

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088105.D
 Acq On : 27 Oct 2025 11:55
 Operator : JC\MD
 Sample : VN1027WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Quant Time: Oct 28 01:22:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	300941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	563874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	505093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	292467	56.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.400%	
35) Dibromofluoromethane	8.147	113	201534	53.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.400%	
50) Toluene-d8	10.547	98	745408	51.068	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.829	95	271139	52.599	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70657	20.814	ug/l	97
3) Chloromethane	2.383	50	85119	21.314	ug/l	98
4) Vinyl Chloride	2.536	62	91995	21.142	ug/l	100
5) Bromomethane	2.983	94	52750	20.268	ug/l	100
6) Chloroethane	3.142	64	58867	18.777	ug/l	100
7) Trichlorofluoromethane	3.512	101	136634	19.687	ug/l	99
8) Diethyl Ether	3.959	74	52943	20.525	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	72457	20.232	ug/l	97
10) Methyl Iodide	4.583	142	63251	20.612	ug/l	92
11) Tert butyl alcohol	5.524	59	102660	114.510	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72424	19.147	ug/l	97
13) Acrolein	4.183	56	131856	130.754	ug/l	99
14) Allyl chloride	5.012	41	135015	20.365	ug/l	95
15) Acrylonitrile	5.712	53	271724	111.268	ug/l	100
16) Acetone	4.424	43	272627	104.280	ug/l	99
17) Carbon Disulfide	4.706	76	228511	19.874	ug/l	100
18) Methyl Acetate	5.024	43	120917	22.592	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	302666	21.789	ug/l	98
20) Methylene Chloride	5.271	84	94419	23.618	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	83955	20.221	ug/l	99
22) Diisopropyl ether	6.659	45	307416	22.048	ug/l	95
23) Vinyl Acetate	6.594	43	1424145	113.392	ug/l	97
24) 1,1-Dichloroethane	6.553	63	171245	22.172	ug/l	97
25) 2-Butanone	7.471	43	383491	111.307	ug/l	99
26) 2,2-Dichloropropane	7.471	77	152872	21.781	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	101089	21.150	ug/l	95
28) Bromochloromethane	7.794	49	91201	24.991	ug/l	98
29) Tetrahydrofuran	7.830	42	252484	112.448	ug/l	98
30) Chloroform	7.947	83	174874	22.664	ug/l	98
31) Cyclohexane	8.241	56	153037	21.009	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	150009	21.829	ug/l	96
36) 1,1-Dichloropropene	8.353	75	120548	21.795	ug/l	99
37) Ethyl Acetate	7.547	43	156235	21.888	ug/l	98
38) Carbon Tetrachloride	8.341	117	127037	22.238	ug/l	100
39) Methylcyclohexane	9.577	83	141080	19.844	ug/l	98
40) Benzene	8.588	78	366941	21.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	83450	22.213	ug/l	98
42) 1,2-Dichloroethane	8.653	62	145750	24.352	ug/l	98
43) Isopropyl Acetate	8.671	43	249652	22.762	ug/l	98
44) Trichloroethene	9.335	130	83048	21.093	ug/l	98
45) 1,2-Dichloropropane	9.606	63	93135	21.901	ug/l	97
46) Dibromomethane	9.688	93	67628	22.297	ug/l	98
47) Bromodichloromethane	9.865	83	138182	22.756	ug/l	98
48) Methyl methacrylate	9.665	41	116857	23.077	ug/l	97
49) 1,4-Dioxane	9.682	88	27524	437.028	ug/l #	87
51) 4-Methyl-2-Pentanone	10.424	43	756352	116.567	ug/l	100
52) Toluene	10.612	92	223155	21.487	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	141361	21.872	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	152892	22.294	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	87269	22.149	ug/l	98
56) Ethyl methacrylate	10.859	69	134518	21.574	ug/l	97
57) 1,3-Dichloropropane	11.141	76	154575	22.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	327194	100.882	ug/l	99
59) 2-Hexanone	11.176	43	492033	114.310	ug/l	99
60) Dibromochloromethane	11.335	129	96318	21.507	ug/l	100
61) 1,2-Dibromoethane	11.447	107	89527	22.078	ug/l	98
64) Tetrachloroethene	11.082	164	69633	20.900	ug/l	89
65) Chlorobenzene	11.871	112	244731	21.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	81619	21.722	ug/l	98
67) Ethyl Benzene	11.941	91	421252	20.925	ug/l	99
68) m/p-Xylenes	12.053	106	317335	42.070	ug/l	100
69) o-Xylene	12.376	106	151783	21.227	ug/l	99
70) Styrene	12.394	104	254839	21.855	ug/l	98
71) Bromoform	12.559	173	61158	21.810	ug/l #	99
73) Isopropylbenzene	12.671	105	397427	20.084	ug/l	100
74) N-amyl acetate	12.541	43	12884	2.294	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.918	83	132181	21.456	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	174723	29.787	ug/l	66
77) Bromobenzene	12.959	156	92521	21.683	ug/l	97
78) n-propylbenzene	13.012	91	492713	20.404	ug/l	100
79) 2-Chlorotoluene	13.100	91	294890	21.413	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	333799	20.311	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	38179	18.156	ug/l	91
82) 4-Chlorotoluene	13.200	91	303454	20.367	ug/l	100
83) tert-Butylbenzene	13.418	119	286500	19.516	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	339120	20.625	ug/l	99
85) sec-Butylbenzene	13.594	105	429310	19.904	ug/l	100
86) p-Isopropyltoluene	13.706	119	354614	20.495	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	177044	20.784	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	184081	20.120	ug/l	98
89) n-Butylbenzene	14.035	91	344021	20.072	ug/l	99
90) Hexachloroethane	14.312	117	66650	19.892	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	169616	20.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30171	21.041	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	102766	20.665	ug/l	97
94) Hexachlorobutadiene	15.470	225	38748	20.924	ug/l	99
95) Naphthalene	15.617	128	338638	19.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	97739	20.498	ug/l	97

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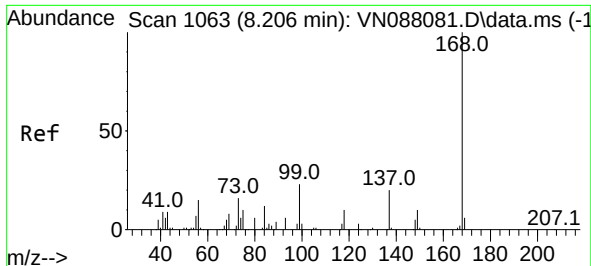
Quant Time: Oct 28 01:22:32 2025
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QLast Update : Sat Oct 25 00:15:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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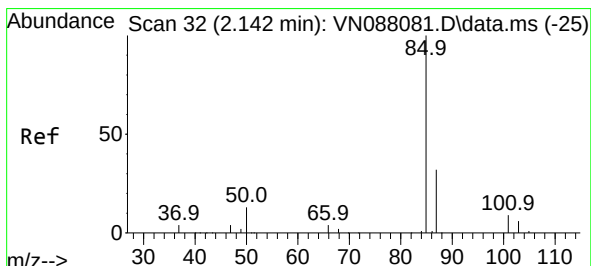
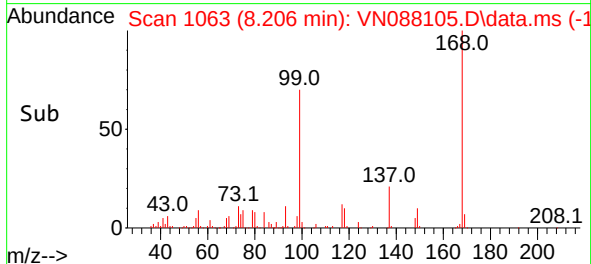
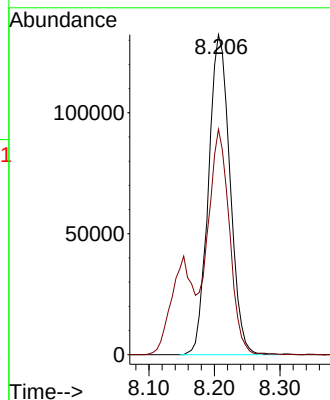
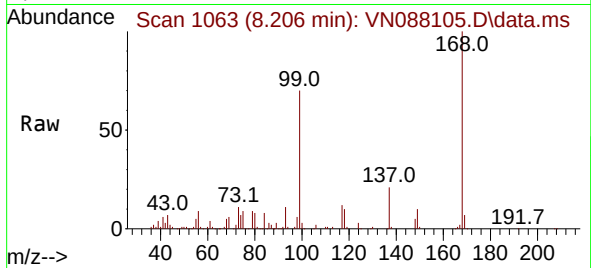




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088105.D
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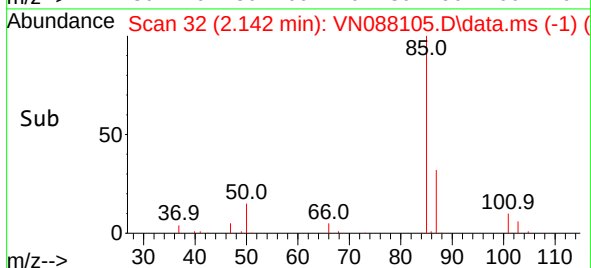
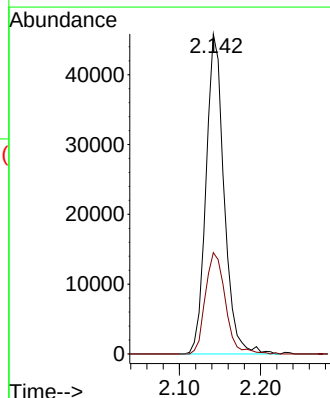
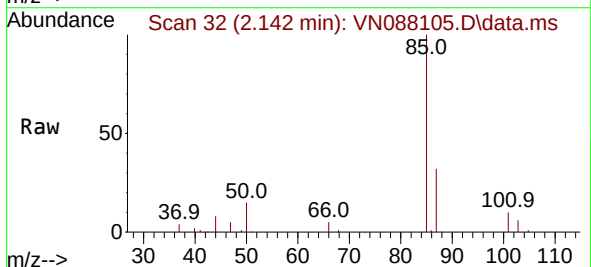
Instrument :
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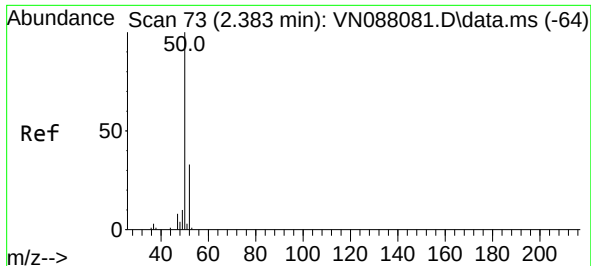
Tgt Ion:168 Resp: 300941
Ion Ratio Lower Upper
168 100
99 70.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 20.814 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 85 Resp: 70657
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

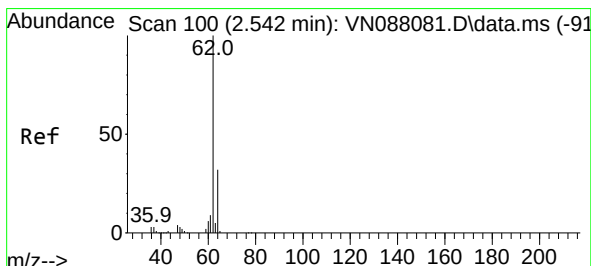
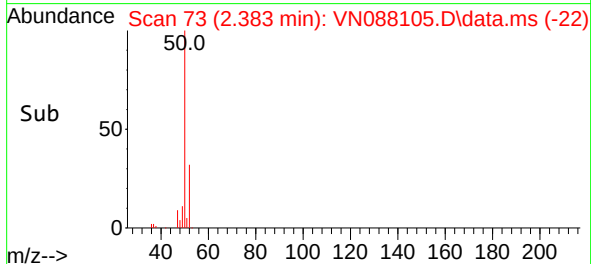
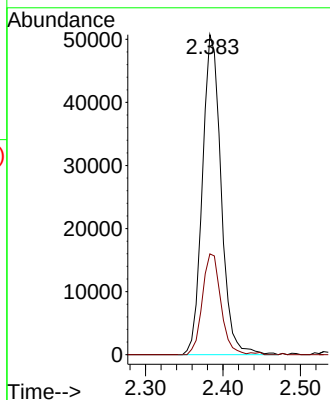
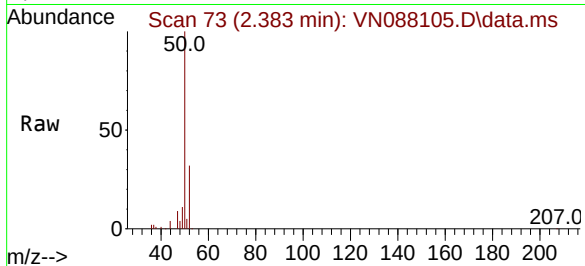




#3
Chloromethane
Concen: 21.314 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

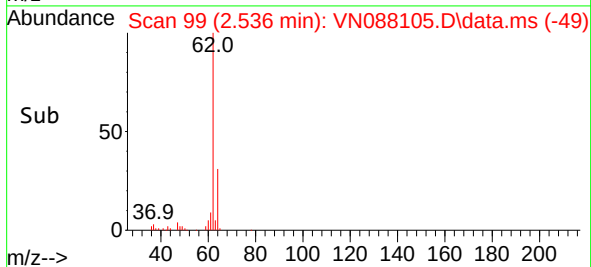
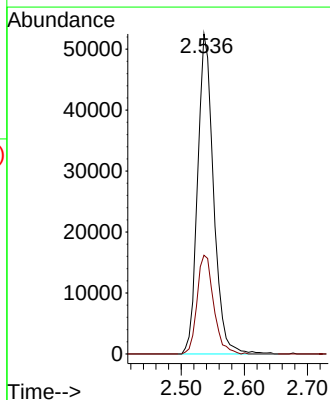
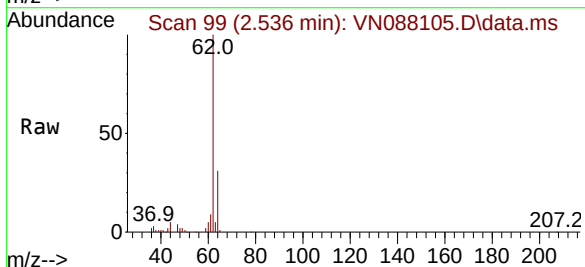
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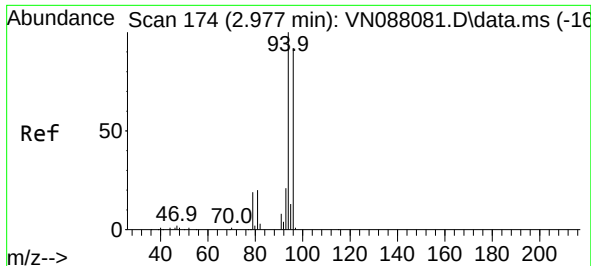
Tgt Ion: 50 Resp: 85119
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4



#4
Vinyl Chloride
Concen: 21.142 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 62 Resp: 91995
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0

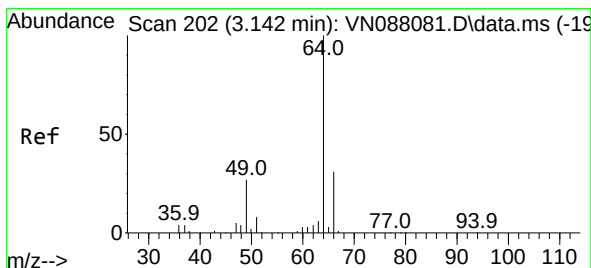
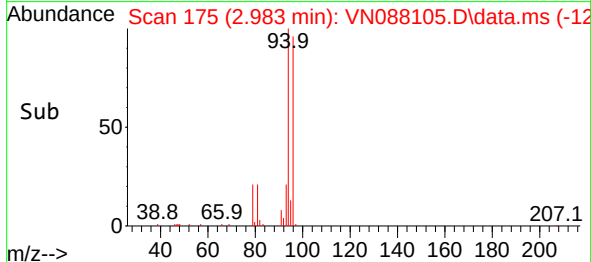
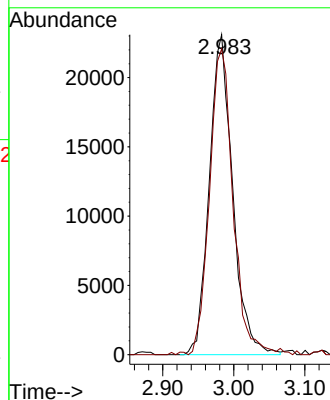
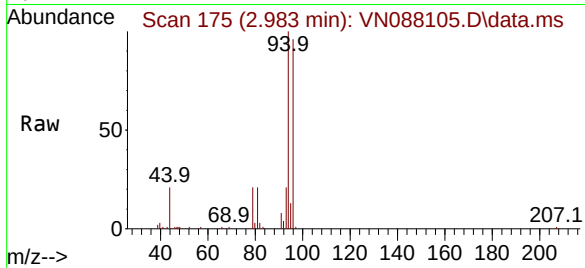




#5
Bromomethane
Concen: 20.268 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

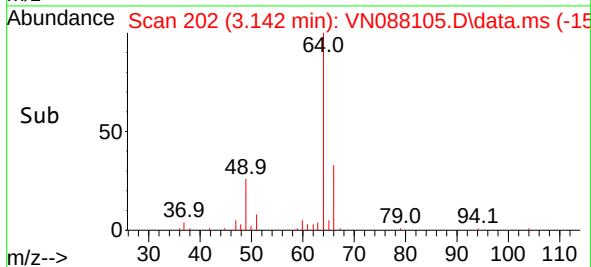
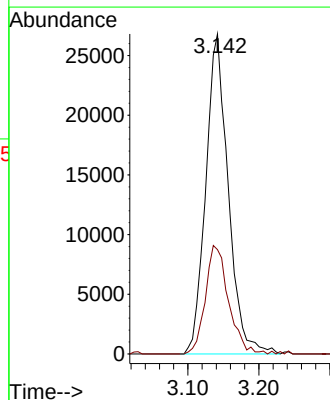
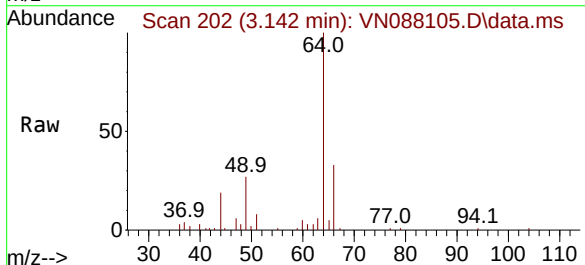
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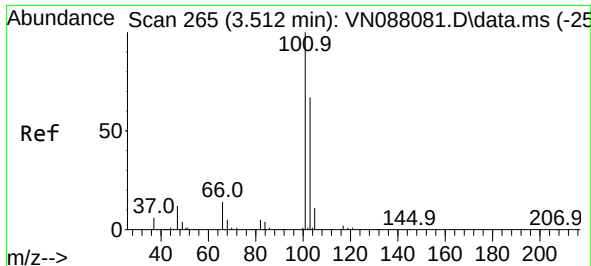
Tgt Ion: 94 Resp: 52750
Ion Ratio Lower Upper
94 100
96 94.8 75.4 113.2



#6
Chloroethane
Concen: 18.777 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 64 Resp: 58867
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.2

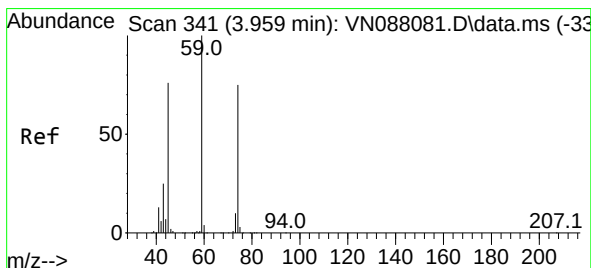
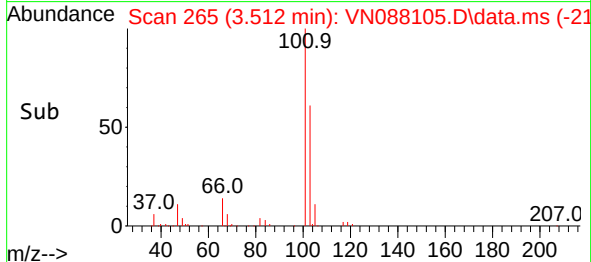
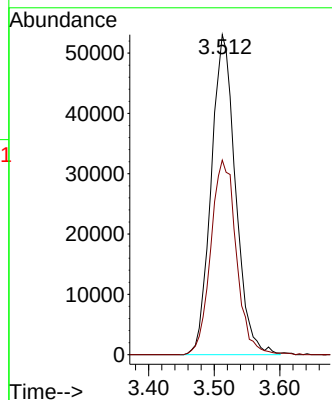
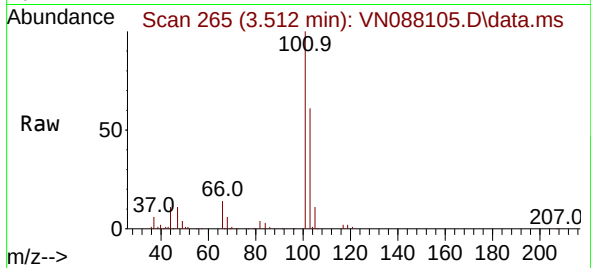




#7
 Trichlorofluoromethane
 Concen: 19.687 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088105.D
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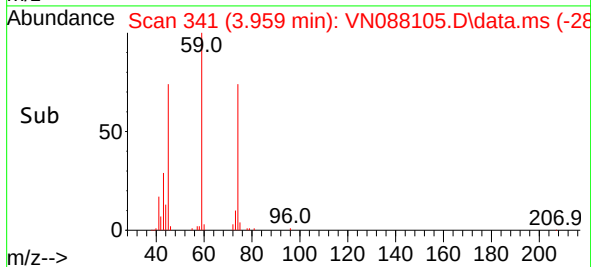
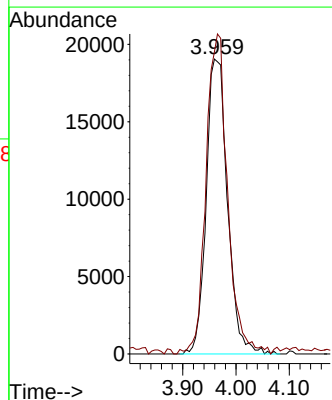
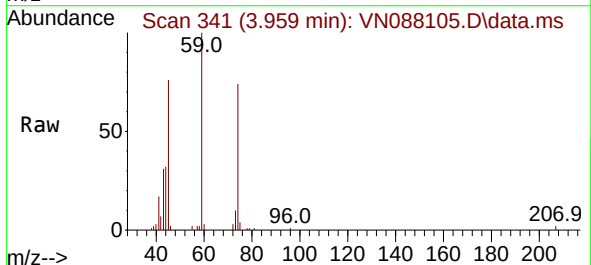
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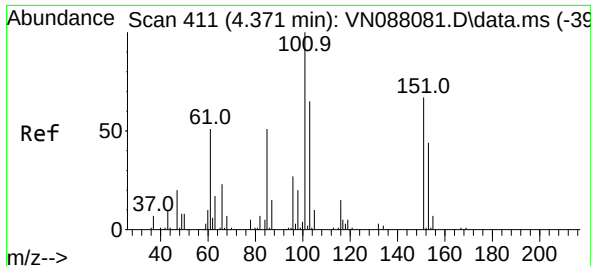
Tgt Ion:101 Resp: 136634
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.4 74.0



#8
 Diethyl Ether
 Concen: 20.525 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 74 Resp: 52943
 Ion Ratio Lower Upper
 74 100
 45 109.9 50.6 151.9

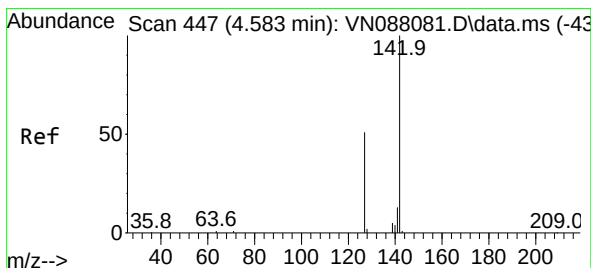
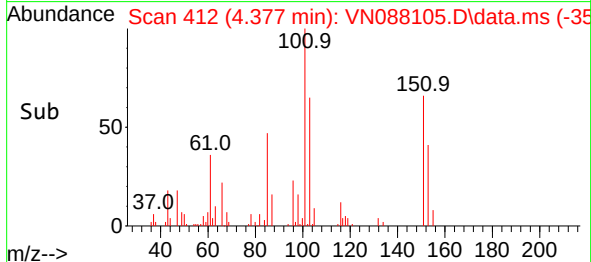
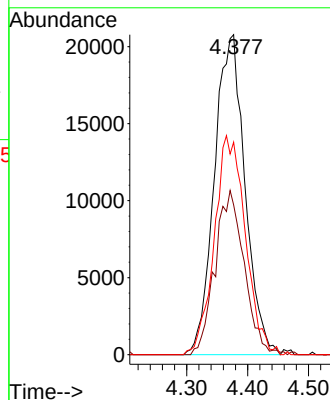
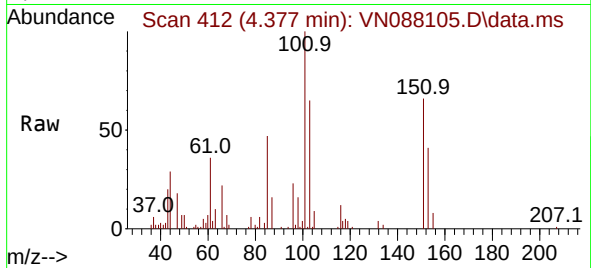




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.232 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088105.D
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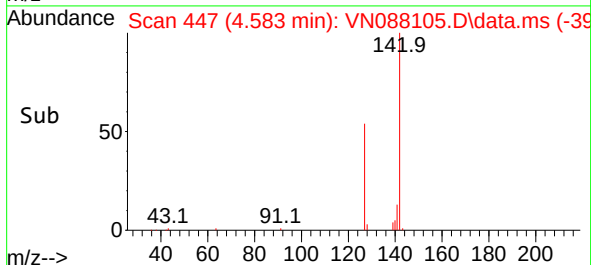
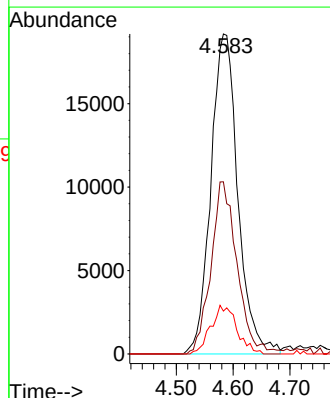
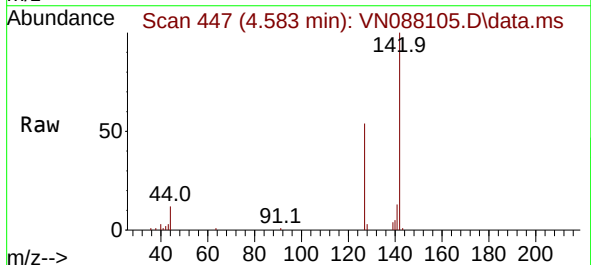
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

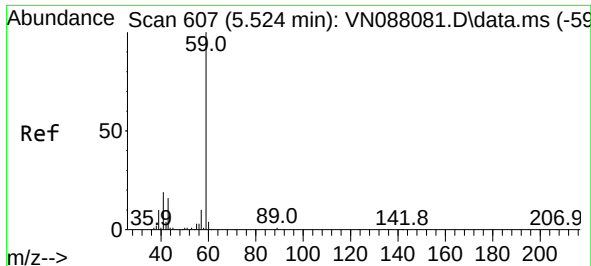
Tgt Ion:101 Resp: 72457
Ion Ratio Lower Upper
101 100
85 48.9 36.6 55.0
151 69.5 54.7 82.1



#10
Methyl Iodide
Concen: 20.612 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:142 Resp: 63251
Ion Ratio Lower Upper
142 100
127 53.8 38.0 57.0
141 13.4 12.0 18.0

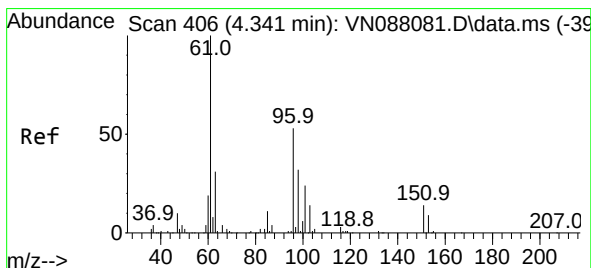
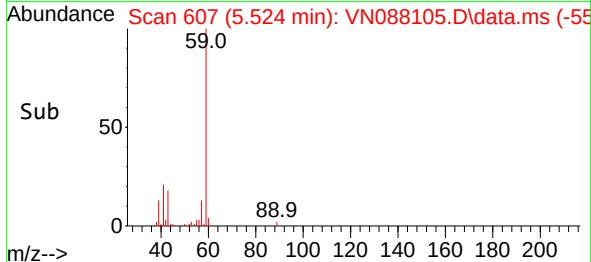
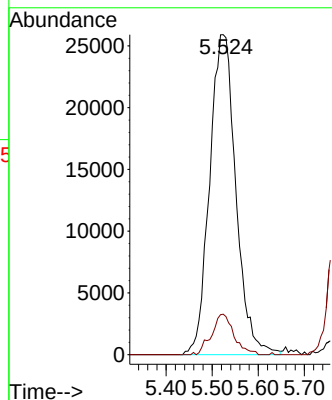
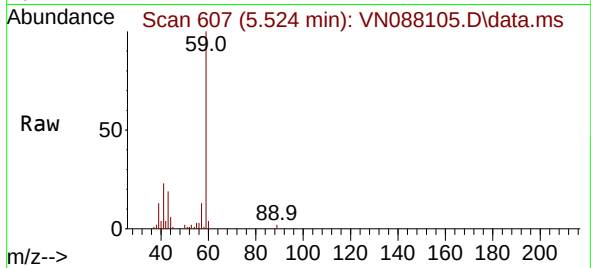




#11
Tert butyl alcohol
Concen: 114.510 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

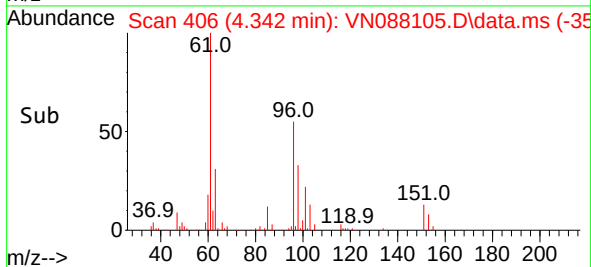
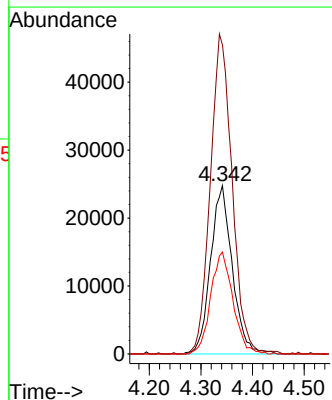
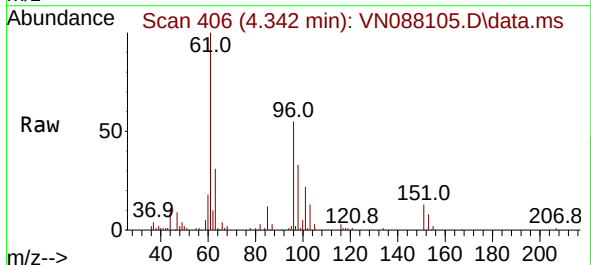
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

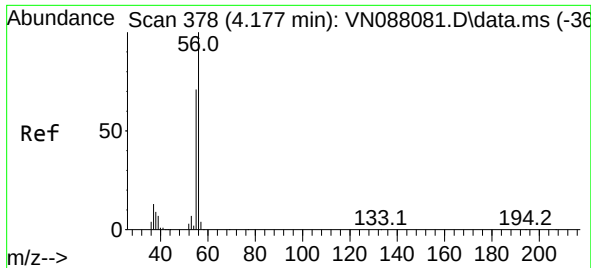
Tgt Ion: 59 Resp: 102660
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 19.147 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 96 Resp: 72424
Ion Ratio Lower Upper
96 100
61 183.4 143.8 215.8
98 60.5 52.1 78.1

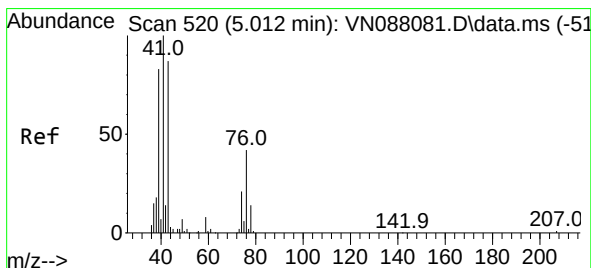
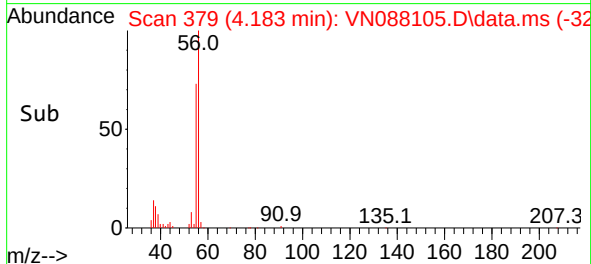
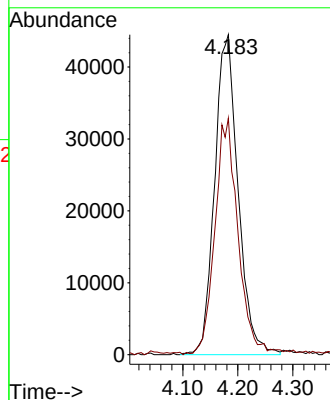
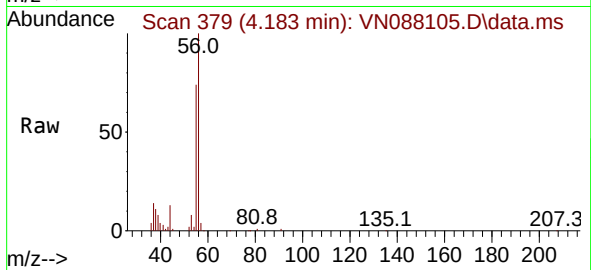




#13
Acrolein
Concen: 130.754 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

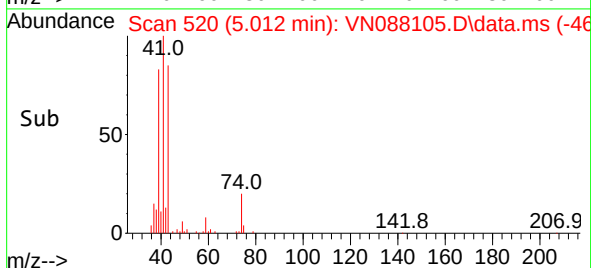
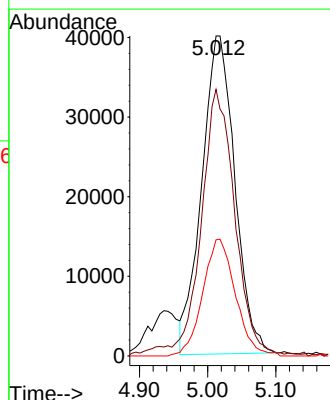
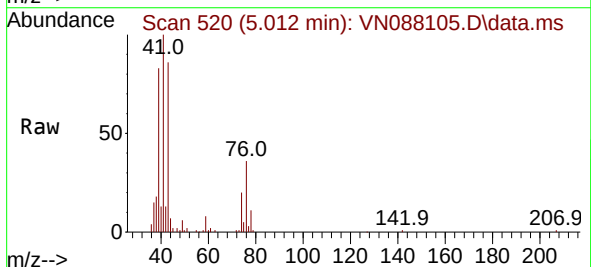
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

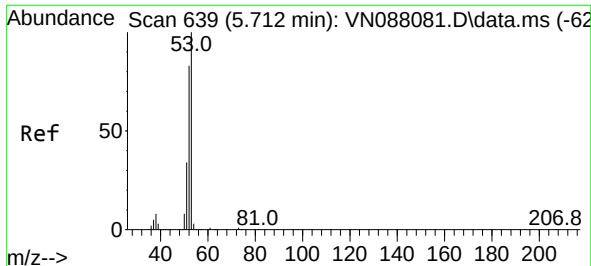
Tgt Ion: 56 Resp: 131856
Ion Ratio Lower Upper
56 100
55 72.6 57.3 85.9



#14
Allyl chloride
Concen: 20.365 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 41 Resp: 135015
Ion Ratio Lower Upper
41 100
39 85.9 63.9 95.9
76 36.3 28.1 42.1

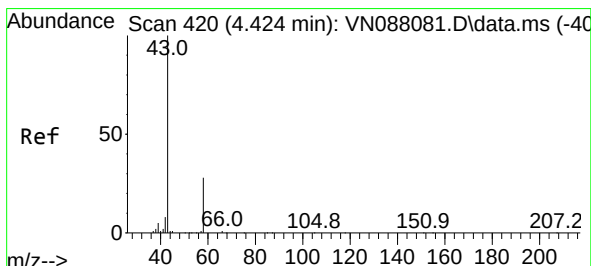
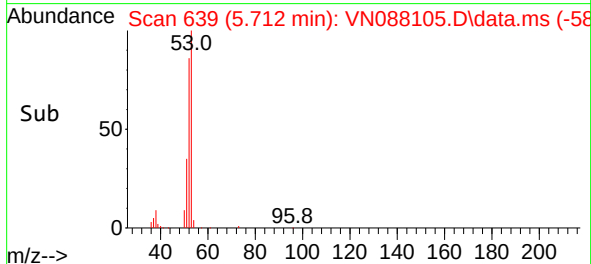
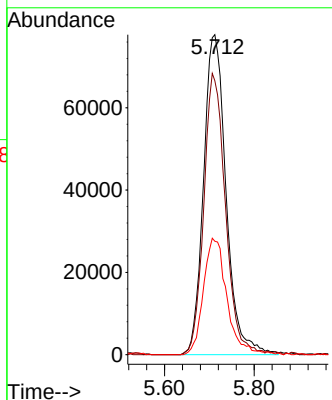
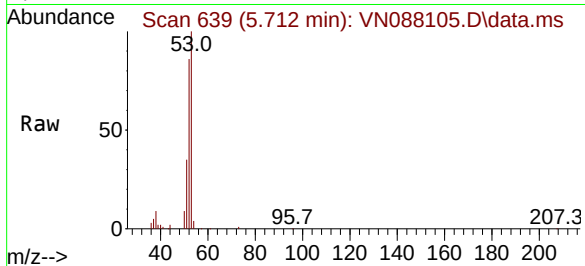




#15
Acrylonitrile
Concen: 111.268 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

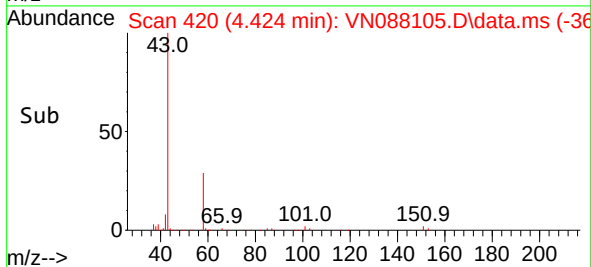
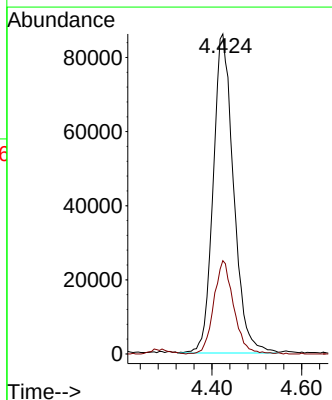
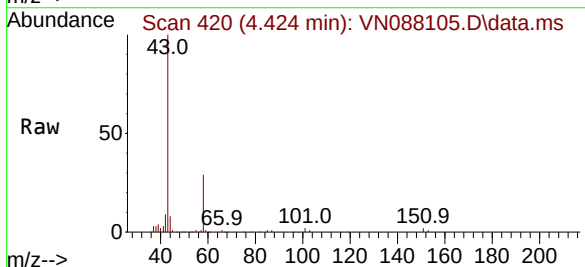
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

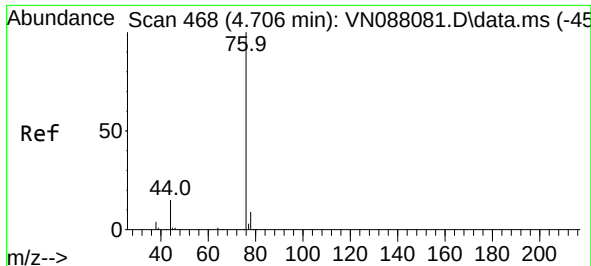
Tgt Ion: 53 Resp: 271724
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.9 30.1 45.1



#16
Acetone
Concen: 104.280 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 43 Resp: 272627
Ion Ratio Lower Upper
43 100
58 28.8 22.6 33.8

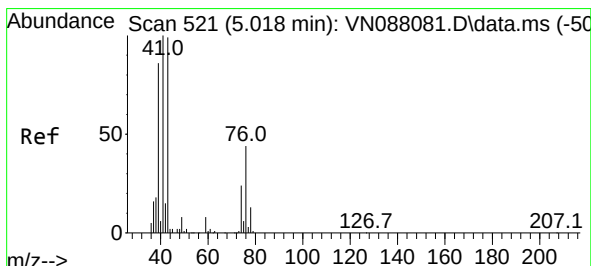
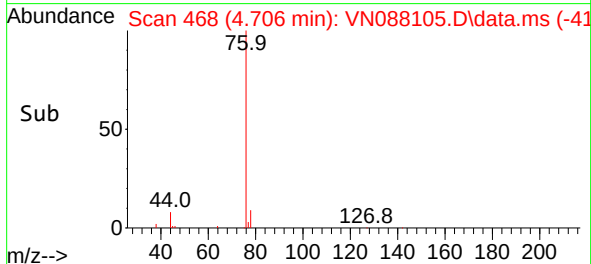
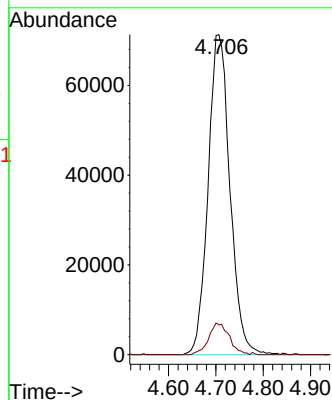
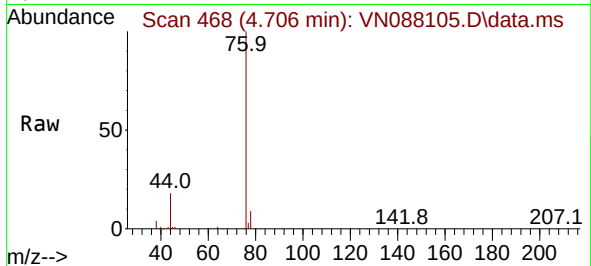




#17
Carbon Disulfide
Concen: 19.874 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

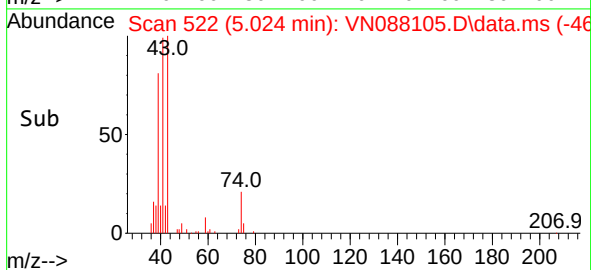
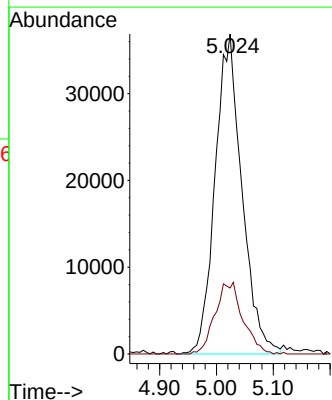
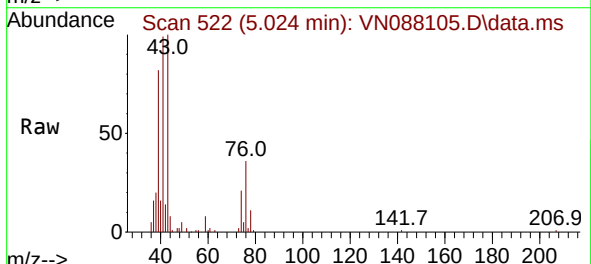
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

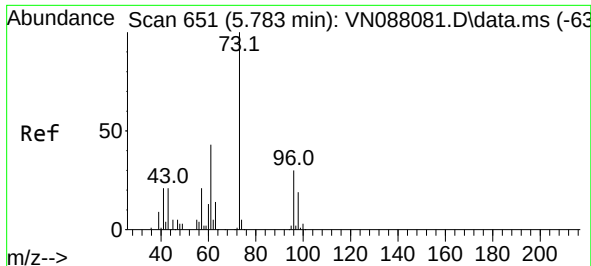
Tgt Ion: 76 Resp: 228511
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 22.592 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 43 Resp: 120917
Ion Ratio Lower Upper
43 100
74 23.2 17.6 26.4

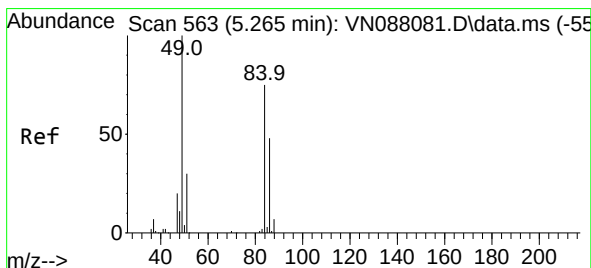
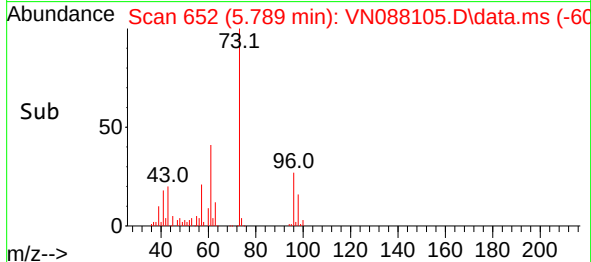
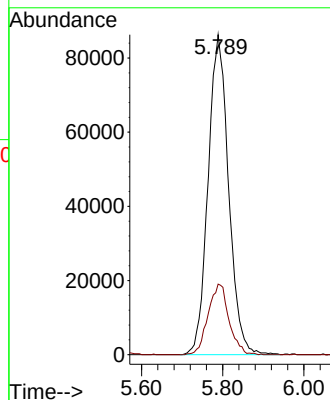
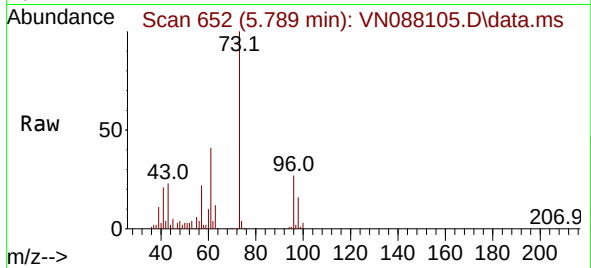




#19
Methyl tert-butyl Ether
Concen: 21.789 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

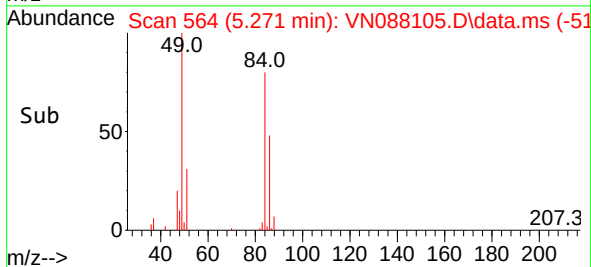
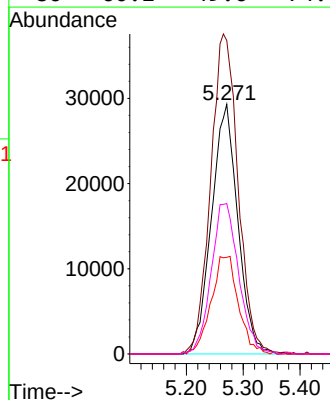
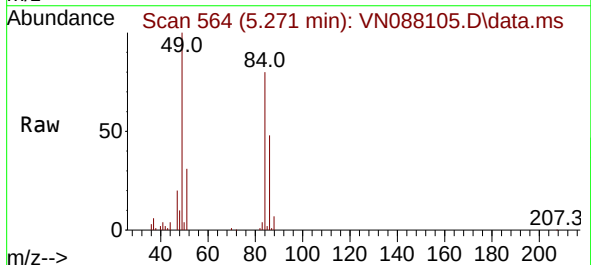
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

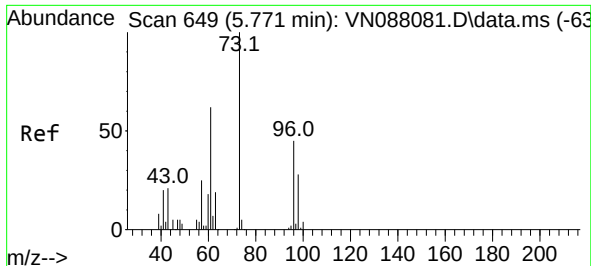
Tgt Ion: 73 Resp: 302666
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6



#20
Methylene Chloride
Concen: 23.618 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 84 Resp: 94419
Ion Ratio Lower Upper
84 100
49 125.6 103.4 155.2
51 38.7 33.8 50.8
86 60.2 49.6 74.4

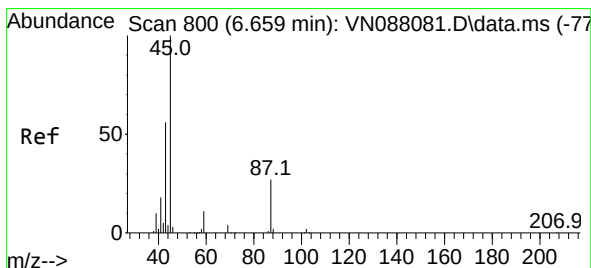
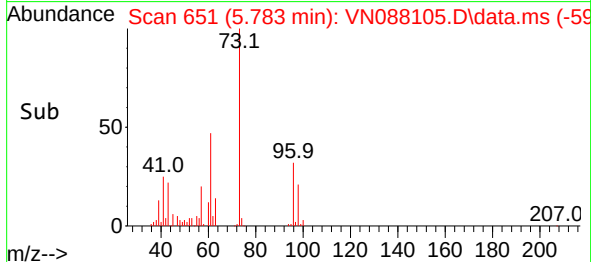
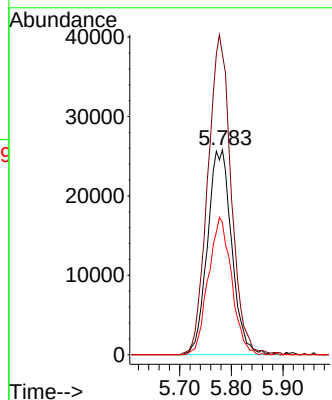
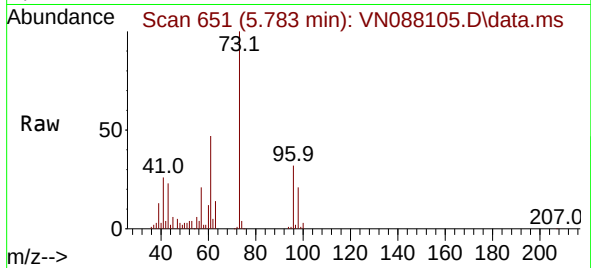




#21
trans-1,2-Dichloroethene
Concen: 20.221 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

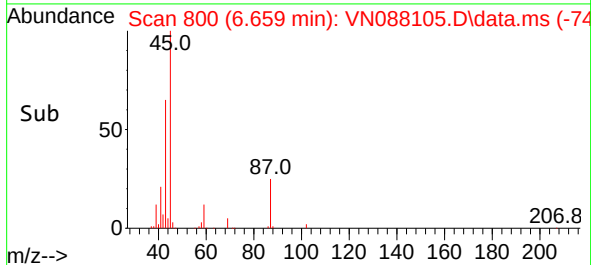
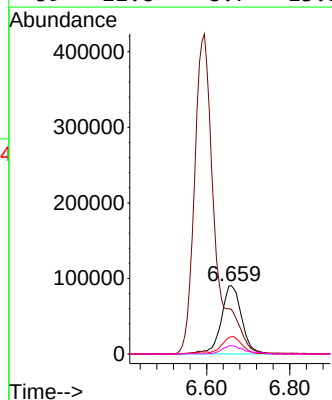
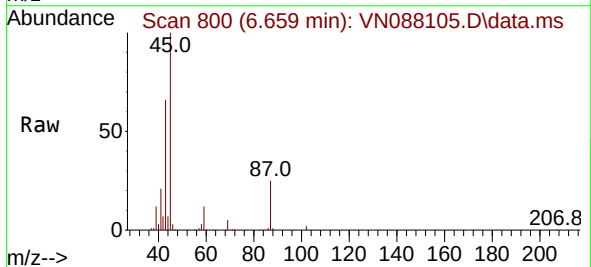
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

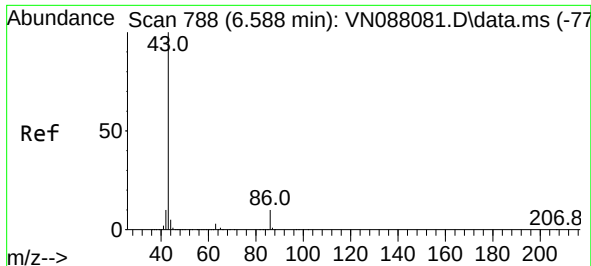
Tgt Ion: 96 Resp: 83955
Ion Ratio Lower Upper
96 100
61 146.5 118.0 177.0
98 64.5 50.0 75.0



#22
Diisopropyl ether
Concen: 22.048 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 45 Resp: 307416
Ion Ratio Lower Upper
45 100
43 64.5 47.7 71.5
87 25.1 21.4 32.0
59 11.8 8.7 13.1

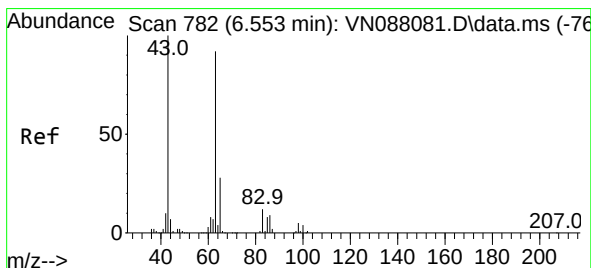
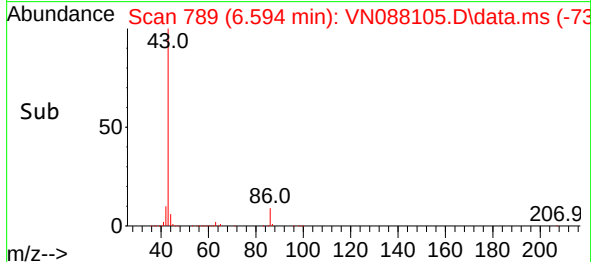
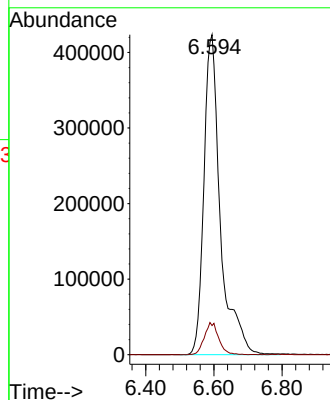
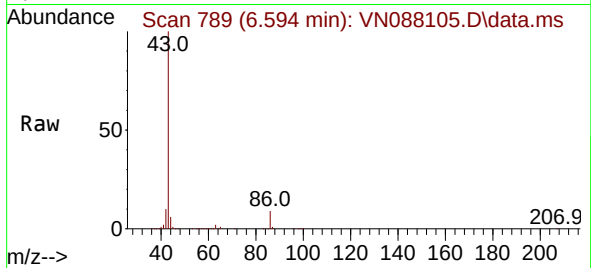




#23
 Vinyl Acetate
 Concen: 113.392 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

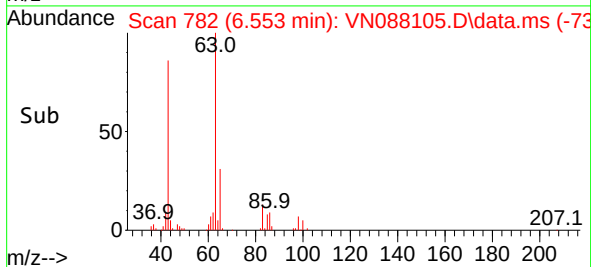
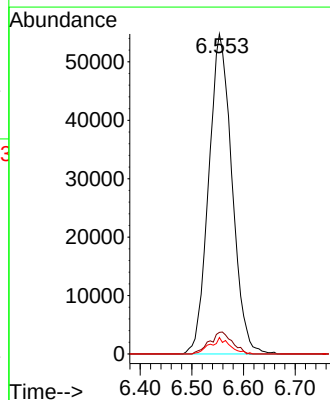
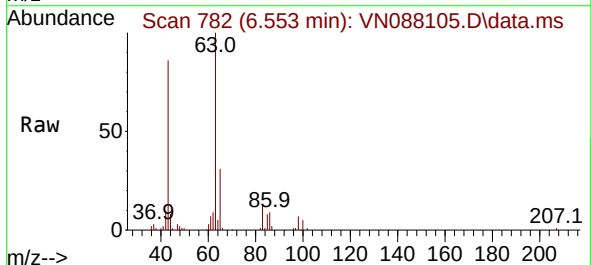
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

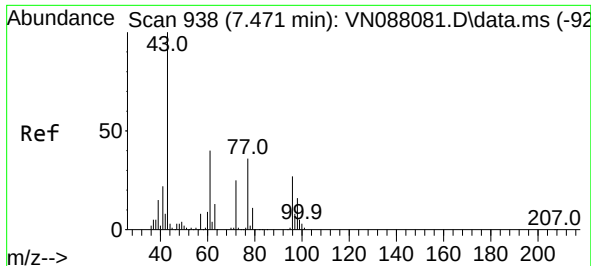
Tgt Ion: 43 Resp: 1424145
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 22.172 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 63 Resp: 171245
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.2 2.0 6.0

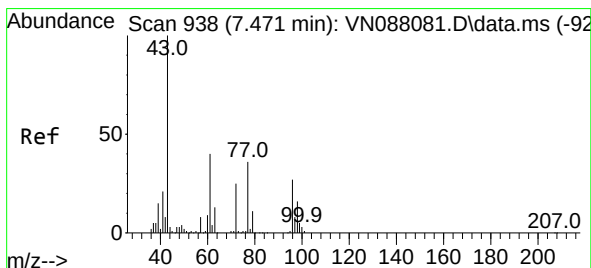
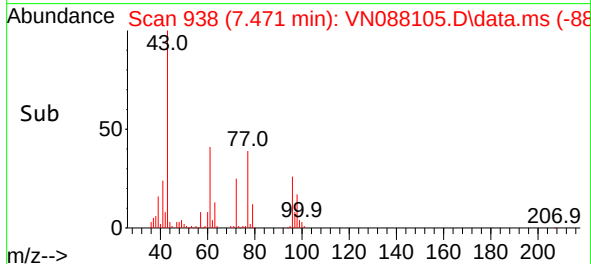
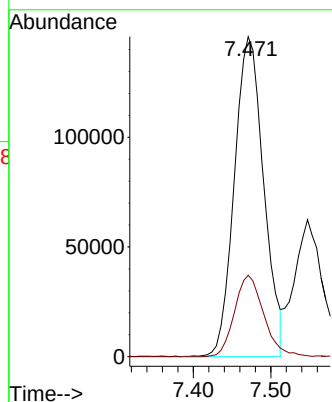
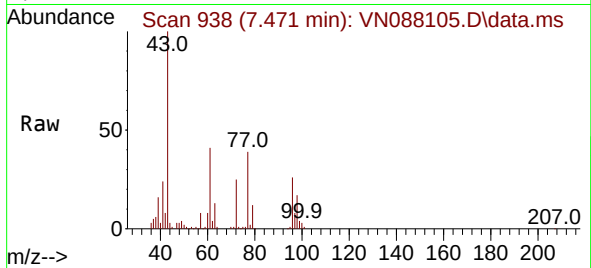




#25
2-Butanone
Concen: 111.307 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

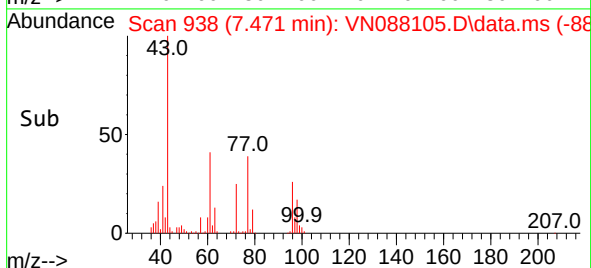
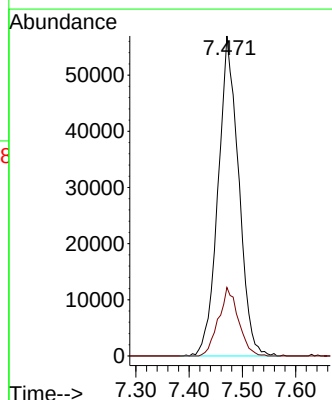
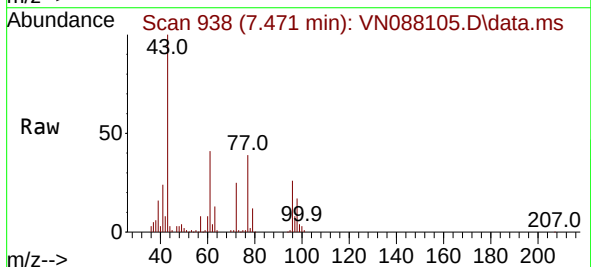
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

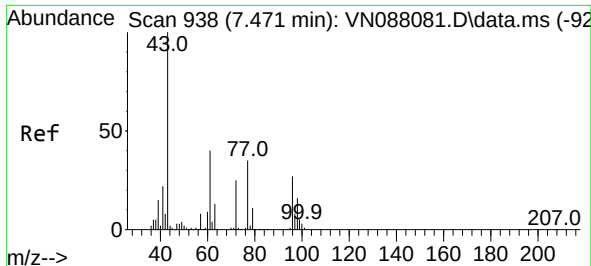
Tgt Ion: 43 Resp: 383491
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 21.781 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 77 Resp: 152872
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7

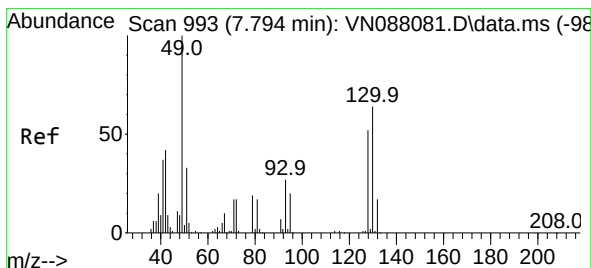
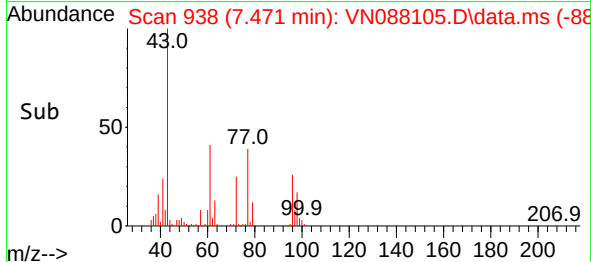
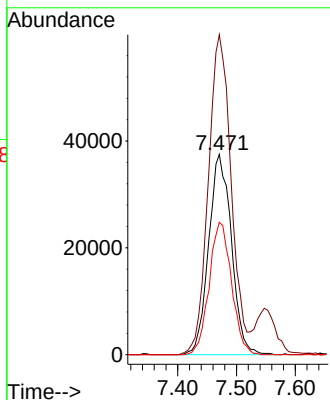
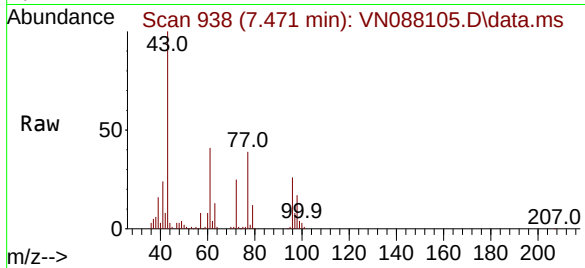




#27
 cis-1,2-Dichloroethene
 Concen: 21.150 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

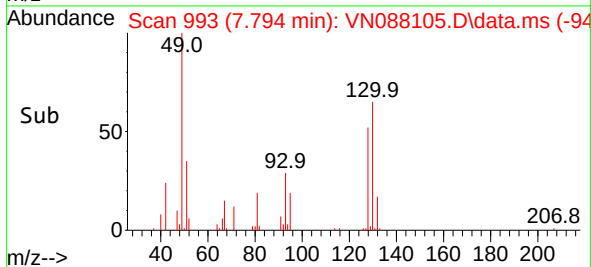
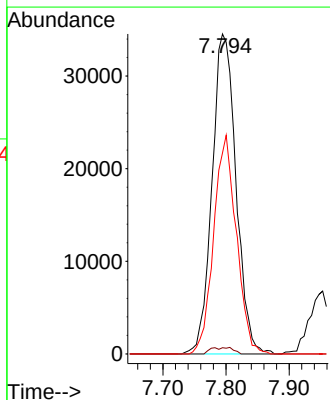
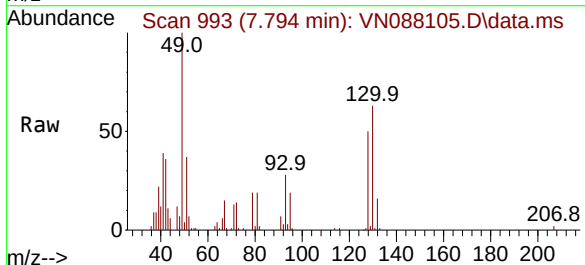
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

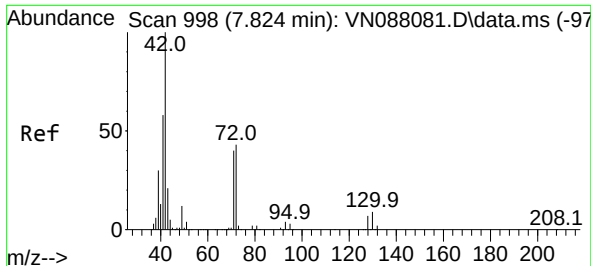
Tgt Ion: 96 Resp: 101089
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 301.8
 98 64.7 0.0 126.2



#28
 Bromochloromethane
 Concen: 24.991 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 49 Resp: 91201
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.0
 130 64.8 53.1 79.7





#29

Tetrahydrofuran

Concen: 112.448 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

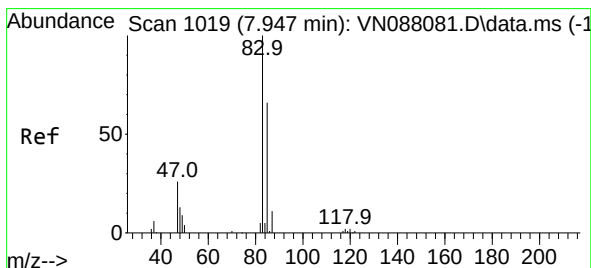
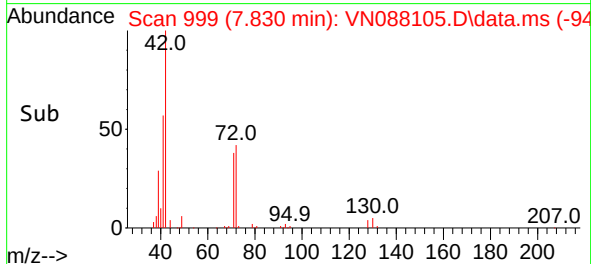
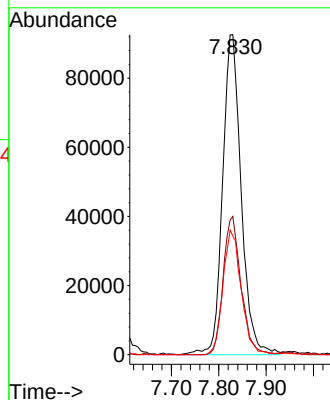
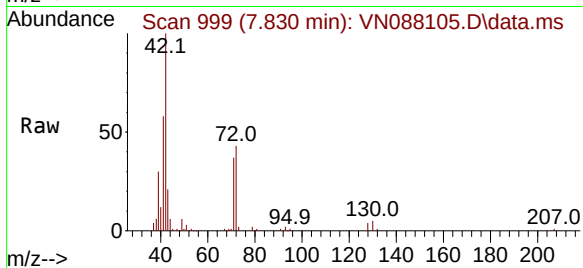
Tgt Ion: 42 Resp: 252484

Ion Ratio Lower Upper

42 100

72 41.5 33.7 50.5

71 38.3 31.9 47.9



#30

Chloroform

Concen: 22.664 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088105.D

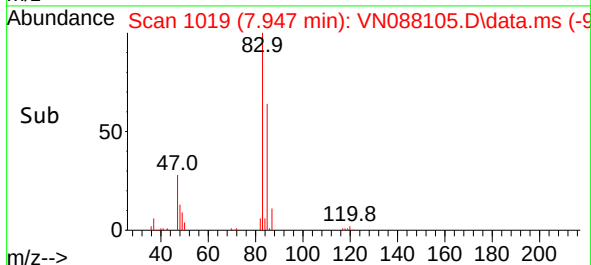
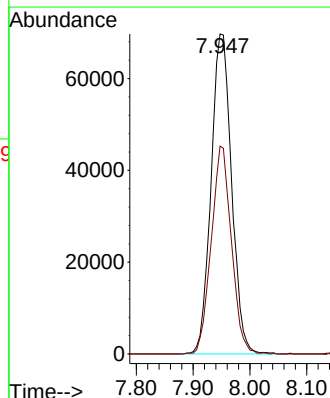
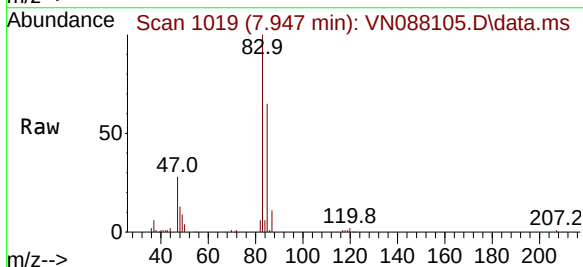
Acq: 27 Oct 2025 11:55

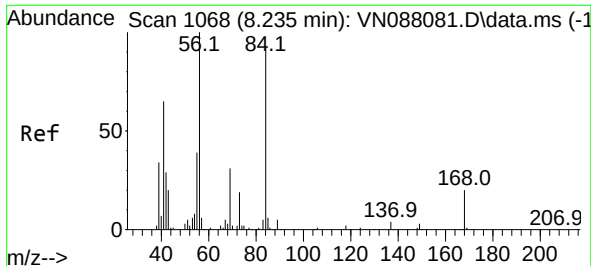
Tgt Ion: 83 Resp: 174874

Ion Ratio Lower Upper

83 100

85 64.9 50.7 76.1

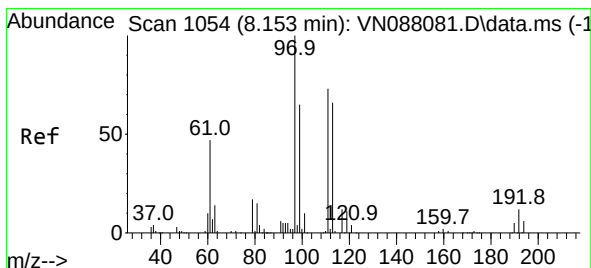
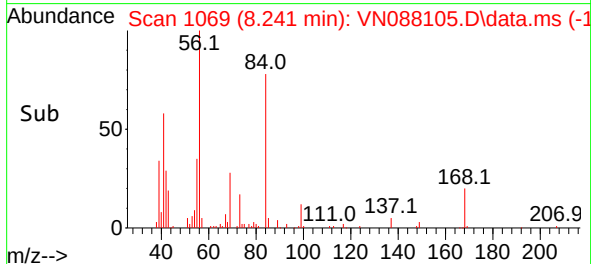
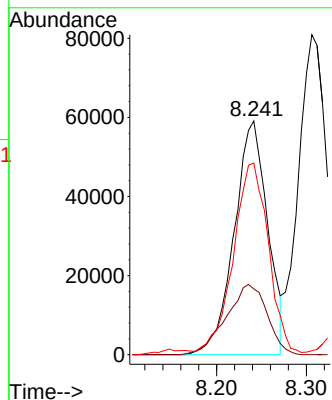
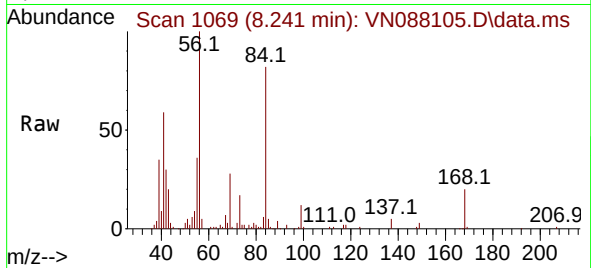




#31
Cyclohexane
Concen: 21.009 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

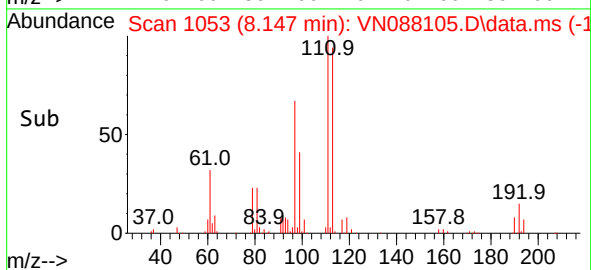
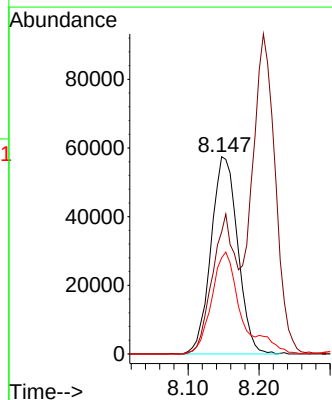
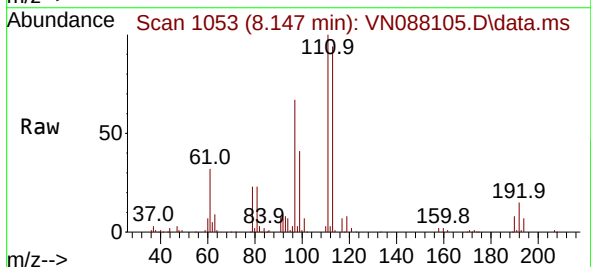
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

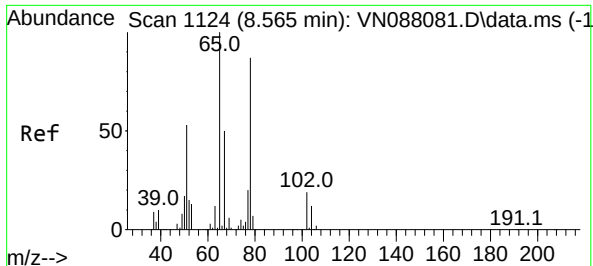
Tgt Ion: 56 Resp: 153037
Ion Ratio Lower Upper
56 100
69 27.7 23.7 35.5
84 80.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 21.829 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 97 Resp: 150009
Ion Ratio Lower Upper
97 100
99 60.1 52.2 78.2
61 51.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 56.202 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

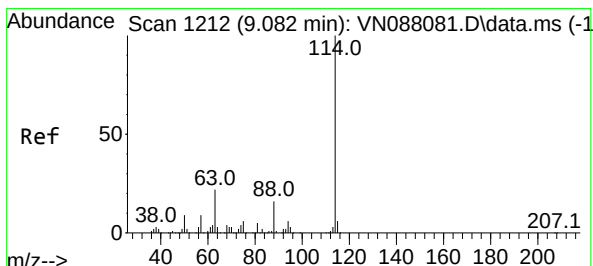
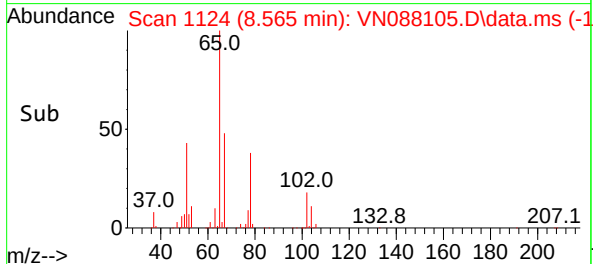
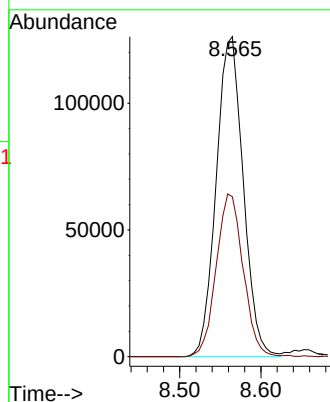
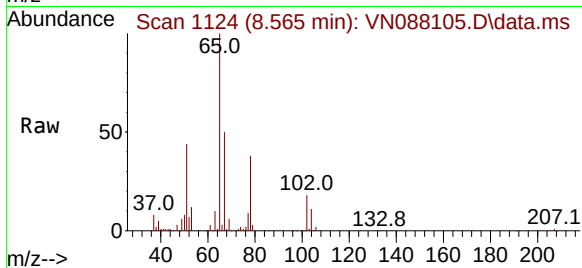
VN1027WBS01

Tgt Ion: 65 Resp: 292467

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

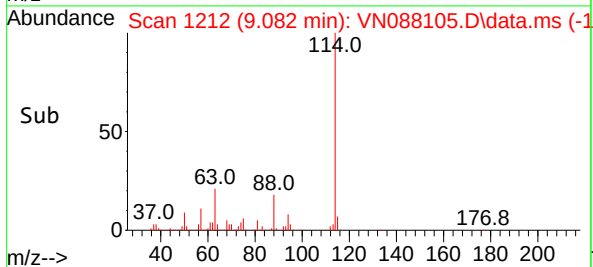
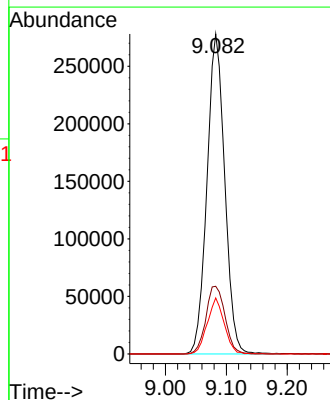
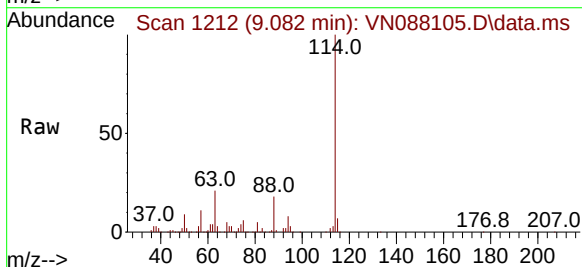
Tgt Ion: 114 Resp: 563874

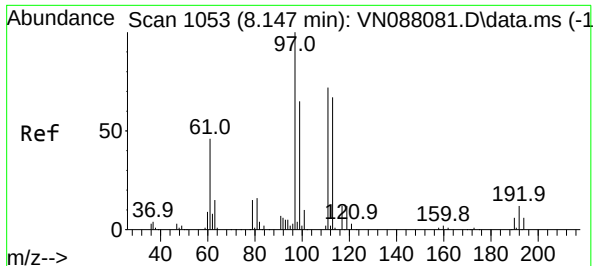
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.2

88 17.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.201 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

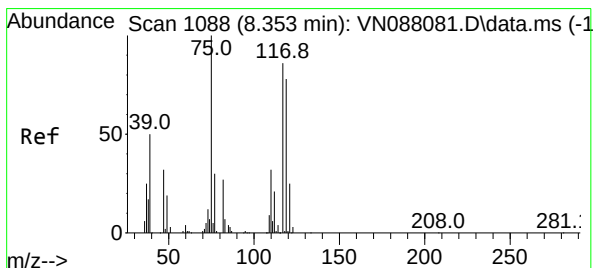
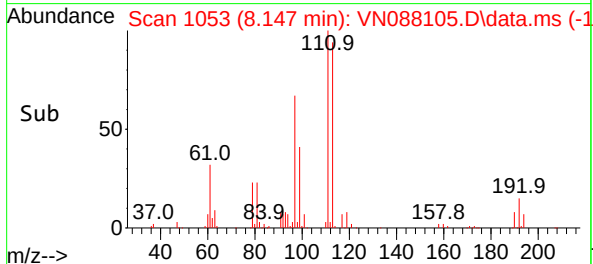
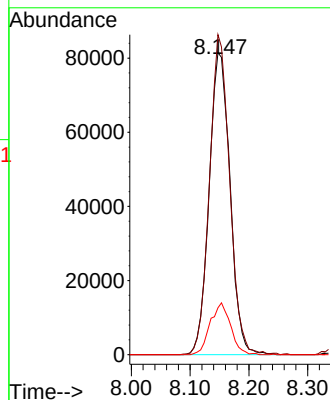
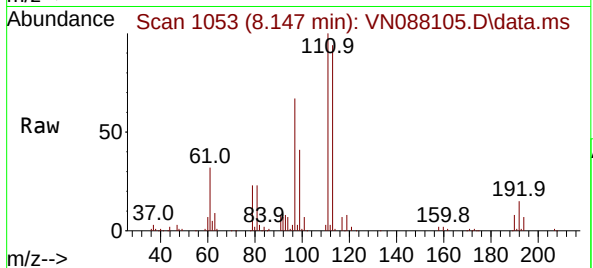
Tgt Ion:113 Resp: 201534

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 16.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 21.795 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

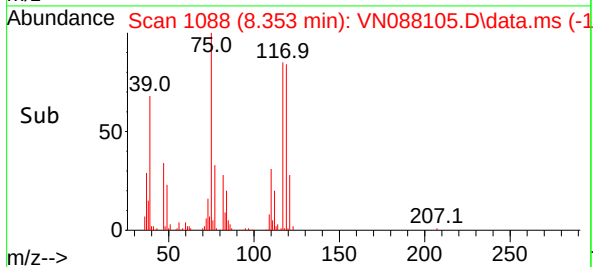
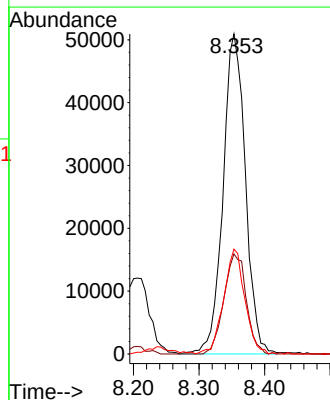
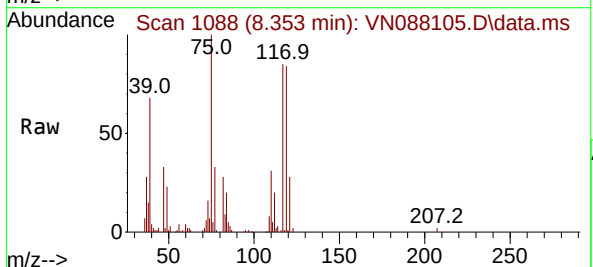
Tgt Ion: 75 Resp: 120548

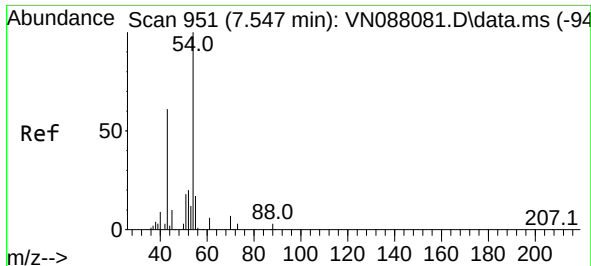
Ion Ratio Lower Upper

75 100

110 31.3 15.9 47.6

77 31.1 24.4 36.6

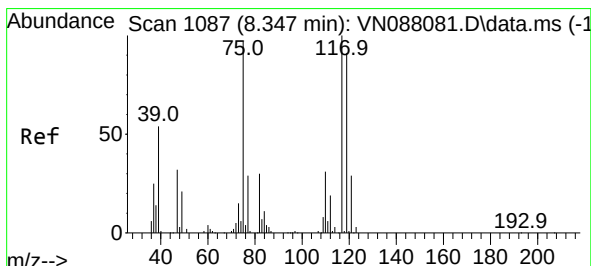
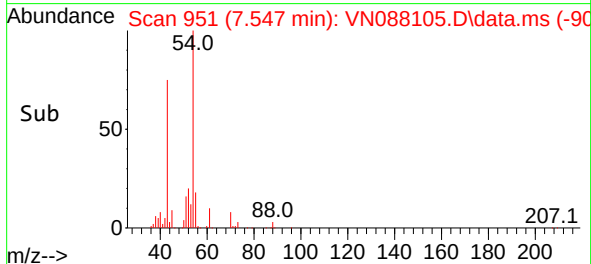
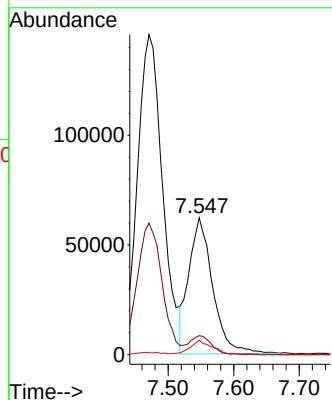
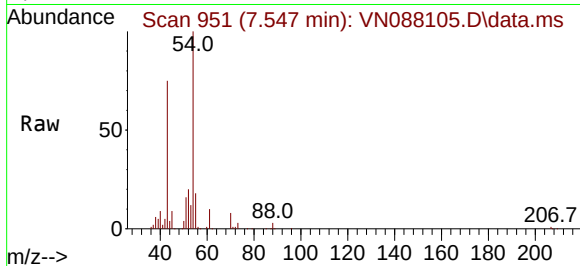




#37
Ethyl Acetate
Concen: 21.888 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

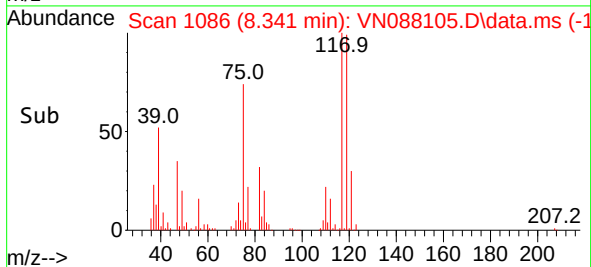
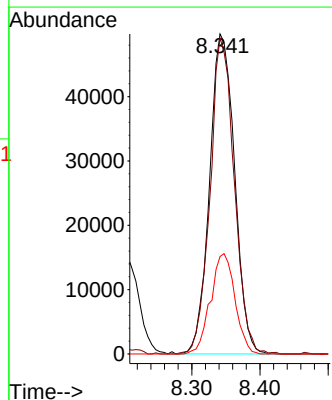
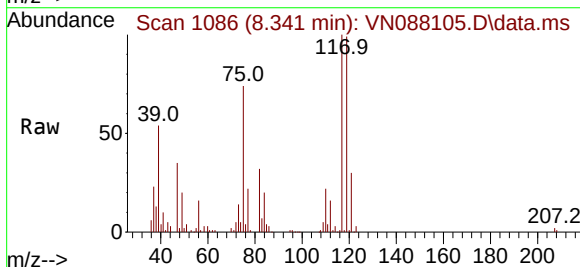
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

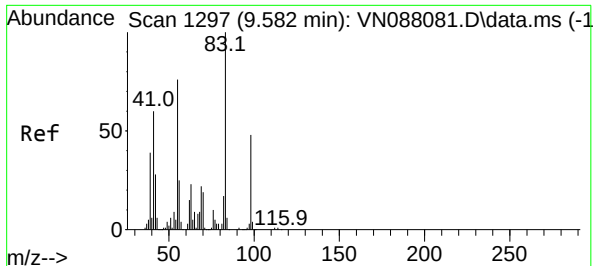
Tgt Ion: 43 Resp: 156235
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 22.238 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 117 Resp: 127037
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.6
121 30.4 25.0 37.6





#39

Methylcyclohexane

Concen: 19.844 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

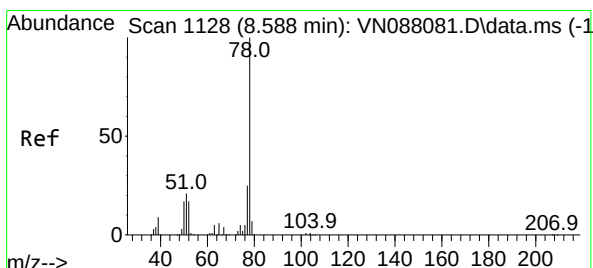
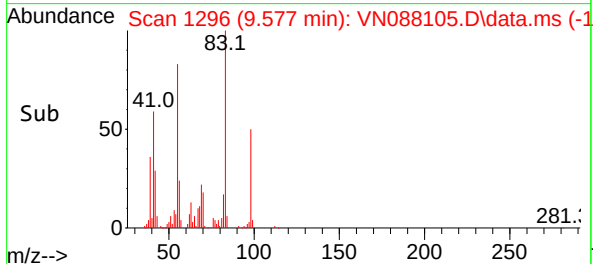
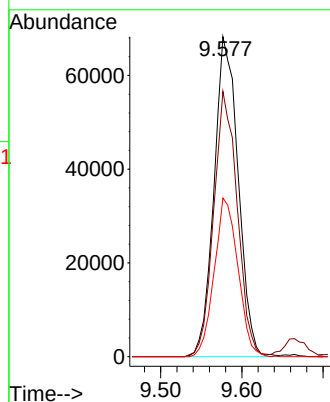
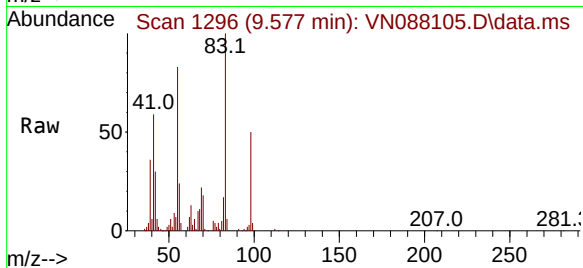
Tgt Ion: 83 Resp: 141080

Ion Ratio Lower Upper

83 100

55 82.9 64.6 96.8

98 49.6 38.4 57.6



#40

Benzene

Concen: 21.784 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088105.D

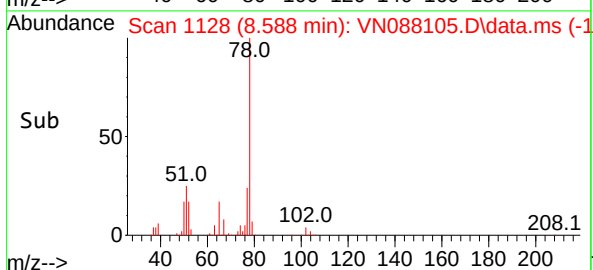
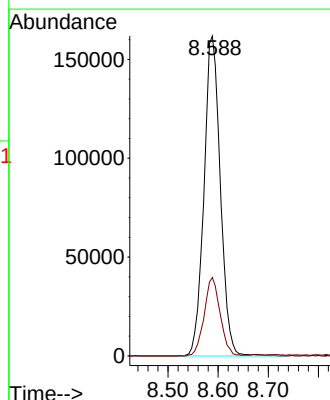
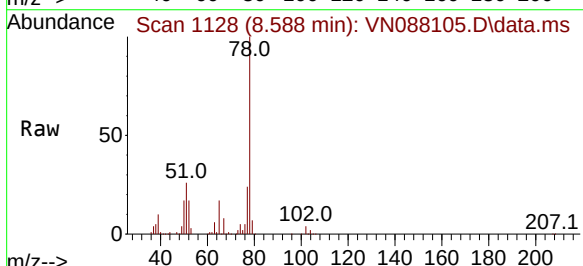
Acq: 27 Oct 2025 11:55

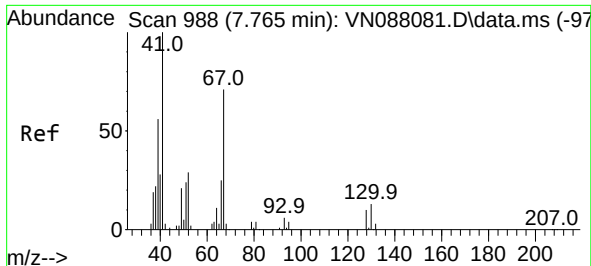
Tgt Ion: 78 Resp: 366941

Ion Ratio Lower Upper

78 100

77 24.4 19.7 29.5

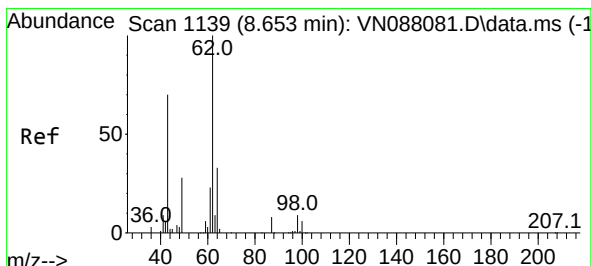
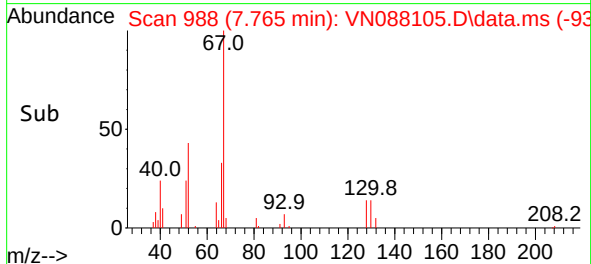
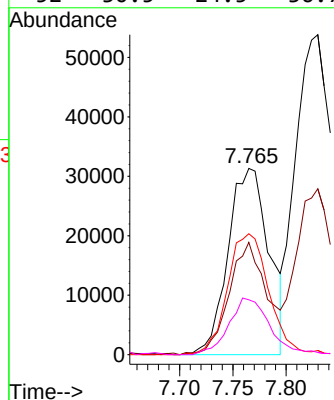
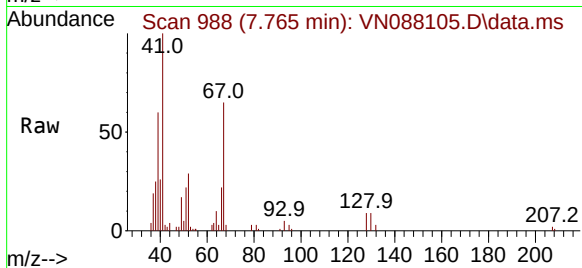




#41
Methacrylonitrile
Concen: 22.213 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

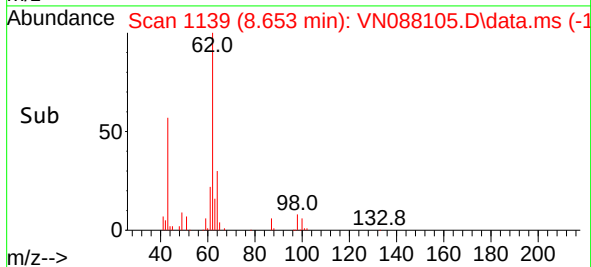
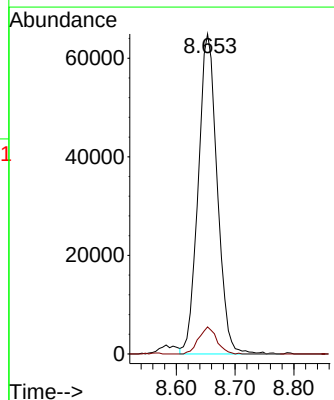
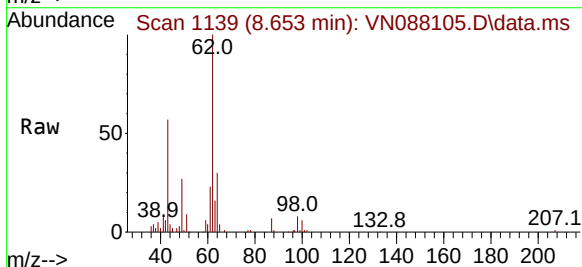
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

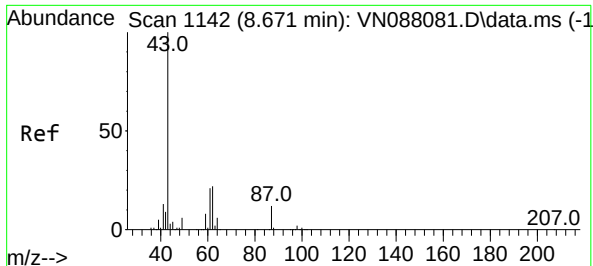
Tgt Ion:	41	Resp:	83450
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.4	68.0
67	66.1	55.3	82.9
52	30.5	24.5	36.7



#42
1,2-Dichloroethane
Concen: 24.352 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:	62	Resp:	145750
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4

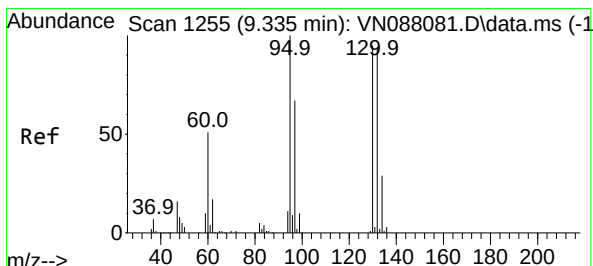
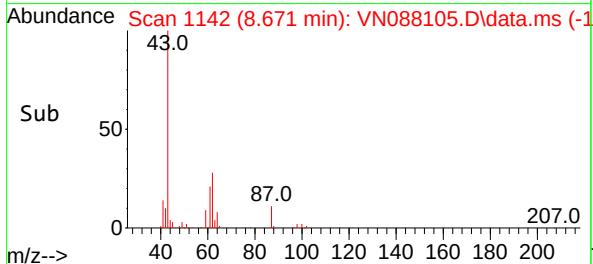
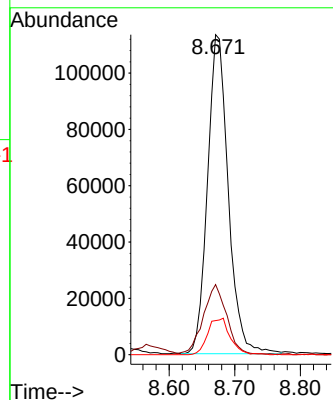
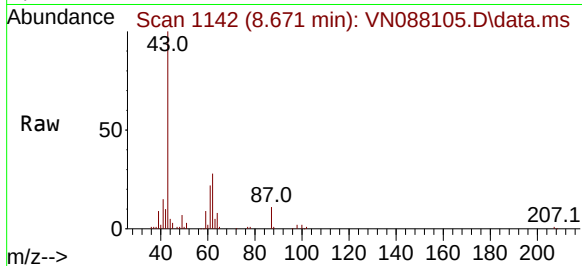




#43
Isopropyl Acetate
Concen: 22.762 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

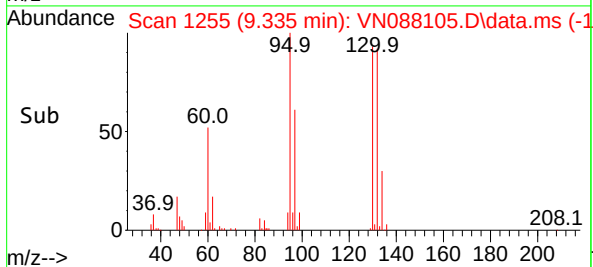
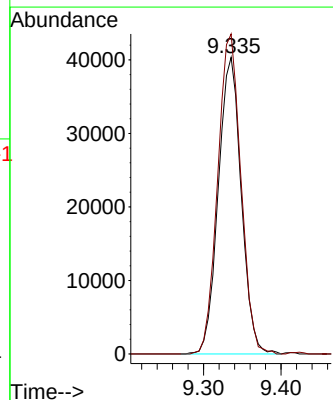
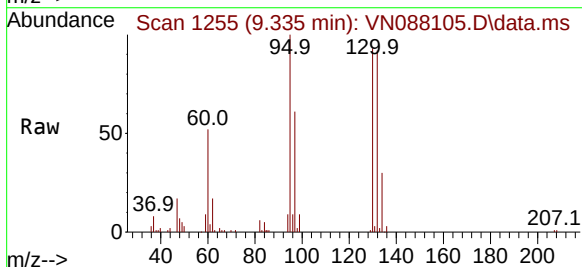
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

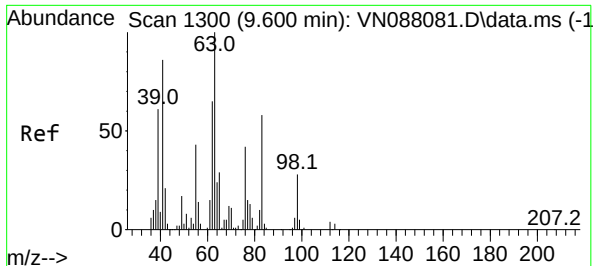
Tgt Ion: 43 Resp: 249652
Ion Ratio Lower Upper
43 100
61 25.0 18.8 28.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 21.093 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:130 Resp: 83048
Ion Ratio Lower Upper
130 100
95 107.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.901 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

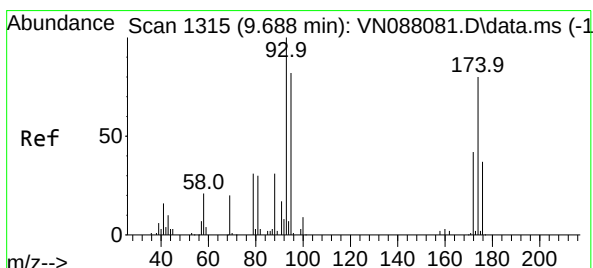
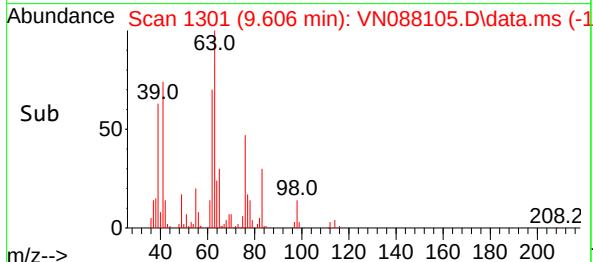
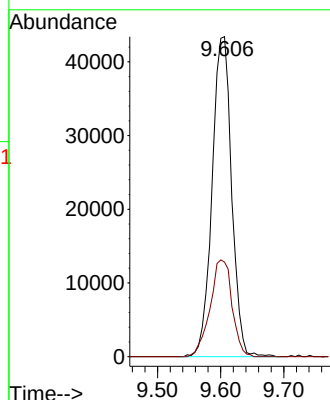
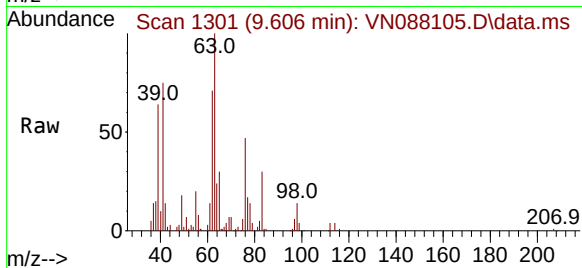
VN1027WBS01

Tgt Ion: 63 Resp: 93135

Ion Ratio Lower Upper

63 100

65 29.5 25.0 37.4



#46

Dibromomethane

Concen: 22.297 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

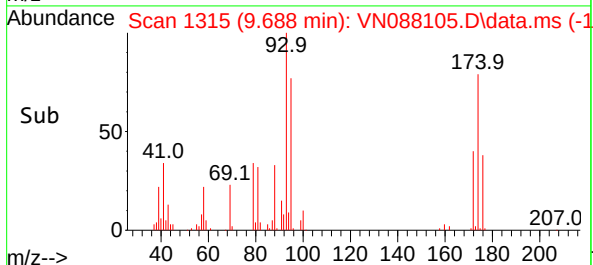
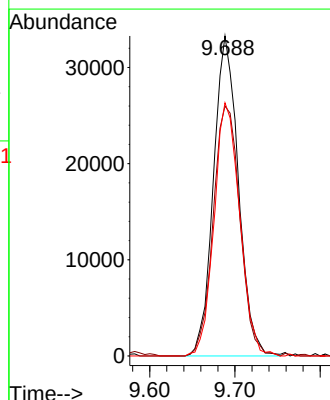
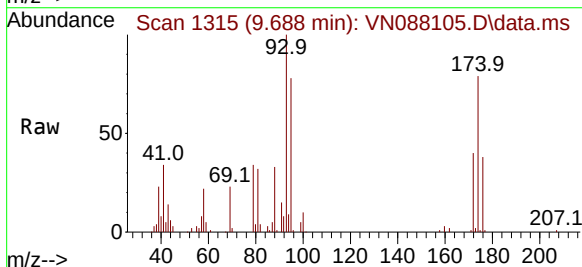
Tgt Ion: 93 Resp: 67628

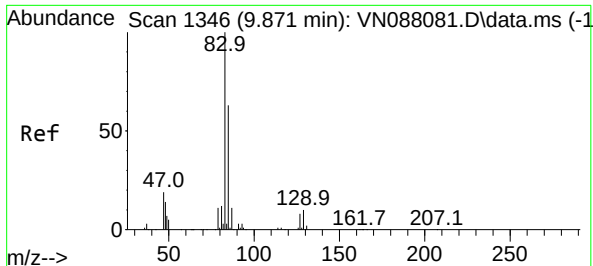
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 81.3 63.4 95.2

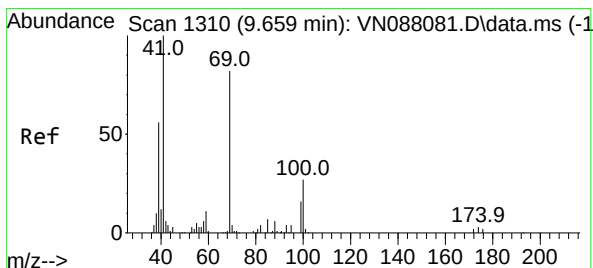
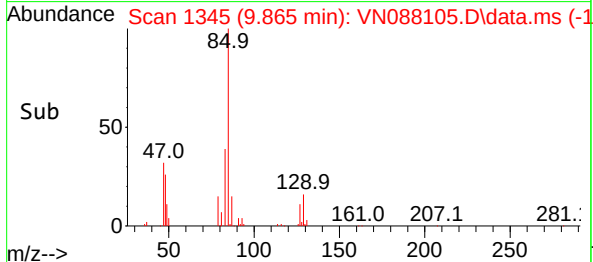
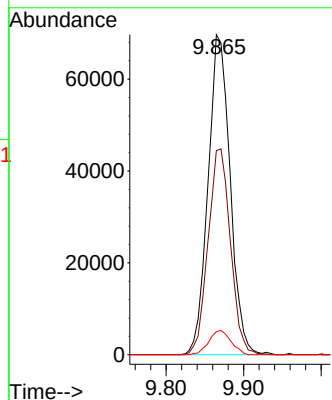
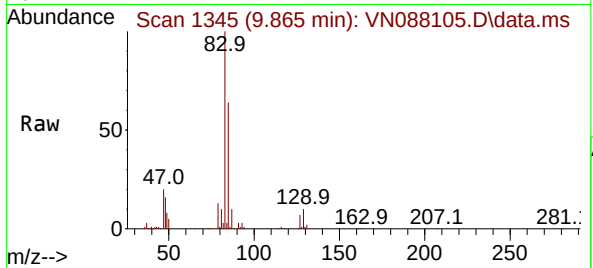




#47
Bromodichloromethane
Concen: 22.756 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

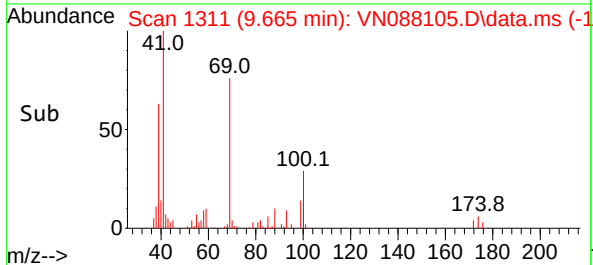
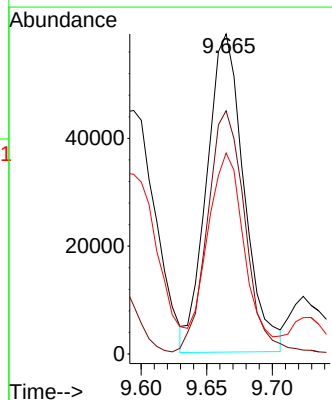
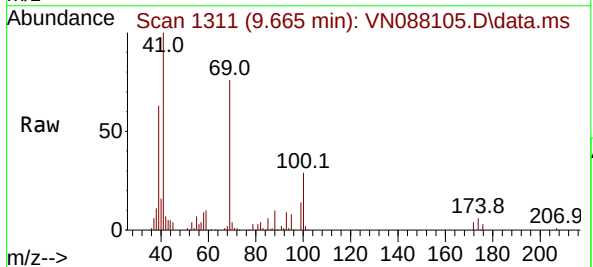
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

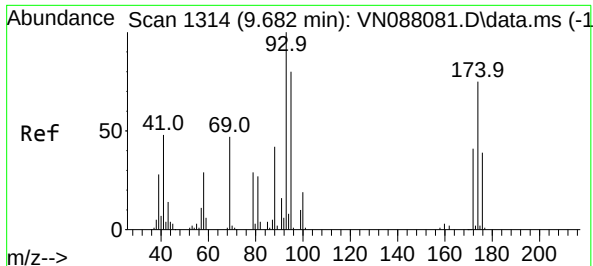
Tgt Ion: 83 Resp: 138182
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 7.2 5.8 8.6



#48
Methyl methacrylate
Concen: 23.077 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 41 Resp: 116857
Ion Ratio Lower Upper
41 100
69 77.2 62.7 94.1
39 61.8 52.9 79.3

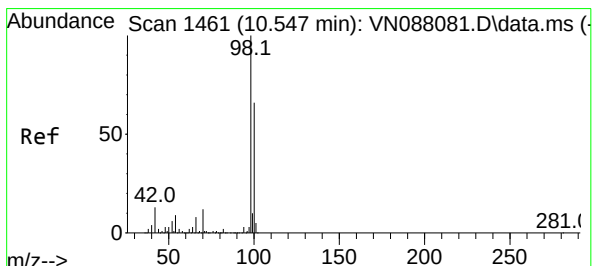
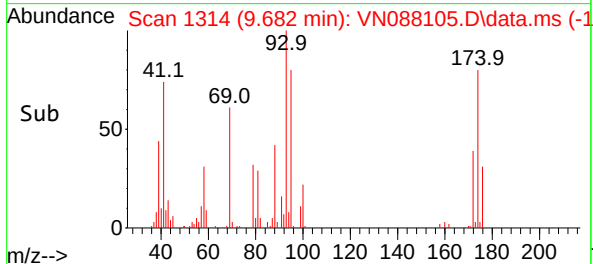
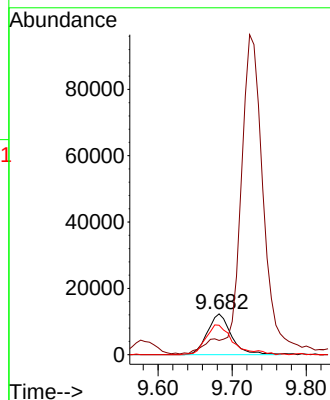
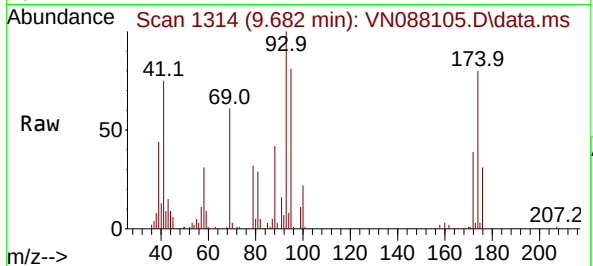




#49
1,4-Dioxane
Concen: 437.028 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

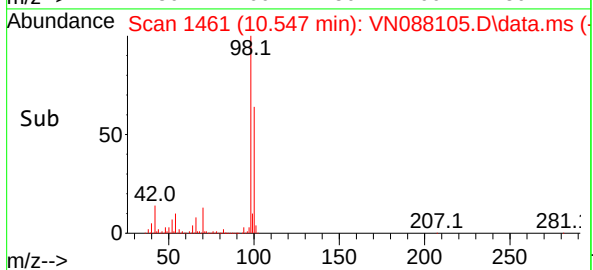
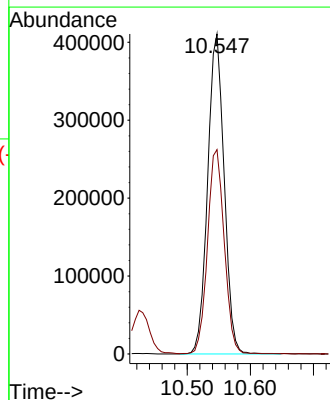
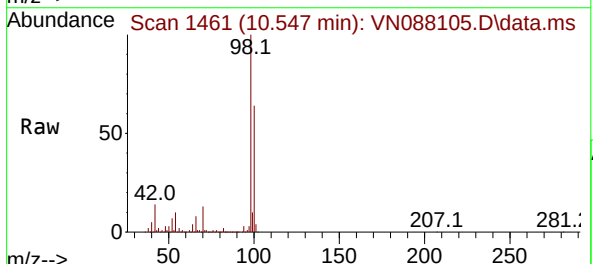
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

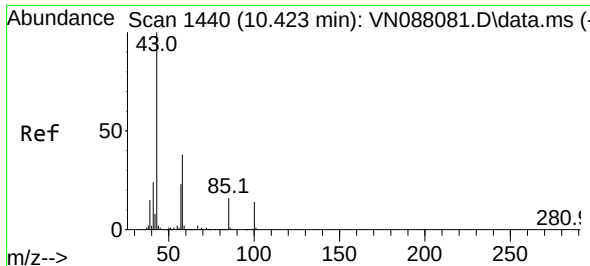
Tgt Ion: 88 Resp: 27524
Ion Ratio Lower Upper
88 100
43 26.8 0.0 0.0#
58 83.4 57.9 86.9



#50
Toluene-d8
Concen: 51.068 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 98 Resp: 745408
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

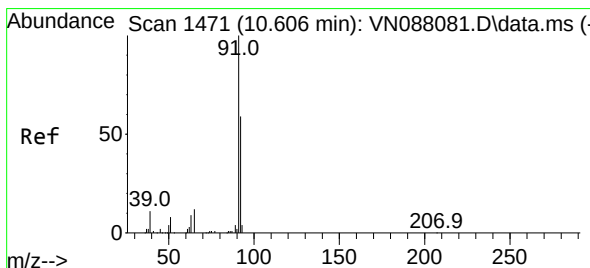
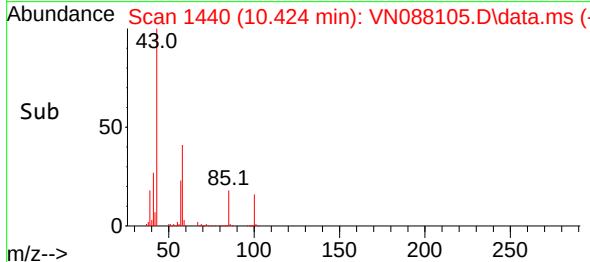
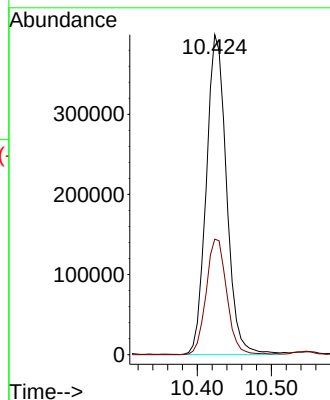
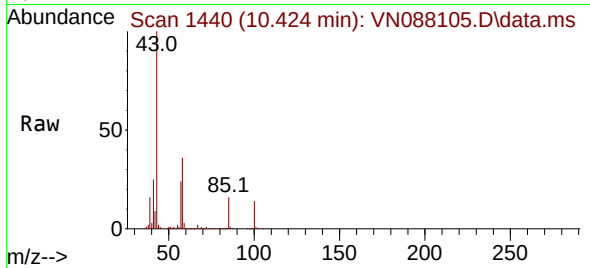




#51
4-Methyl-2-Pentanone
Concen: 116.567 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

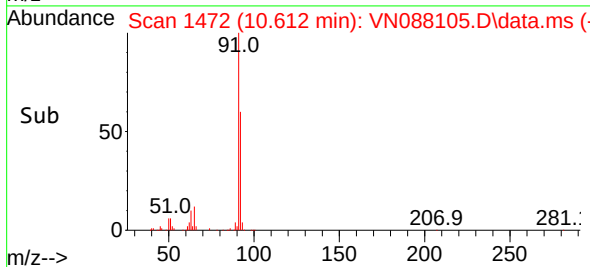
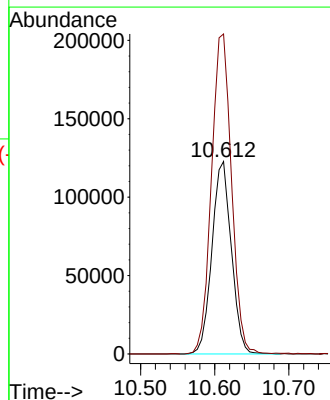
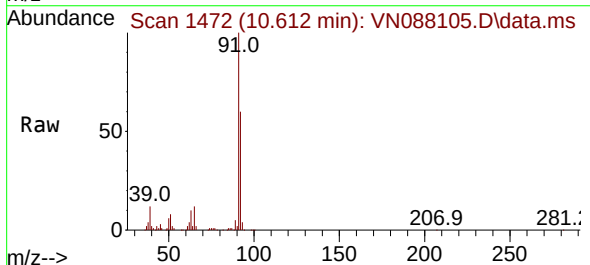
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

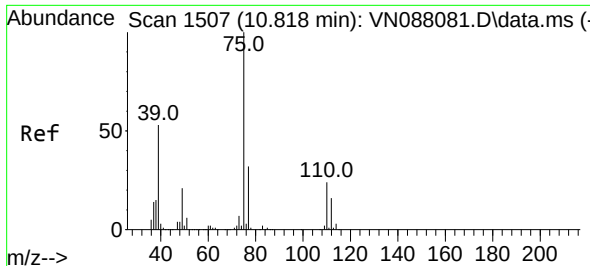
Tgt Ion: 43 Resp: 756352
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4



#52
Toluene
Concen: 21.487 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 92 Resp: 223155
Ion Ratio Lower Upper
92 100
91 171.6 140.4 210.6

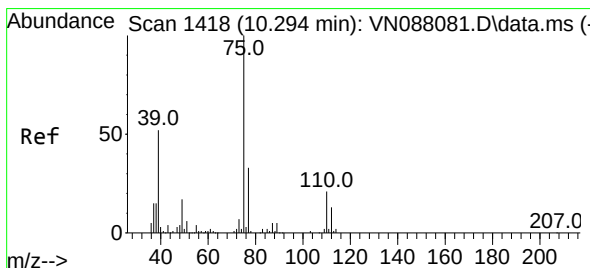
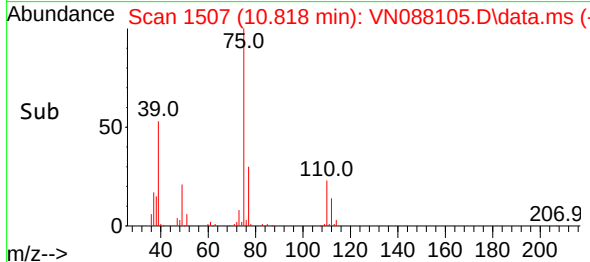
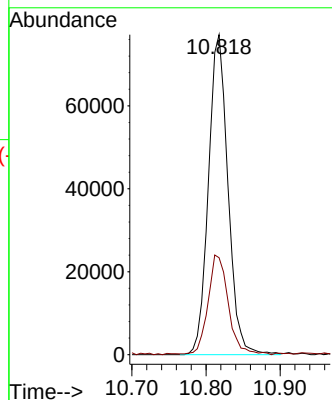
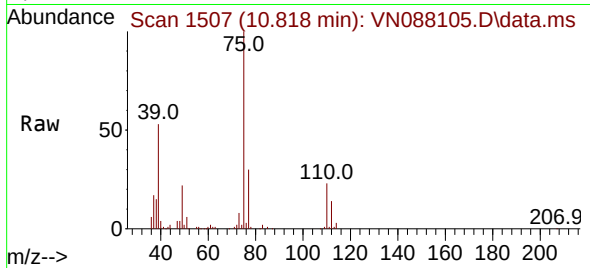




#53
 t-1,3-Dichloropropene
 Concen: 21.872 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

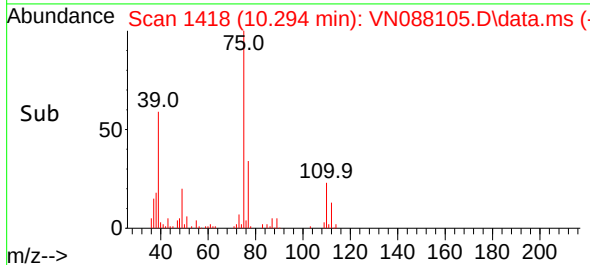
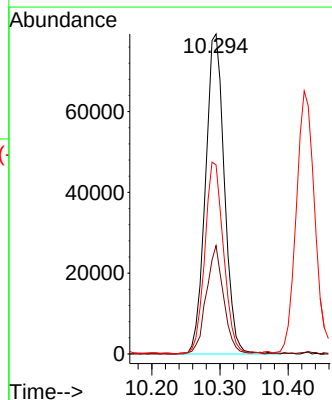
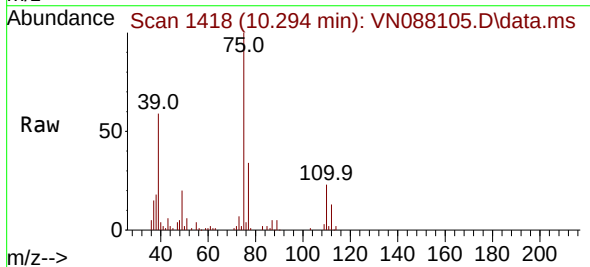
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

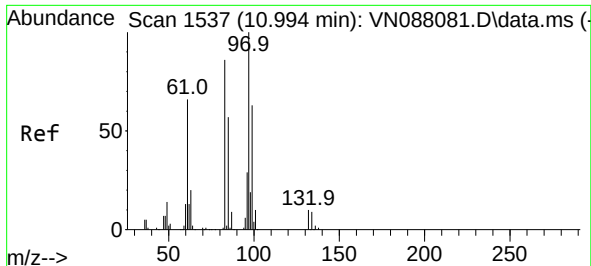
Tgt Ion: 75 Resp: 141361
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.294 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 75 Resp: 152892
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.6 37.0
 39 58.9 45.2 67.8

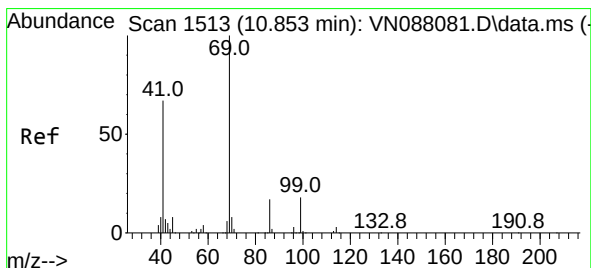
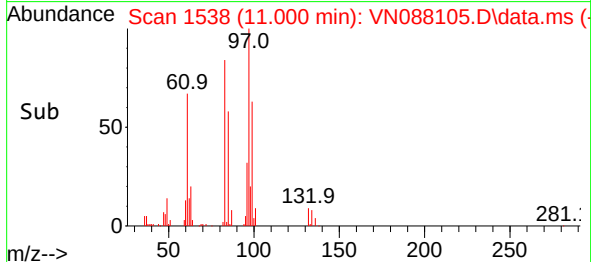
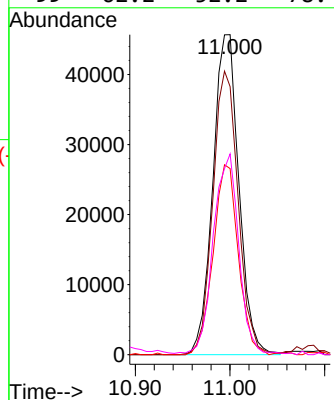
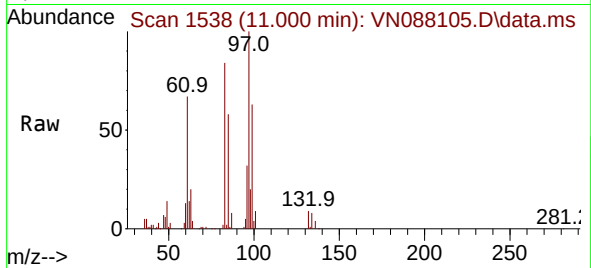




#55
1,1,2-Trichloroethane
Concen: 22.149 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

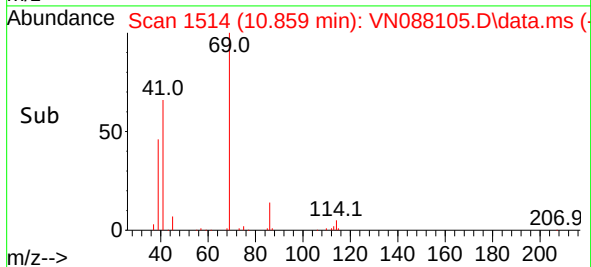
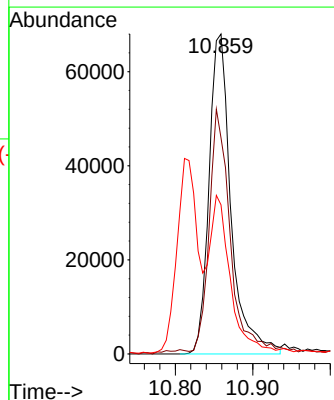
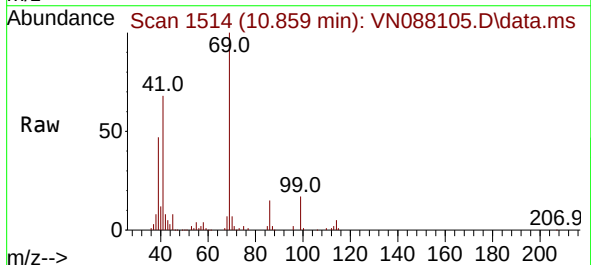
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

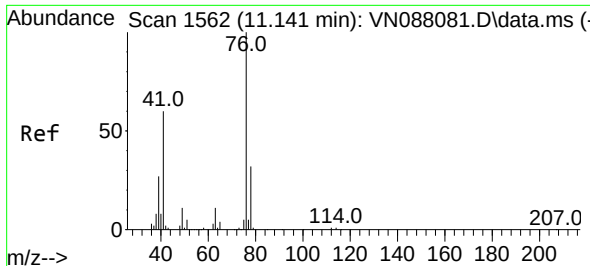
Tgt Ion:	97	Resp:	87269
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.2	102.4
85	58.2	45.5	68.3
99	62.2	52.2	78.4



#56
Ethyl methacrylate
Concen: 21.574 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:	69	Resp:	134518
Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.5	84.7
39	45.2	34.2	51.4

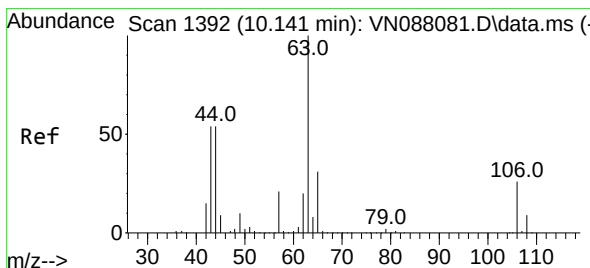
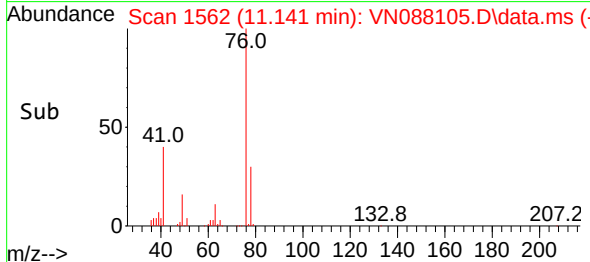
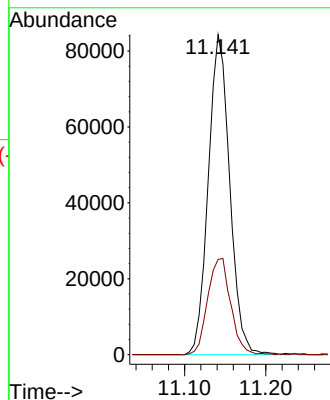
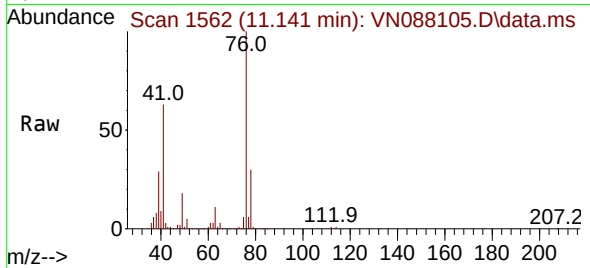




#57
1,3-Dichloropropane
Concen: 22.319 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

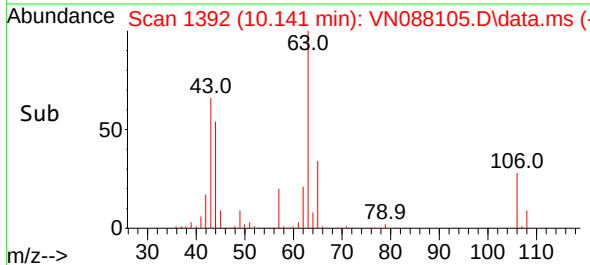
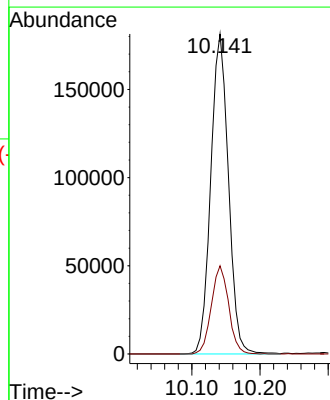
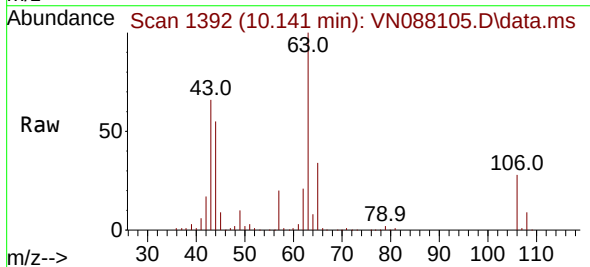
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

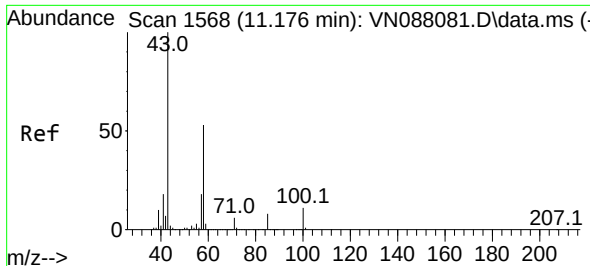
Tgt Ion: 76 Resp: 154575
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 100.882 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 63 Resp: 327194
Ion Ratio Lower Upper
63 100
106 26.9 21.1 31.7

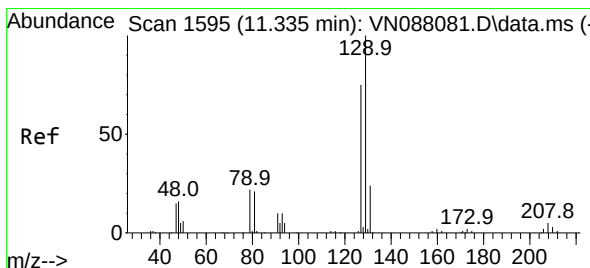
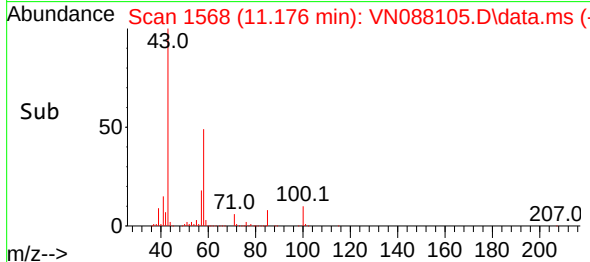
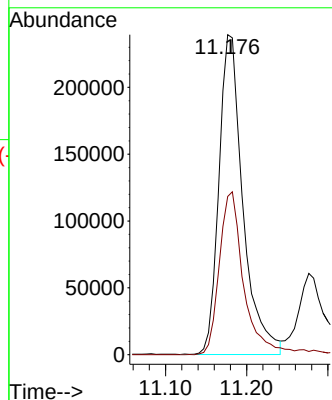
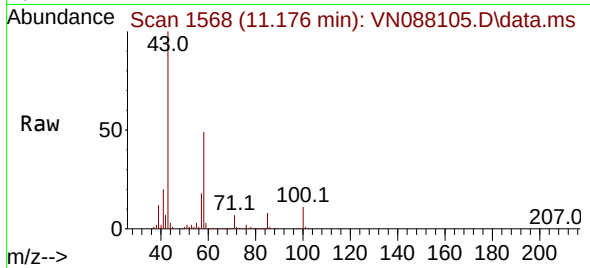




#59
2-Hexanone
Concen: 114.310 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

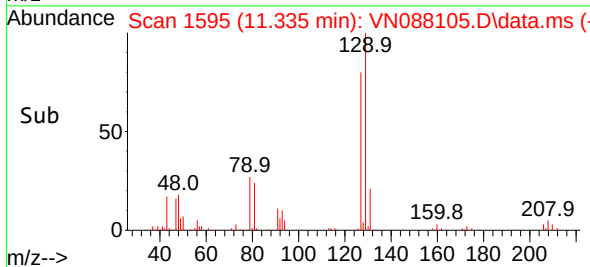
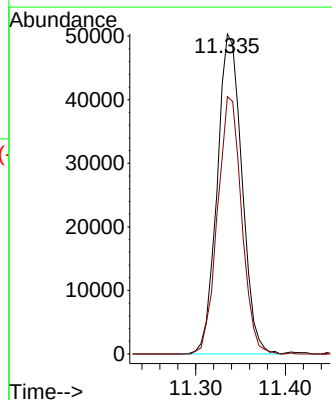
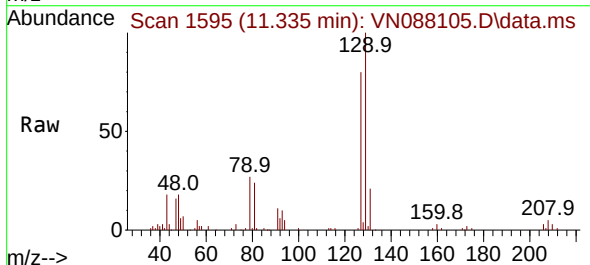
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

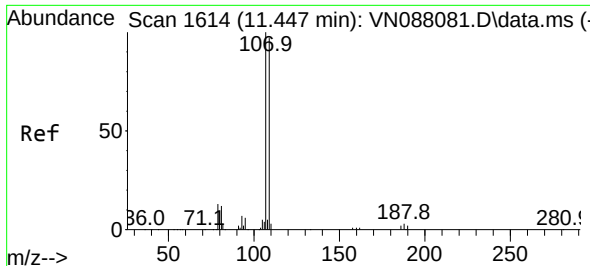
Tgt Ion: 43 Resp: 492033
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.507 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 129 Resp: 96318
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

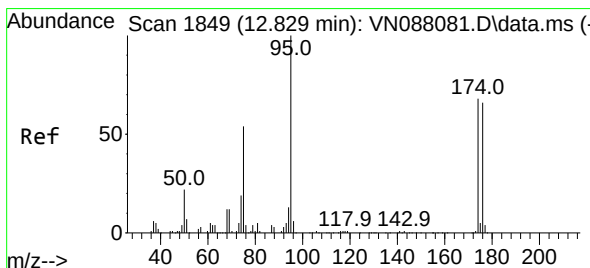
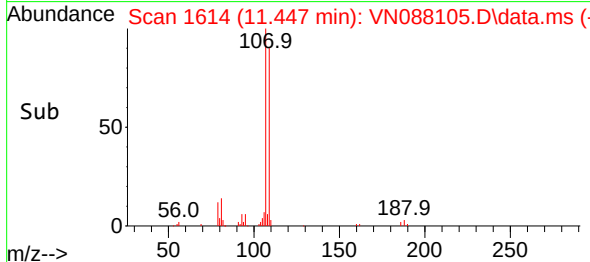
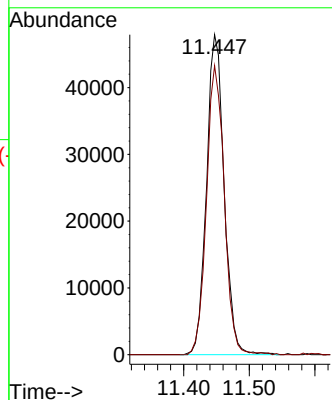
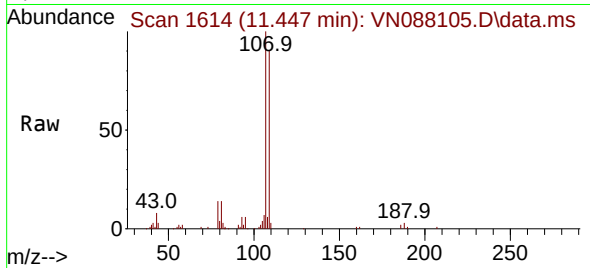




#61
1,2-Dibromoethane
Concen: 22.078 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

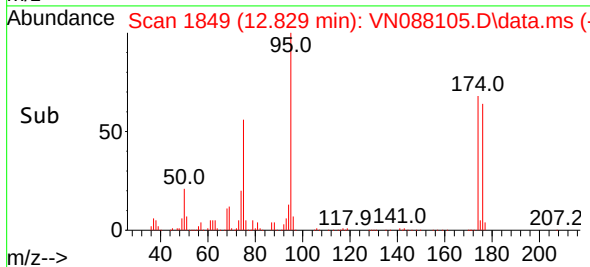
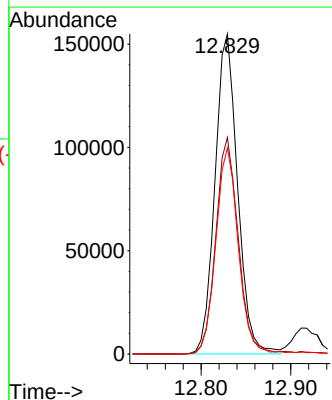
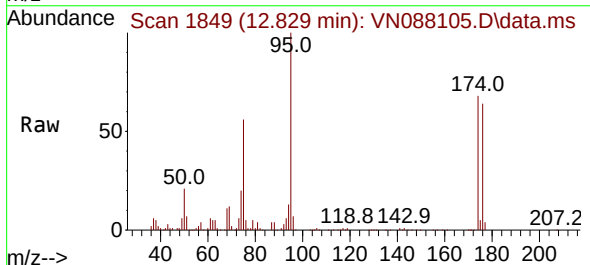
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

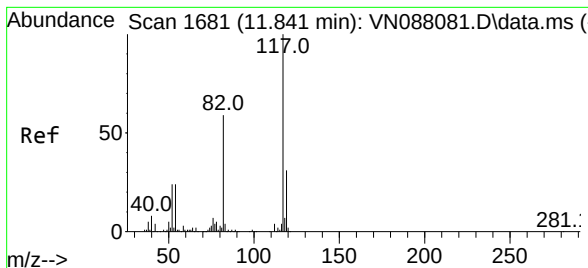
Tgt Ion:107 Resp: 89527
Ion Ratio Lower Upper
107 100
109 91.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 95 Resp: 271139
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.4
176 64.3 0.0 132.6

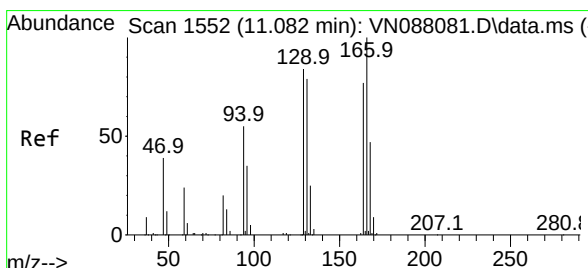
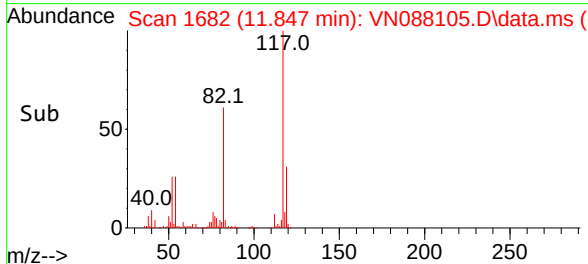
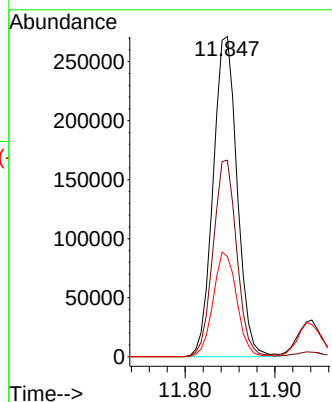
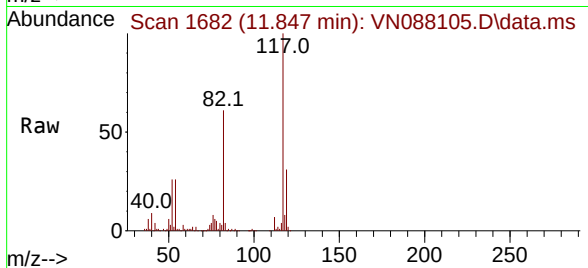




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

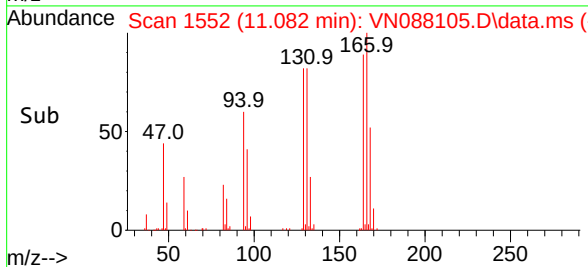
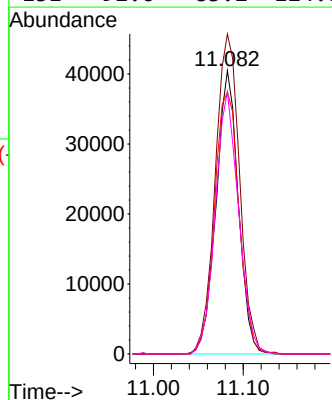
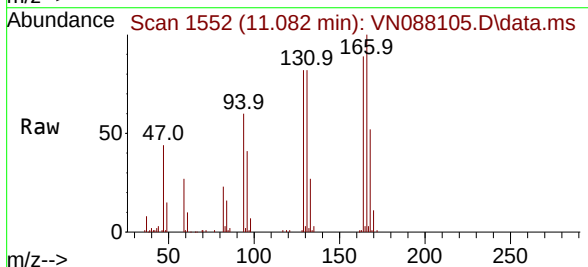
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

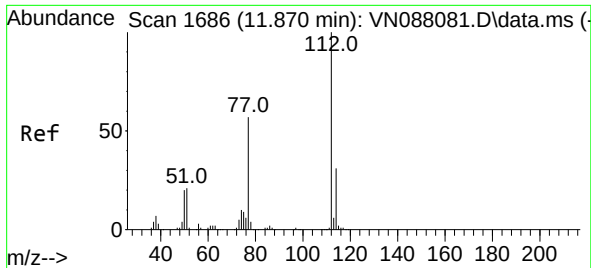
Tgt Ion:117 Resp: 505093
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 20.900 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:164 Resp: 69633
Ion Ratio Lower Upper
164 100
166 112.9 97.7 146.5
129 92.5 85.9 128.9
131 92.6 83.2 124.8

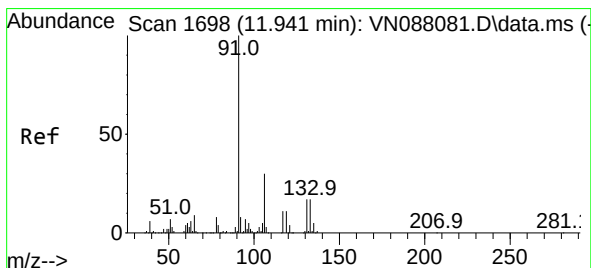
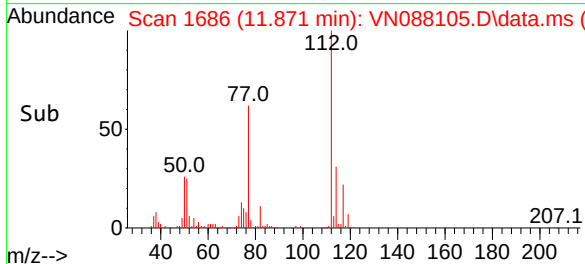
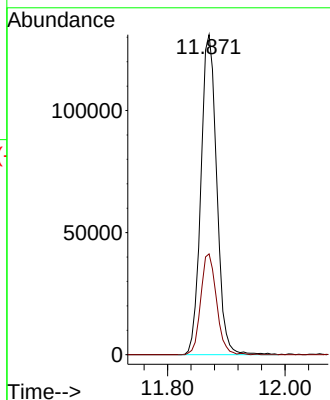
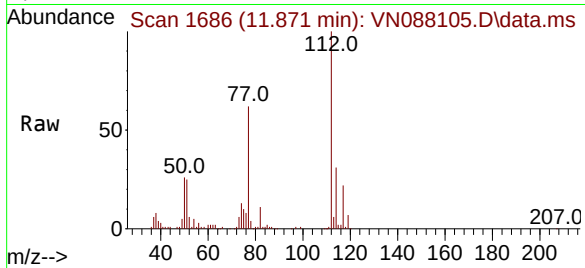




#65
Chlorobenzene
Concen: 21.338 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

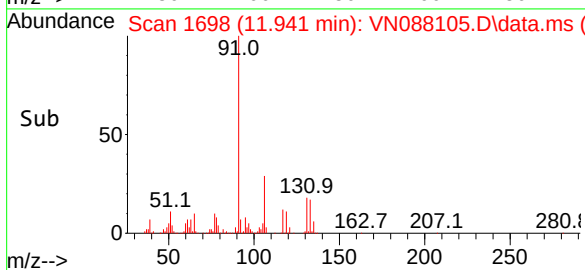
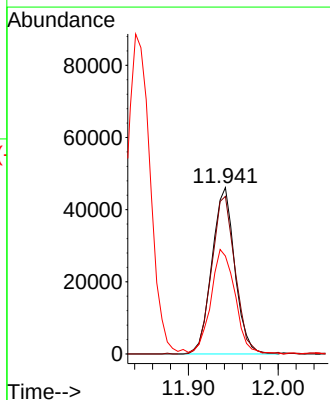
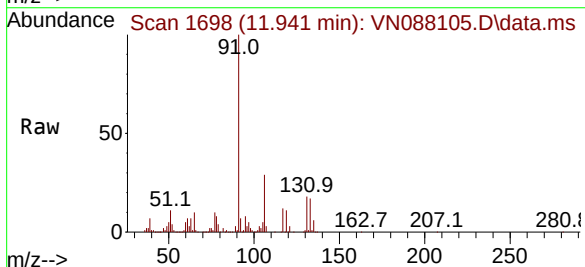
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

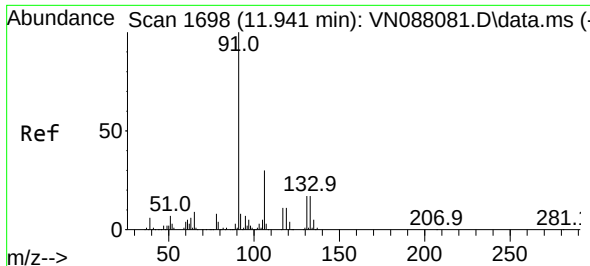
Tgt Ion:112 Resp: 244731
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.722 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:131 Resp: 81619
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 66.3 32.6 97.7

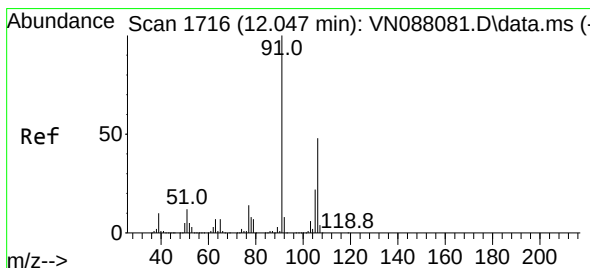
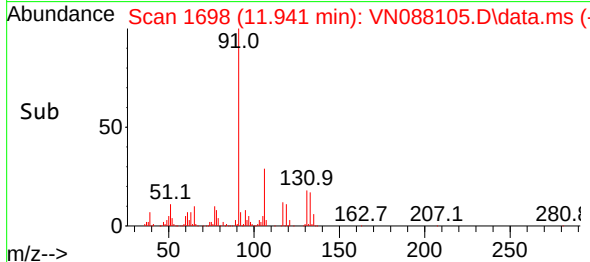
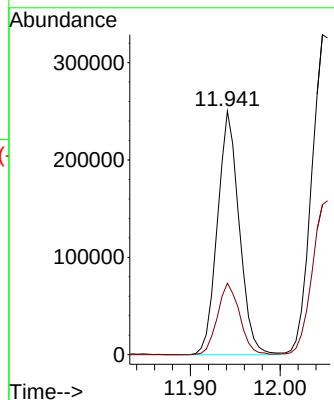
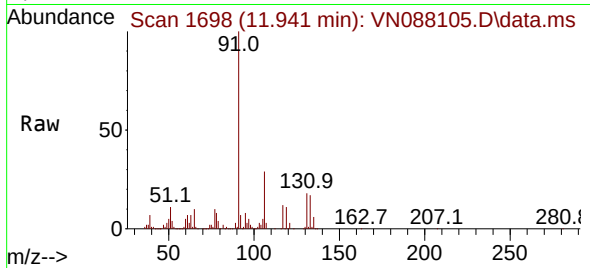




#67
Ethyl Benzene
Concen: 20.925 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

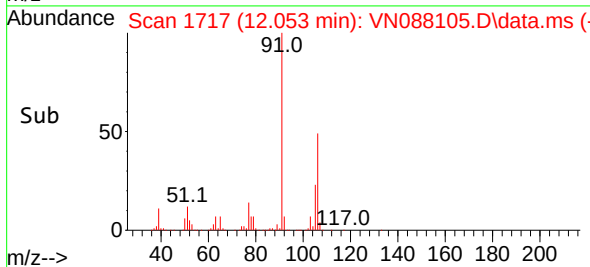
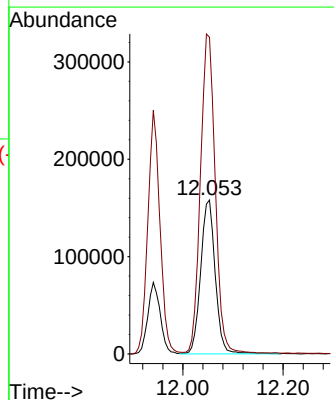
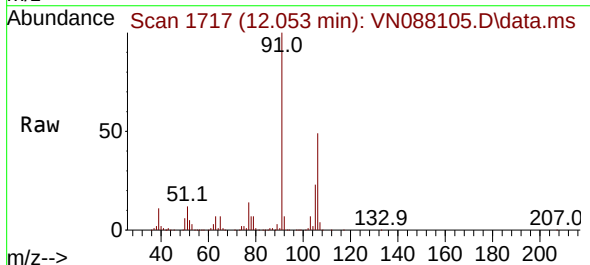
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

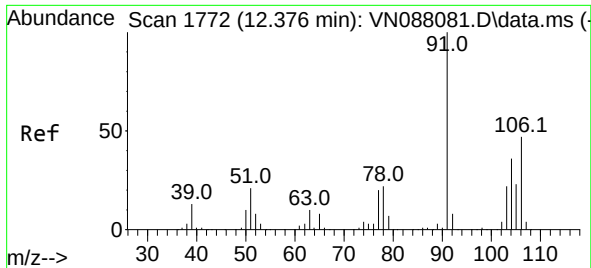
Tgt Ion: 91 Resp: 421252
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 42.070 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:106 Resp: 317335
Ion Ratio Lower Upper
106 100
91 210.9 169.3 253.9

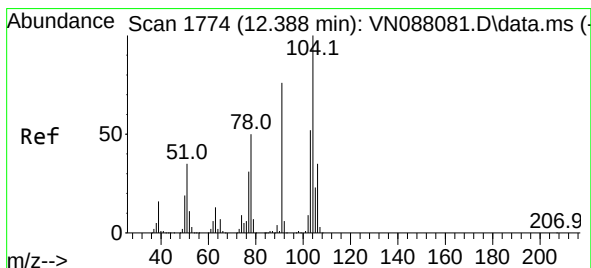
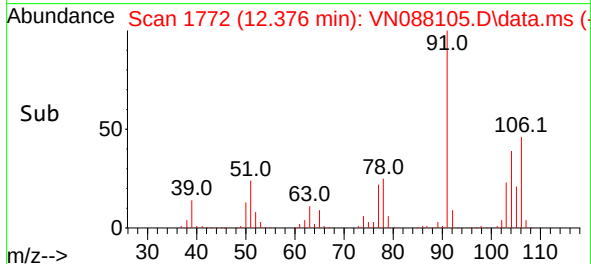
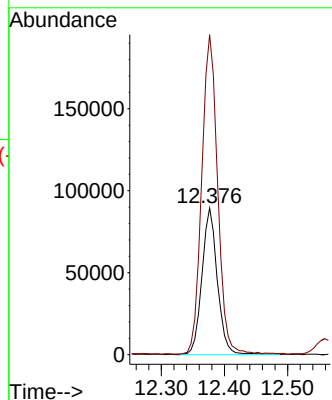
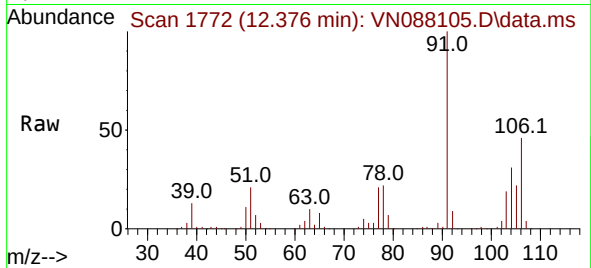




#69
o-Xylene
Concen: 21.227 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

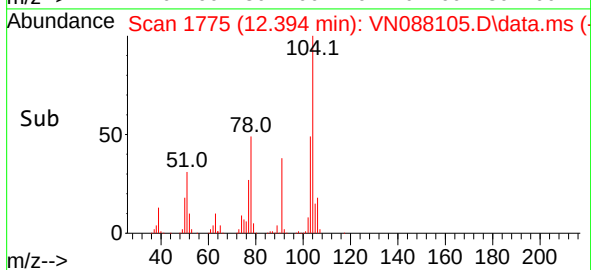
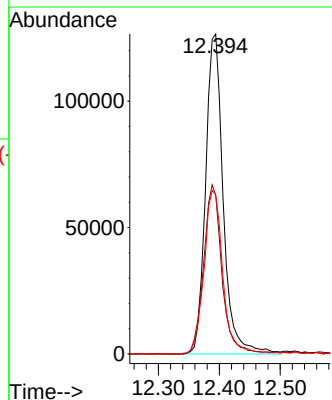
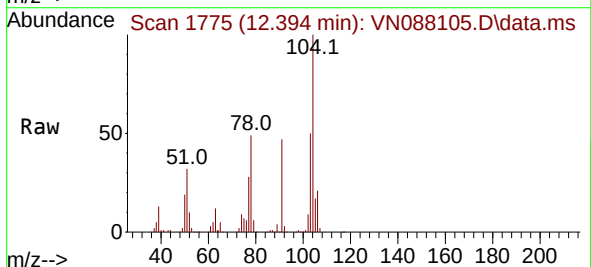
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

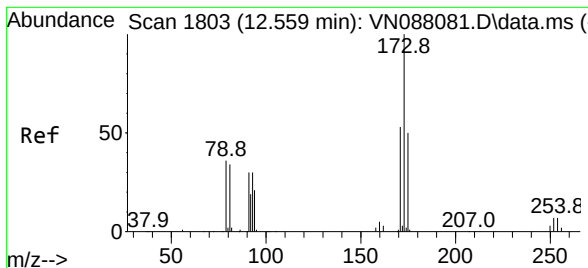
Tgt Ion:106 Resp: 151783
Ion Ratio Lower Upper
106 100
91 224.8 111.4 334.2



#70
Styrene
Concen: 21.855 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:104 Resp: 254839
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.0 43.4 65.2





#71

Bromoform

Concen: 21.810 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

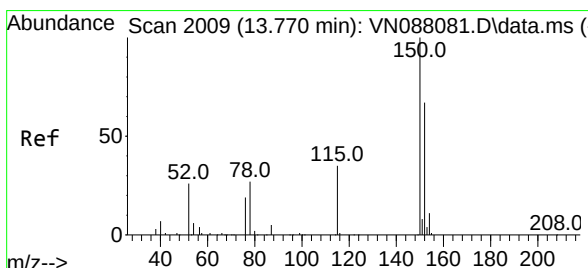
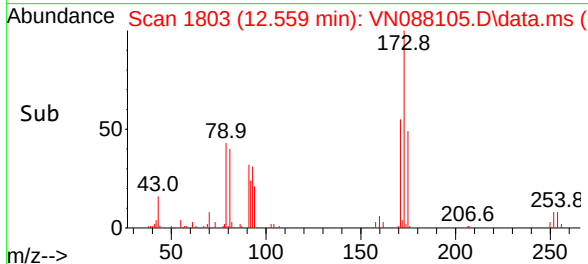
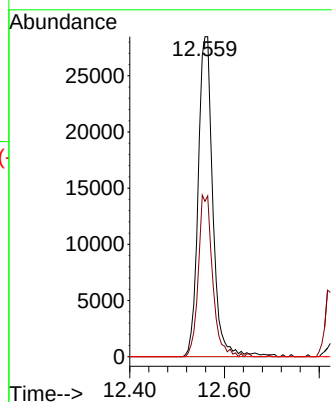
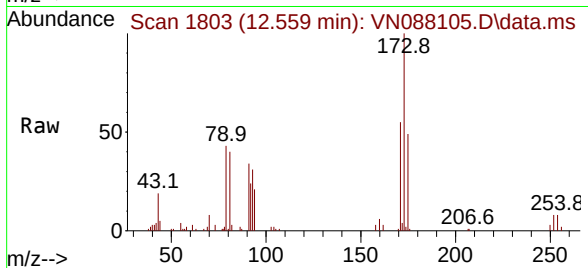
Tgt Ion:173 Resp: 61158

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

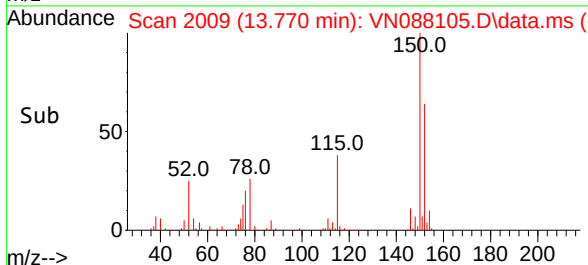
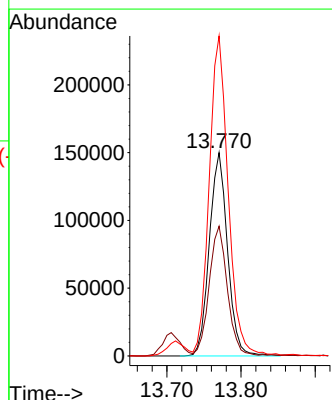
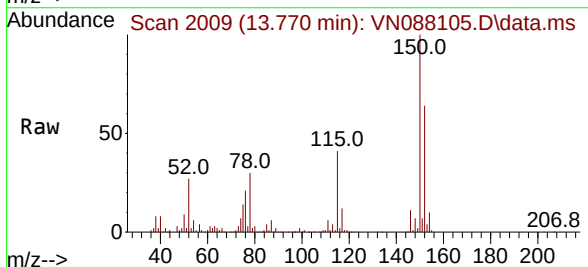
Tgt Ion:152 Resp: 256562

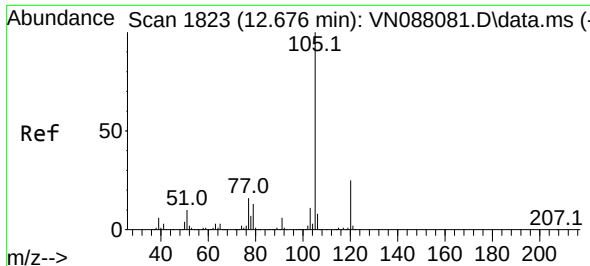
Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

150 162.2 0.0 351.0

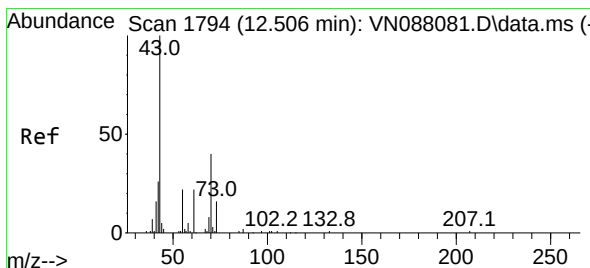
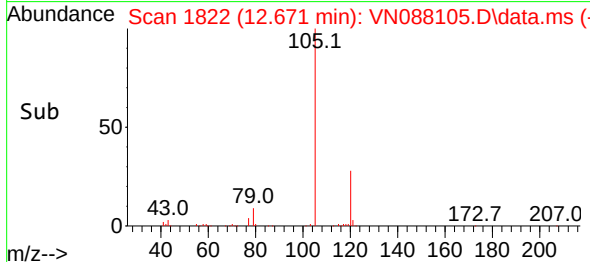
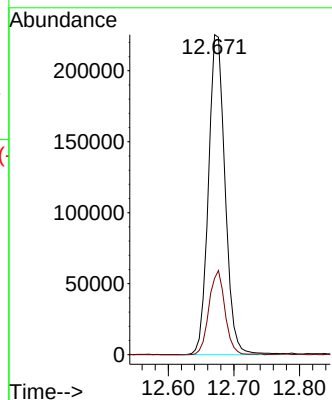
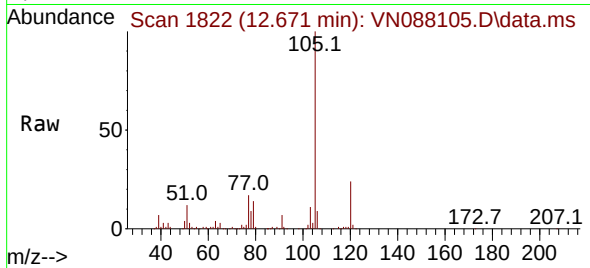




#73
Isopropylbenzene
Concen: 20.084 ug/l
RT: 12.671 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

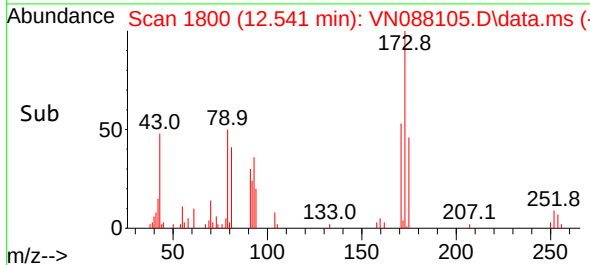
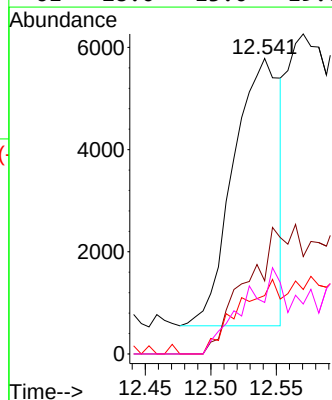
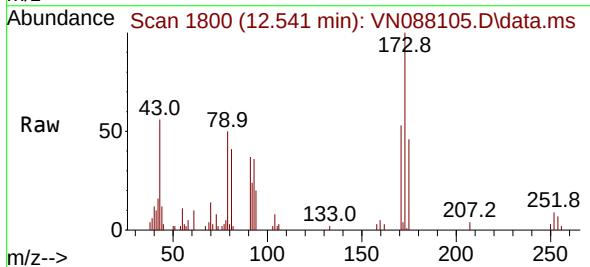
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

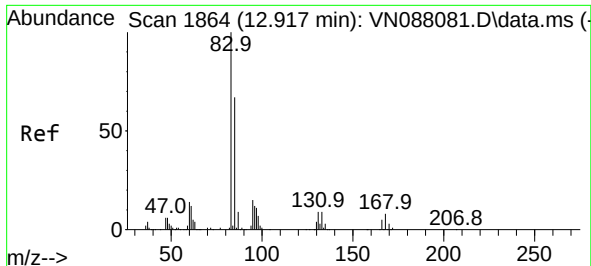
Tgt Ion:105 Resp: 397427
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3



#74
N-ethyl acetate
Concen: 2.294 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 43 Resp: 12884
Ion Ratio Lower Upper
43 100
70 42.5 27.6 41.4#
55 24.5 13.0 19.6#
61 28.0 13.0 19.6#

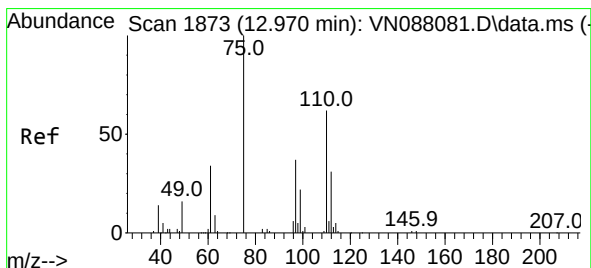
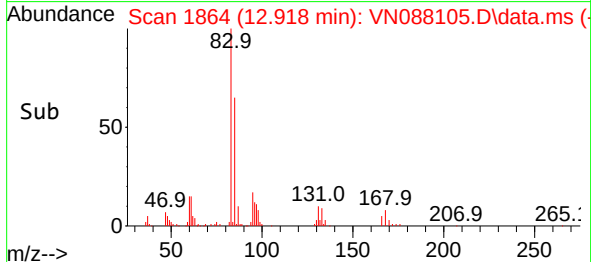
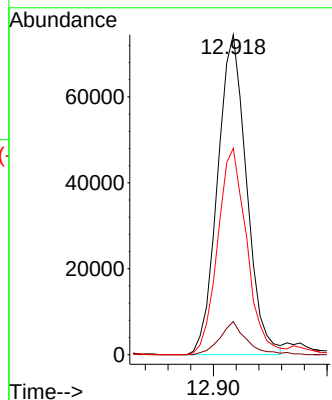
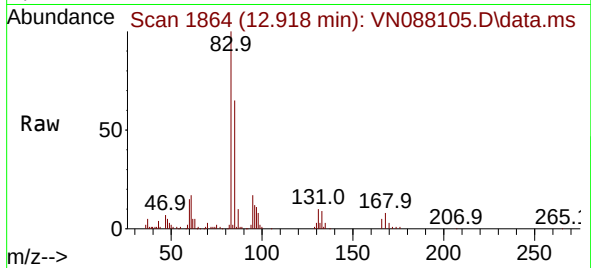




#75
 1,1,2-Tetrachloroethane
 Concen: 21.456 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

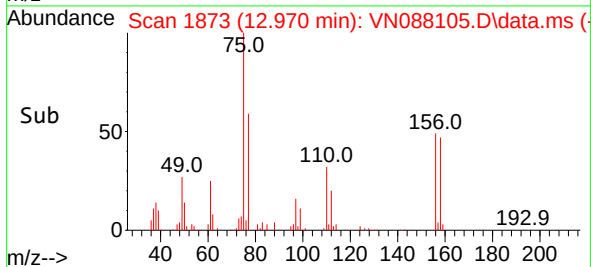
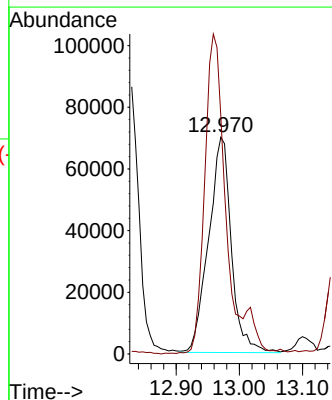
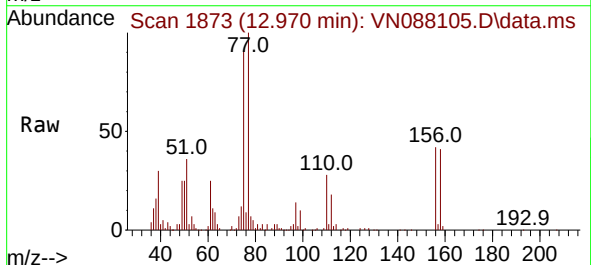
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

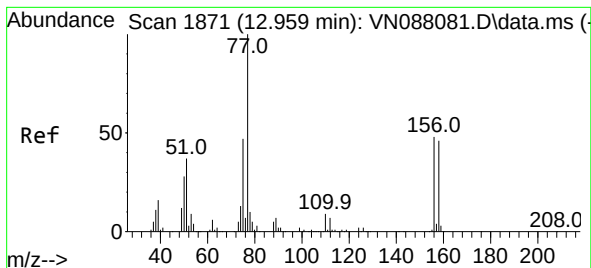
Tgt Ion: 83 Resp: 132181
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 29.787 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 75 Resp: 174723
 Ion Ratio Lower Upper
 75 100
 77 130.8 89.1 267.4





#77

Bromobenzene

Concen: 21.683 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

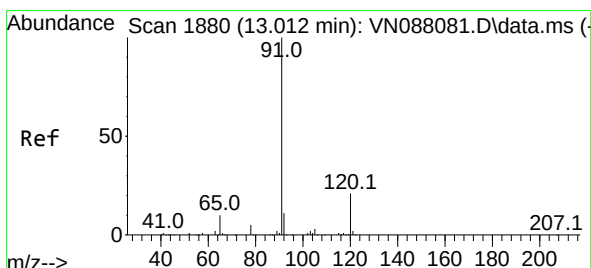
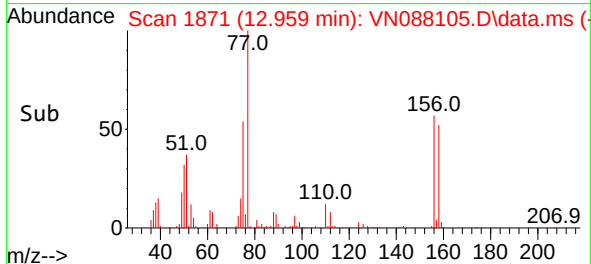
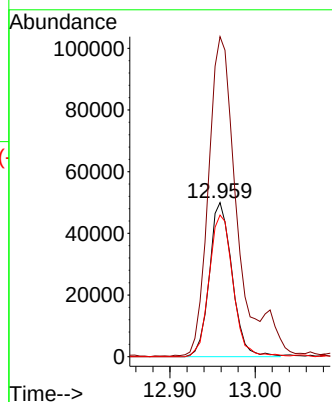
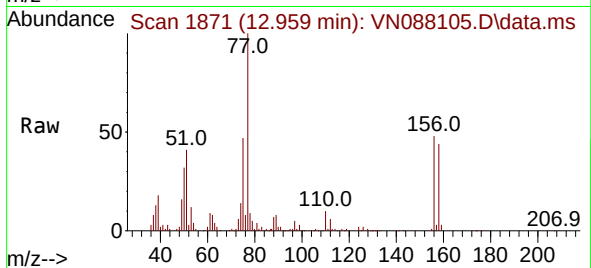
Tgt Ion:156 Resp: 92521

Ion Ratio Lower Upper

156 100

77 246.9 119.3 358.0

158 96.3 48.2 144.6



#78

n-propylbenzene

Concen: 20.404 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088105.D

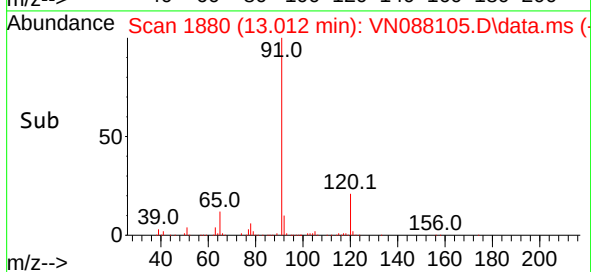
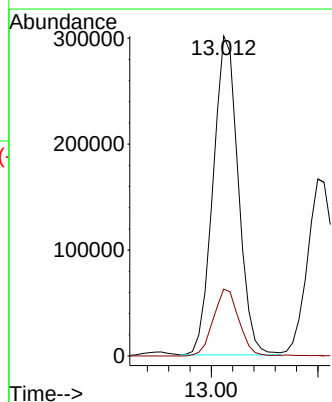
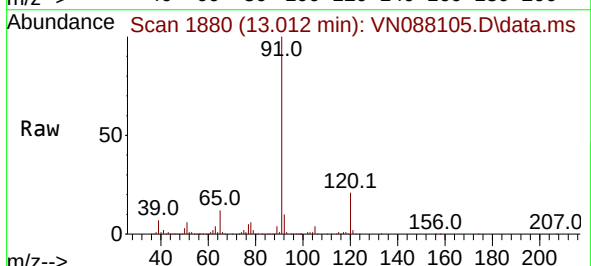
Acq: 27 Oct 2025 11:55

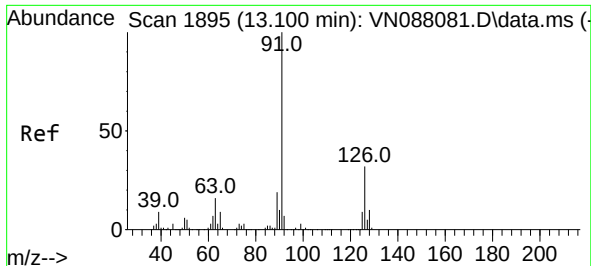
Tgt Ion: 91 Resp: 492713

Ion Ratio Lower Upper

91 100

120 21.3 10.7 32.1

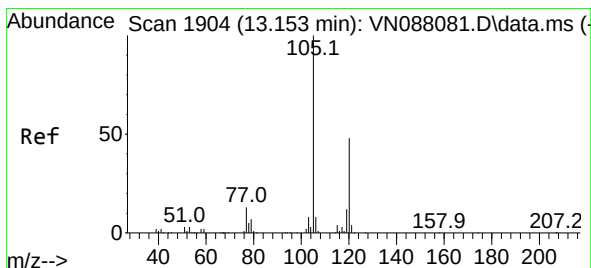
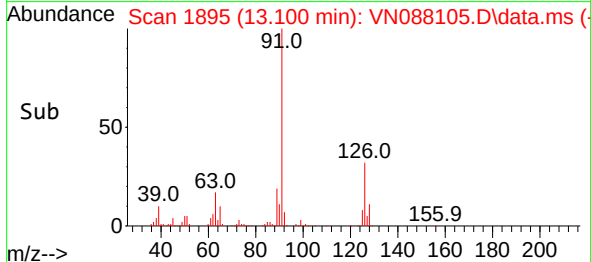
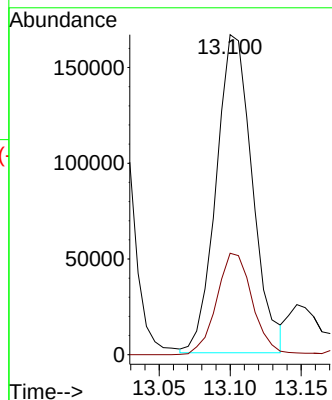
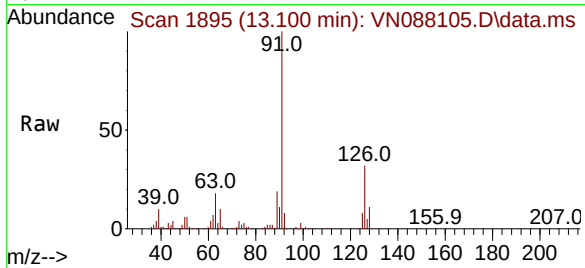




#79
2-Chlorotoluene
Concen: 21.413 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

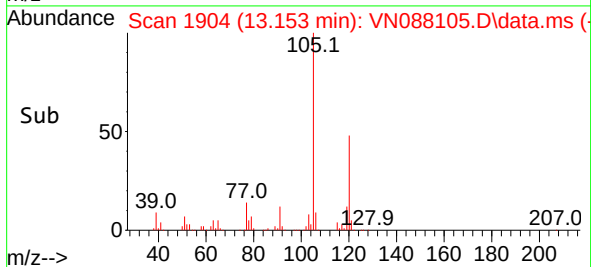
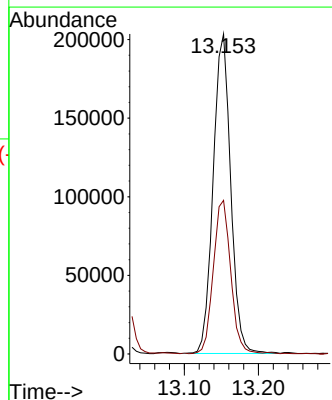
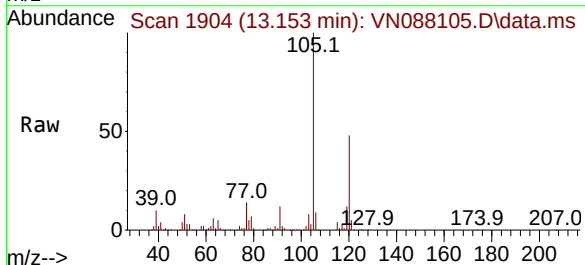
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

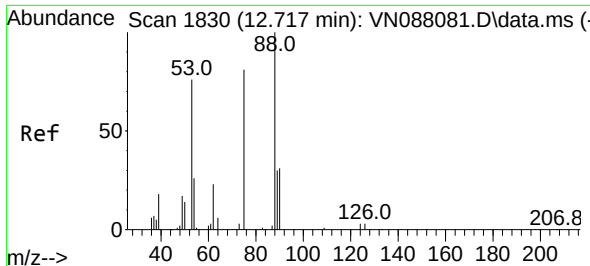
Tgt Ion: 91 Resp: 294890
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:105 Resp: 333799
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6

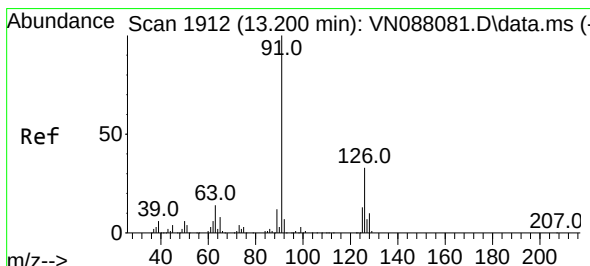
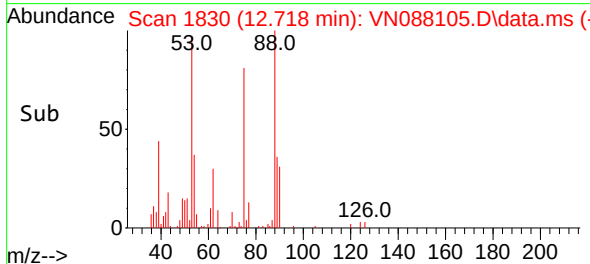
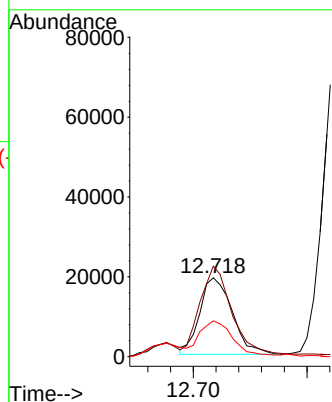
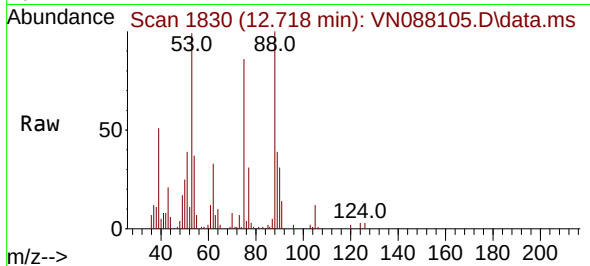




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.156 ug/l
 RT: 12.718 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

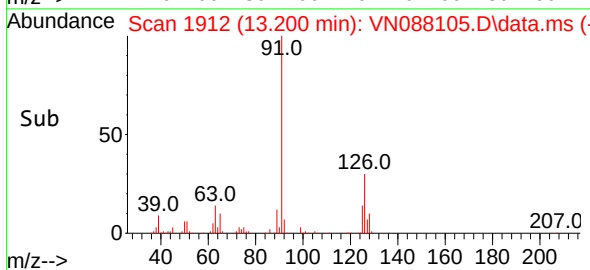
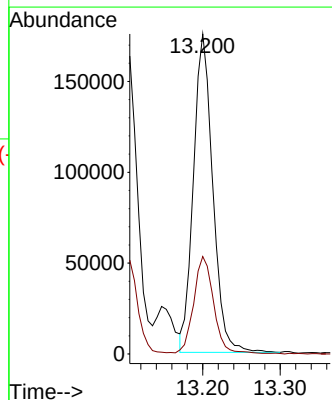
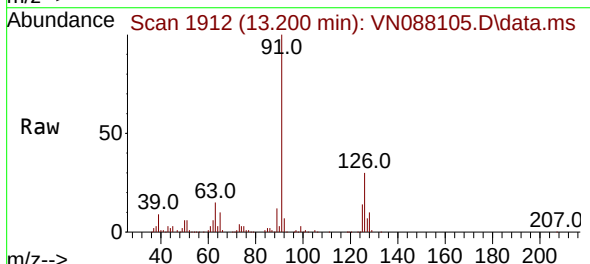
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

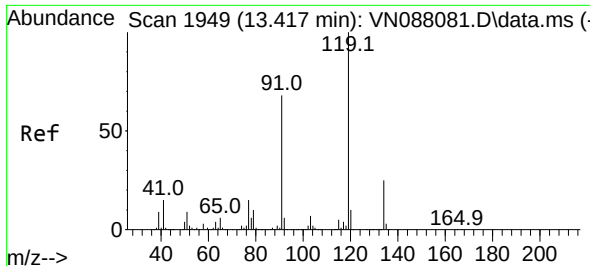
Tgt Ion: 75 Resp: 38179
 Ion Ratio Lower Upper
 75 100
 53 113.7 101.8 152.6
 89 44.7 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 20.367 ug/l
 RT: 13.200 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion: 91 Resp: 303454
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.6 46.8

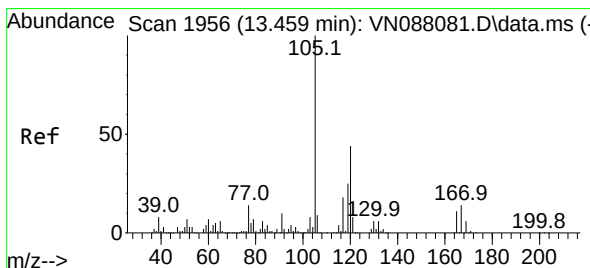
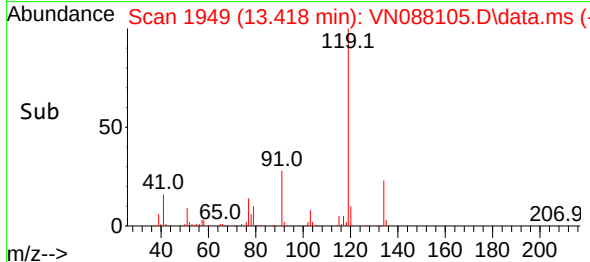
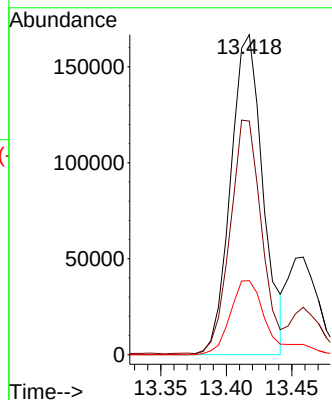
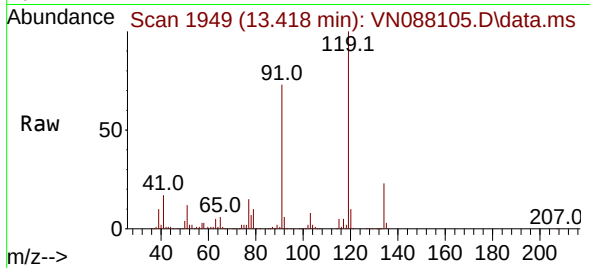




#83
 tert-Butylbenzene
 Concen: 19.516 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

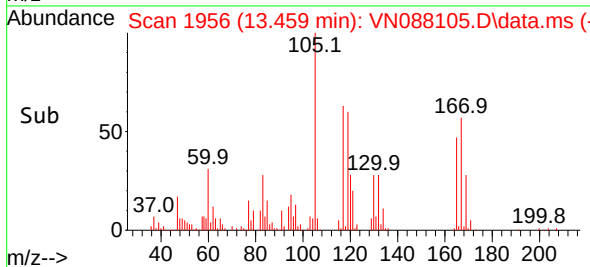
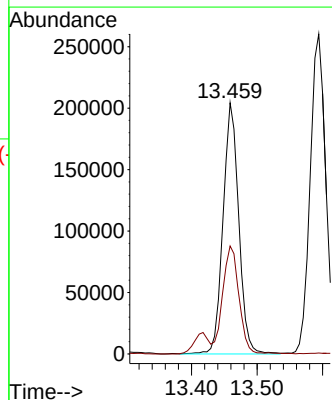
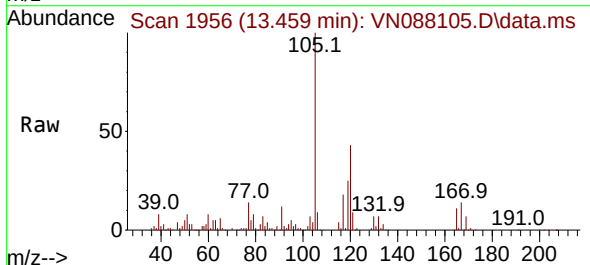
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

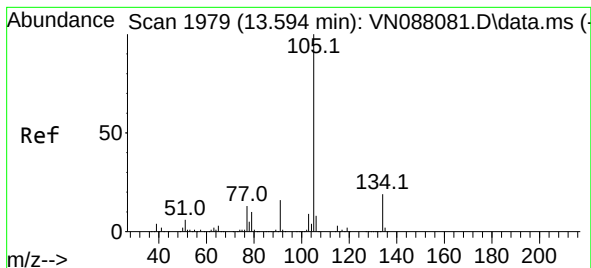
Tgt Ion:119 Resp: 286500
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.0 105.0
 134 26.6 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.625 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion:105 Resp: 339120
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.904 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

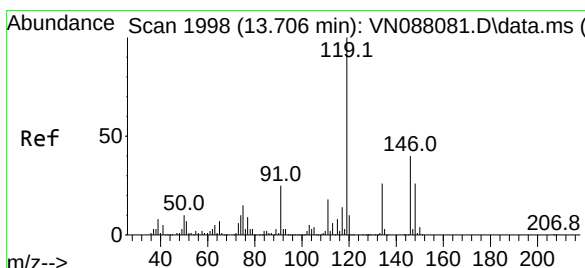
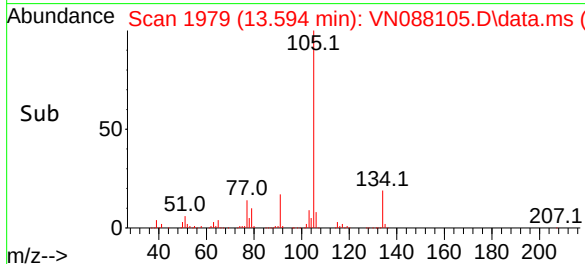
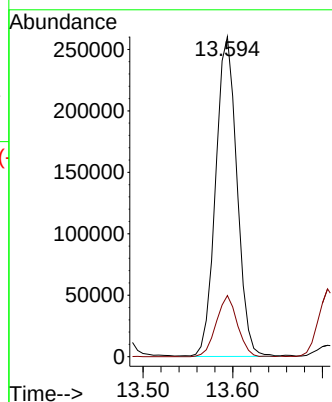
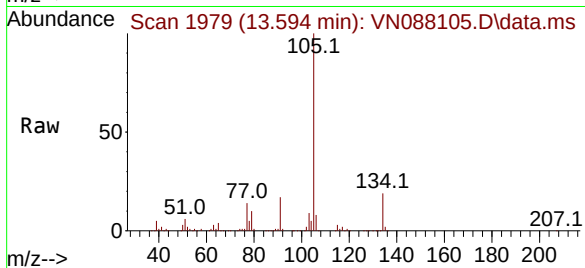
VN1027WBS01

Tgt Ion:105 Resp: 429310

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6



#86

p-Isopropyltoluene

Concen: 20.495 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

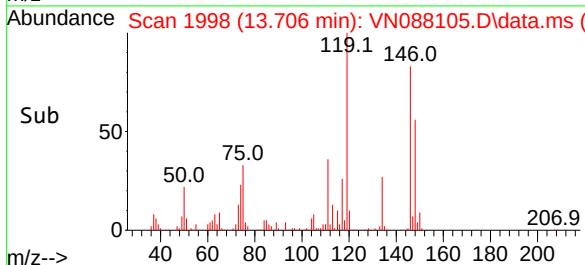
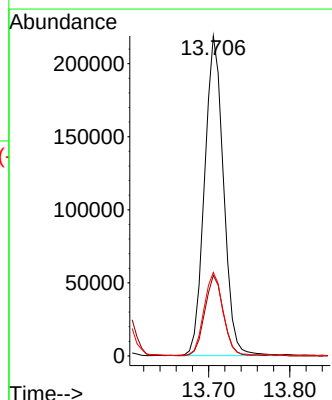
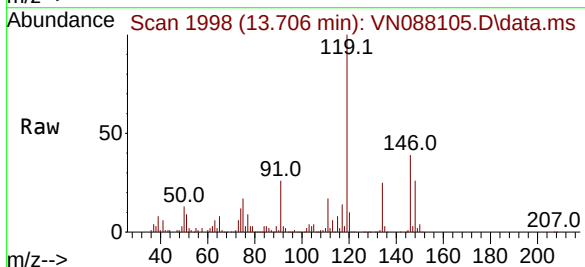
Tgt Ion:119 Resp: 354614

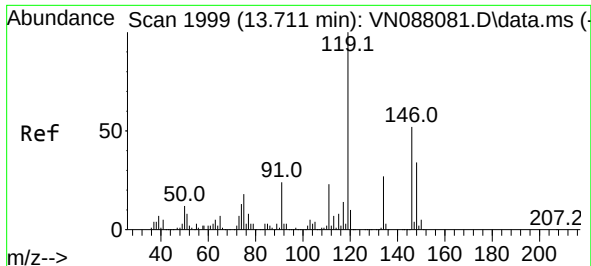
Ion Ratio Lower Upper

119 100

134 24.6 12.7 38.0

91 25.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.784 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

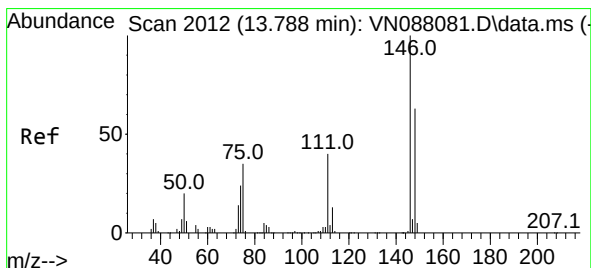
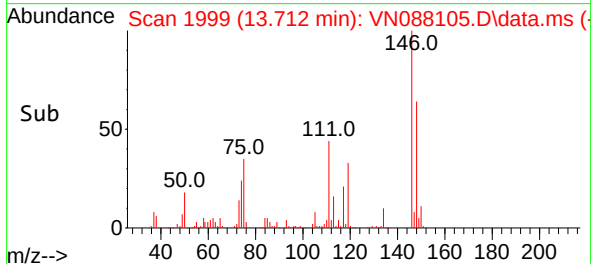
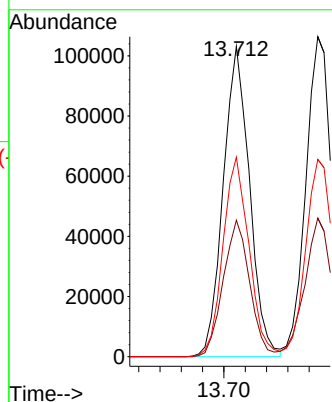
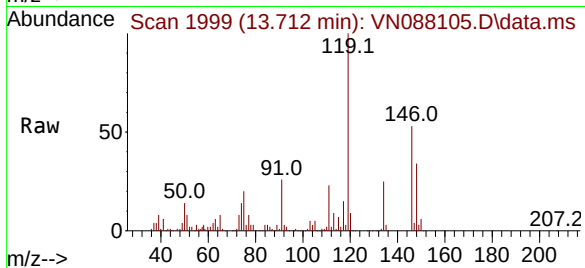
Tgt Ion:146 Resp: 177044

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.5

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.120 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

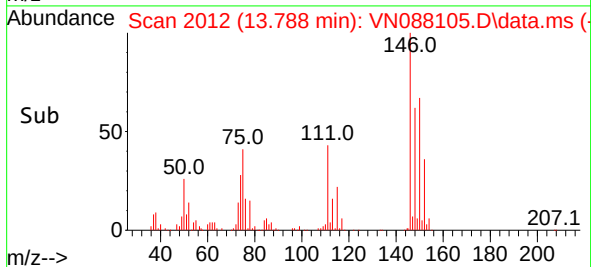
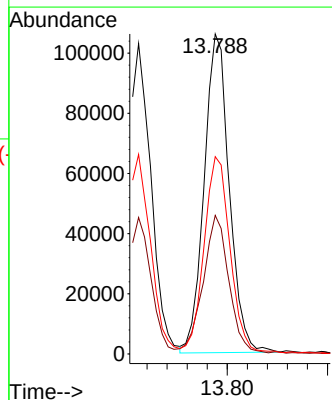
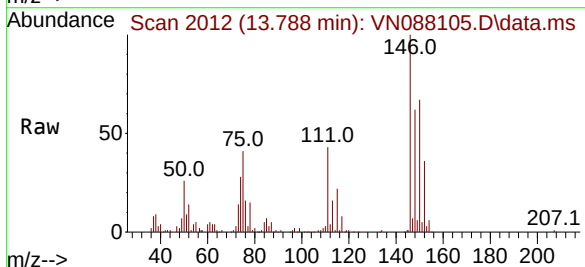
Tgt Ion:146 Resp: 184081

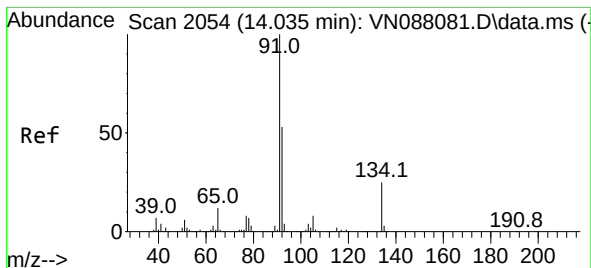
Ion Ratio Lower Upper

146 100

111 44.4 21.0 63.0

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 20.072 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

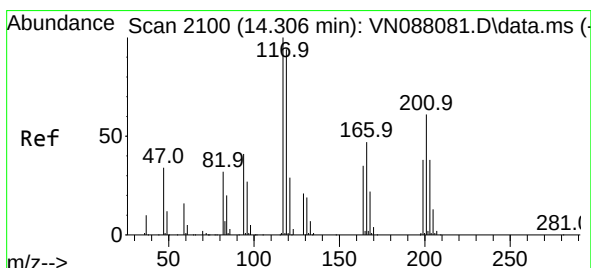
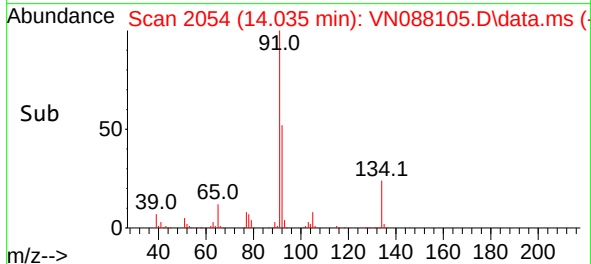
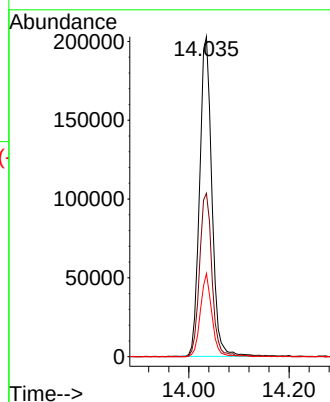
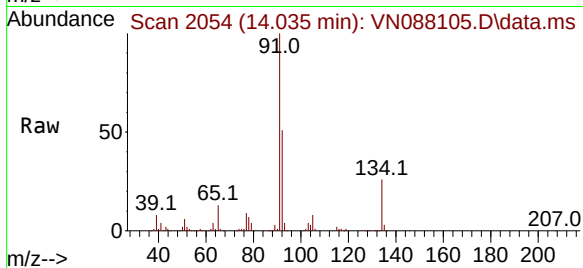
Tgt Ion: 91 Resp: 344021

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.4 11.7 35.0



#90

Hexachloroethane

Concen: 19.892 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088105.D

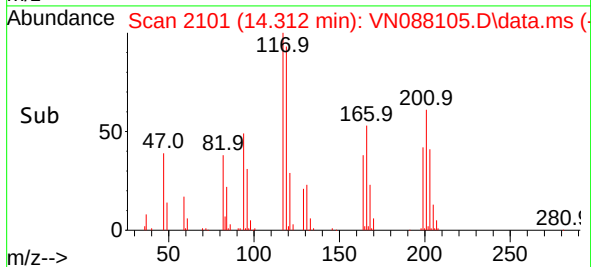
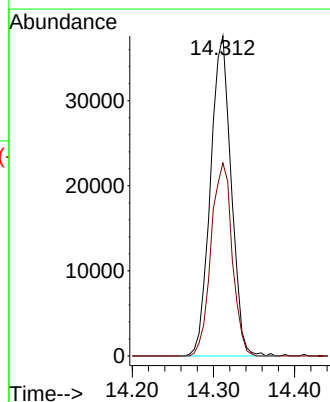
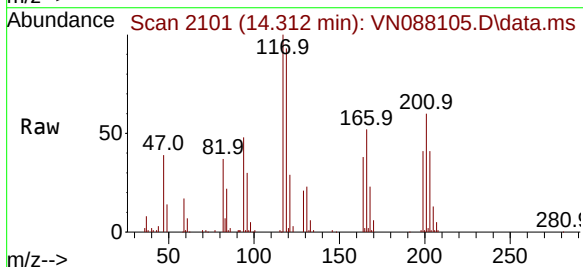
Acq: 27 Oct 2025 11:55

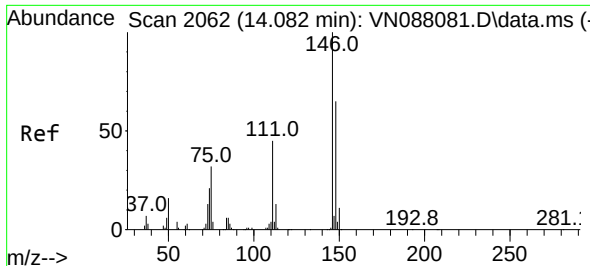
Tgt Ion: 117 Resp: 66650

Ion Ratio Lower Upper

117 100

201 61.4 29.1 87.4

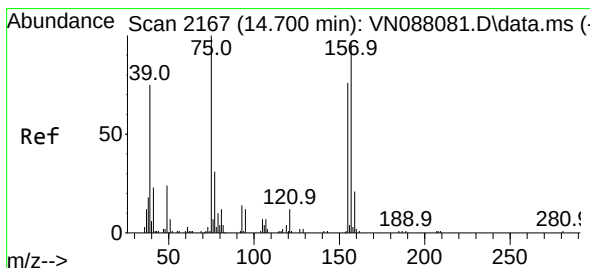
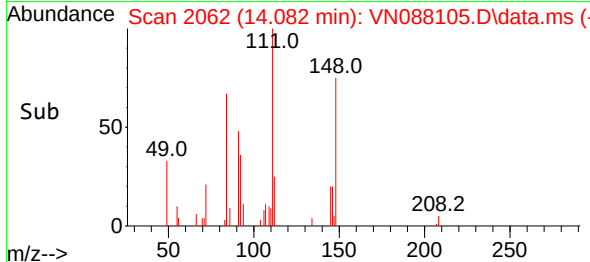
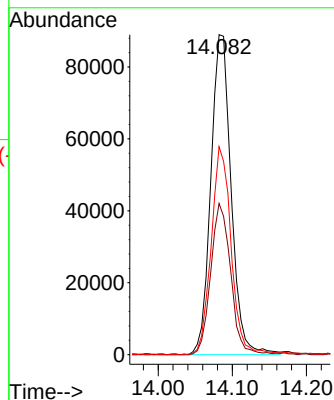
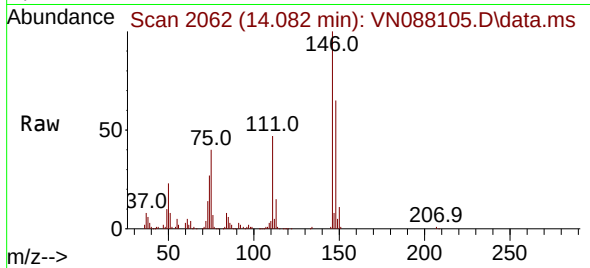




#91
1,2-Dichlorobenzene
Concen: 20.657 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

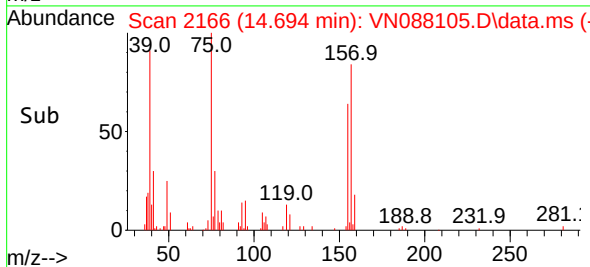
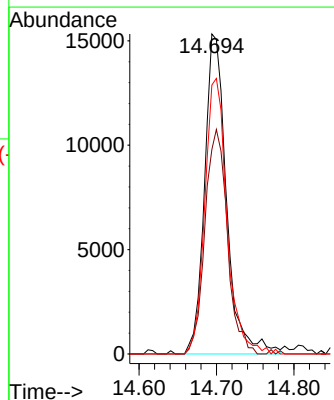
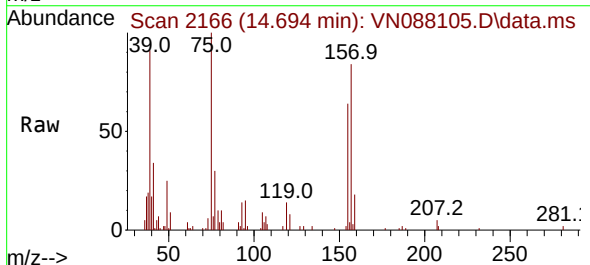
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

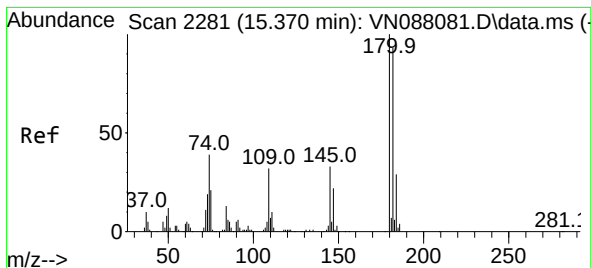
Tgt Ion:146 Resp: 169616
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.8
148 63.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.041 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 75 Resp: 30171
Ion Ratio Lower Upper
75 100
155 71.5 36.6 109.9
157 86.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.665 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

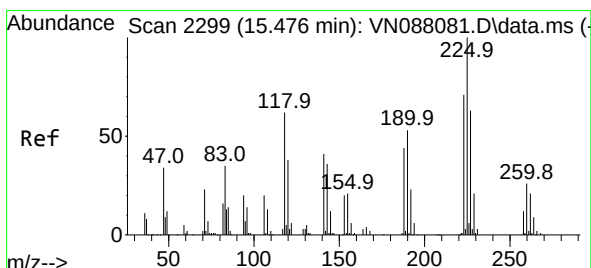
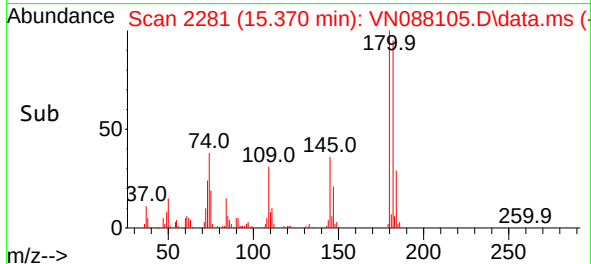
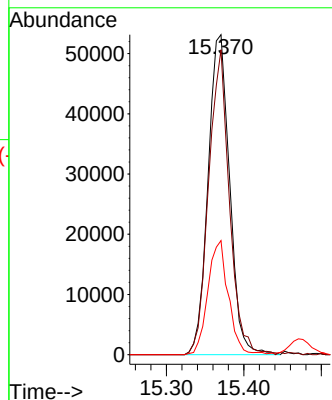
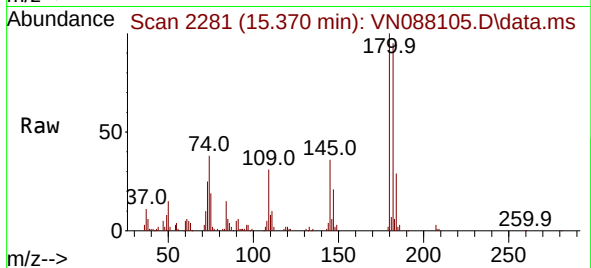
Tgt Ion:180 Resp: 102766

Ion Ratio Lower Upper

180 100

182 91.5 47.6 142.9

145 33.9 16.5 49.5



#94

Hexachlorobutadiene

Concen: 20.924 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

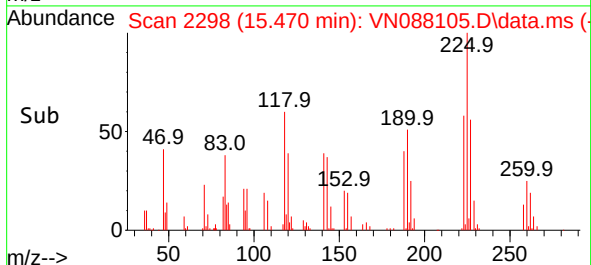
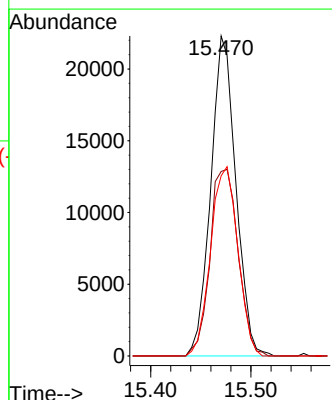
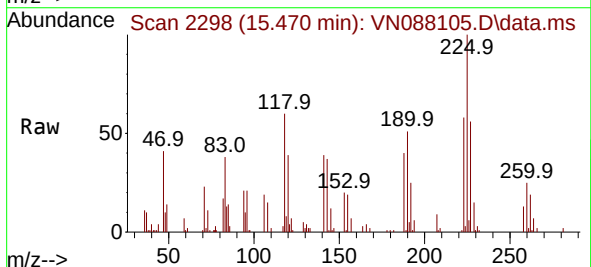
Tgt Ion:225 Resp: 38748

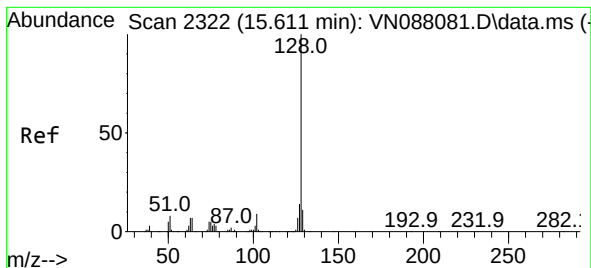
Ion Ratio Lower Upper

225 100

223 65.4 32.0 96.2

227 64.2 32.1 96.5





#95

Naphthalene

Concen: 19.878 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

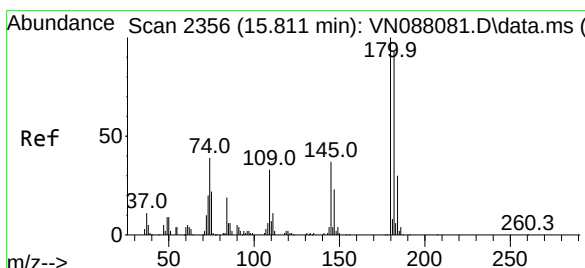
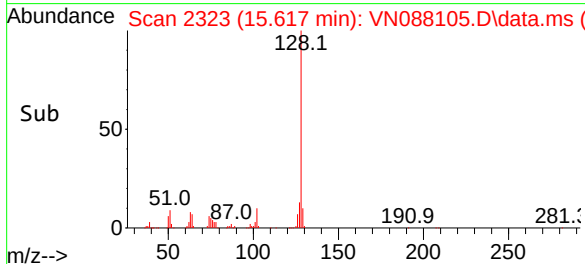
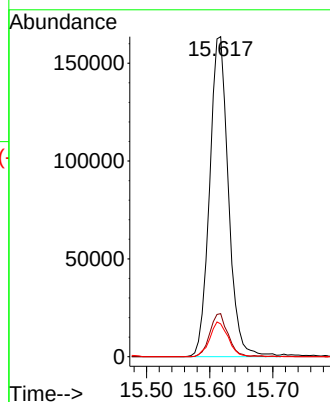
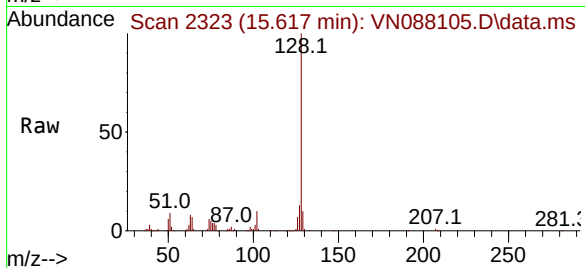
Tgt Ion:128 Resp: 338638

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.498 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Tgt Ion:180 Resp: 97739

Ion Ratio Lower Upper

180 100

182 96.3 46.8 140.3

145 35.9 17.3 52.0

