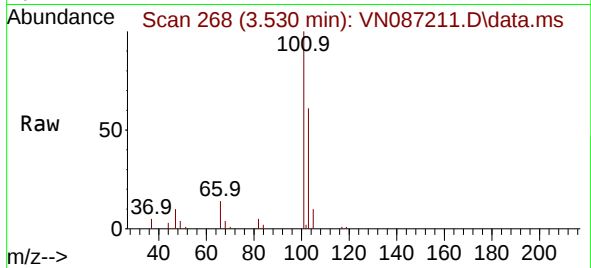




#7
 Trichlorofluoromethane
 Concen: 21.428 ug/l
 RT: 3.530 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VN087211.D
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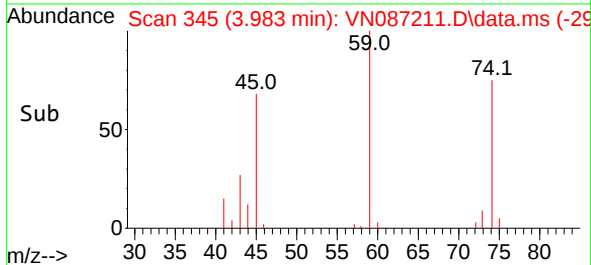
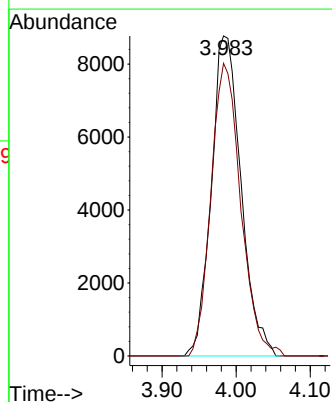
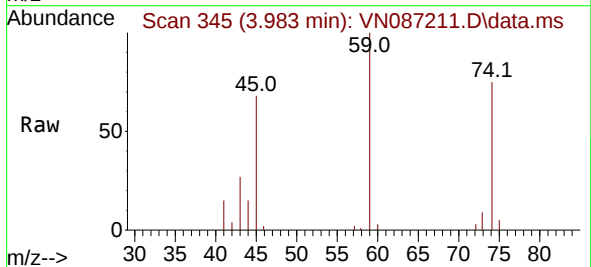
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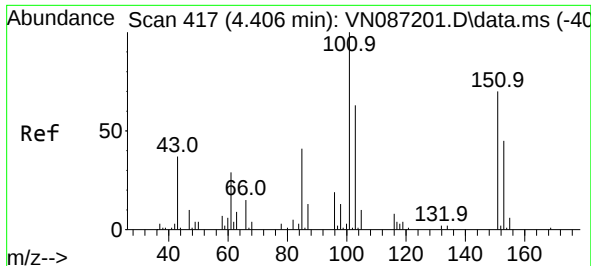
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 Ion Ratio Lower Upper
 101 100
 103 61.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 24.288 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion: 74 Resp: 24375
 Ion Ratio Lower Upper
 74 100
 45 91.8 47.0 141.2

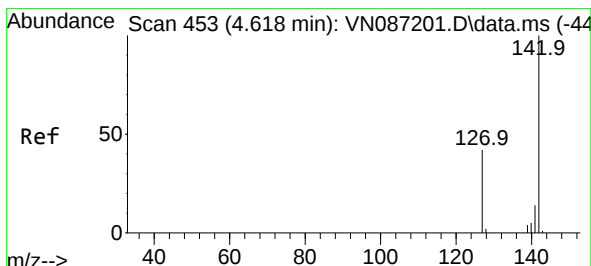
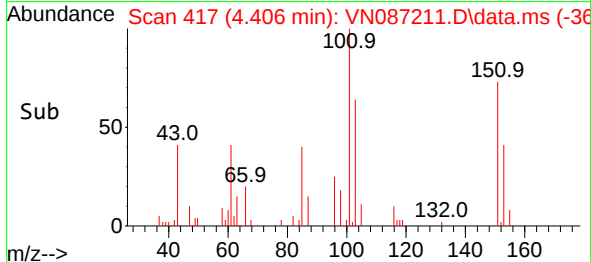
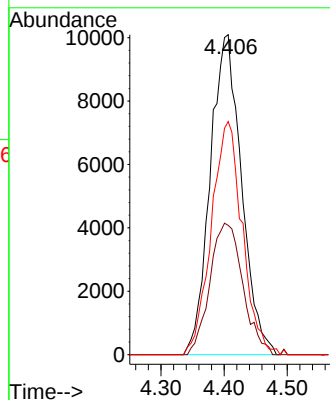
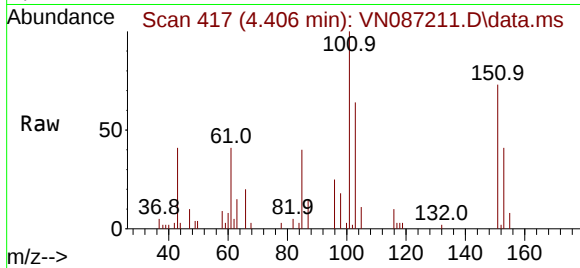




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.049 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

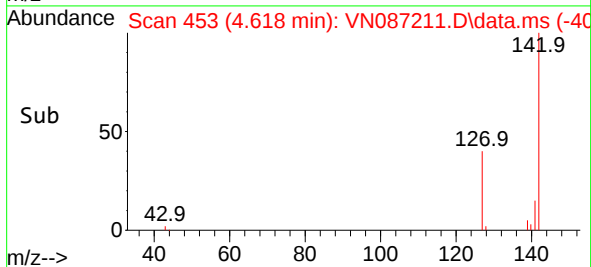
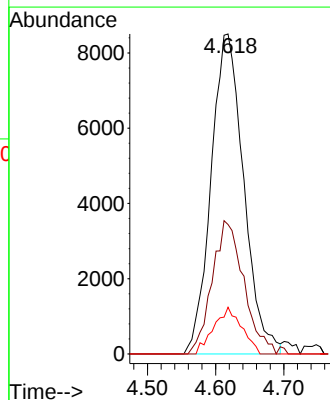
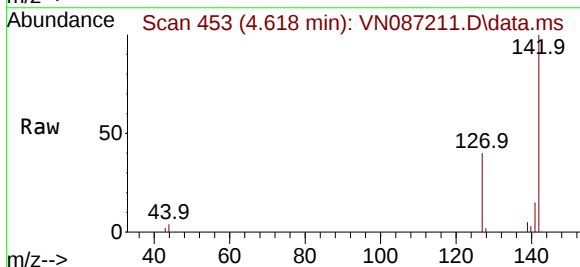
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

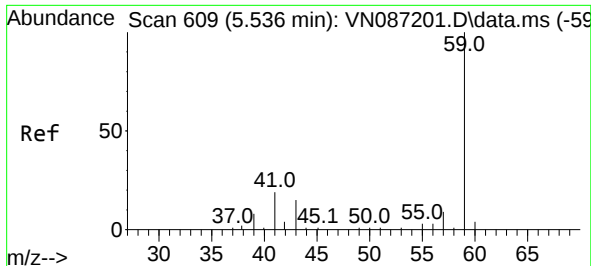
Tgt Ion:101 Resp: 34695
Ion Ratio Lower Upper
101 100
85 43.3 34.3 51.5
151 72.2 57.3 85.9



#10
Methyl Iodide
Concen: 20.163 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:142 Resp: 28322
Ion Ratio Lower Upper
142 100
127 40.5 33.3 49.9
141 14.6 11.4 17.0

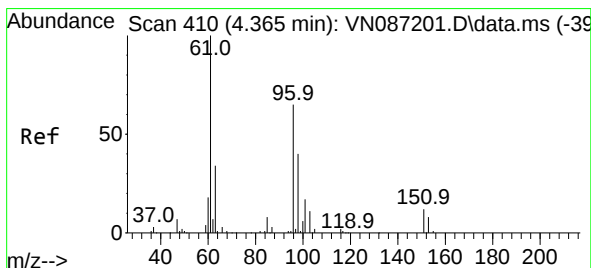
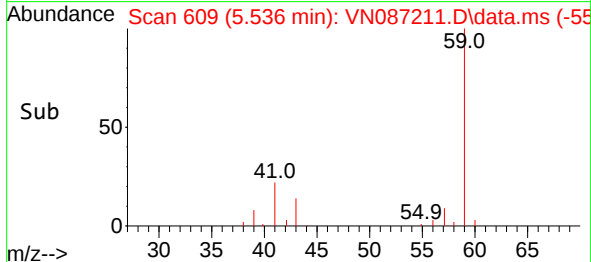
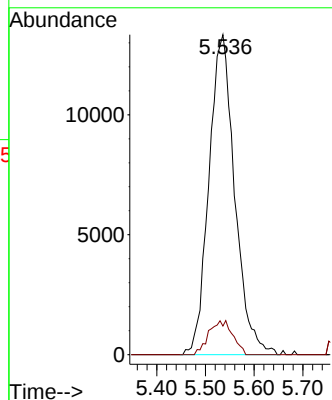
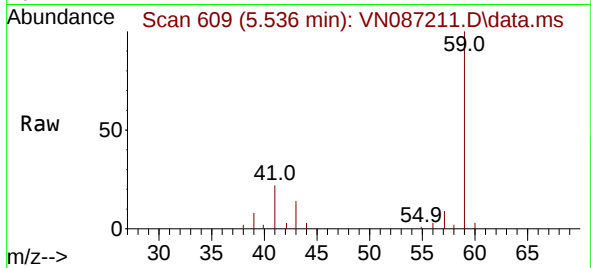




#11
Tert butyl alcohol
Concen: 108.019 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

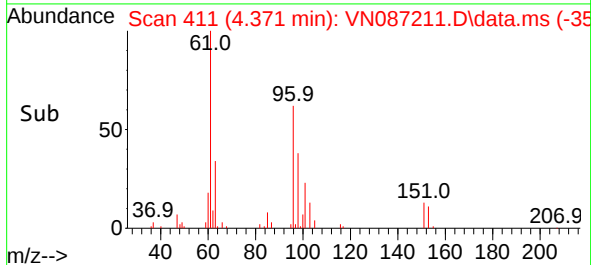
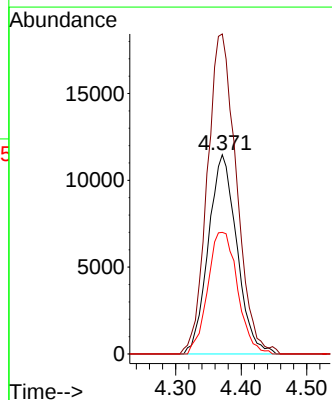
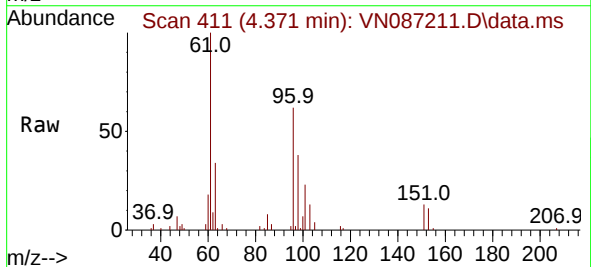
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

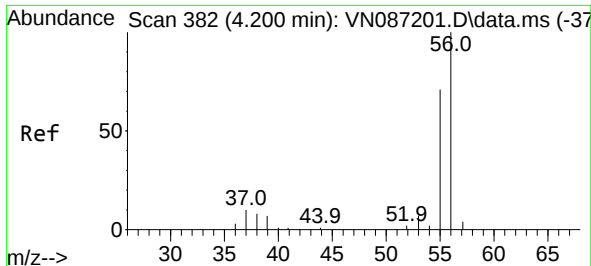
Tgt Ion: 59 Resp: 49082
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.598 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 96 Resp: 34626
Ion Ratio Lower Upper
96 100
61 160.6 123.5 185.3
98 61.1 49.5 74.3

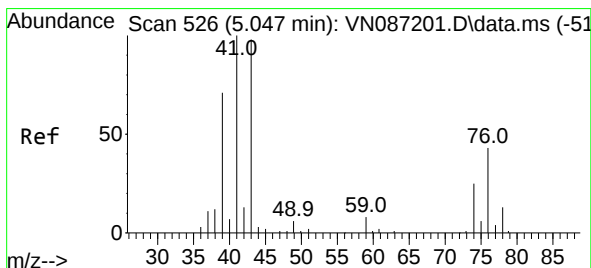
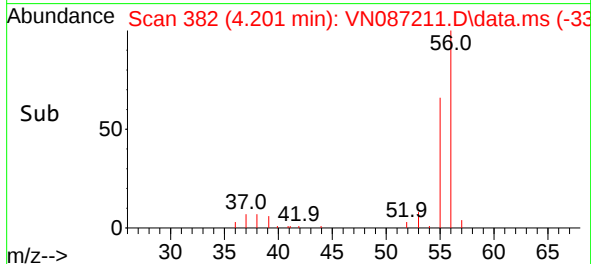
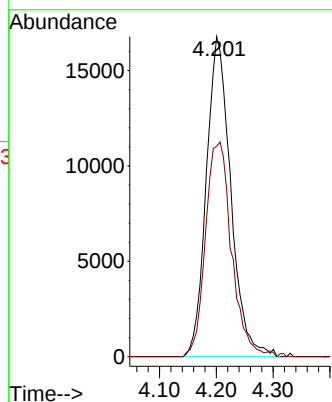
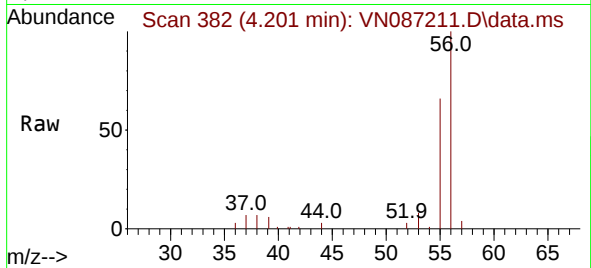




#13
Acrolein
Concen: 133.557 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.001 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

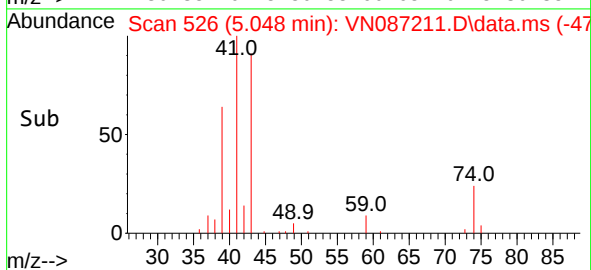
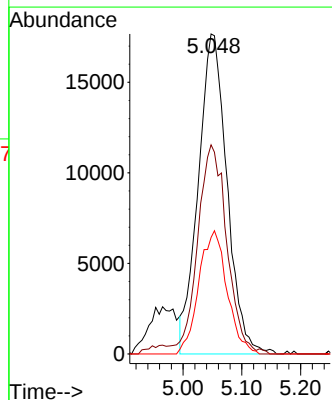
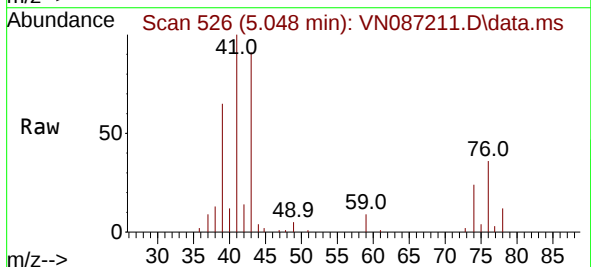
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

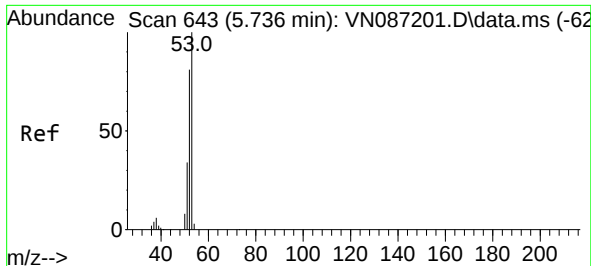
Tgt Ion: 56 Resp: 50036
Ion Ratio Lower Upper
56 100
55 71.5 56.8 85.2



#14
Allyl chloride
Concen: 21.644 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.001 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

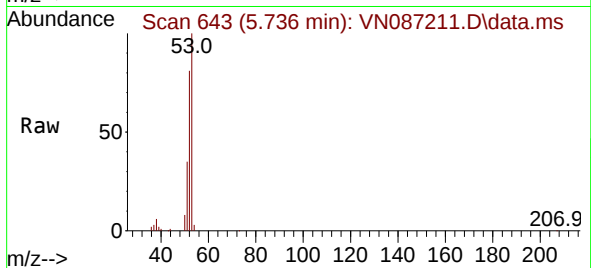
Tgt Ion: 41 Resp: 60070
Ion Ratio Lower Upper
41 100
39 66.5 55.0 82.6
76 37.8 31.3 46.9



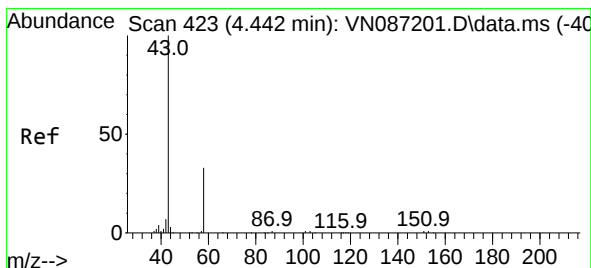
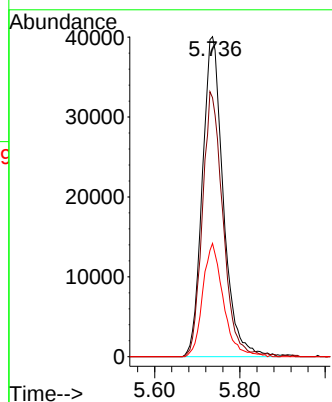
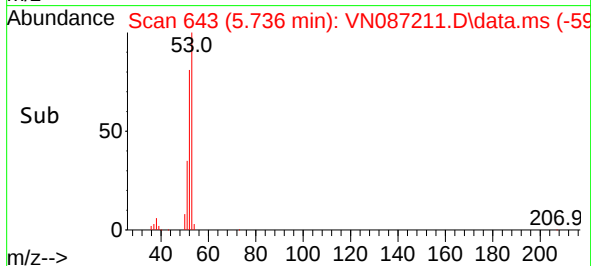


#15
Acrylonitrile
Concen: 110.153 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

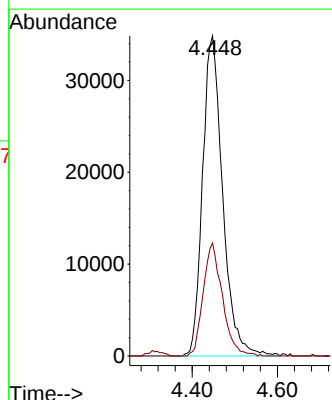
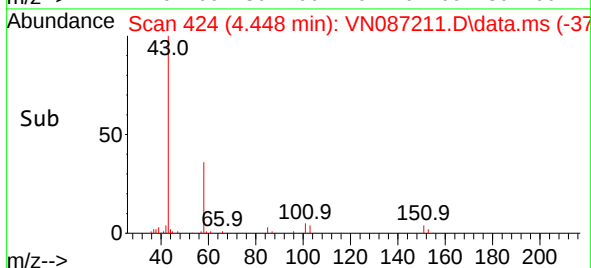
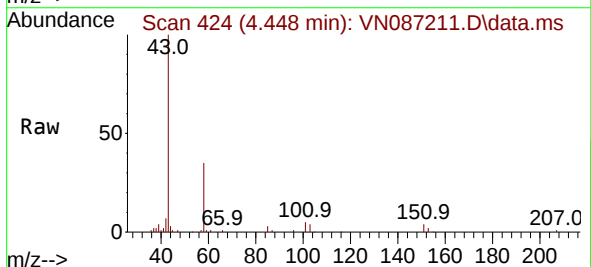


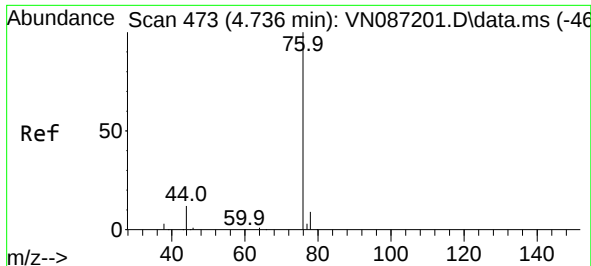
Tgt Ion: 53 Resp: 136772
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 34.9 27.8 41.6



#16
Acetone
Concen: 110.279 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 43 Resp: 114156
Ion Ratio Lower Upper
43 100
58 35.3 26.5 39.7

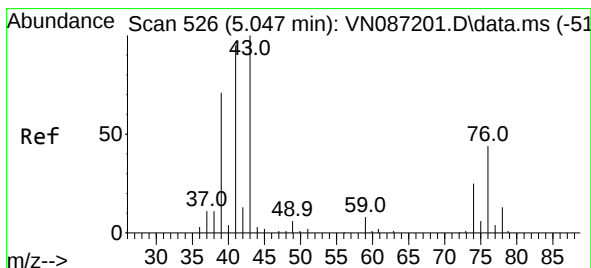
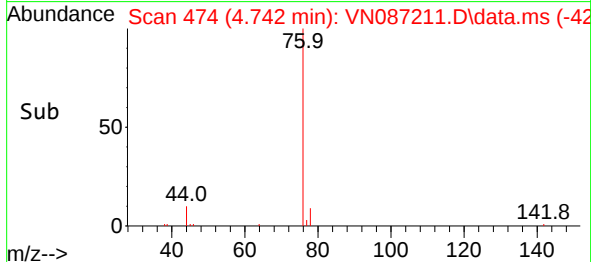
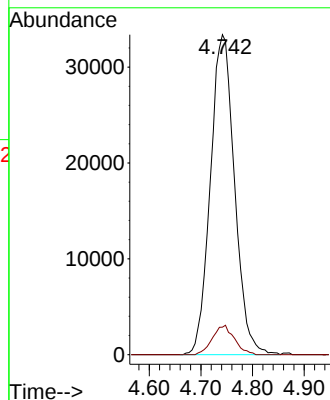
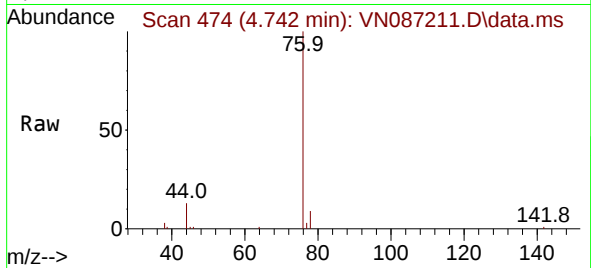




#17
Carbon Disulfide
Concen: 20.924 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

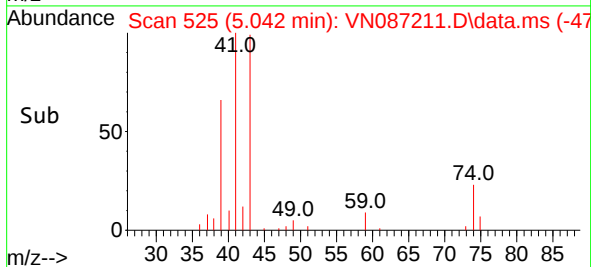
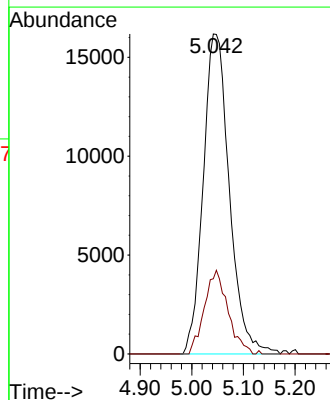
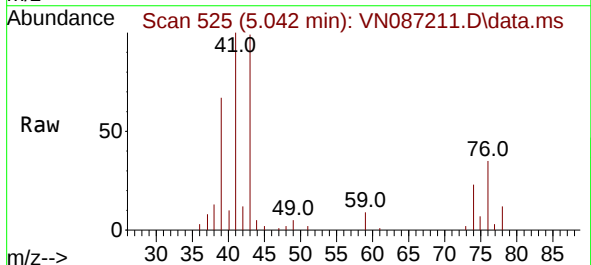
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

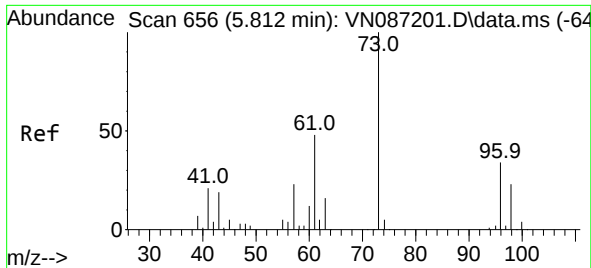
Tgt Ion: 76 Resp: 108684
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 22.306 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.005 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 43 Resp: 56875
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2

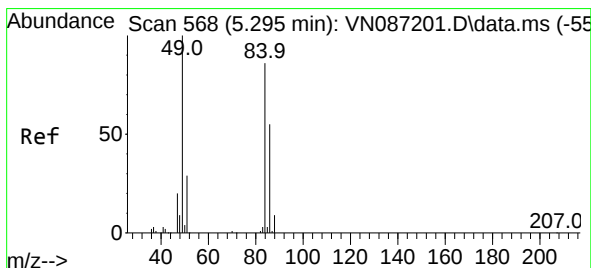
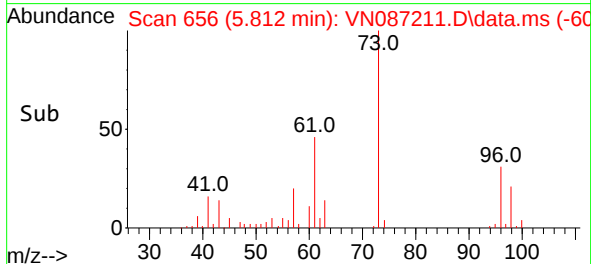
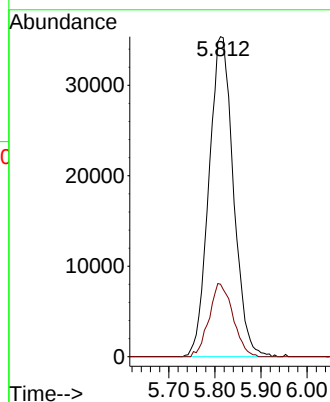
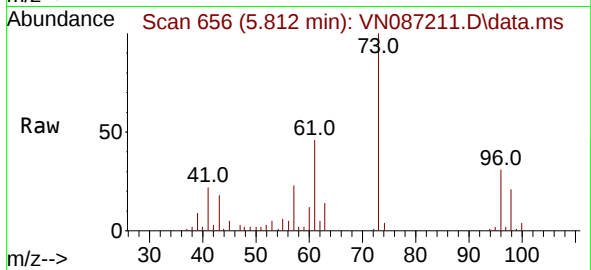




#19
Methyl tert-butyl Ether
Concen: 22.548 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

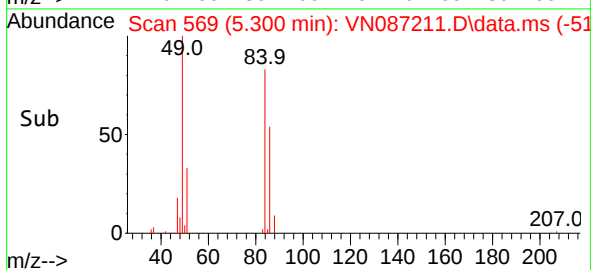
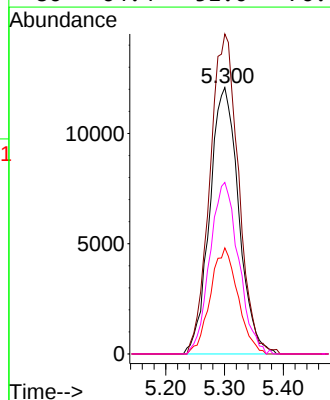
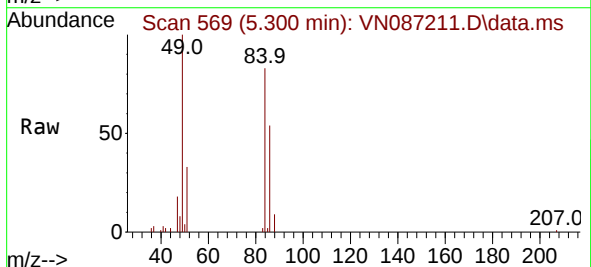
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

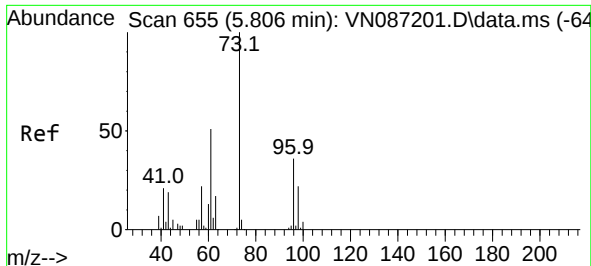
Tgt Ion: 73 Resp: 130557
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 21.875 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 84 Resp: 41291
Ion Ratio Lower Upper
84 100
49 120.1 93.0 139.6
51 39.8 27.2 40.8
86 64.4 51.0 76.4

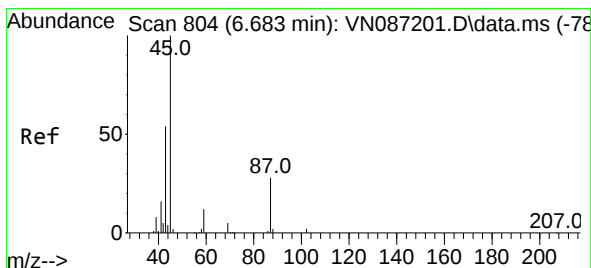
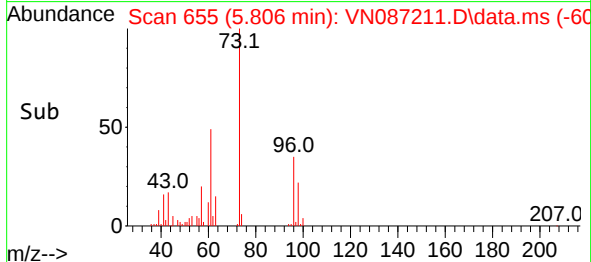
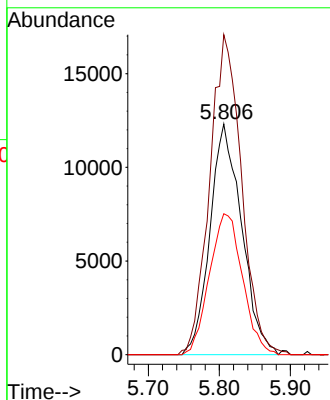
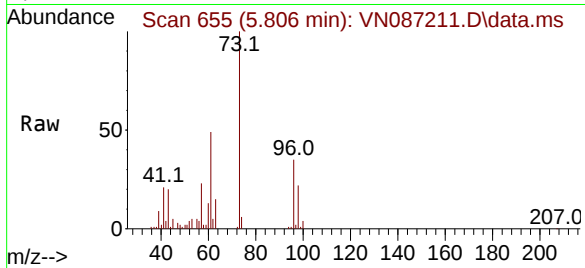




#21
trans-1,2-Dichloroethene
Concen: 20.422 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

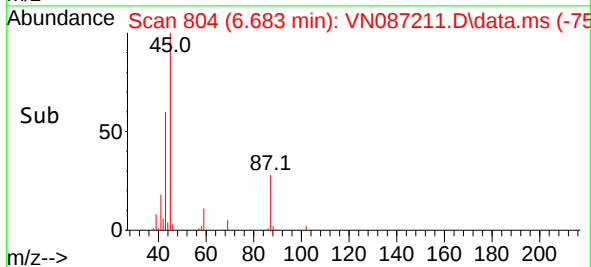
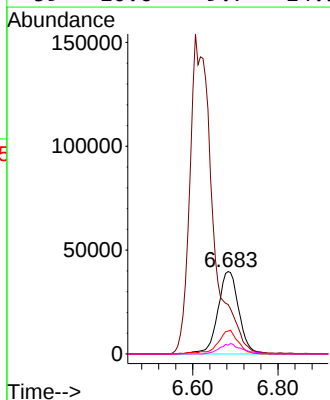
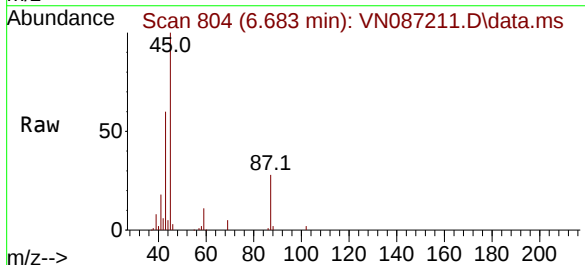
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

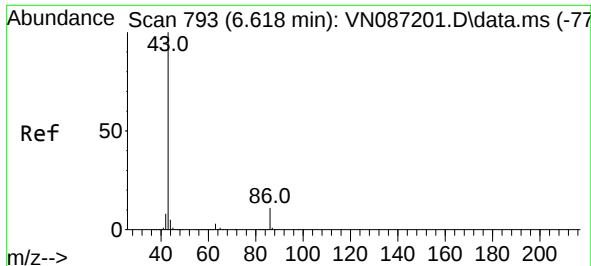
Tgt Ion: 96 Resp: 38074
Ion Ratio Lower Upper
96 100
61 138.7 113.8 170.8
98 61.1 50.4 75.6



#22
Diisopropyl ether
Concen: 22.619 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 45 Resp: 135402
Ion Ratio Lower Upper
45 100
43 58.9 45.8 68.6
87 27.7 22.7 34.1
59 10.6 9.7 14.5

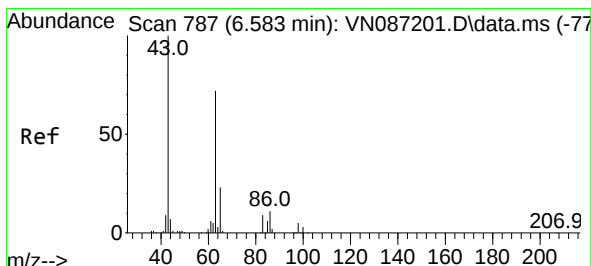
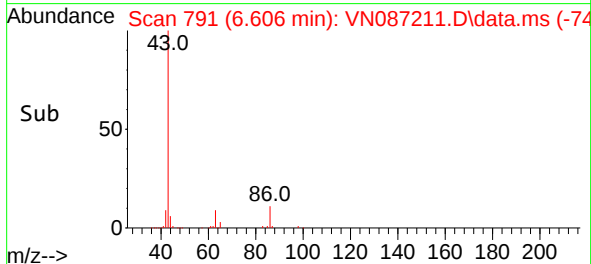
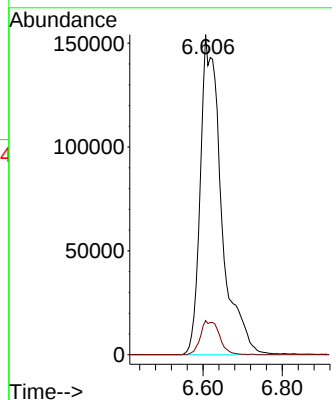
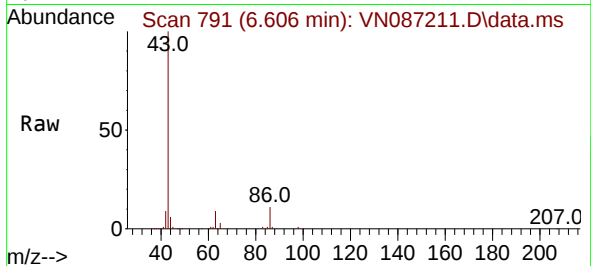




#23
 Vinyl Acetate
 Concen: 105.915 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

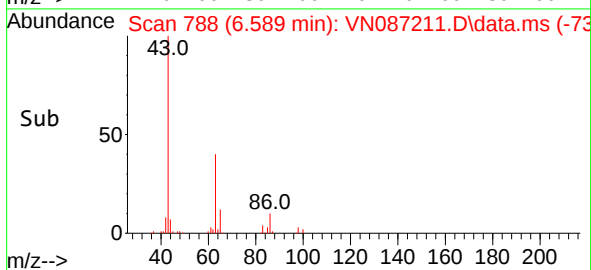
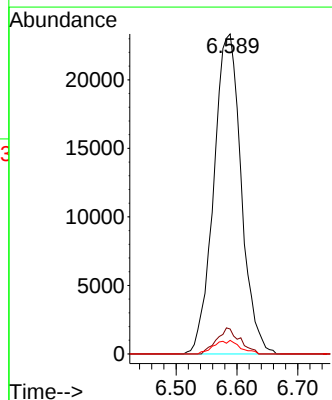
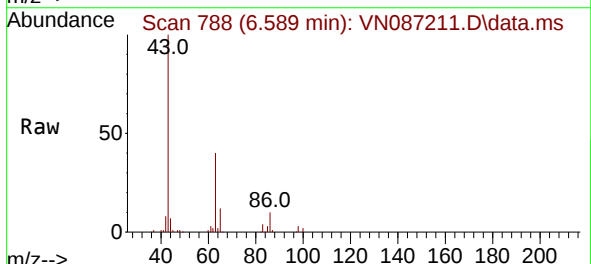
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

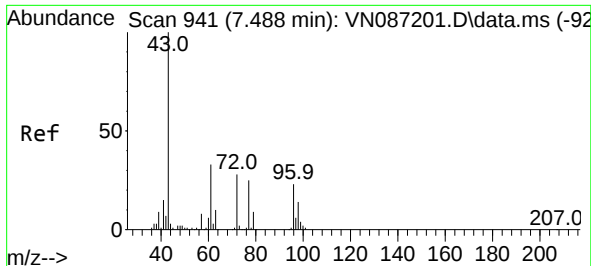
Tgt Ion: 43 Resp: 566985
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.700 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion: 63 Resp: 73185
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.3 2.1 6.5

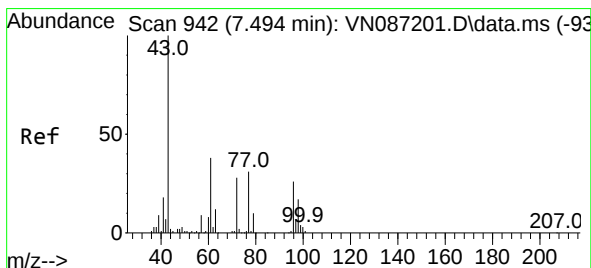
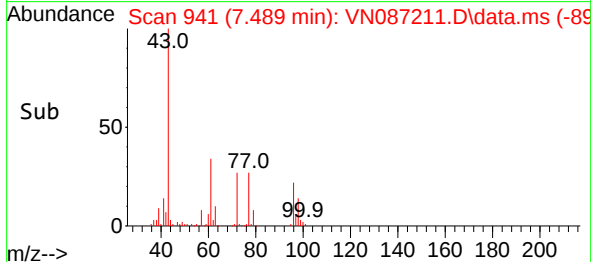
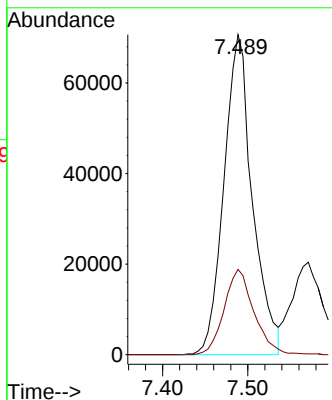
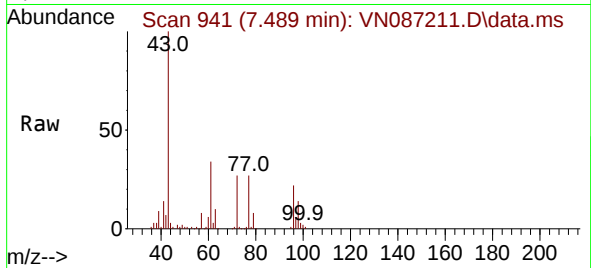




#25
2-Butanone
Concen: 105.101 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

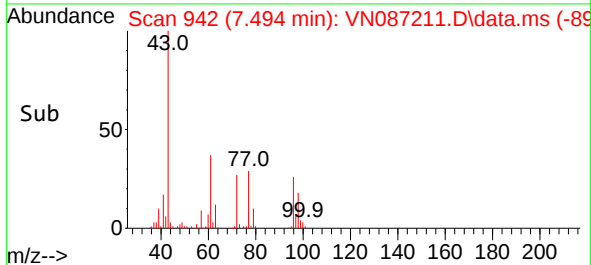
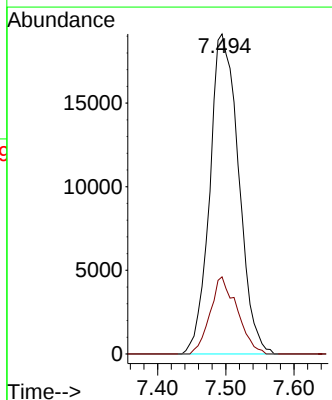
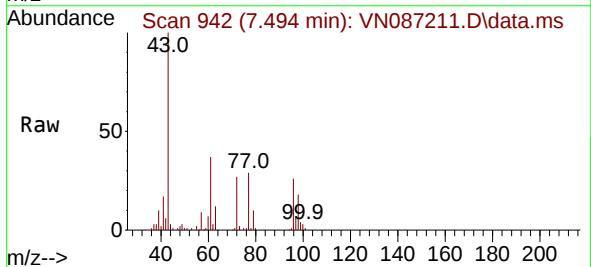
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

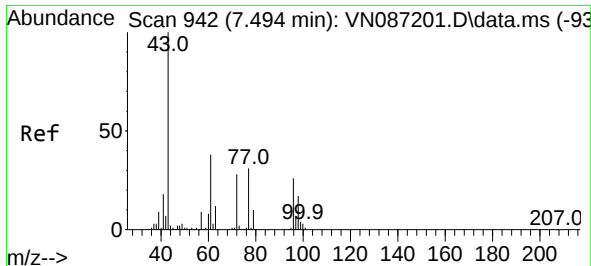
Tgt Ion: 43 Resp: 164325
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.076 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 77 Resp: 56422
Ion Ratio Lower Upper
77 100
97 22.6 11.8 35.3



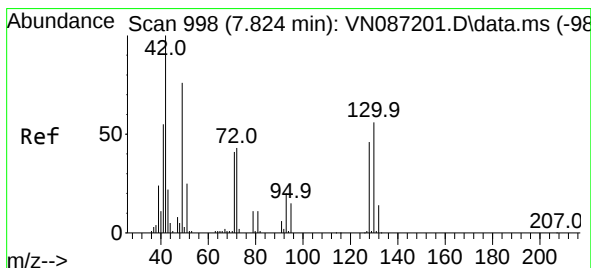
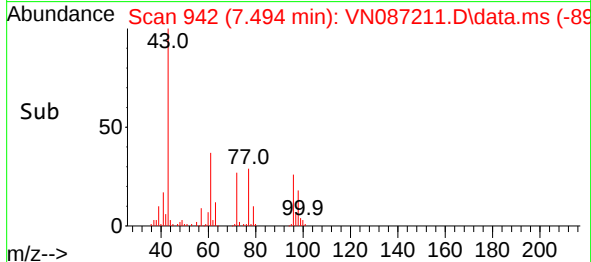
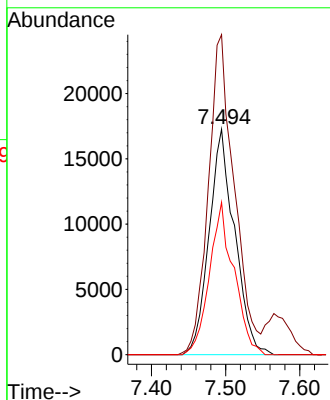
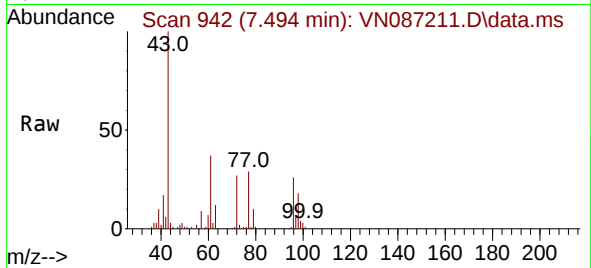


#27
 cis-1,2-Dichloroethene
 Concen: 19.061 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Tgt Ion: 96 Resp: 41318

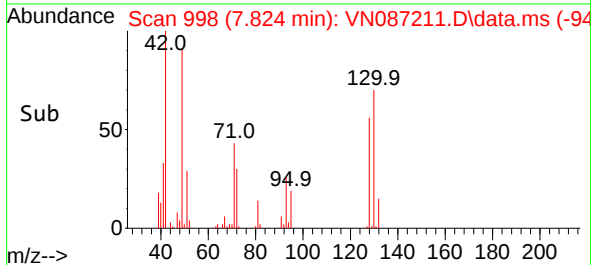
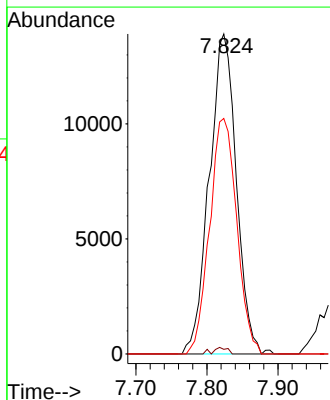
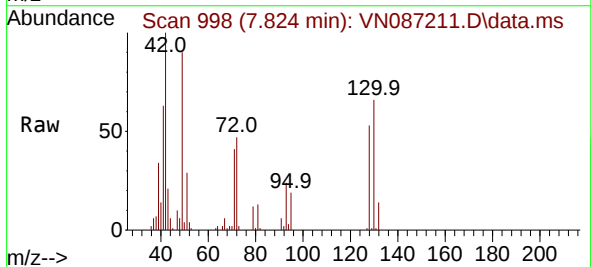
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	290.4
98	64.8	0.0	126.8

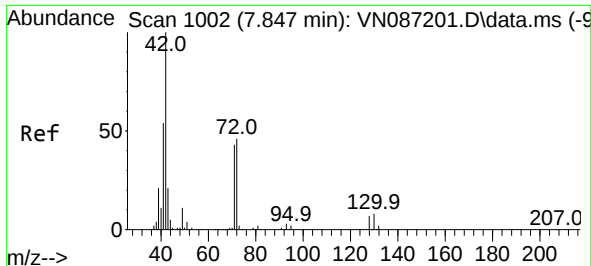


#28
 Bromochloromethane
 Concen: 23.677 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion: 49 Resp: 36800

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.2
130	73.7	60.0	90.0





#29

Tetrahydrofuran

Concen: 115.872 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

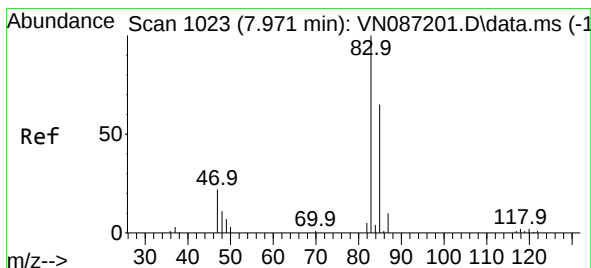
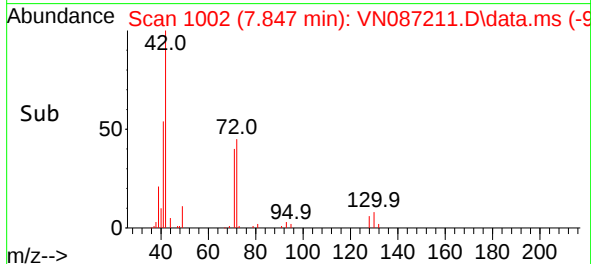
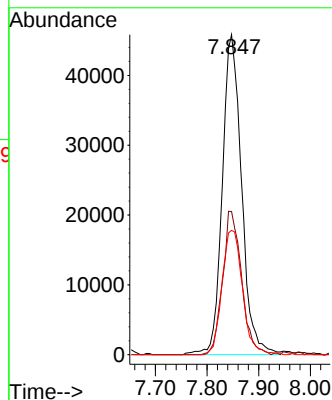
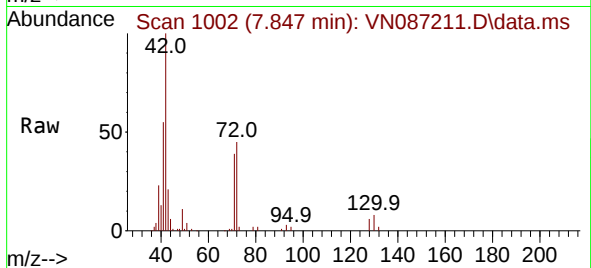
Tgt Ion: 42 Resp: 118780

Ion Ratio Lower Upper

42 100

72 43.9 36.9 55.3

71 41.4 35.0 52.4



#30

Chloroform

Concen: 21.678 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN087211.D

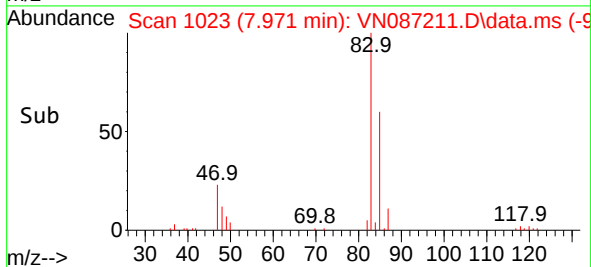
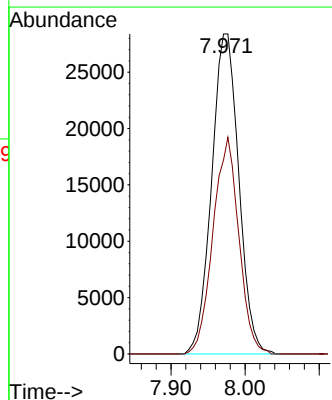
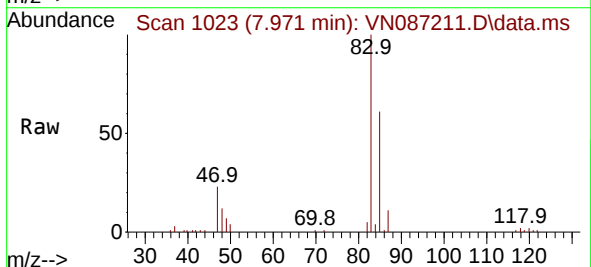
Acq: 27 Jun 2025 11:27

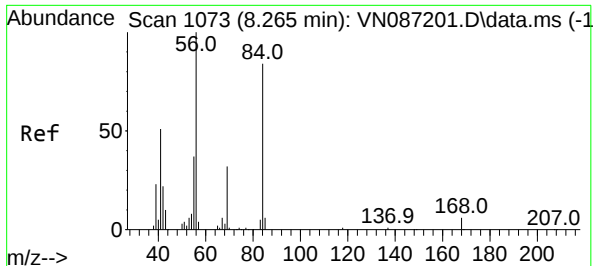
Tgt Ion: 83 Resp: 72296

Ion Ratio Lower Upper

83 100

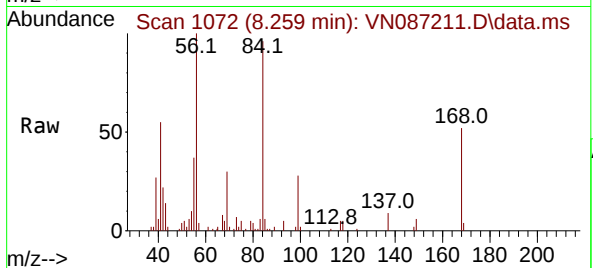
85 60.7 52.0 78.0



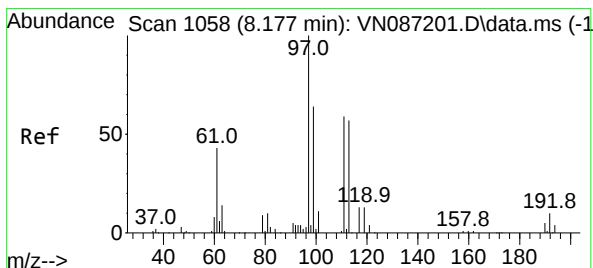
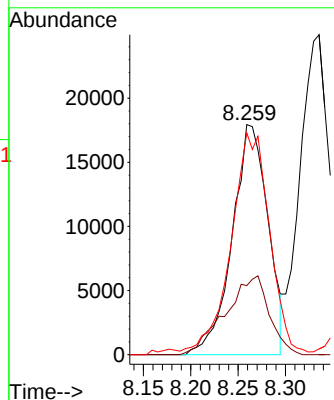
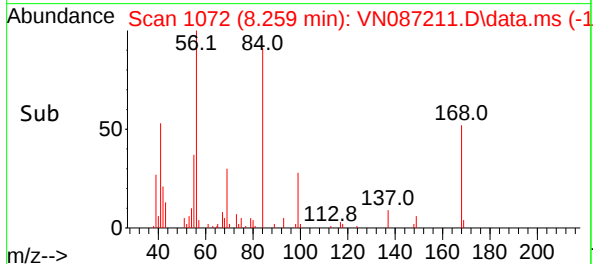


#31
Cyclohexane
Concen: 14.747 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

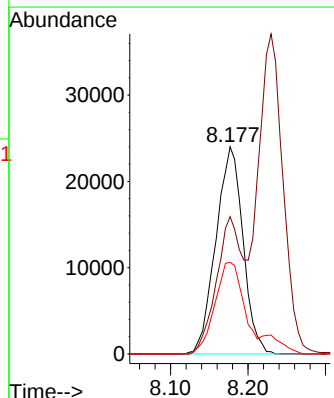
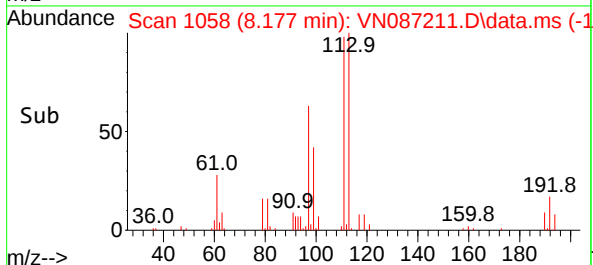
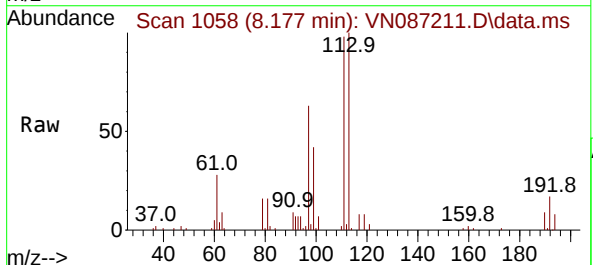


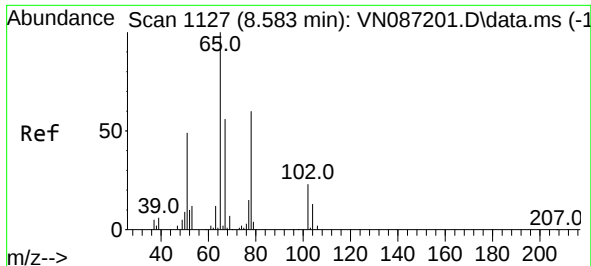
Tgt Ion:	56	Resp:	47081
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.3	37.9
84	94.8	67.4	101.0



#32
1,1,1-Trichloroethane
Concen: 20.382 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:	97	Resp:	58399
Ion Ratio	Lower	Upper	
97	100		
99	67.1	49.9	74.9
61	48.1	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 49.104 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

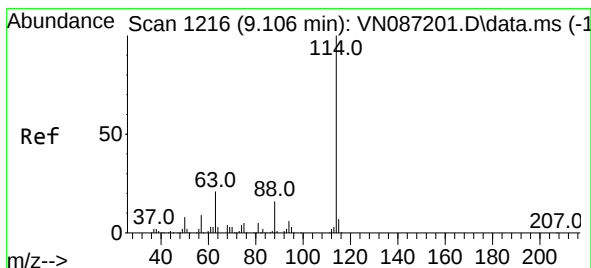
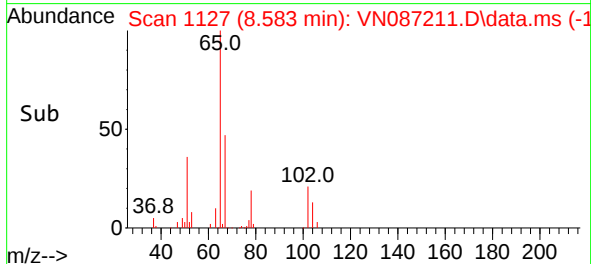
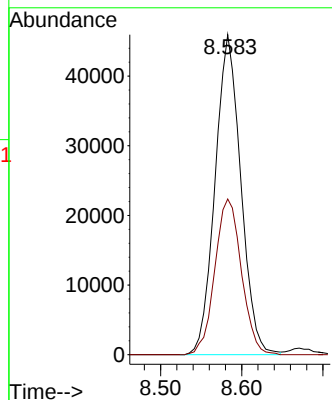
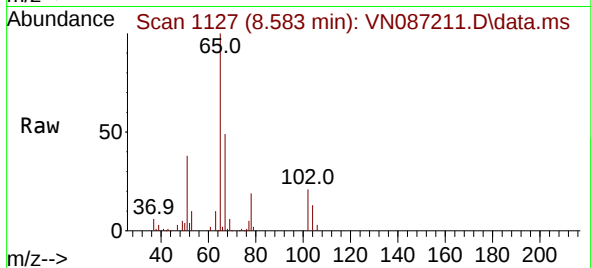
VN0627WBSD01

Tgt Ion: 65 Resp: 101264

Ion Ratio Lower Upper

65 100

67 50.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

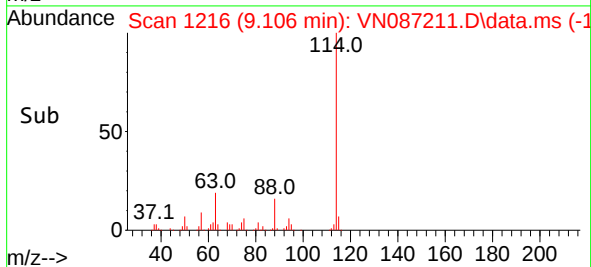
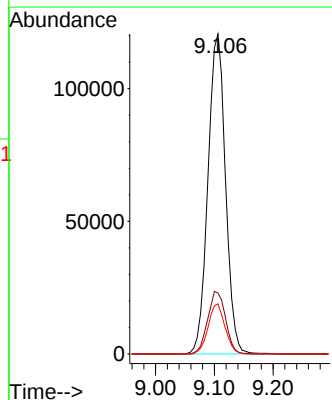
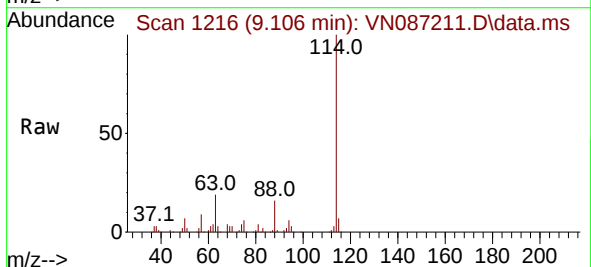
Tgt Ion: 114 Resp: 249904

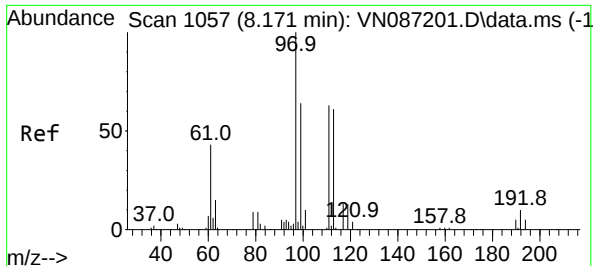
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.0

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 56.763 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

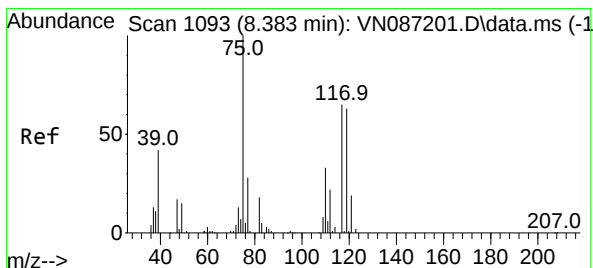
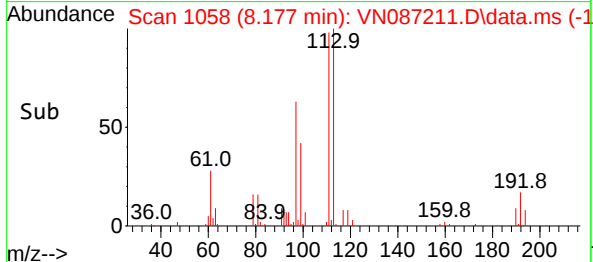
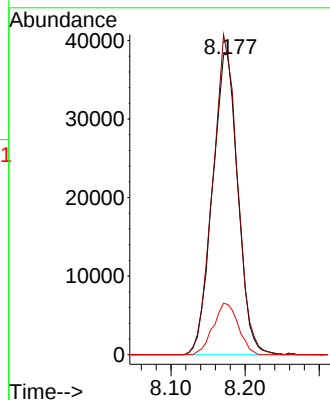
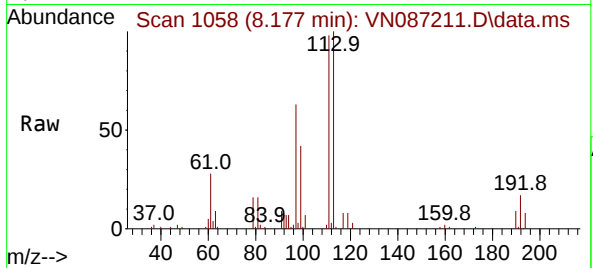
Tgt Ion:113 Resp: 91710

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 16.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 17.213 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

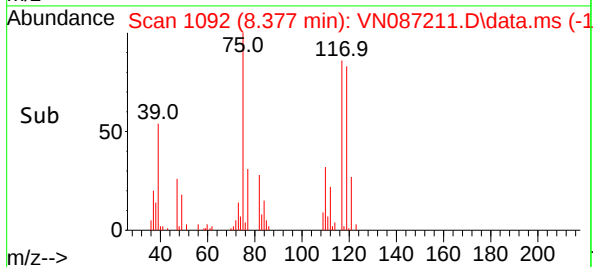
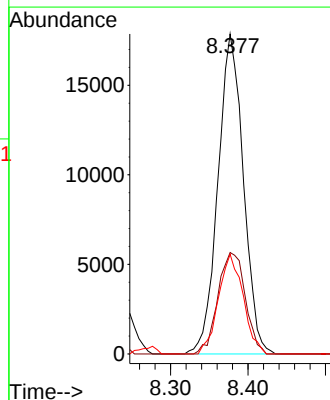
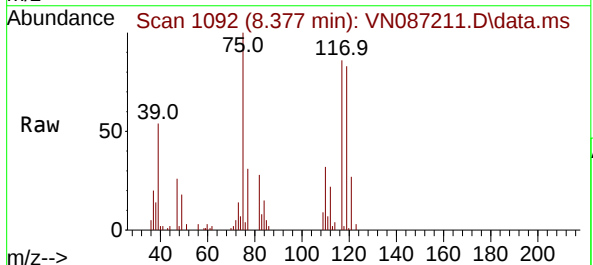
Tgt Ion: 75 Resp: 40734

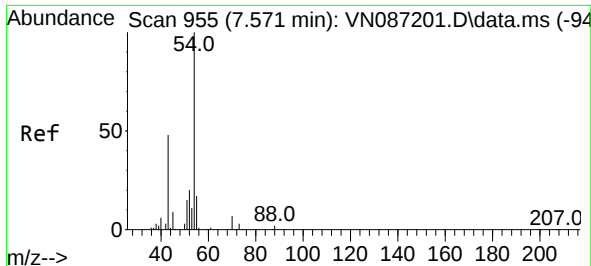
Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.6

77 30.3 24.7 37.1

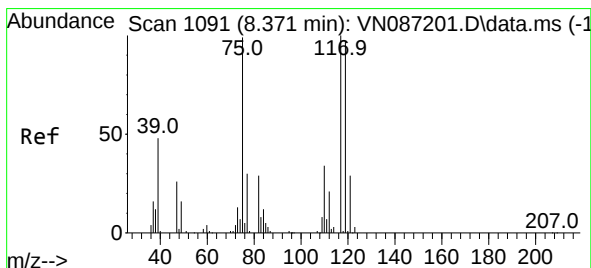
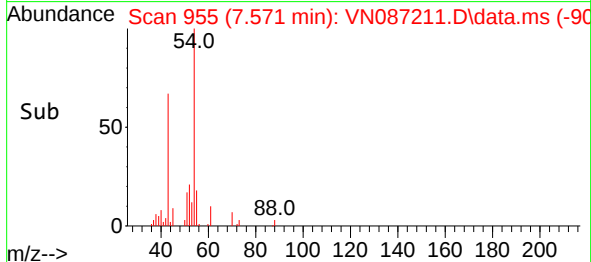
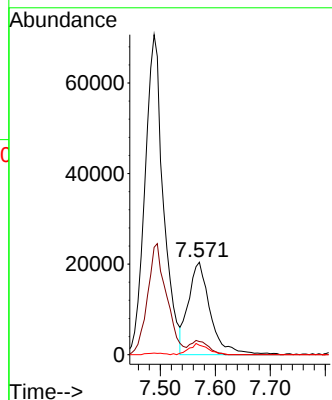
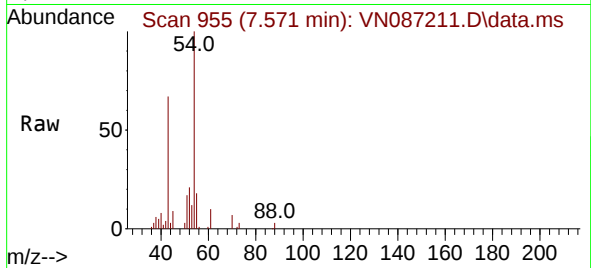




#37
Ethyl Acetate
Concen: 17.032 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

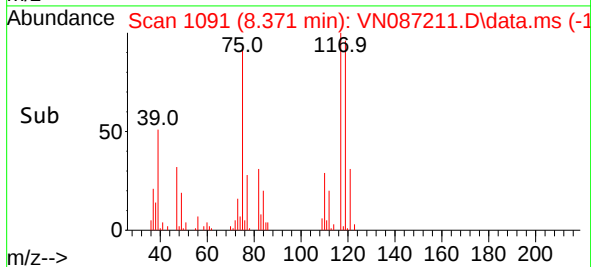
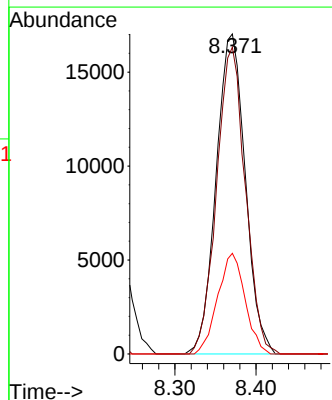
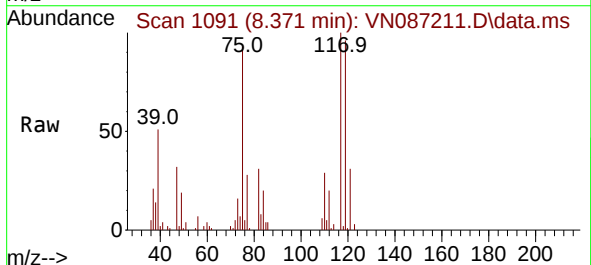
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

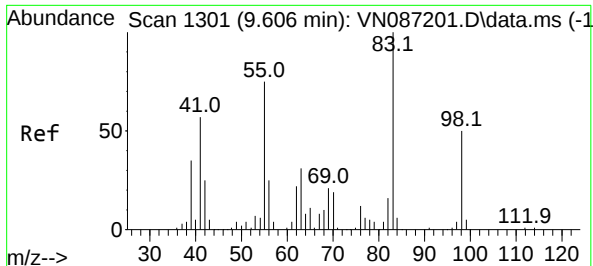
Tgt Ion: 43 Resp: 56531
Ion Ratio Lower Upper
43 100
61 12.5 10.8 16.2
70 10.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.425 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 117 Resp: 42465
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
121 31.5 23.2 34.8





#39

Methylcyclohexane

Concen: 16.316 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

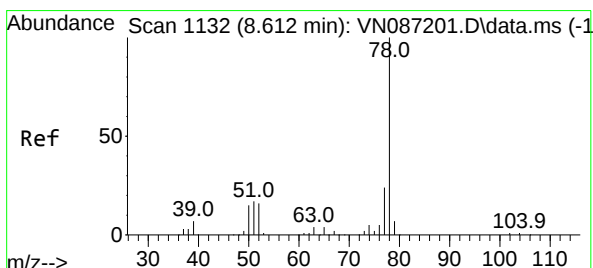
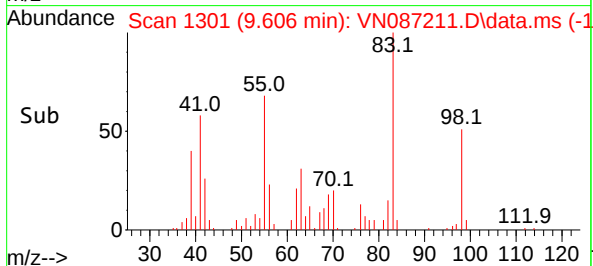
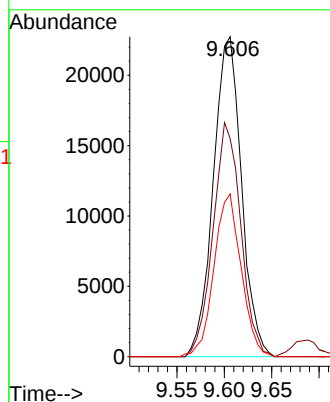
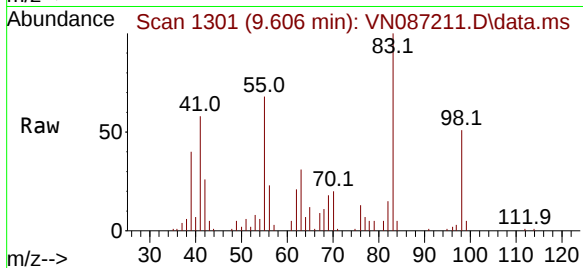
Tgt Ion: 83 Resp: 47109

Ion Ratio Lower Upper

83 100

55 68.2 59.8 89.8

98 50.9 39.8 59.8



#40

Benzene

Concen: 17.106 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087211.D

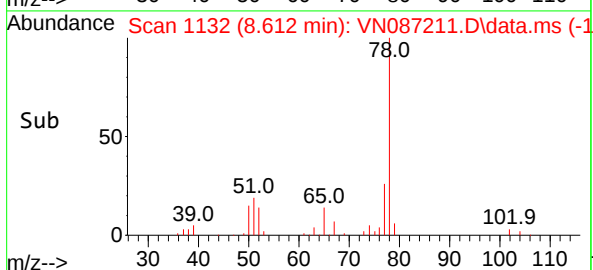
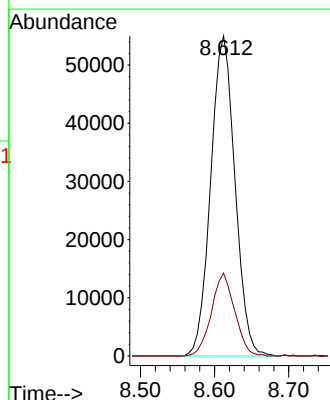
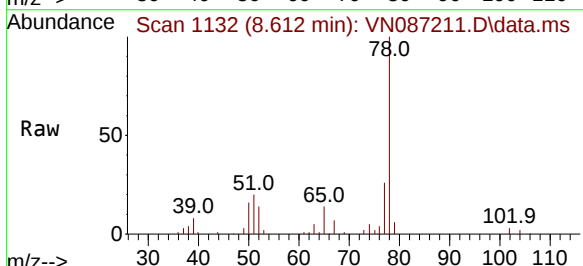
Acq: 27 Jun 2025 11:27

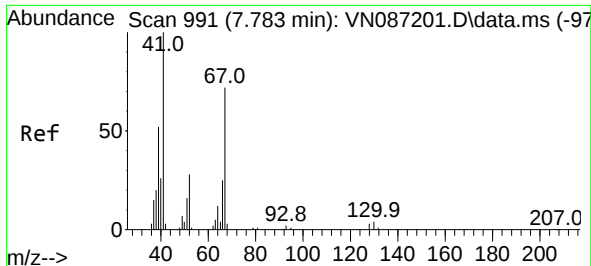
Tgt Ion: 78 Resp: 125083

Ion Ratio Lower Upper

78 100

77 25.9 19.0 28.6

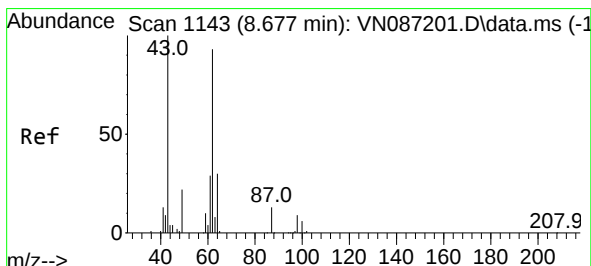
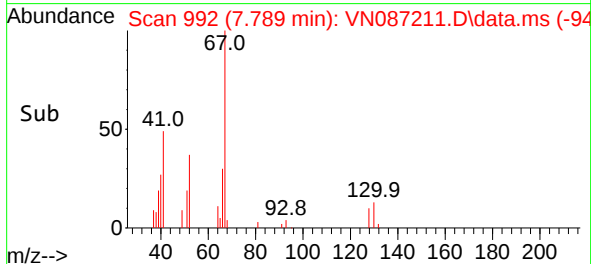
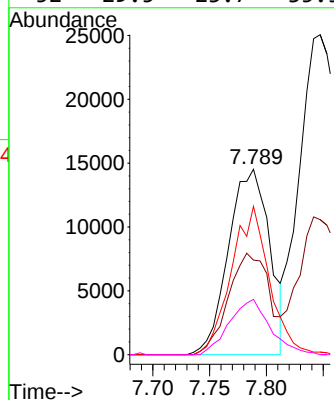
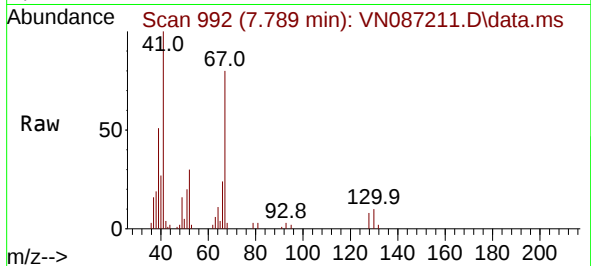




#41
Methacrylonitrile
Concen: 23.638 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

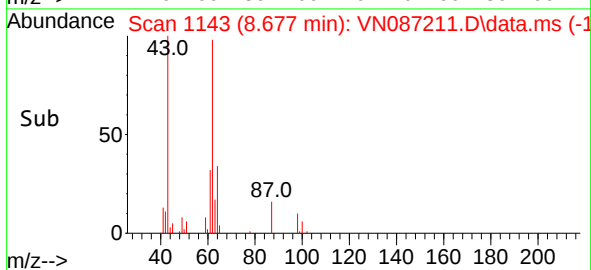
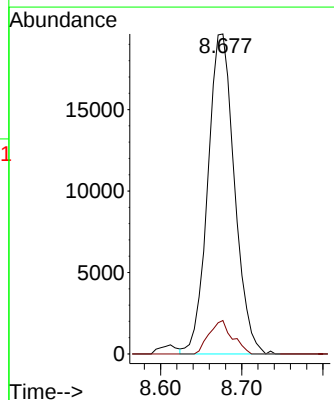
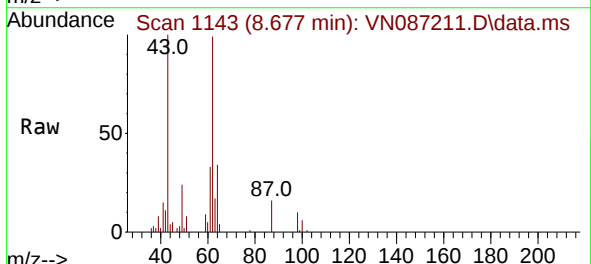
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

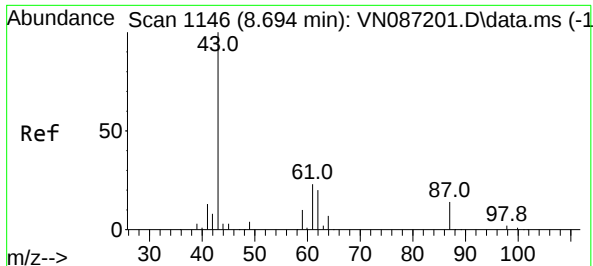
Tgt Ion:	41	Resp:	36611
Ion	Ratio	Lower	Upper
41	100		
39	54.7	41.3	61.9
67	74.0	60.2	90.2
52	29.5	23.7	35.5



#42
1,2-Dichloroethane
Concen: 18.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:	62	Resp:	44863
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

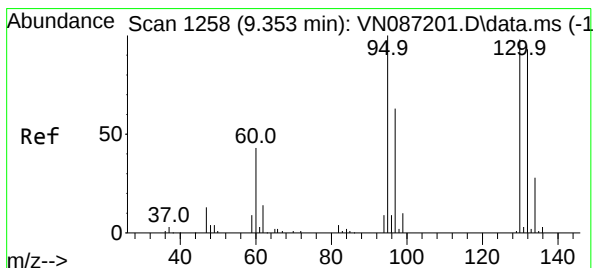
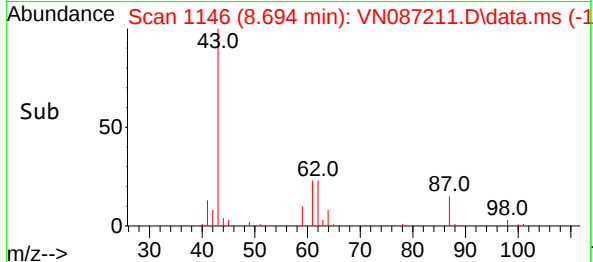
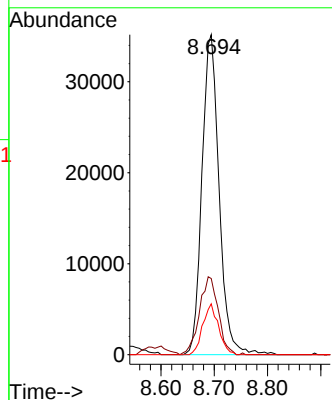
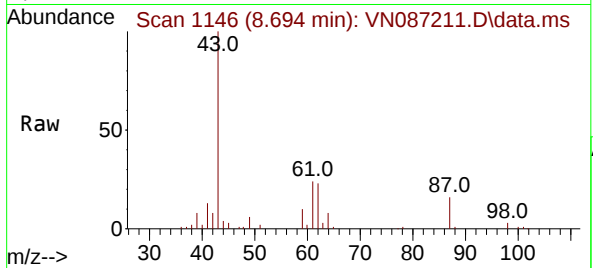




#43
Isopropyl Acetate
Concen: 18.099 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

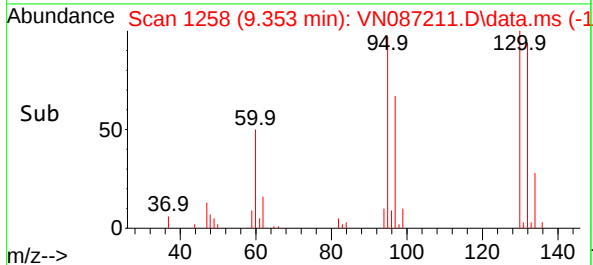
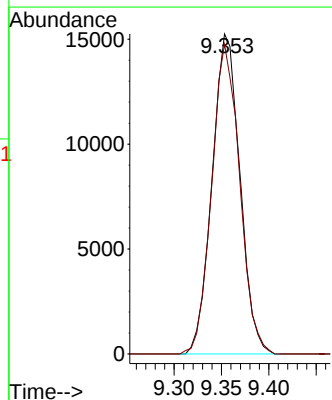
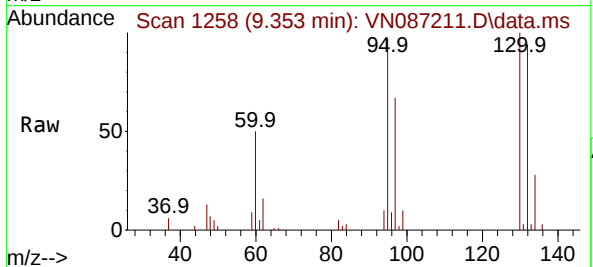
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

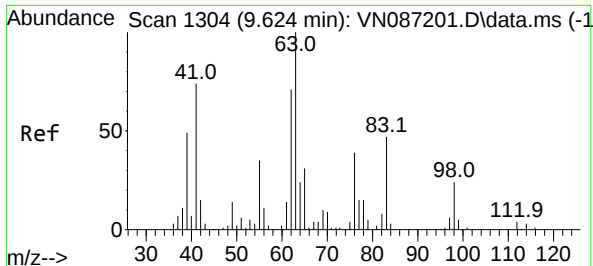
Tgt Ion:	43	Resp:	78742
Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.0	31.6
87	14.6	11.0	16.6



#44
Trichloroethene
Concen: 17.800 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:	130	Resp:	31163
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 16.272 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

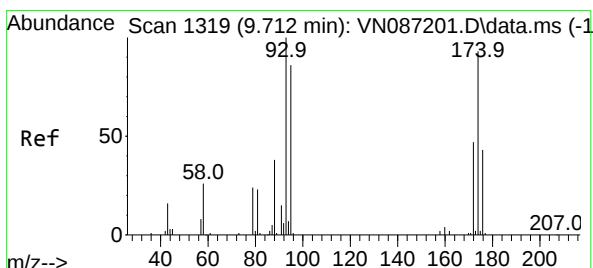
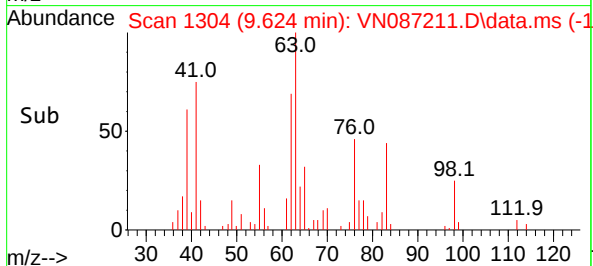
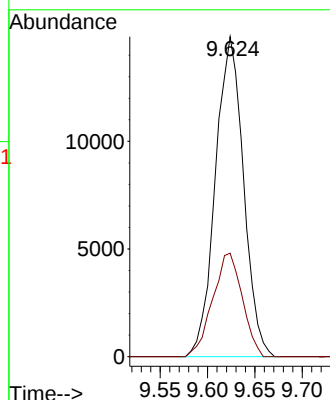
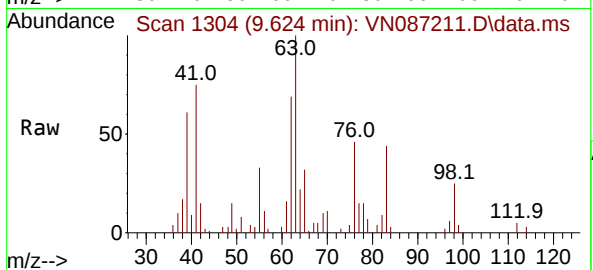
VN0627WBSD01

Tgt Ion: 63 Resp: 30669

Ion Ratio Lower Upper

63 100

65 32.4 24.7 37.1



#46

Dibromomethane

Concen: 18.512 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

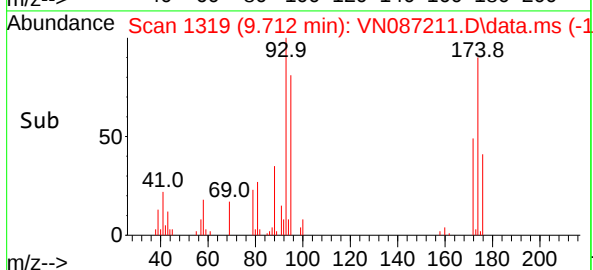
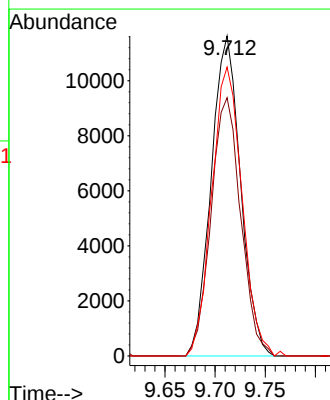
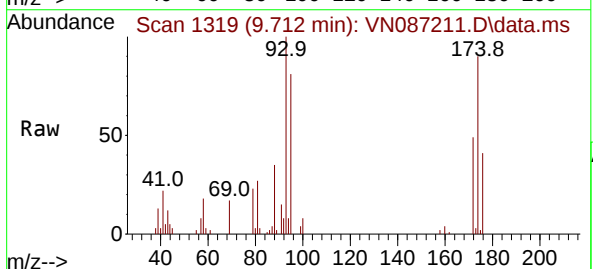
Tgt Ion: 93 Resp: 23645

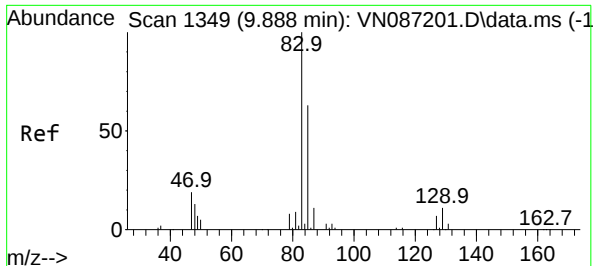
Ion Ratio Lower Upper

93 100

95 81.7 67.4 101.2

174 93.2 72.3 108.5

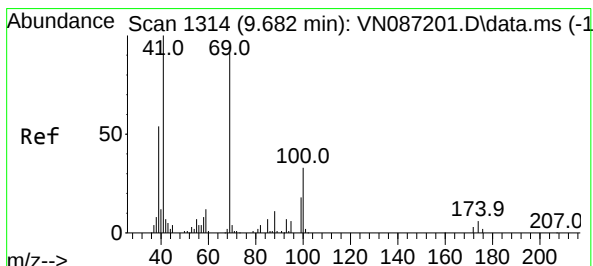
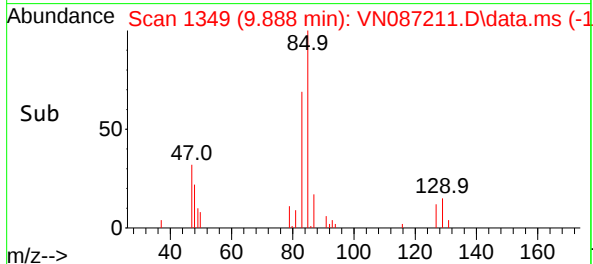
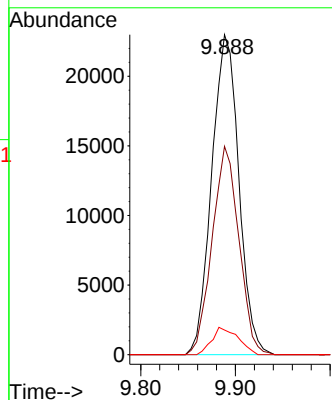
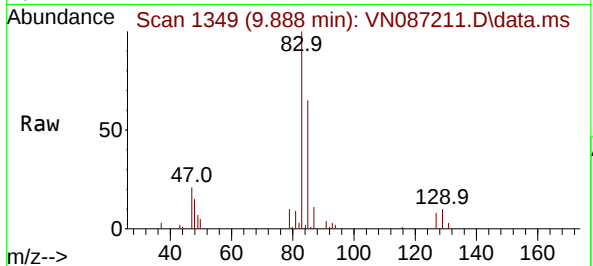




#47
Bromodichloromethane
Concen: 17.827 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

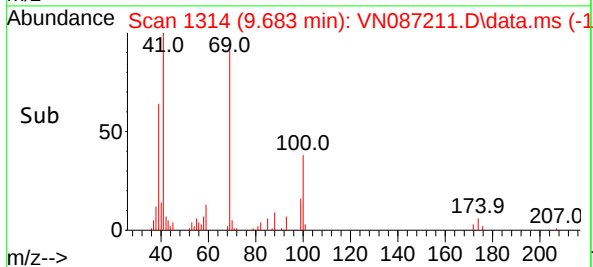
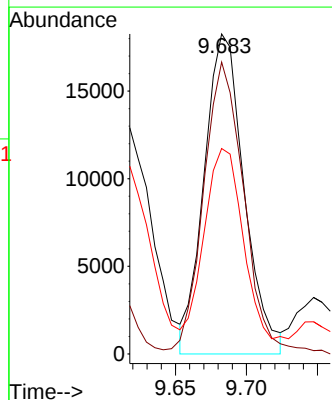
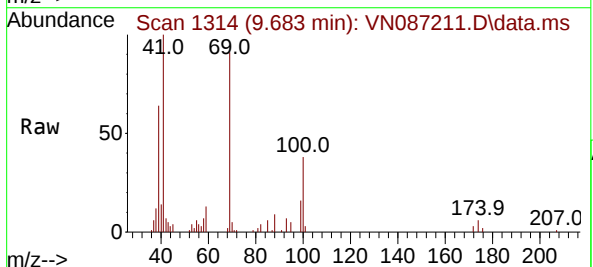
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

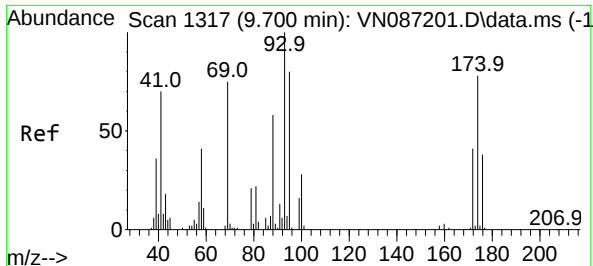
Tgt Ion:	83	Resp:	45729
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.0	75.0
127	7.7	6.0	9.0



#48
Methyl methacrylate
Concen: 16.987 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:	41	Resp:	35732
Ion	Ratio	Lower	Upper
41	100		
69	92.5	69.9	104.9
39	67.1	43.8	65.6





#49

1,4-Dioxane

Concen: 298.697 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087211.D

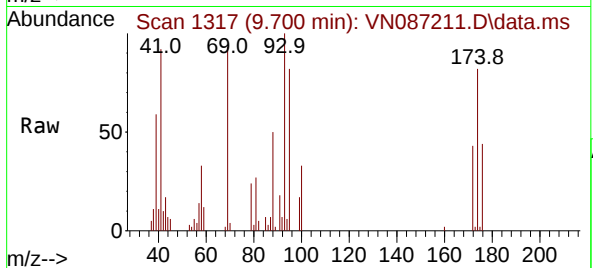
Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01



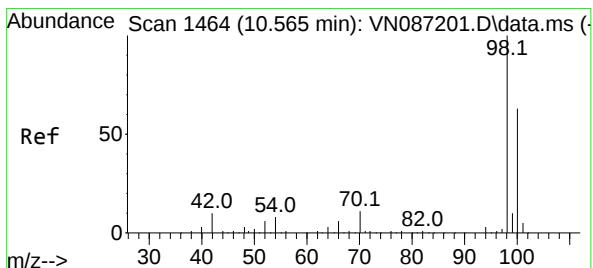
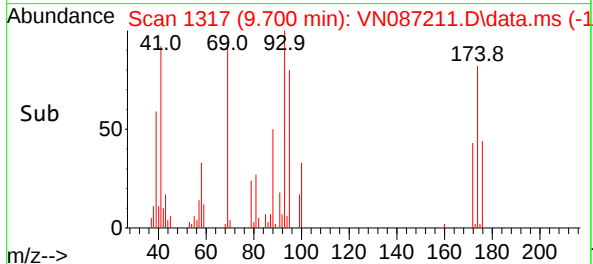
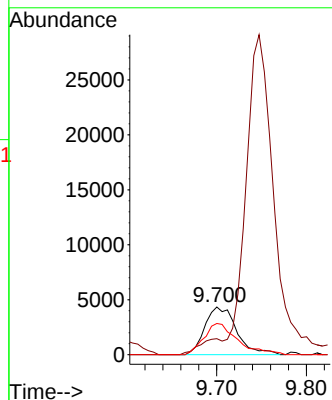
Tgt Ion: 88 Resp: 10686

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.2 59.2 88.8



#50

Toluene-d8

Concen: 48.016 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087211.D

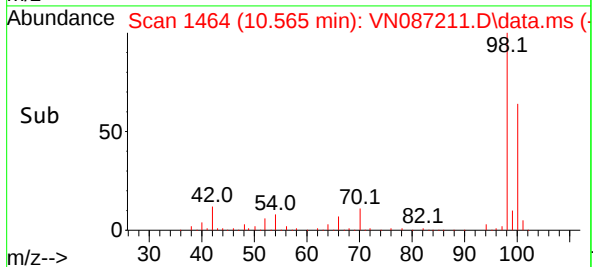
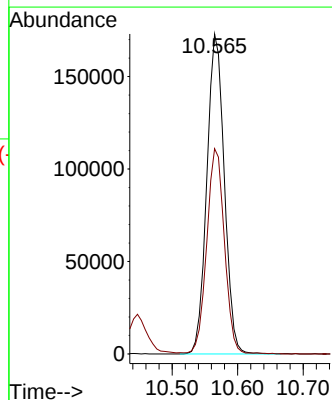
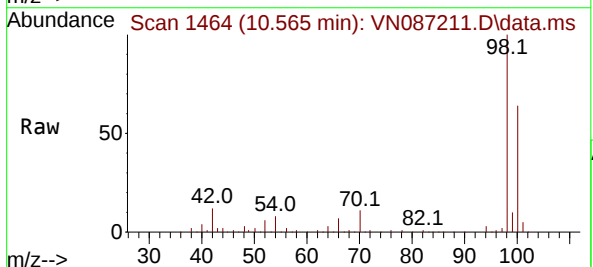
Acq: 27 Jun 2025 11:27

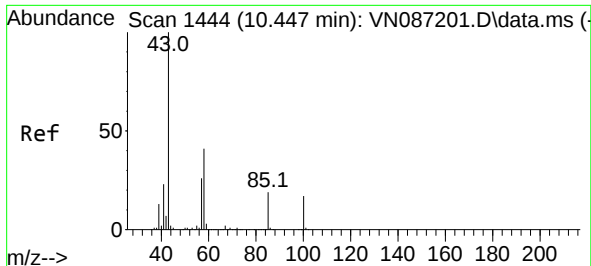
Tgt Ion: 98 Resp: 320853

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1

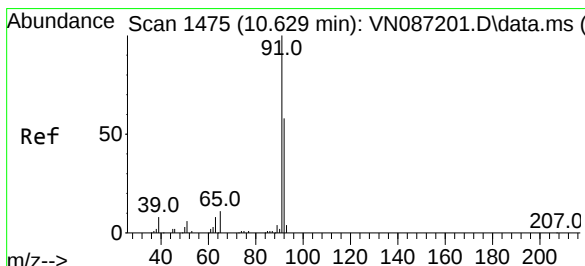
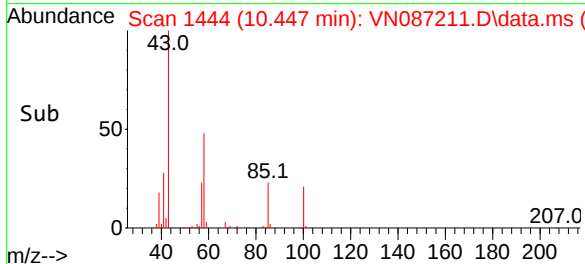
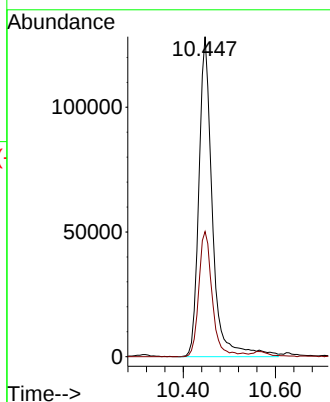
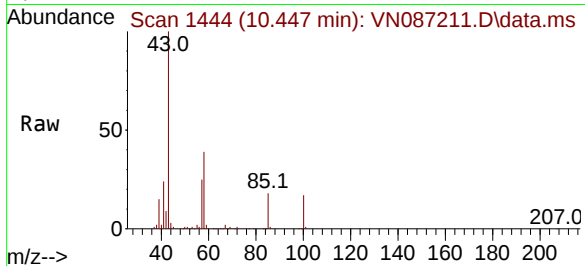




#51
4-Methyl-2-Pentanone
Concen: 81.498 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

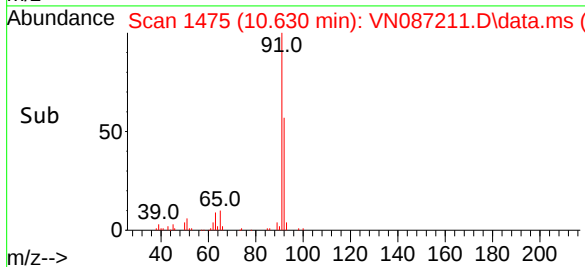
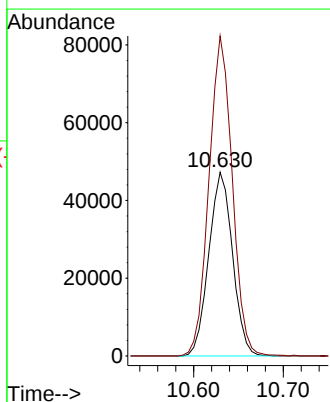
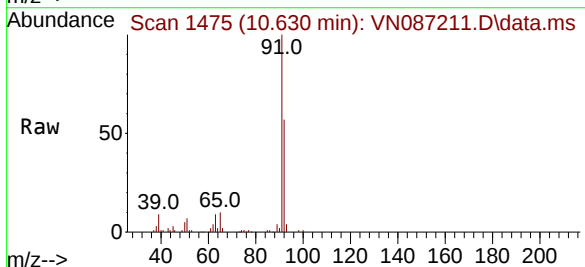
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

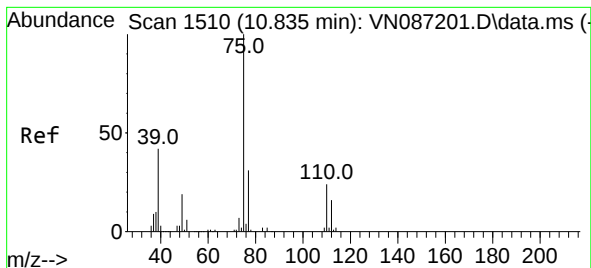
Tgt Ion: 43 Resp: 263150
Ion Ratio Lower Upper
43 100
58 38.4 32.6 48.8



#52
Toluene
Concen: 18.582 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 92 Resp: 86864
Ion Ratio Lower Upper
92 100
91 171.0 138.2 207.2

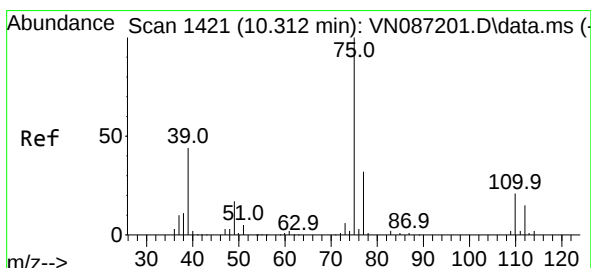
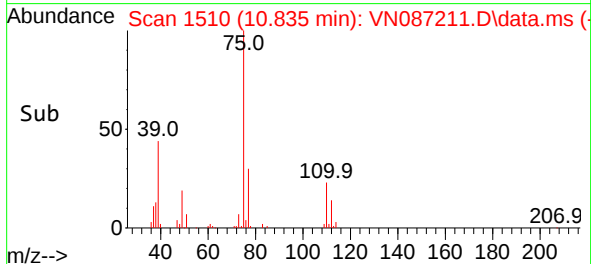
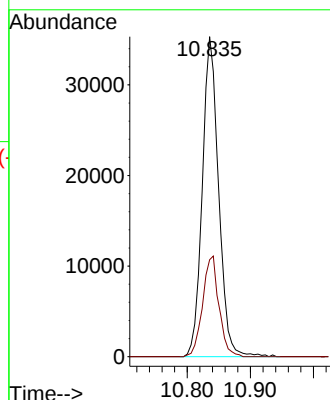
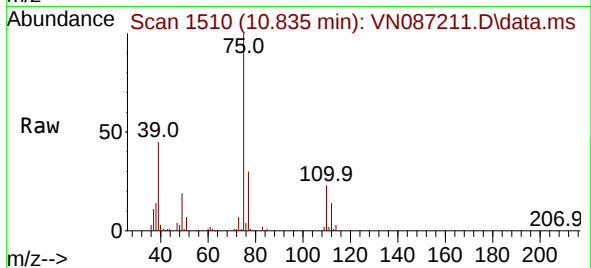




#53
t-1,3-Dichloropropene
Concen: 22.145 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

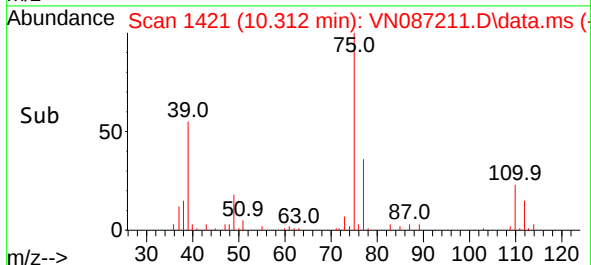
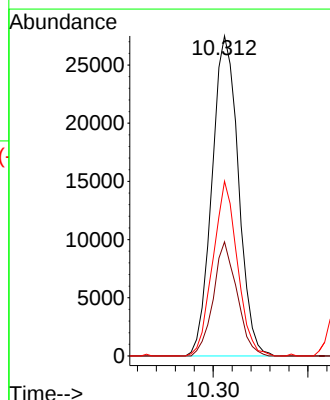
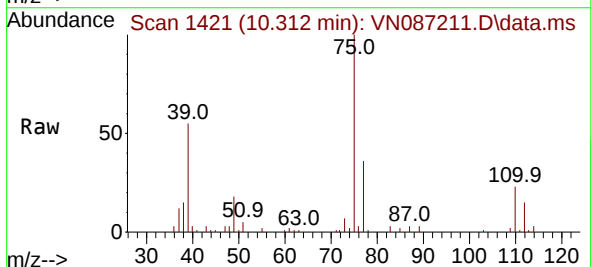
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

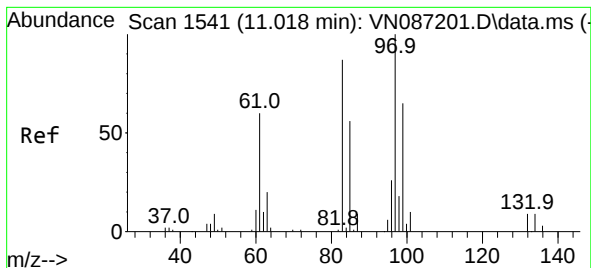
Tgt Ion: 75 Resp: 63340
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 17.478 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 75 Resp: 53193
Ion Ratio Lower Upper
75 100
77 35.7 25.4 38.2
39 54.6 34.9 52.3#

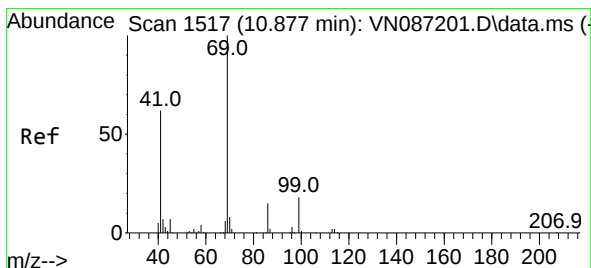
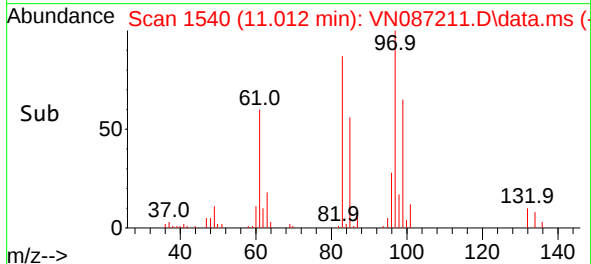
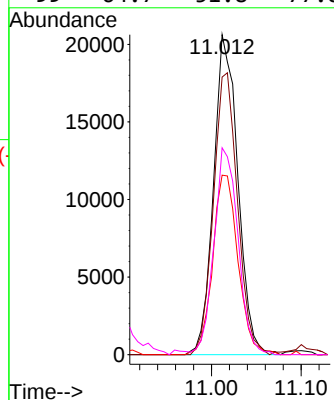
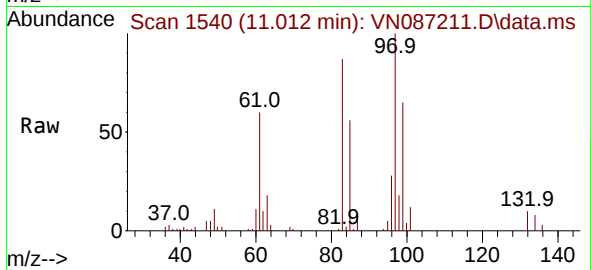




#55
1,1,2-Trichloroethane
Concen: 21.939 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

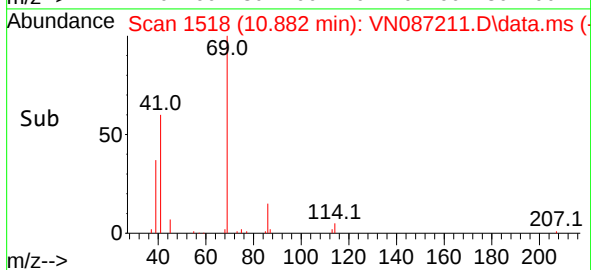
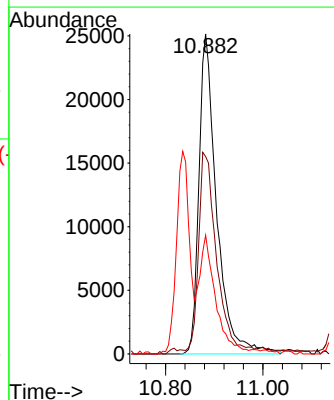
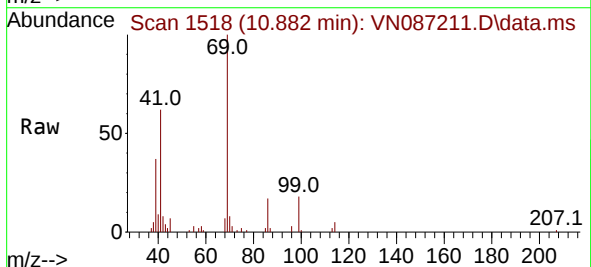
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

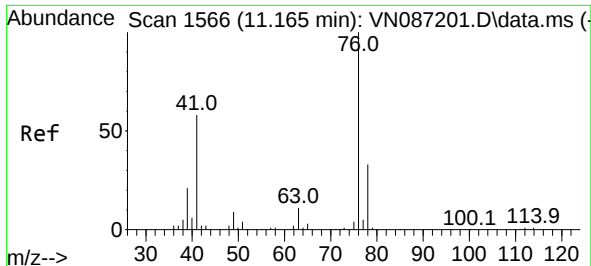
Tgt Ion:	97	Resp:	38786
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.5	104.3
85	56.1	44.7	67.1
99	64.7	51.8	77.8



#56
Ethyl methacrylate
Concen: 20.913 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:	69	Resp:	63451
Ion	Ratio	Lower	Upper
69	100		
41	62.2	48.4	72.6
39	32.6	24.1	36.1





#57

1,3-Dichloropropane

Concen: 21.350 ug/l

RT: 11.159 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

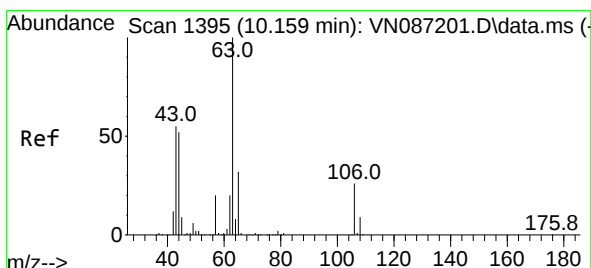
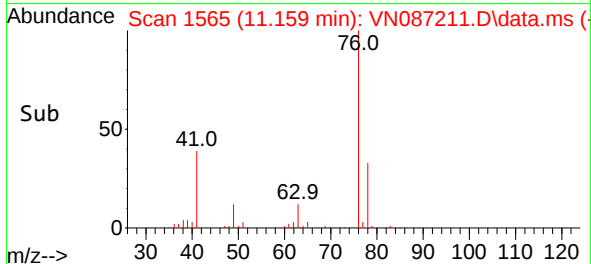
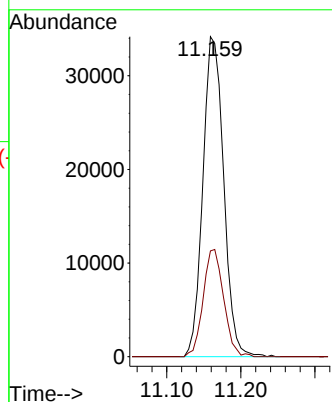
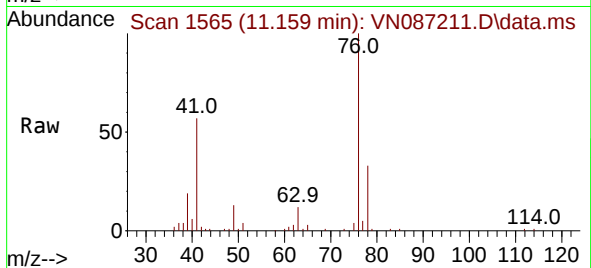
VN0627WBSD01

Tgt Ion: 76 Resp: 66685

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 87.066 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087211.D

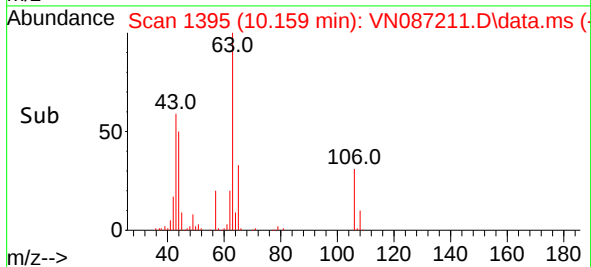
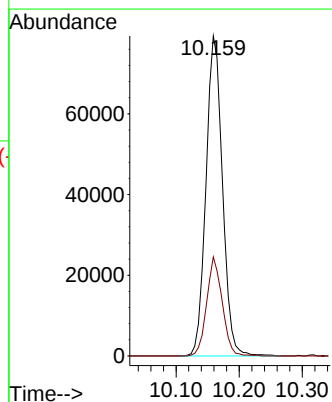
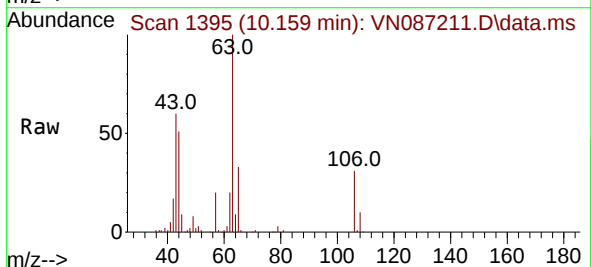
Acq: 27 Jun 2025 11:27

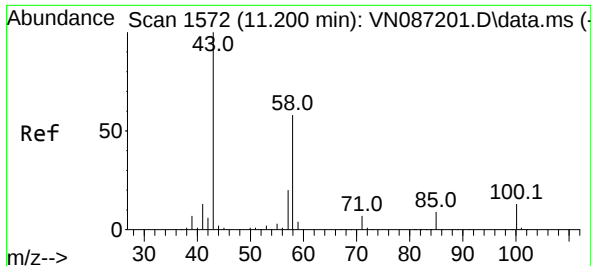
Tgt Ion: 63 Resp: 144165

Ion Ratio Lower Upper

63 100

106 29.2 21.7 32.5

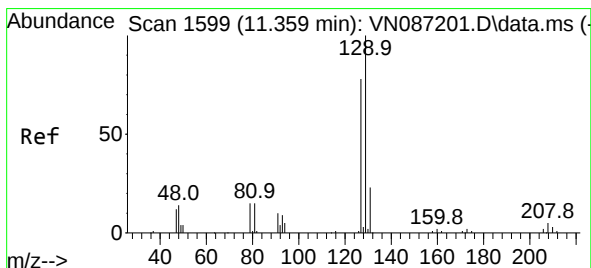
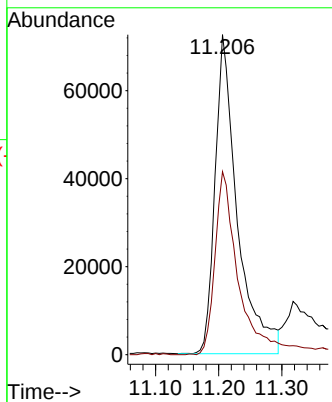
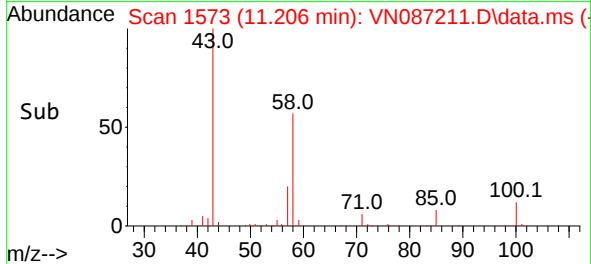
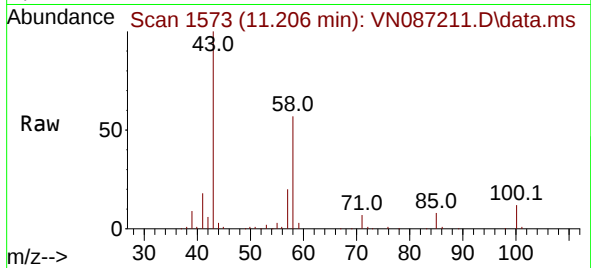




#59
2-Hexanone
Concen: 91.603 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

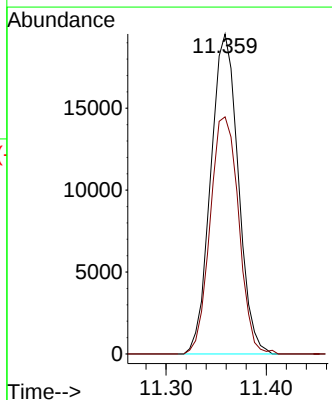
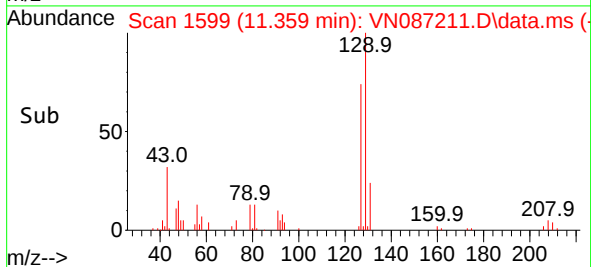
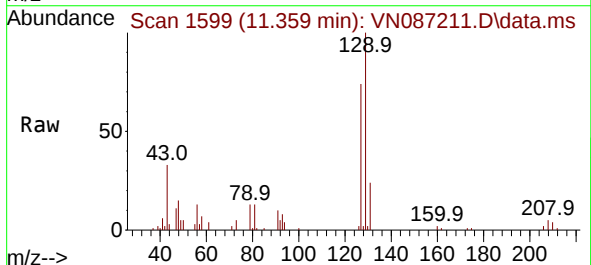
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

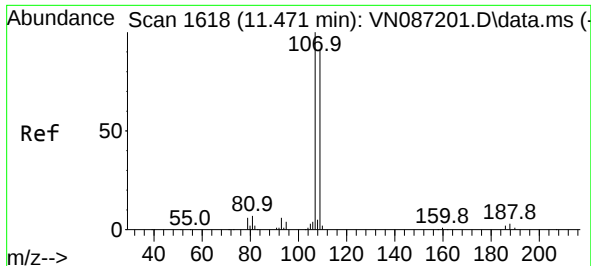
Tgt Ion: 43 Resp: 177301
Ion Ratio Lower Upper
43 100
58 62.0 31.1 93.3



#60
Dibromochloromethane
Concen: 19.379 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 129 Resp: 37260
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

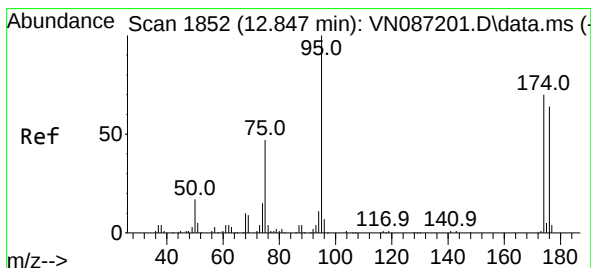
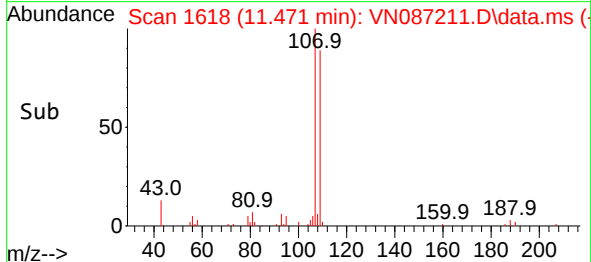
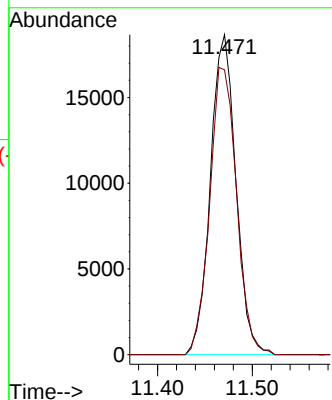
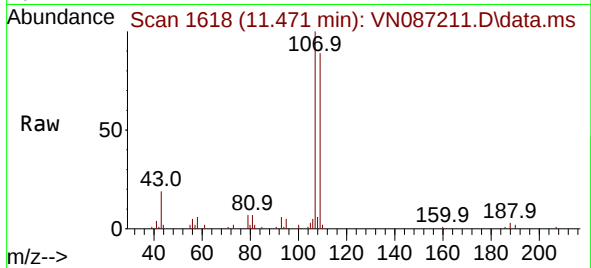




#61
1,2-Dibromoethane
Concen: 18.679 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

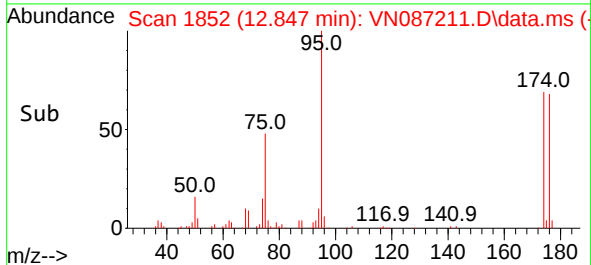
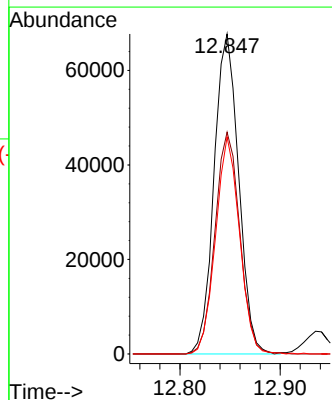
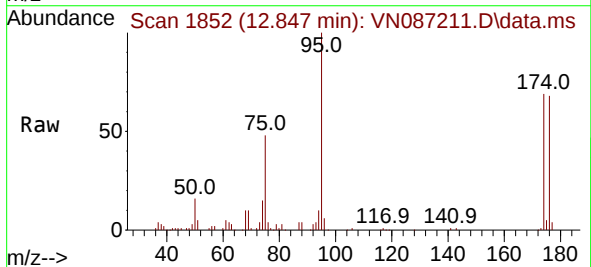
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

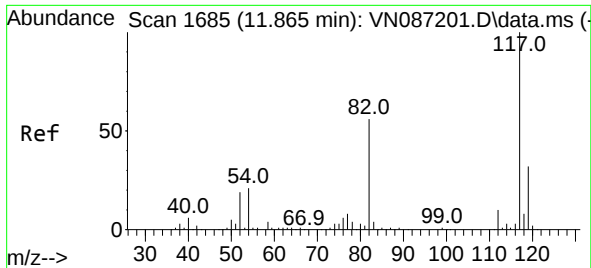
Tgt Ion:107 Resp: 34907
Ion Ratio Lower Upper
107 100
109 94.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 49.726 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 95 Resp: 115299
Ion Ratio Lower Upper
95 100
174 69.8 0.0 142.2
176 66.0 0.0 134.8

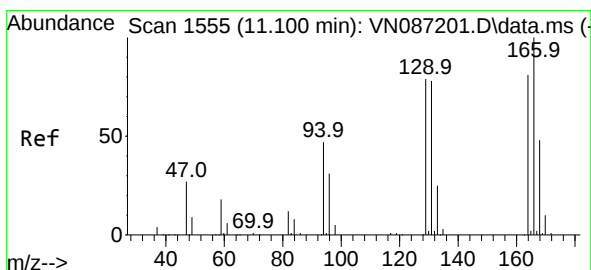
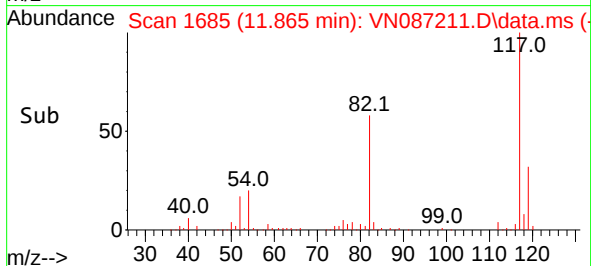
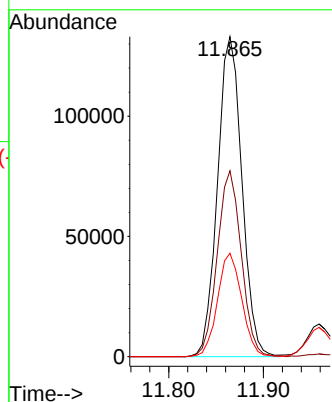
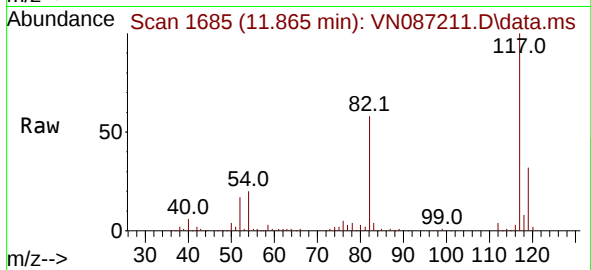




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

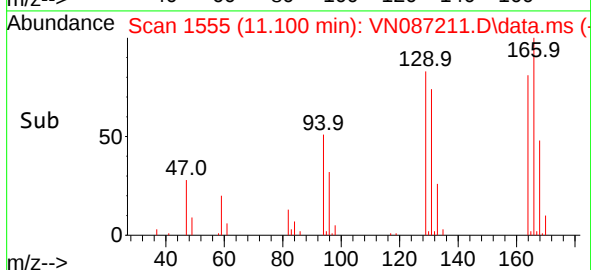
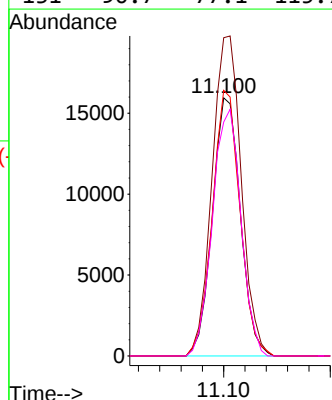
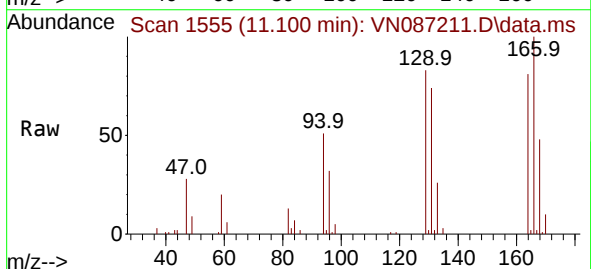
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

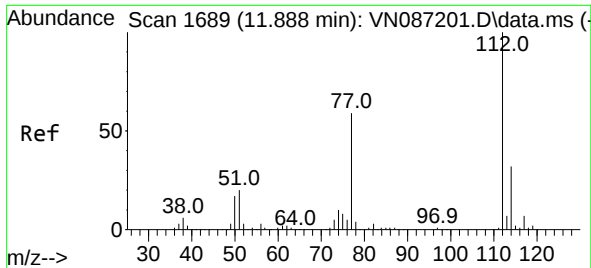
Tgt Ion:117 Resp: 238840
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 19.873 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:164 Resp: 29051
Ion Ratio Lower Upper
164 100
166 123.3 98.8 148.2
129 102.9 78.3 117.5
131 90.7 77.1 115.7

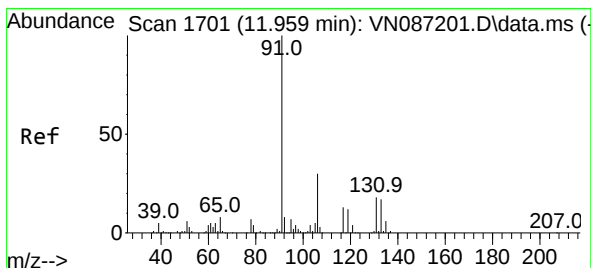
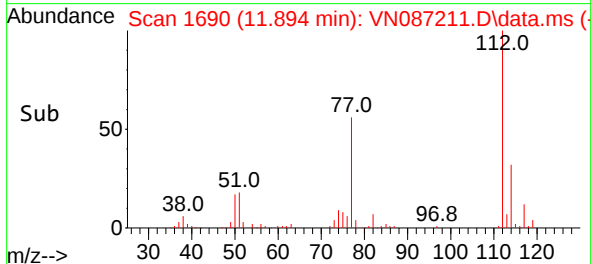
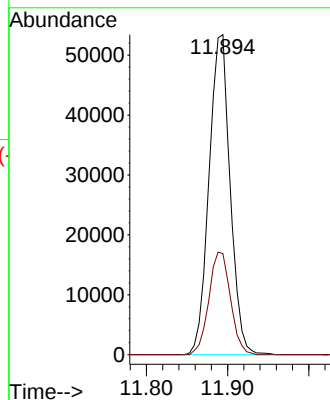
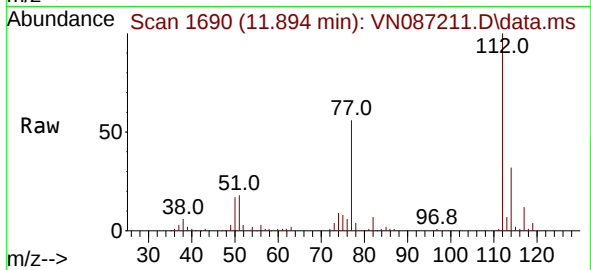




#65
Chlorobenzene
Concen: 18.201 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

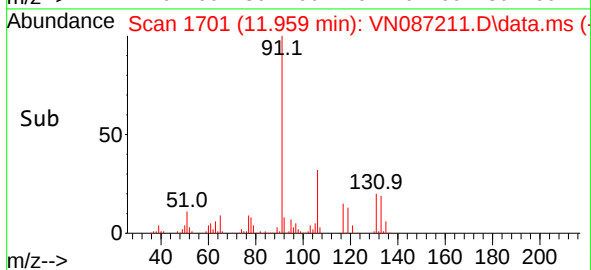
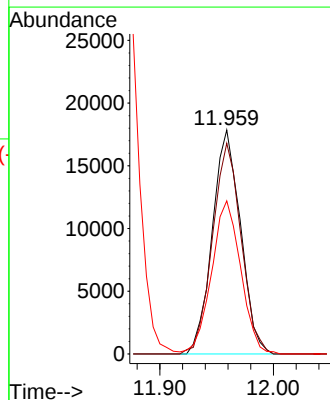
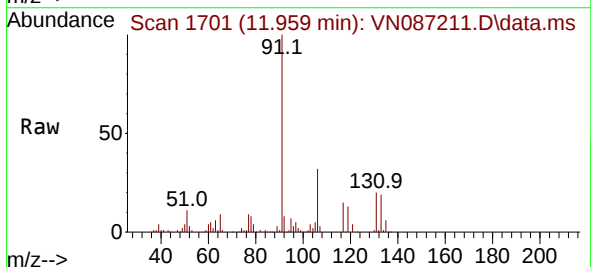
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

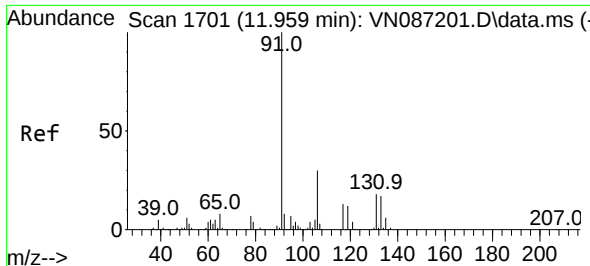
Tgt Ion:112 Resp: 96423
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.237 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:131 Resp: 30859
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 70.7 34.6 103.9

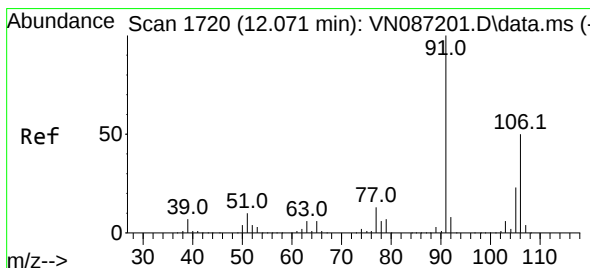
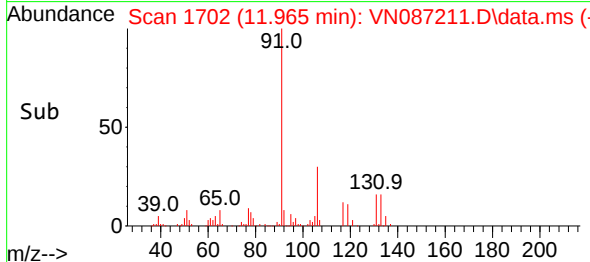
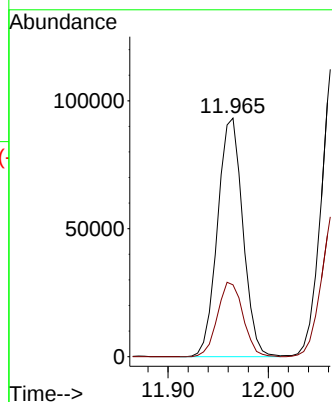
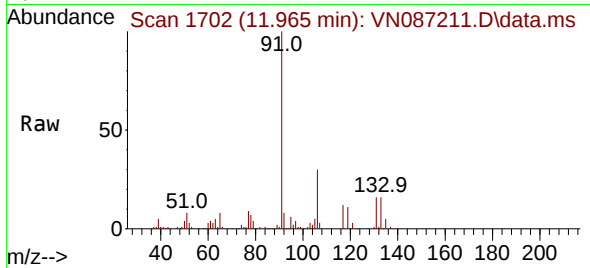




#67
Ethyl Benzene
Concen: 18.470 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

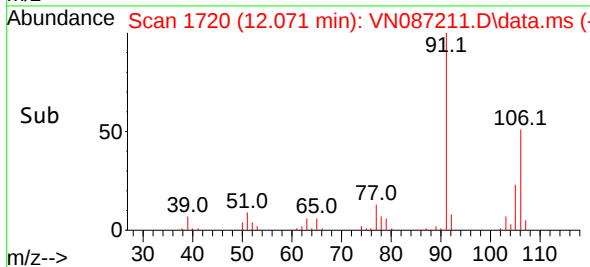
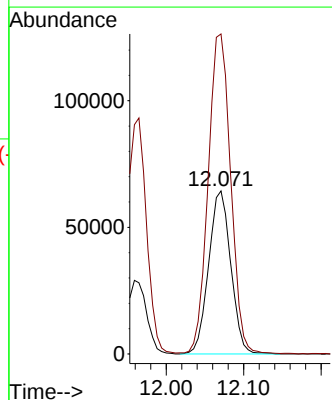
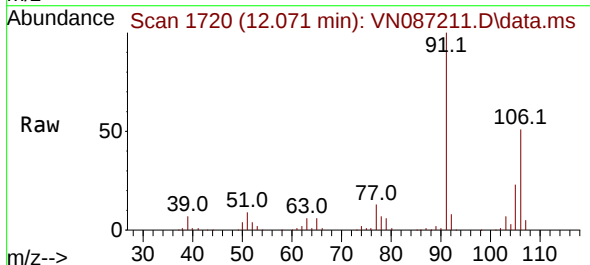
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

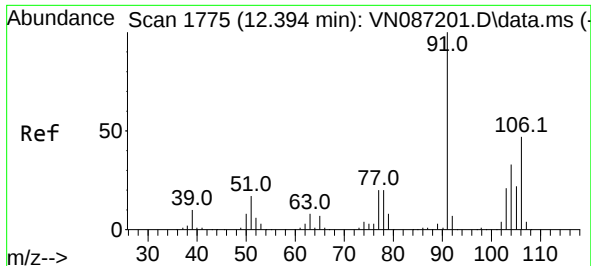
Tgt Ion: 91 Resp: 163188
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2



#68
m/p-Xylenes
Concen: 37.897 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:106 Resp: 128116
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.6

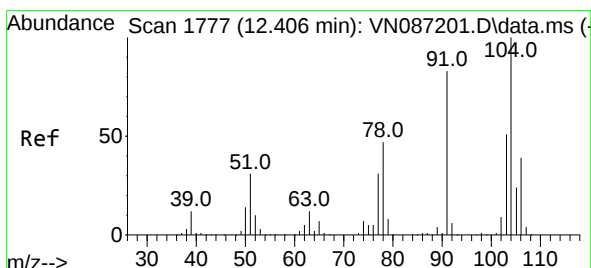
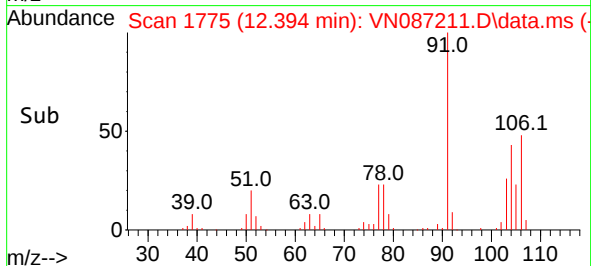
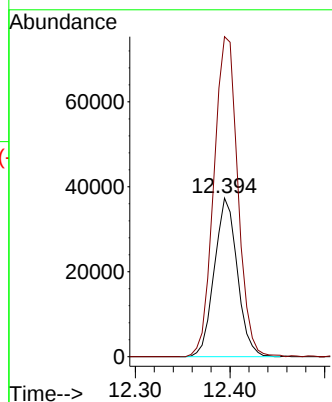
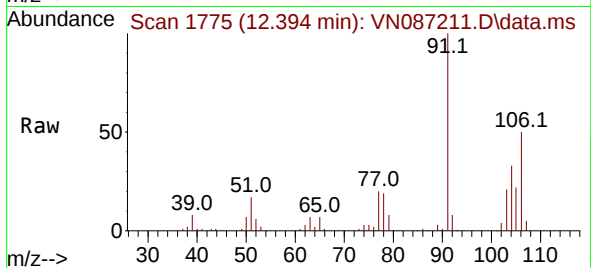




#69
o-Xylene
Concen: 20.428 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

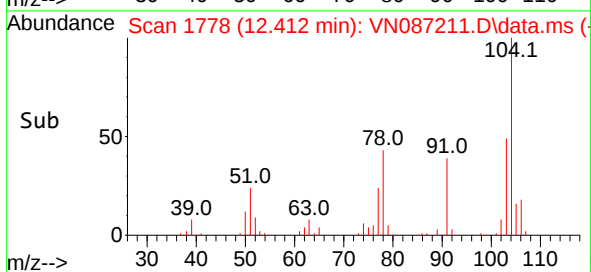
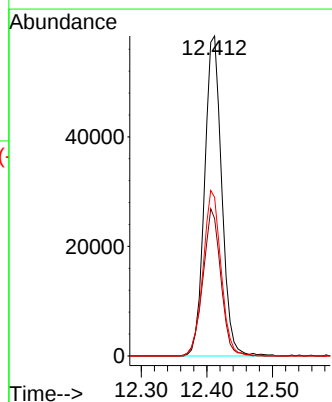
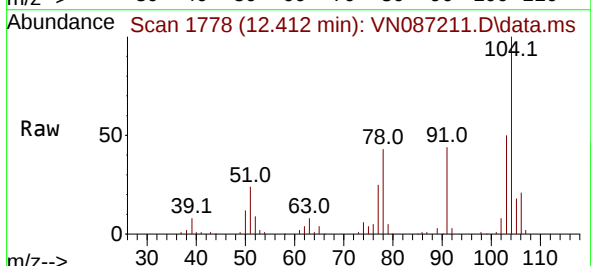
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

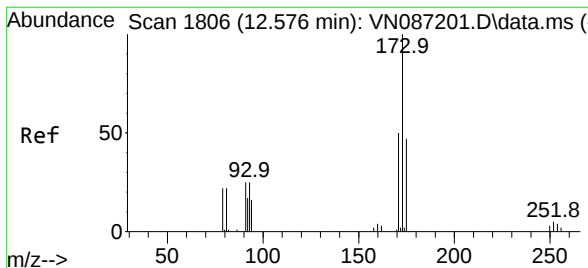
Tgt Ion:106 Resp: 62780
Ion Ratio Lower Upper
106 100
91 211.0 106.7 320.1



#70
Styrene
Concen: 20.179 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:104 Resp: 106444
Ion Ratio Lower Upper
104 100
78 47.6 39.3 58.9
103 54.0 43.8 65.6





#71

Bromoform

Concen: 18.936 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

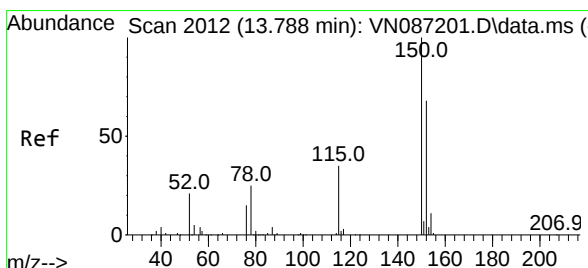
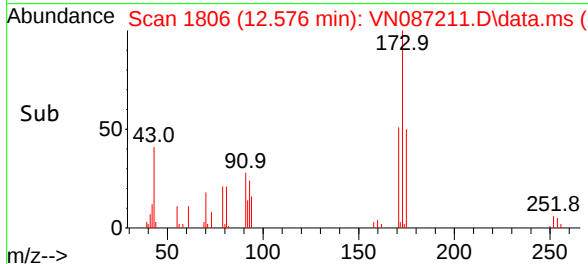
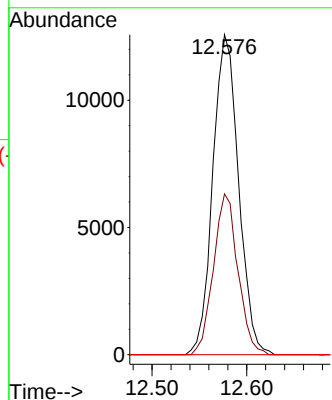
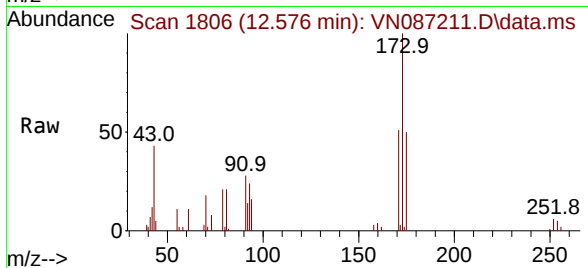
Tgt Ion:173 Resp: 23780

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

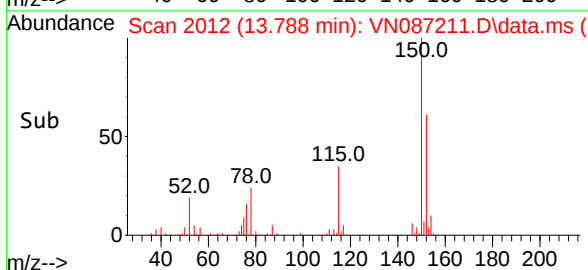
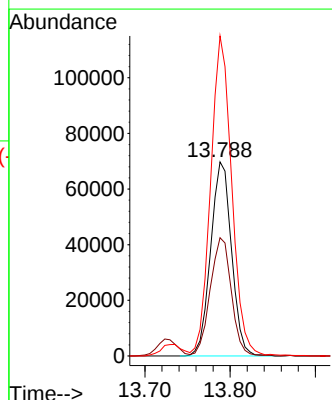
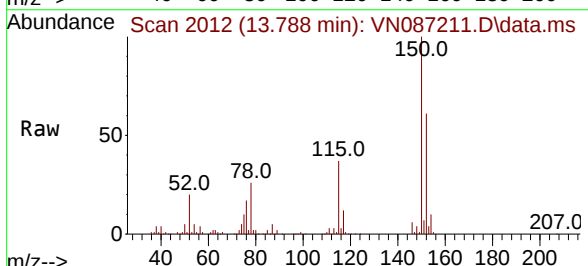
Tgt Ion:152 Resp: 118817

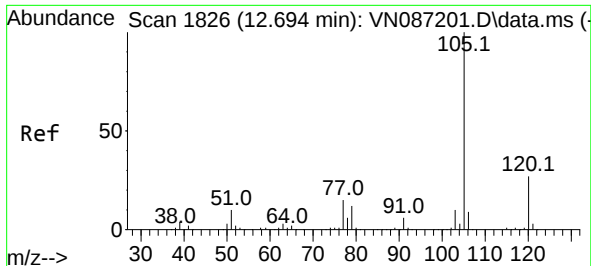
Ion Ratio Lower Upper

152 100

115 61.6 30.6 91.8

150 166.9 0.0 347.8

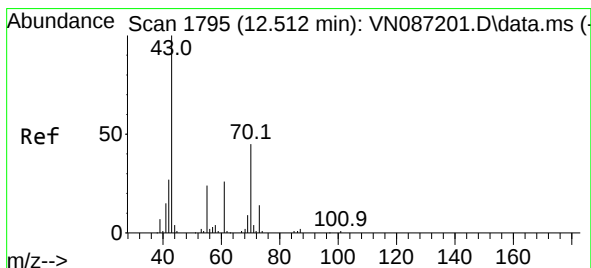
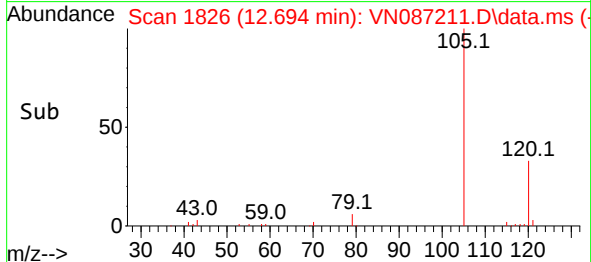
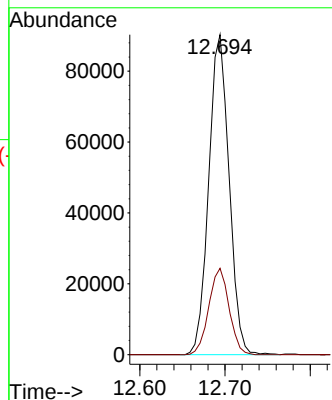
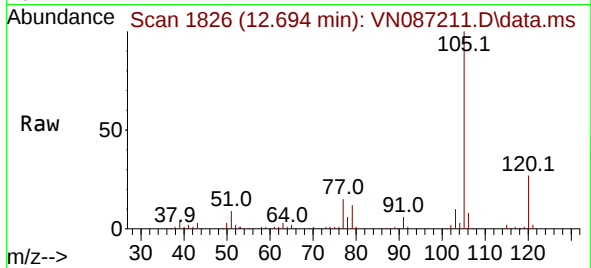




#73
Isopropylbenzene
Concen: 18.622 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

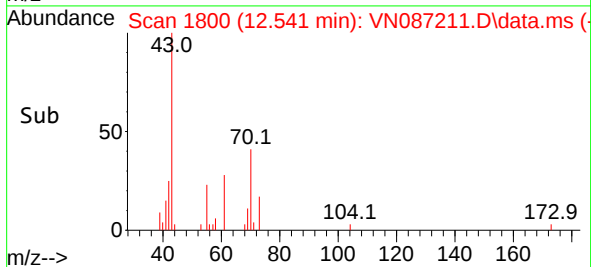
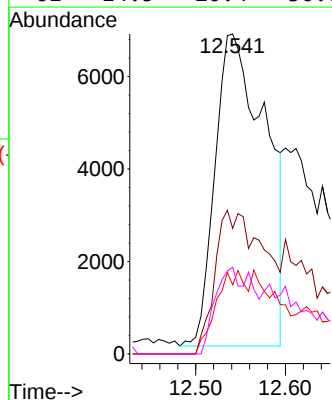
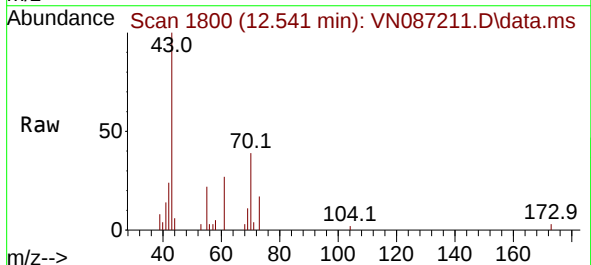
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

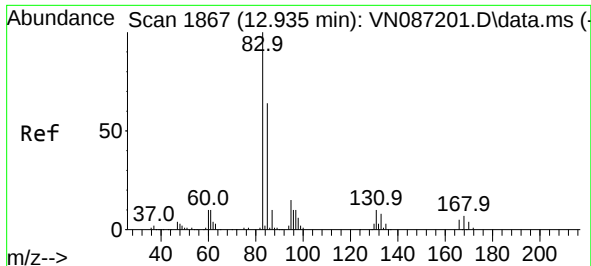
Tgt Ion:105 Resp: 149786
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 8.825 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.029 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 43 Resp: 26411
Ion Ratio Lower Upper
43 100
70 46.1 32.8 49.2
55 16.0 16.4 24.6#
61 14.5 20.4 30.6#

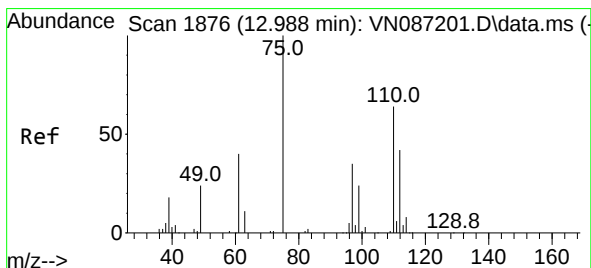
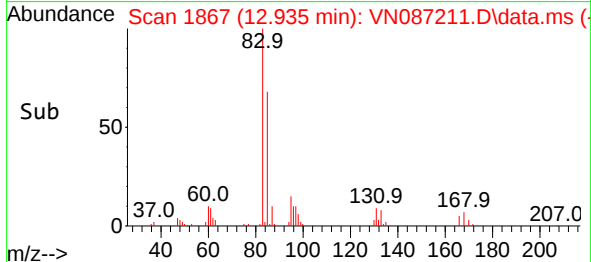
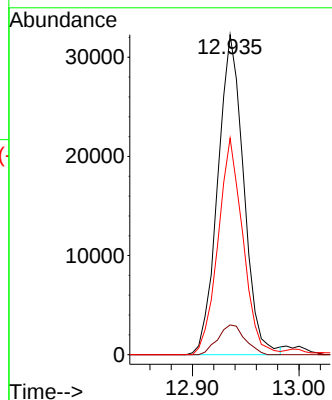
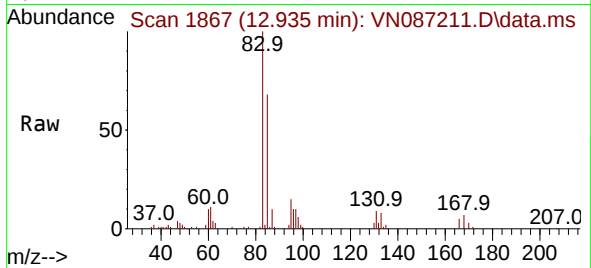




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.809 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

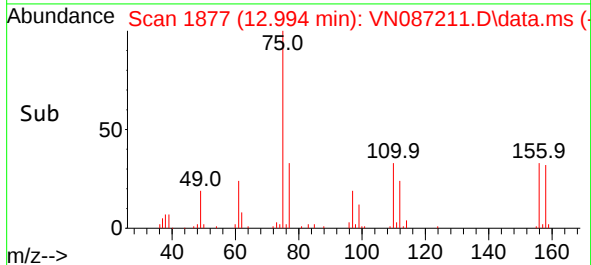
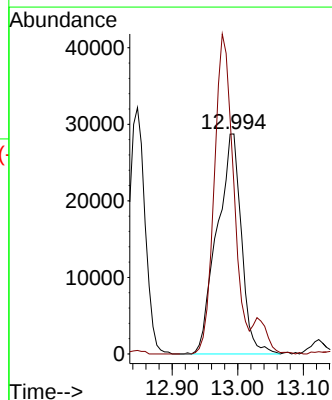
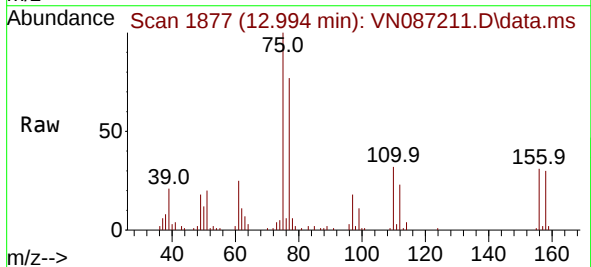
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

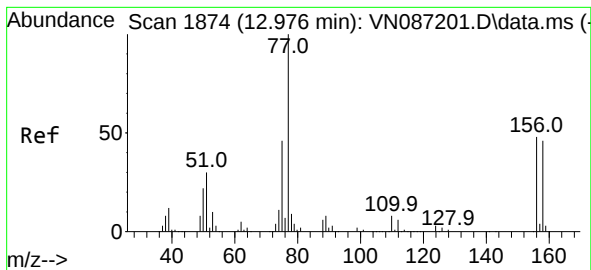
Tgt Ion: 83 Resp: 54490
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 65.0 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 27.986 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion: 75 Resp: 74188
 Ion Ratio Lower Upper
 75 100
 77 114.7 85.5 256.6





#77

Bromobenzene

Concen: 18.506 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

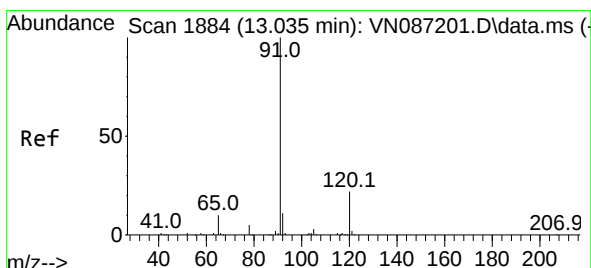
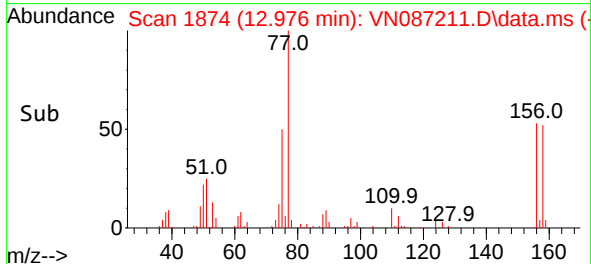
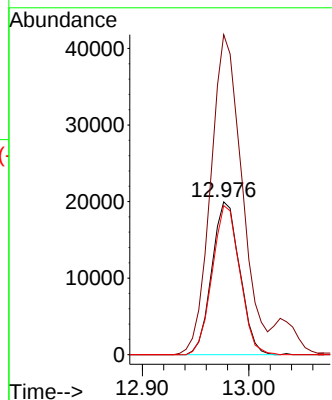
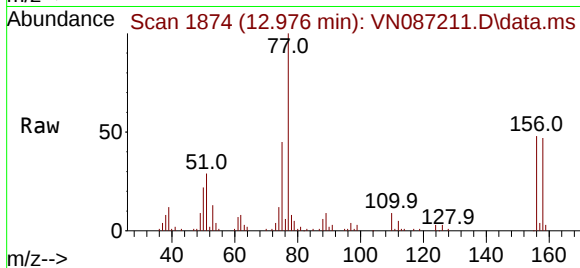
Tgt Ion:156 Resp: 36175

Ion Ratio Lower Upper

156 100

77 235.3 119.6 358.9

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 18.415 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN087211.D

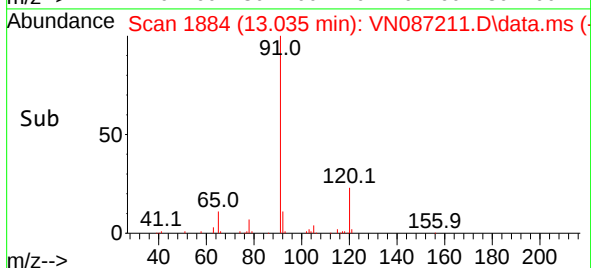
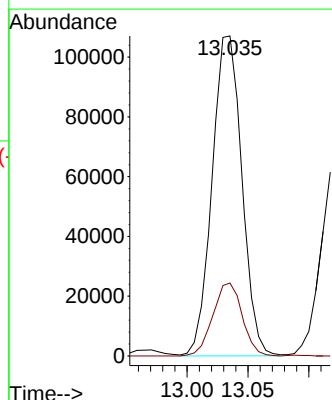
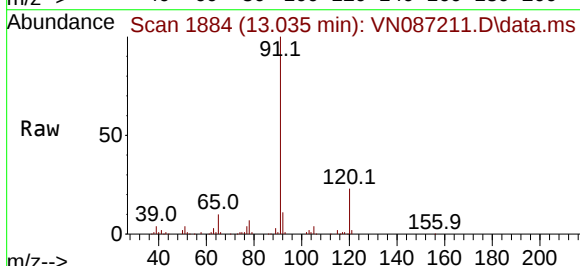
Acq: 27 Jun 2025 11:27

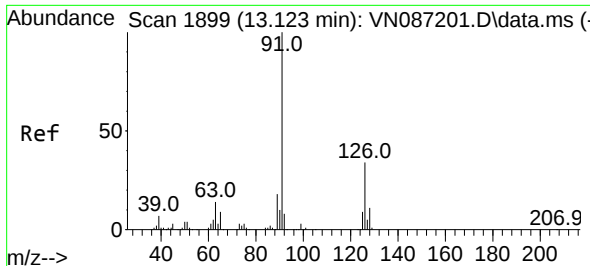
Tgt Ion: 91 Resp: 182433

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

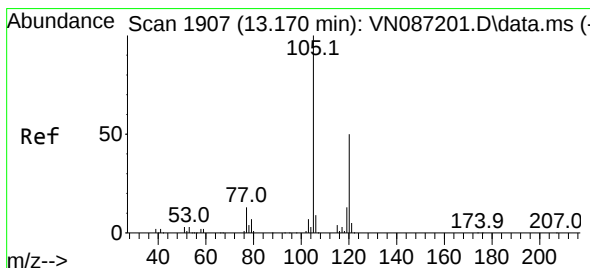
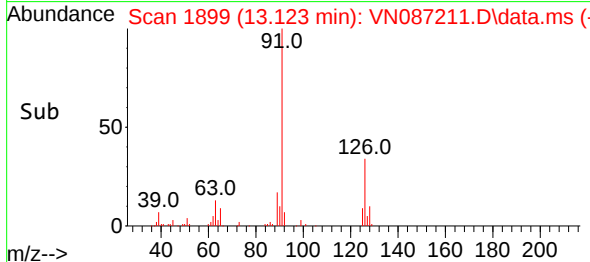
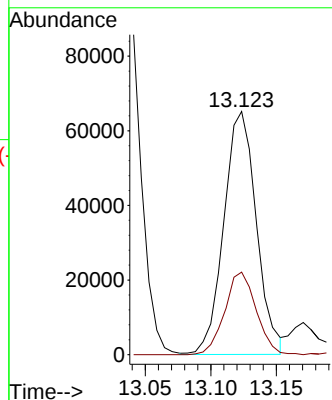
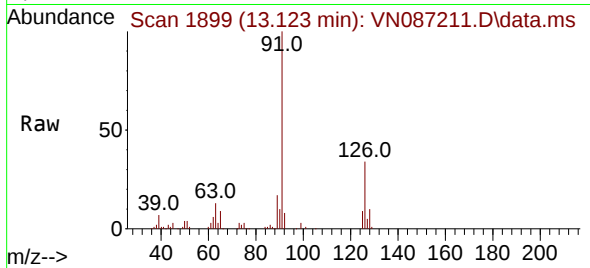




#79
2-Chlorotoluene
Concen: 18.230 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

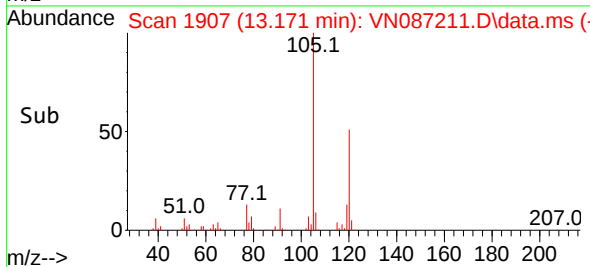
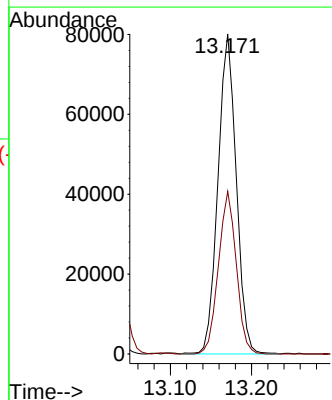
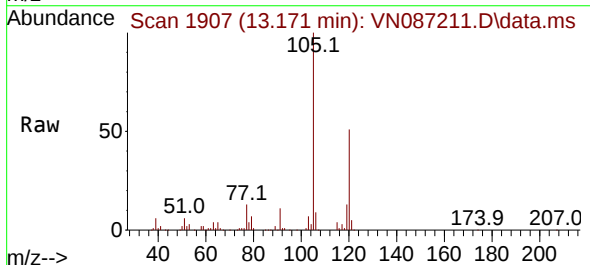
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

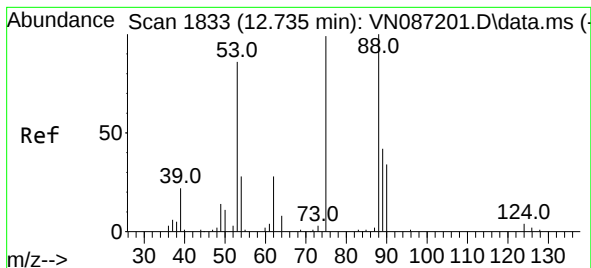
Tgt Ion: 91 Resp: 112427
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 18.928 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 105 Resp: 125687
Ion Ratio Lower Upper
105 100
120 49.5 25.1 75.3

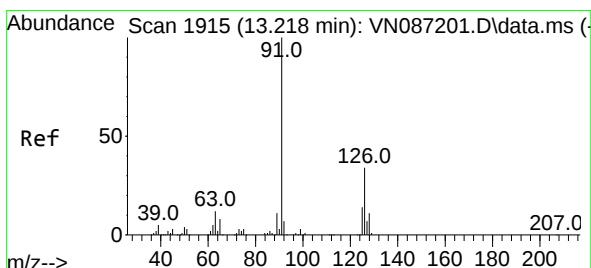
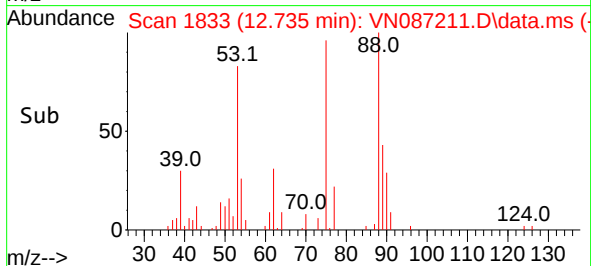
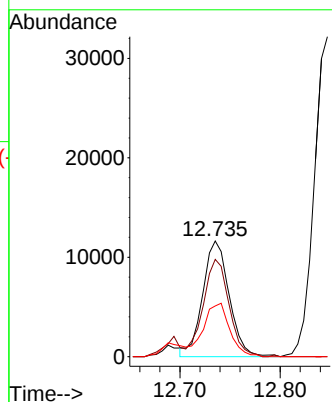
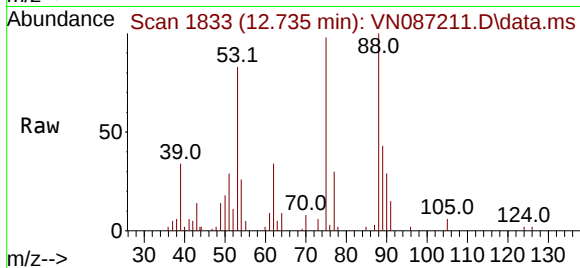




#81
trans-1,4-Dichloro-2-butene
Concen: 18.155 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

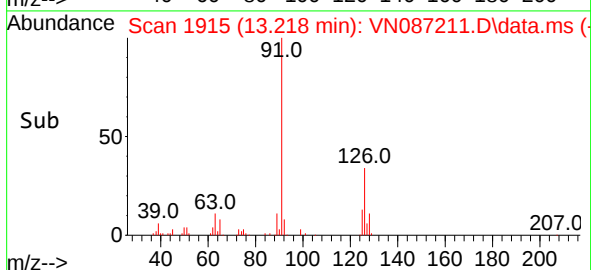
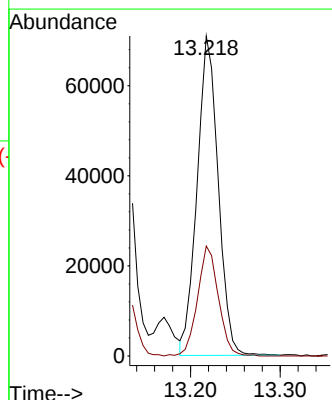
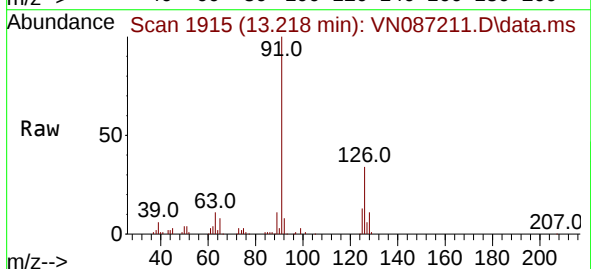
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

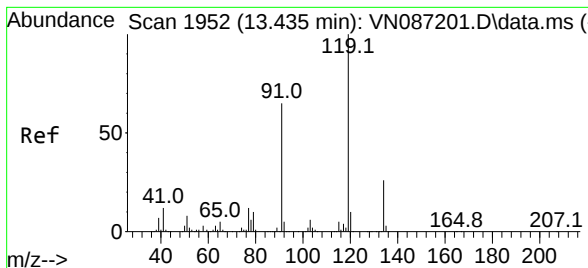
Tgt Ion: 75 Resp: 21444
Ion Ratio Lower Upper
75 100
53 81.2 71.4 107.0
89 46.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.835 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 91 Resp: 115798
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1

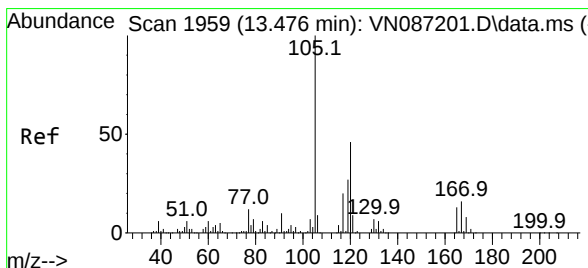
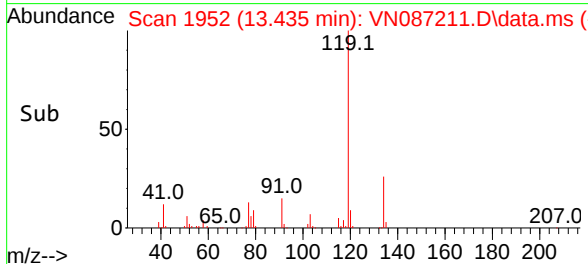
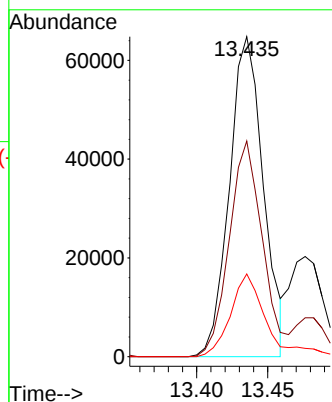
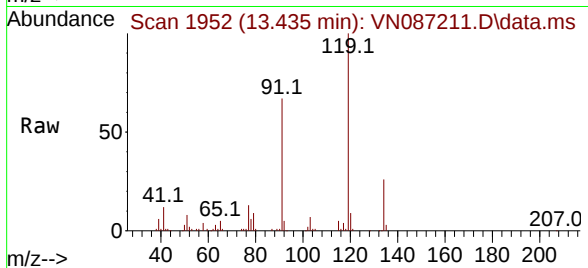




#83
tert-Butylbenzene
Concen: 18.875 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

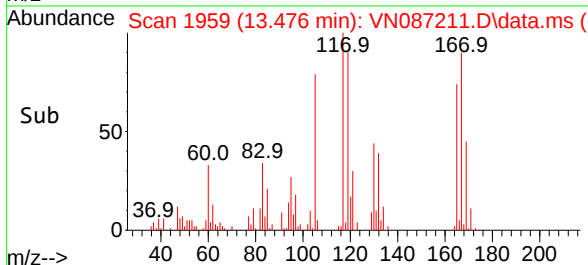
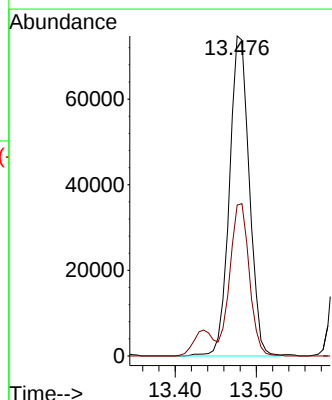
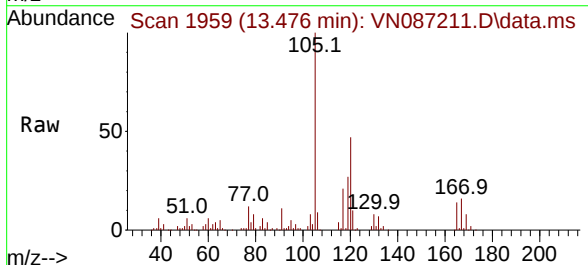
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

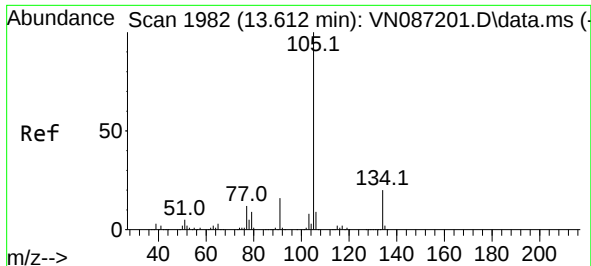
Tgt Ion:119 Resp: 107656
Ion Ratio Lower Upper
119 100
91 66.4 32.9 98.7
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 18.810 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:105 Resp: 126735
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.8

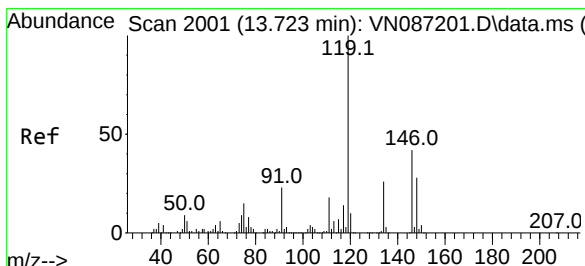
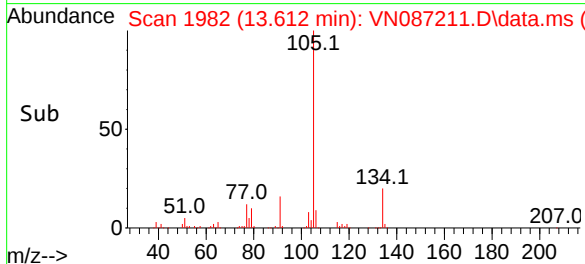
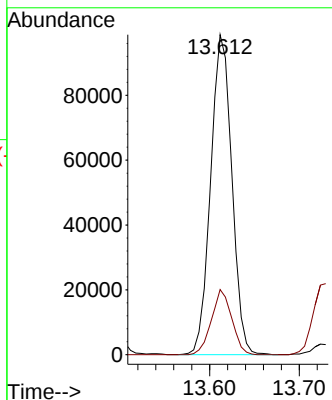
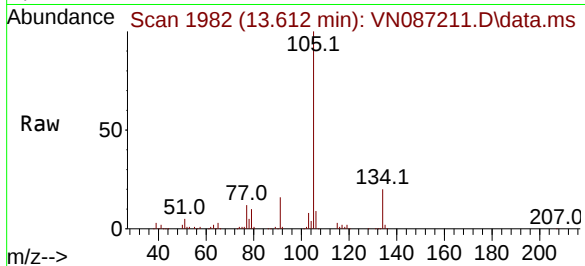




#85
 sec-Butylbenzene
 Concen: 19.278 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

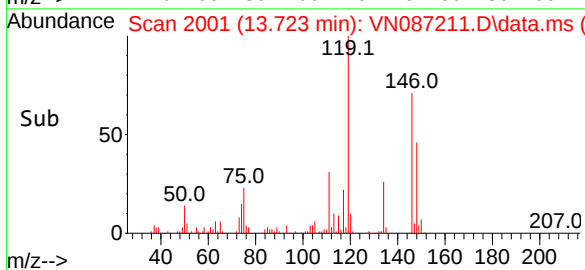
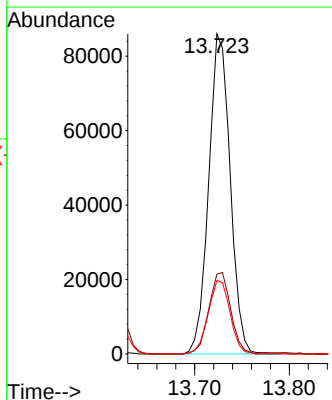
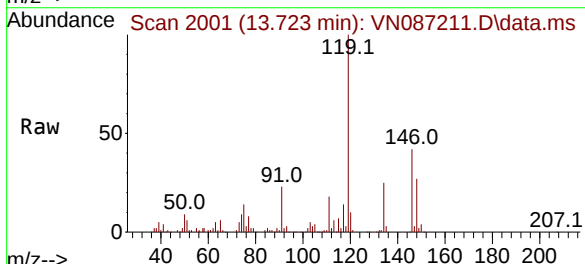
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

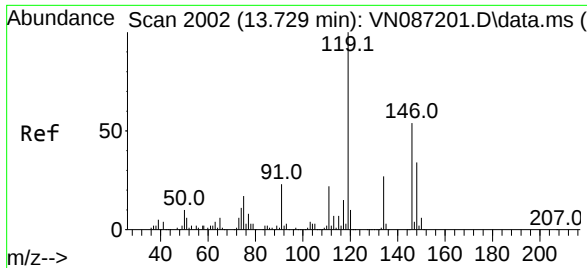
Tgt Ion:105 Resp: 161999
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.724 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion:119 Resp: 135937
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.1
 91 23.3 11.5 34.4

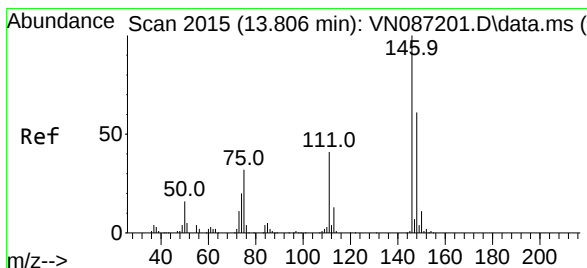
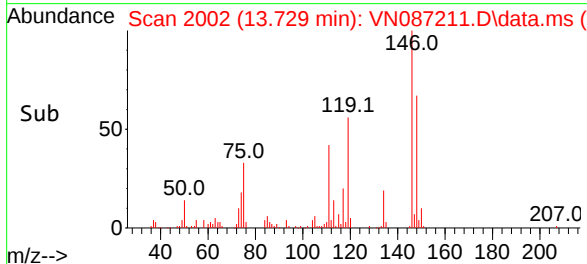
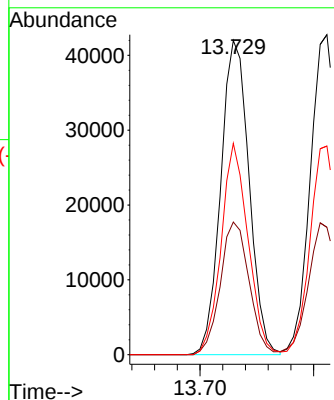
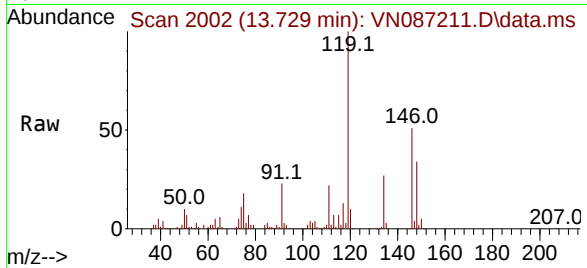




#87
1,3-Dichlorobenzene
Concen: 18.495 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

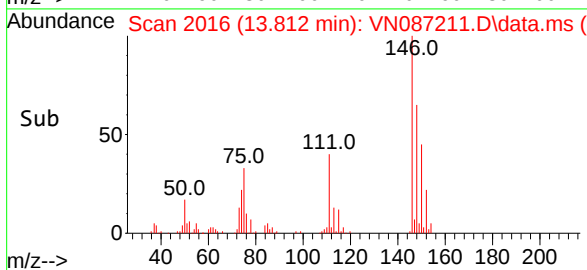
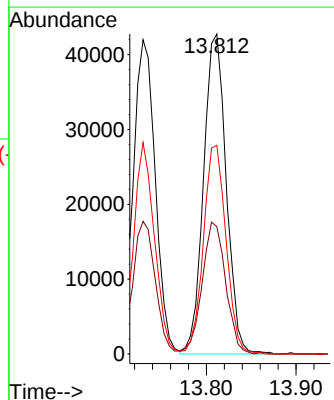
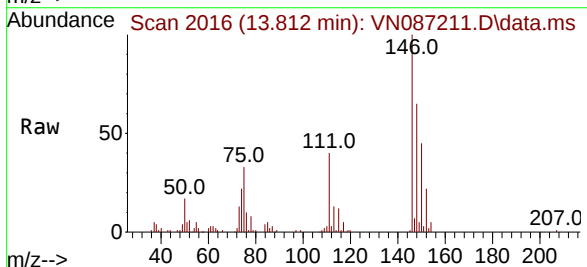
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

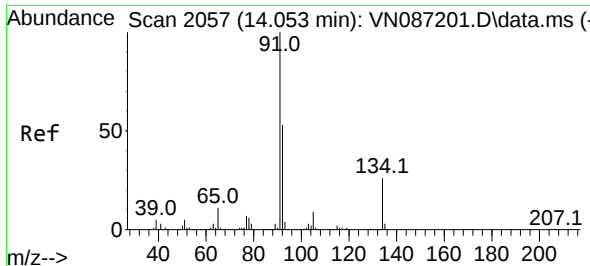
Tgt Ion:146 Resp: 72752
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 63.8 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 18.557 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion:146 Resp: 75052
Ion Ratio Lower Upper
146 100
111 43.0 19.9 59.6
148 65.2 31.4 94.0

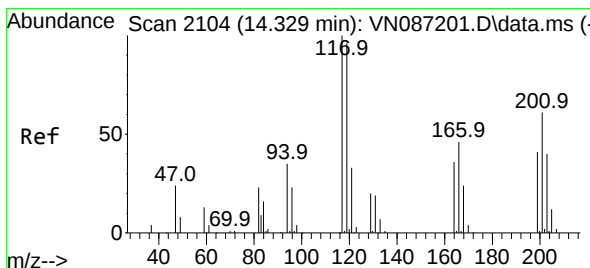
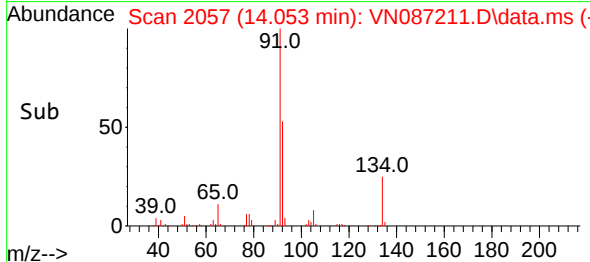
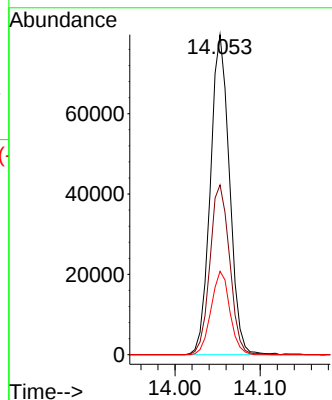
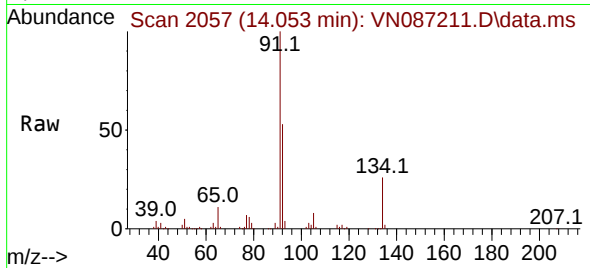




#89
n-Butylbenzene
Concen: 19.374 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

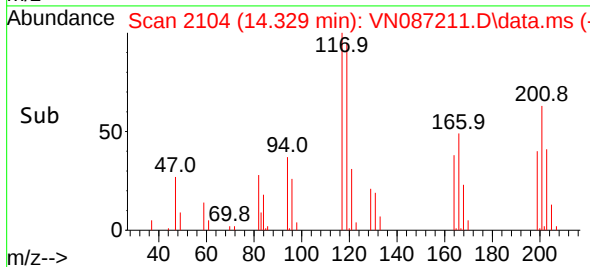
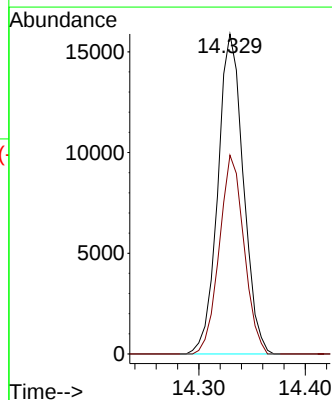
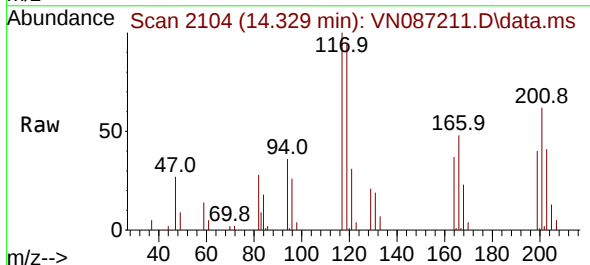
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

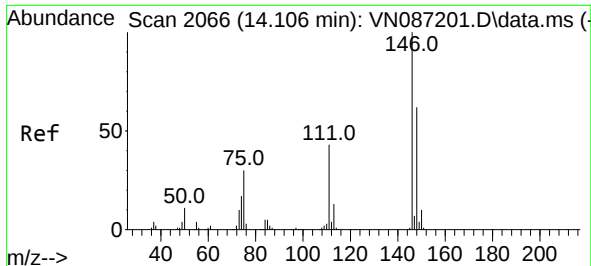
Tgt Ion: 91 Resp: 124059
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 25.5 12.8 38.4



#90
Hexachloroethane
Concen: 19.768 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087211.D
Acq: 27 Jun 2025 11:27

Tgt Ion: 117 Resp: 26366
Ion Ratio Lower Upper
117 100
201 60.2 31.8 95.3

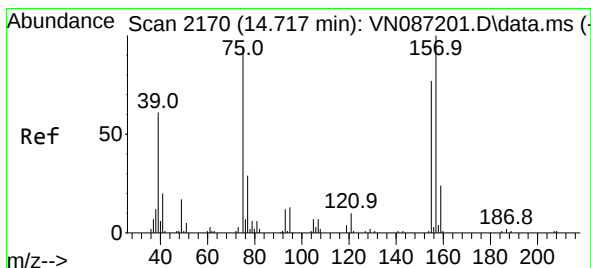
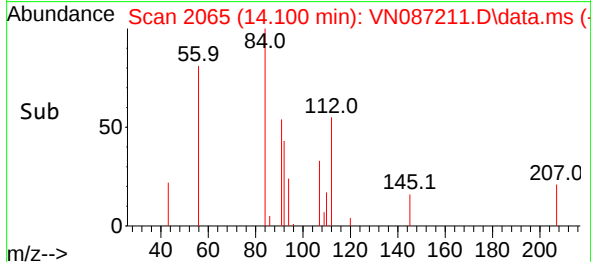
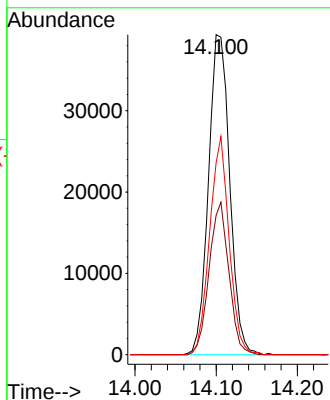
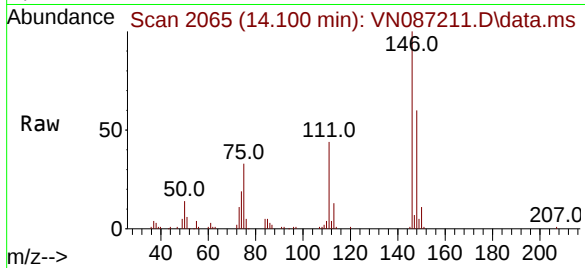




#91
 1,2-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 14.100 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

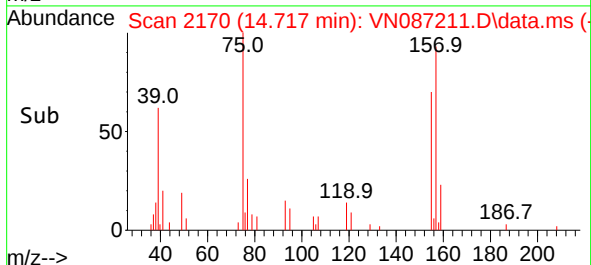
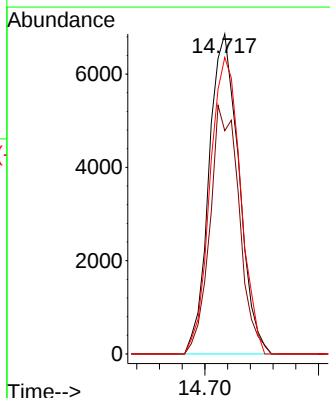
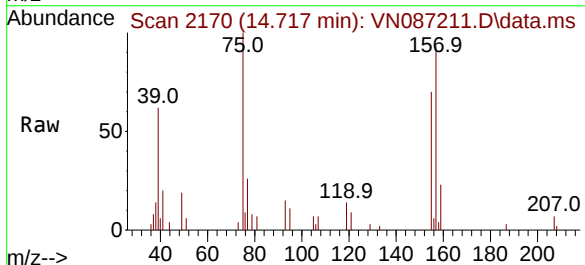
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

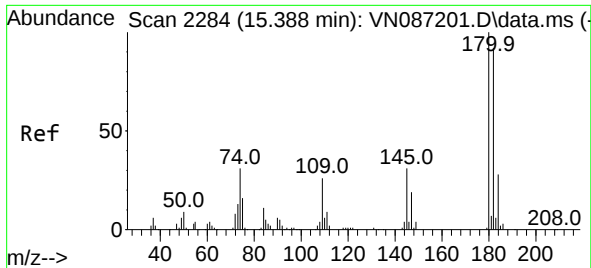
Tgt Ion:	146	Resp:	71576
Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.4	64.2
148	62.4	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.935 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion:	75	Resp:	12522
Ion	Ratio	Lower	Upper
75	100		
155	75.8	39.4	118.1
157	94.4	51.1	153.4

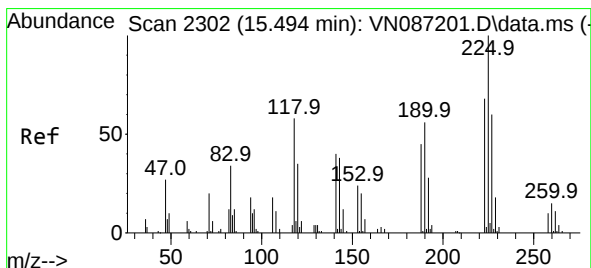
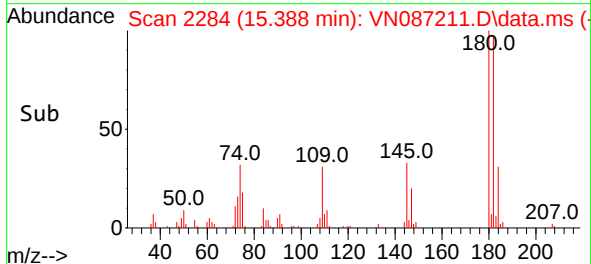
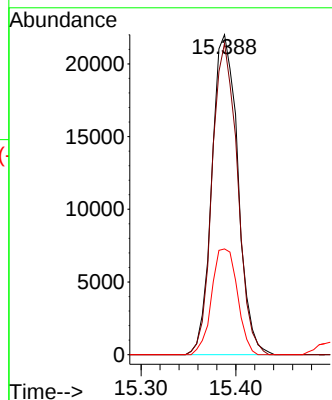
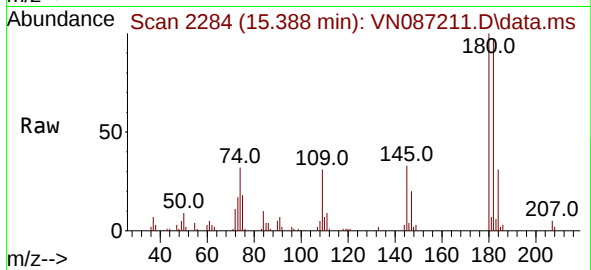




#93
 1,2,4-Trichlorobenzene
 Concen: 20.317 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

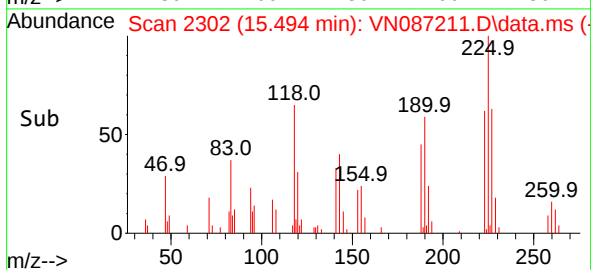
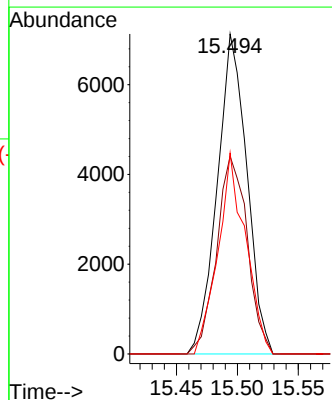
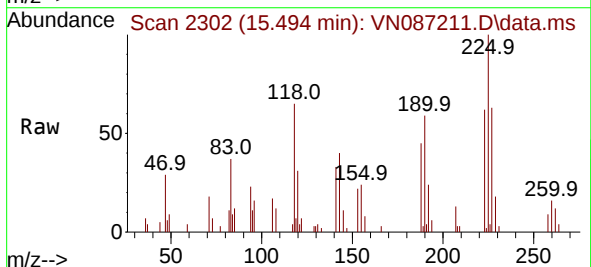
Instrument :
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 ClientSampleId :
 VN0627WBSD01

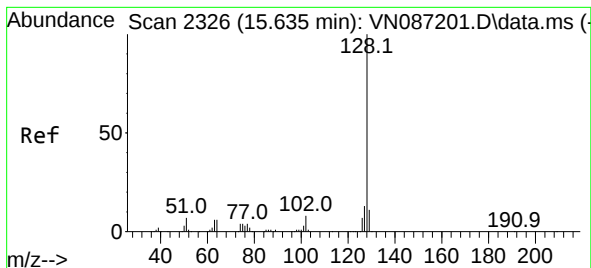
Tgt Ion:180 Resp: 41904
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.3
 145 32.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.548 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN087211.D
 Acq: 27 Jun 2025 11:27

Tgt Ion:225 Resp: 12068
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.9 98.6
 227 58.7 32.0 96.2





#95

Naphthalene

Concen: 19.351 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBSD01

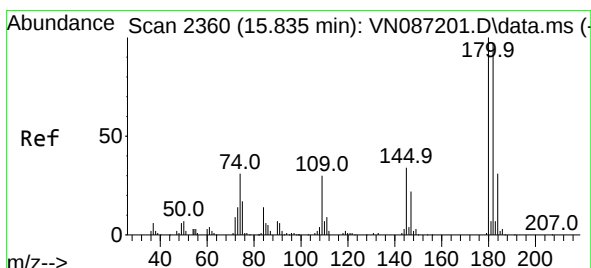
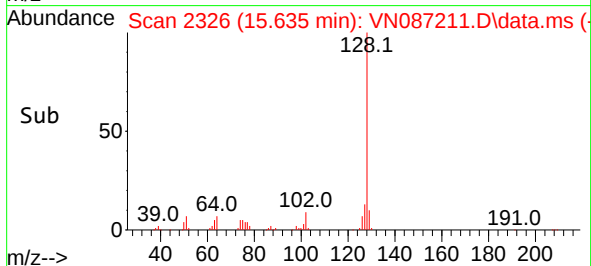
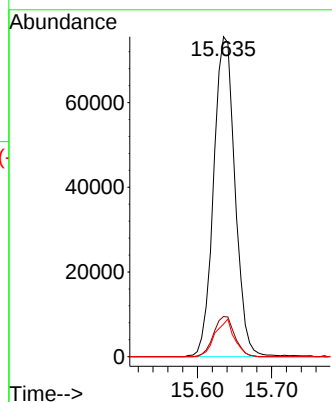
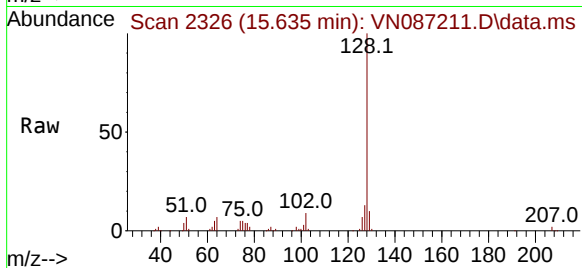
Tgt Ion:128 Resp: 151413

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.900 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087211.D

Acq: 27 Jun 2025 11:27

Tgt Ion:180 Resp: 36451

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 35.9 16.9 50.7

