

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088247.D
 Acq On : 11 Nov 2025 11:41
 Operator : JC\MD
 Sample : VN1111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Quant Time: Nov 12 01:12:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	269061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	495693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	434620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	216196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	248512	53.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.820%	
35) Dibromofluoromethane	8.153	113	170163	51.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.200%	
50) Toluene-d8	10.547	98	624820	48.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.829	95	226731	50.034	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	55726	18.361	ug/l	88
3) Chloromethane	2.383	50	65260	18.277	ug/l	98
4) Vinyl Chloride	2.536	62	71936	18.491	ug/l	94
5) Bromomethane	2.977	94	42641	18.325	ug/l	87
6) Chloroethane	3.142	64	48401	17.268	ug/l	100
7) Trichlorofluoromethane	3.512	101	111252	17.929	ug/l	91
8) Diethyl Ether	3.965	74	45135	19.572	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	61849	19.317	ug/l	97
10) Methyl Iodide	4.589	142	58339	19.937	ug/l	97
11) Tert butyl alcohol	5.518	59	84146	104.980	ug/l	99
12) 1,1-Dichloroethene	4.347	96	57775	17.084	ug/l	92
13) Acrolein	4.177	56	62400	69.210	ug/l	98
14) Allyl chloride	5.012	41	115409	19.470	ug/l	96
15) Acrylonitrile	5.706	53	235463	107.844	ug/l	98
16) Acetone	4.418	43	235321	100.676	ug/l	98
17) Carbon Disulfide	4.706	76	175798	17.101	ug/l	98
18) Methyl Acetate	5.018	43	113569	23.733	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	259538	20.898	ug/l	100
20) Methylene Chloride	5.265	84	76689	19.545	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	67648	18.224	ug/l	88
22) Diisopropyl ether	6.659	45	268726	21.557	ug/l	98
23) Vinyl Acetate	6.589	43	1199040	106.780	ug/l	98
24) 1,1-Dichloroethane	6.553	63	142737	20.671	ug/l	98
25) 2-Butanone	7.465	43	338918	110.025	ug/l	95
26) 2,2-Dichloropropane	7.471	77	120096	19.138	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	83207	19.471	ug/l	95
28) Bromochloromethane	7.800	49	75325	23.086	ug/l	96
29) Tetrahydrofuran	7.824	42	205436	102.335	ug/l	99
30) Chloroform	7.947	83	145705	21.121	ug/l	100
31) Cyclohexane	8.235	56	122140	18.754	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	121746	19.815	ug/l	98
36) 1,1-Dichloropropene	8.353	75	97627	20.078	ug/l	98
37) Ethyl Acetate	7.547	43	128261	20.441	ug/l	98
38) Carbon Tetrachloride	8.341	117	101298	20.171	ug/l	99
39) Methylcyclohexane	9.577	83	107754	17.241	ug/l	98
40) Benzene	8.582	78	297626	20.099	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	70093	21.224	ug/l	98
42) 1,2-Dichloroethane	8.653	62	121831	23.155	ug/l	99
43) Isopropyl Acetate	8.671	43	209385	21.716	ug/l	99
44) Trichloroethene	9.330	130	67429	19.481	ug/l	100
45) 1,2-Dichloropropane	9.600	63	79453	21.253	ug/l	97
46) Dibromomethane	9.688	93	58860	22.076	ug/l	98
47) Bromodichloromethane	9.865	83	114785	21.503	ug/l	99
48) Methyl methacrylate	9.665	41	97465	21.895	ug/l	99
49) 1,4-Dioxane	9.682	88	25453	459.733	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	647328	113.487	ug/l	100
52) Toluene	10.606	92	181518	19.882	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	118737	20.899	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	124973	20.729	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	71133	20.536	ug/l	97
56) Ethyl methacrylate	10.853	69	116762	21.302	ug/l	97
57) 1,3-Dichloropropane	11.141	76	130213	21.388	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.135	63	308765	108.294	ug/l	99
59) 2-Hexanone	11.176	43	414127	109.445	ug/l	95
60) Dibromochloromethane	11.335	129	84173	21.380	ug/l	98
61) 1,2-Dibromoethane	11.447	107	73918	20.736	ug/l	99
64) Tetrachloroethene	11.082	164	54469	19.000	ug/l	94
65) Chlorobenzene	11.871	112	195783	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	67219	20.790	ug/l	98
67) Ethyl Benzene	11.941	91	341448	19.711	ug/l	98
68) m/p-Xylenes	12.047	106	259084	39.917	ug/l	99
69) o-Xylene	12.376	106	123074	20.003	ug/l	100
70) Styrene	12.388	104	204611	20.393	ug/l	98
71) Bromoform	12.553	173	50879	21.086	ug/l #	97
73) Isopropylbenzene	12.670	105	322638	19.349	ug/l	100
74) N-amyl acetate	12.541	43	8581	1.813	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.918	83	111965	21.568	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	145304	29.396	ug/l	62
77) Bromobenzene	12.959	156	73655	20.484	ug/l	96
78) n-propylbenzene	13.012	91	396726	19.496	ug/l	99
79) 2-Chlorotoluene	13.100	91	238531	20.555	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	271939	19.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	30161	17.021	ug/l #	93
82) 4-Chlorotoluene	13.200	91	250285	19.935	ug/l	99
83) tert-Butylbenzene	13.412	119	232917	18.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	277454	20.025	ug/l	98
85) sec-Butylbenzene	13.594	105	338805	18.641	ug/l	100
86) p-Isopropyltoluene	13.706	119	279835	19.193	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	147114	20.495	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	151888	19.701	ug/l	97
89) n-Butylbenzene	14.035	91	274317	18.994	ug/l	100
90) Hexachloroethane	14.306	117	53324	18.886	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	142122	20.540	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25627	21.209	ug/l	91
93) 1,2,4-Trichlorobenzene	15.364	180	81418	19.429	ug/l	98
94) Hexachlorobutadiene	15.470	225	30480	19.532	ug/l	98
95) Naphthalene	15.611	128	273010	19.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	75072	18.684	ug/l	99

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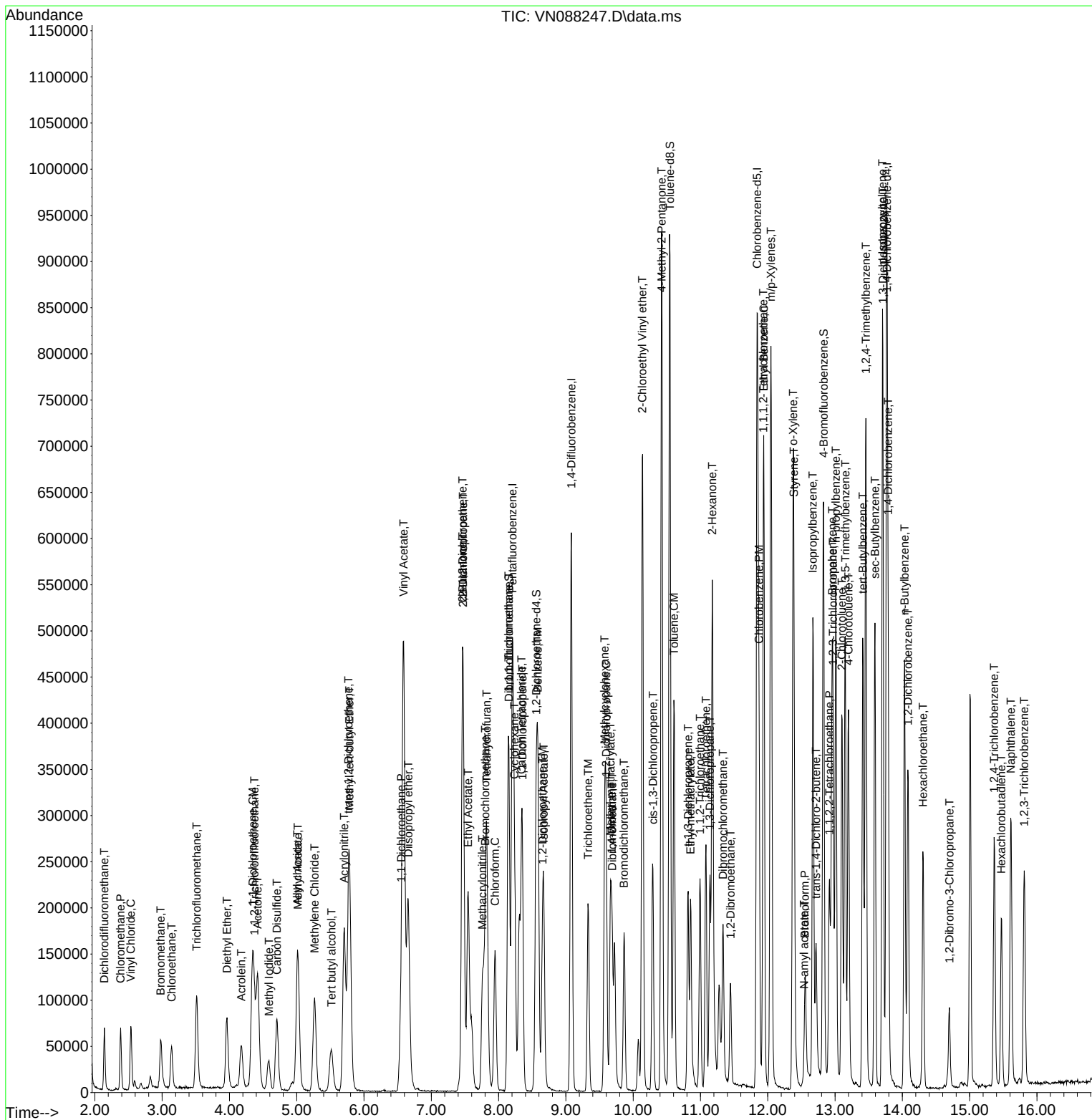
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

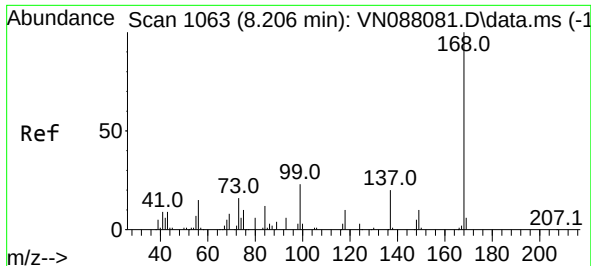
Quant Time: Nov 12 01:12:12 2025
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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

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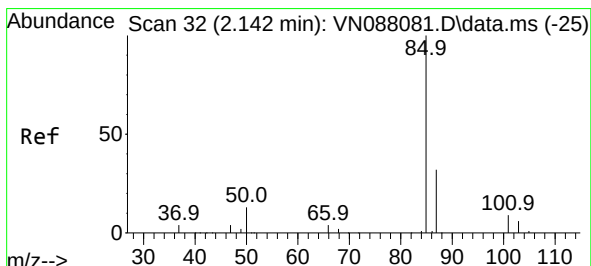
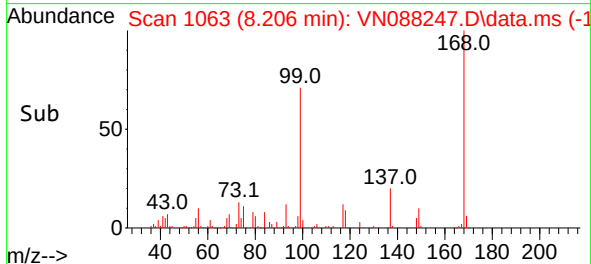
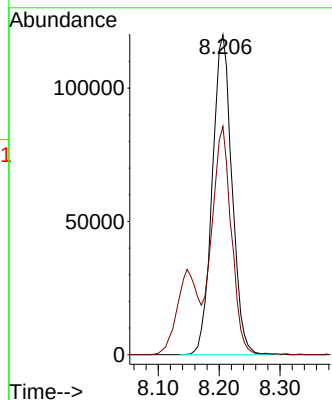
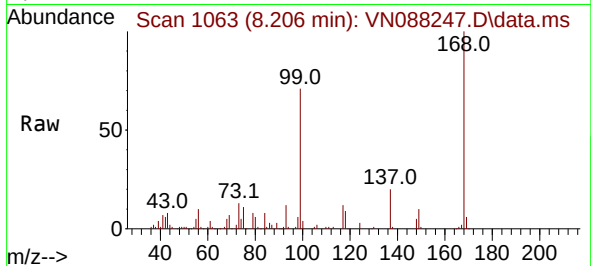




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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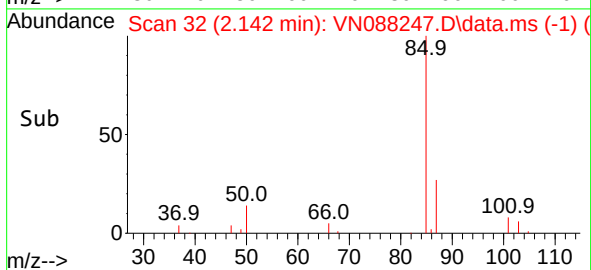
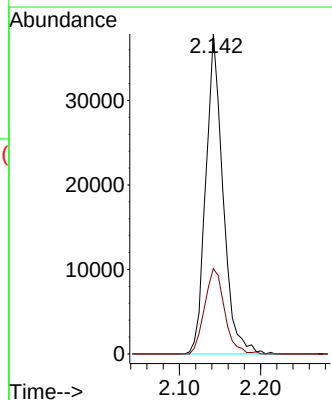
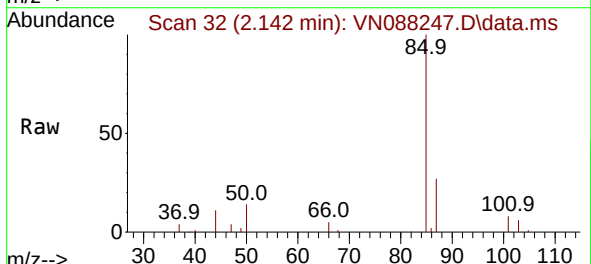
Instrument :
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VN1111WBSD01

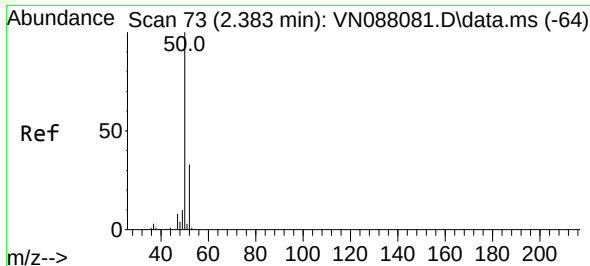
Tgt Ion:168 Resp: 269061
Ion Ratio Lower Upper
168 100
99 71.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 18.361 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 85 Resp: 55726
Ion Ratio Lower Upper
85 100
87 26.7 16.6 49.8

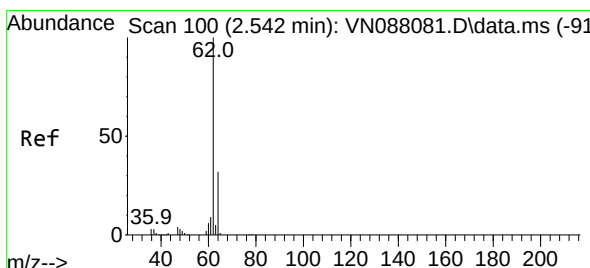
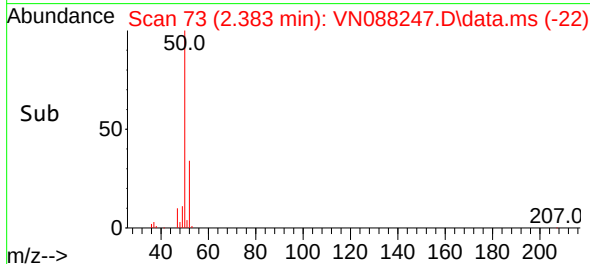
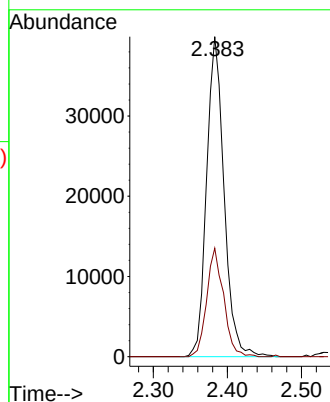
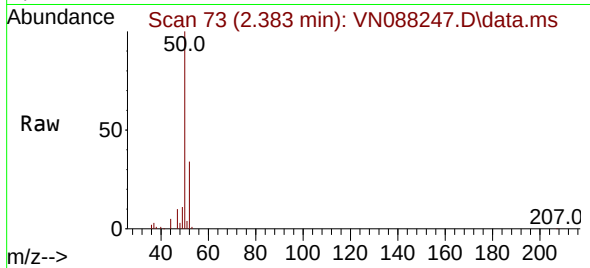




#3
Chloromethane
Concen: 18.277 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

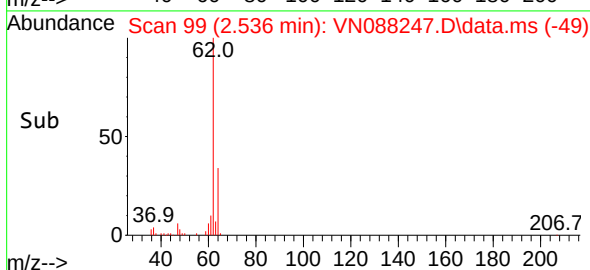
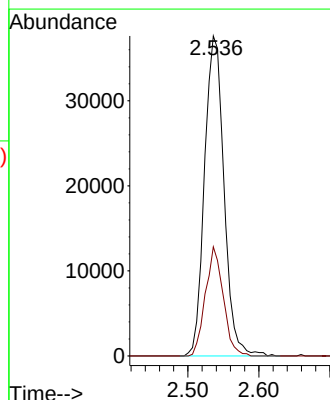
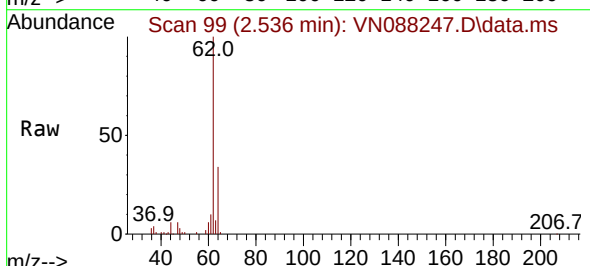
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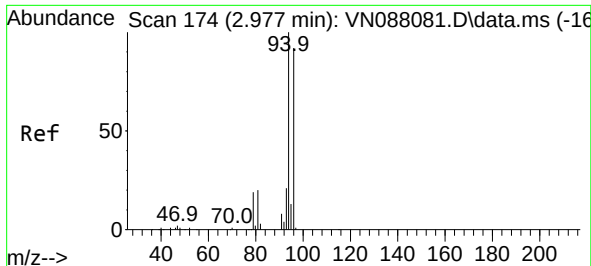
Tgt Ion: 50 Resp: 65260
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4



#4
Vinyl Chloride
Concen: 18.491 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 62 Resp: 71936
Ion Ratio Lower Upper
62 100
64 34.1 24.6 37.0

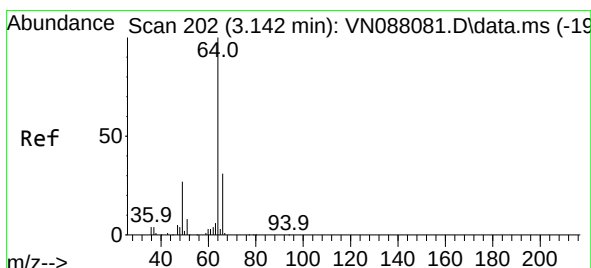
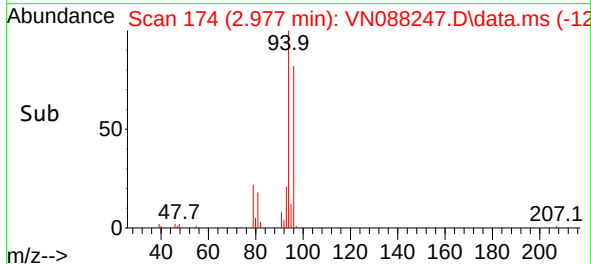
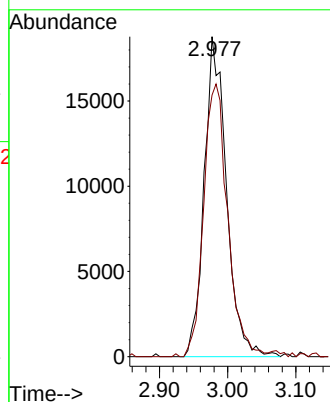
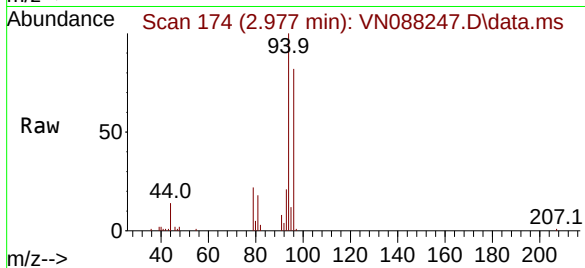




#5
Bromomethane
Concen: 18.325 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

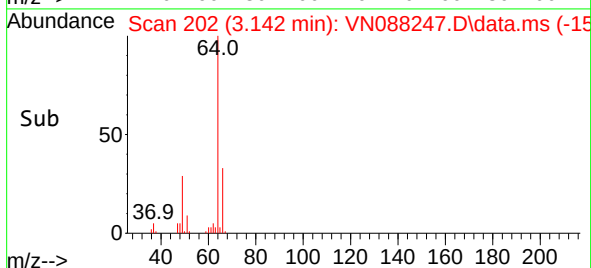
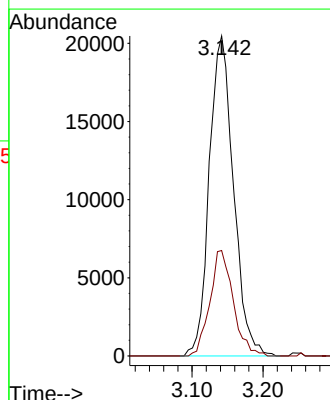
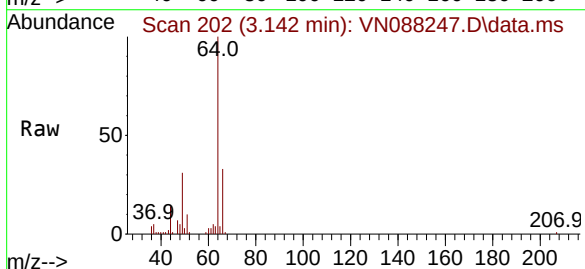
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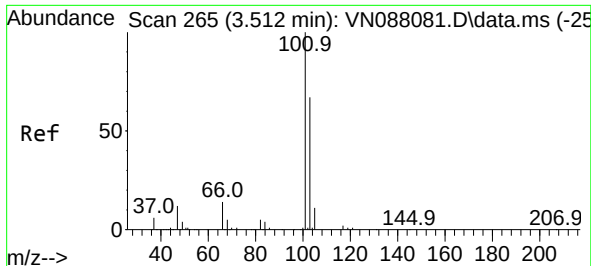
Tgt Ion: 94 Resp: 42641
Ion Ratio Lower Upper
94 100
96 81.8 75.4 113.2



#6
Chloroethane
Concen: 17.268 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 64 Resp: 48401
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.2

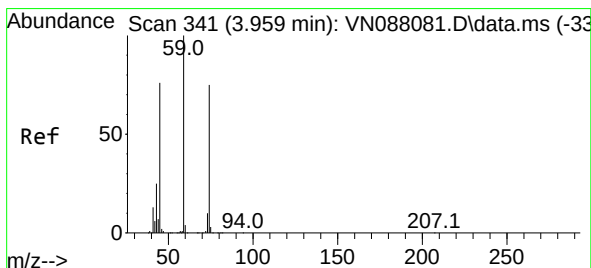
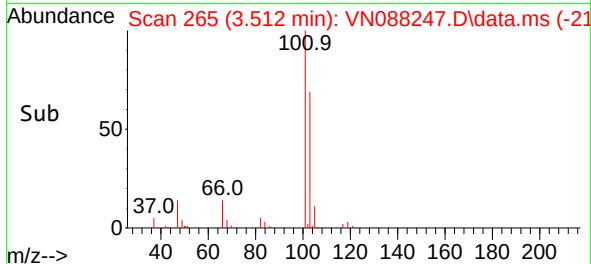
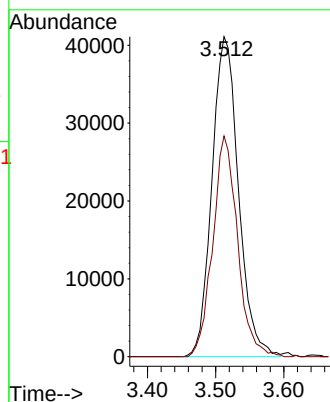
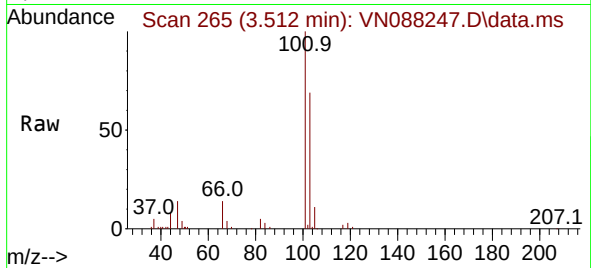




#7
 Trichlorofluoromethane
 Concen: 17.929 ug/l
 RT: 3.512 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VN088247.D
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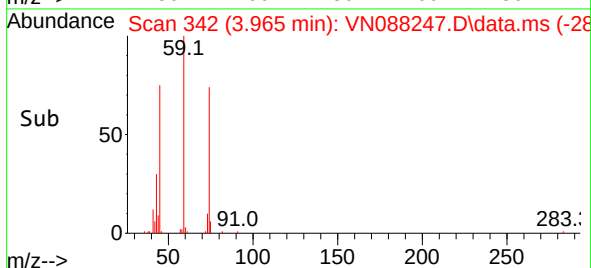
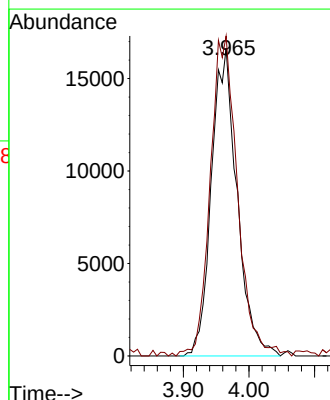
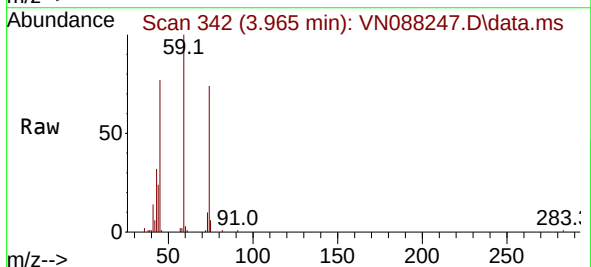
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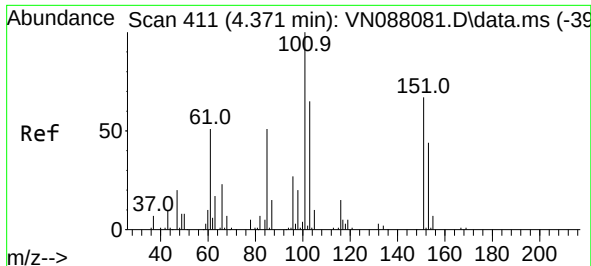
Tgt Ion:101 Resp: 111252
 Ion Ratio Lower Upper
 101 100
 103 68.9 49.4 74.0



#8
 Diethyl Ether
 Concen: 19.572 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088247.D
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Tgt Ion: 74 Resp: 45135
 Ion Ratio Lower Upper
 74 100
 45 110.5 50.6 151.9

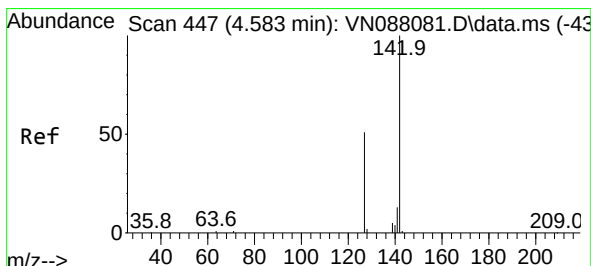
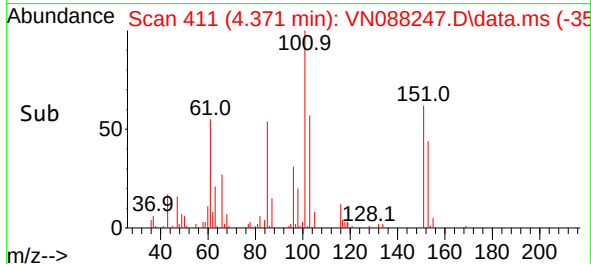
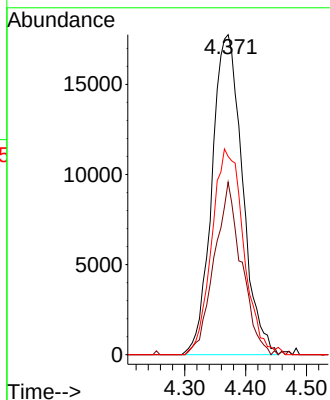
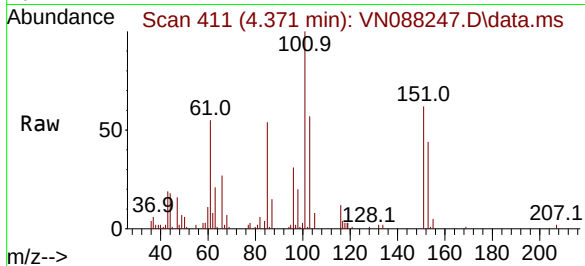




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.317 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
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Acq: 11 Nov 2025 11:41

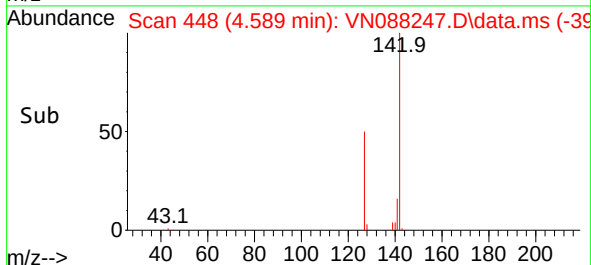
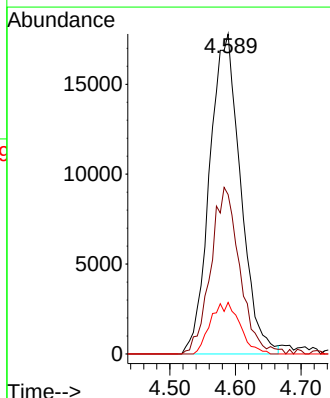
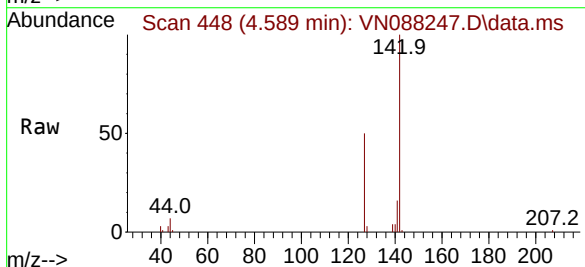
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

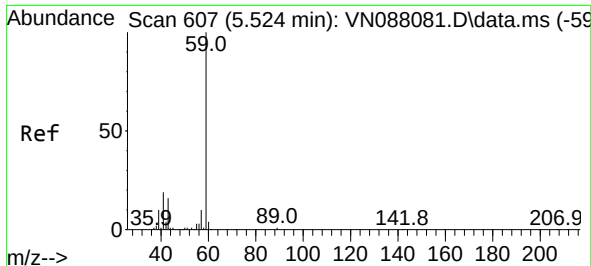
Tgt Ion:101 Resp: 61849
Ion Ratio Lower Upper
101 100
85 48.4 36.6 55.0
151 67.2 54.7 82.1



#10
Methyl Iodide
Concen: 19.937 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:142 Resp: 58339
Ion Ratio Lower Upper
142 100
127 49.8 38.0 57.0
141 16.1 12.0 18.0

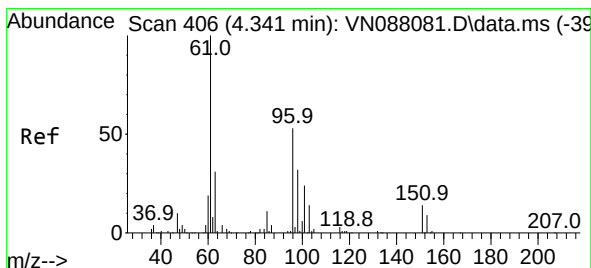
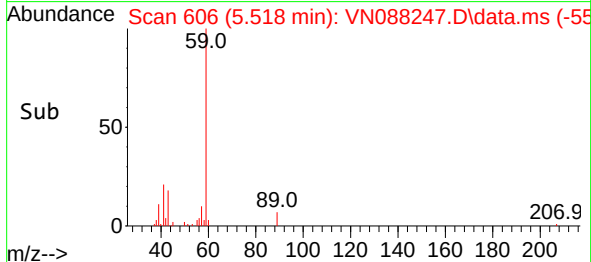
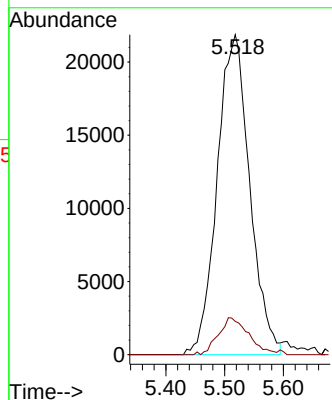
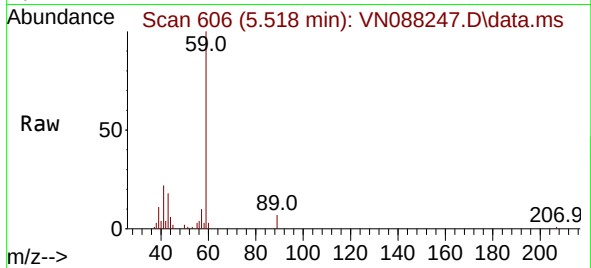




#11
Tert butyl alcohol
Concen: 104.980 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

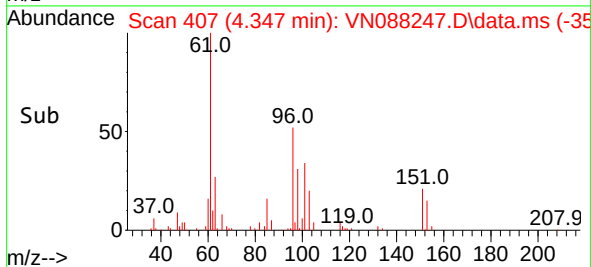
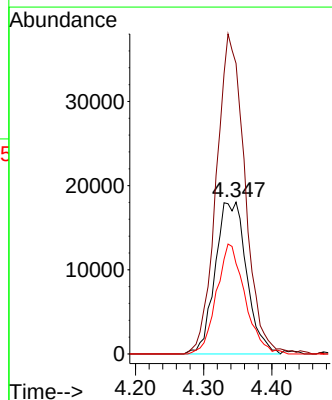
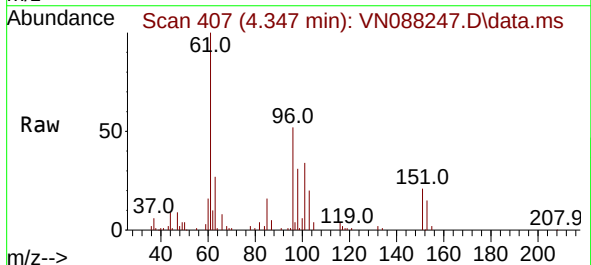
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

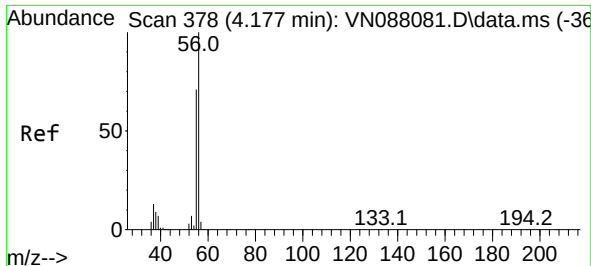
Tgt Ion: 59 Resp: 84146
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.084 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 96 Resp: 57775
Ion Ratio Lower Upper
96 100
61 191.3 143.8 215.8
98 59.6 52.1 78.1

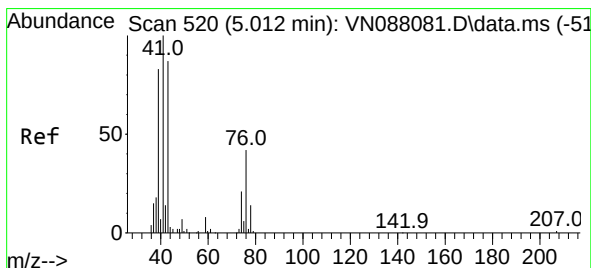
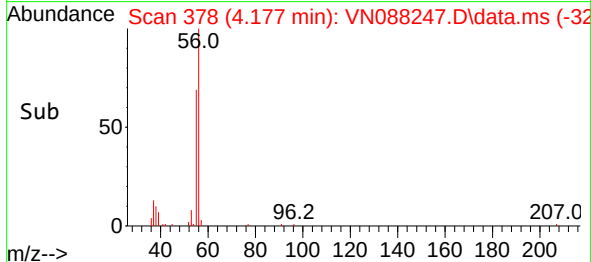
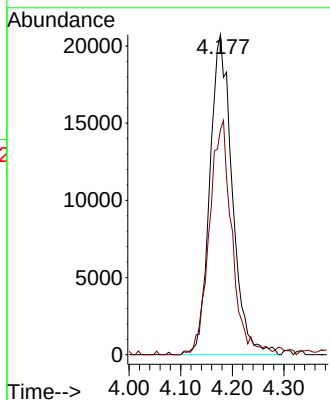
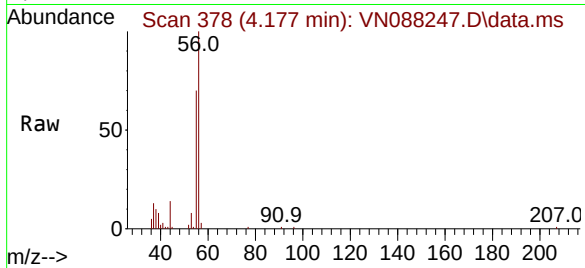




#13
Acrolein
Concen: 69.210 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

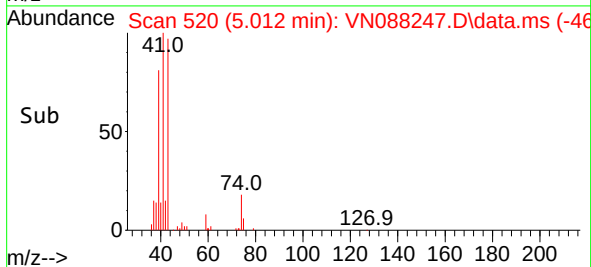
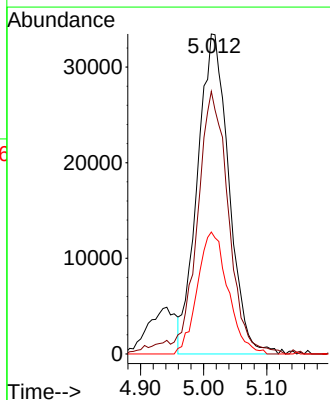
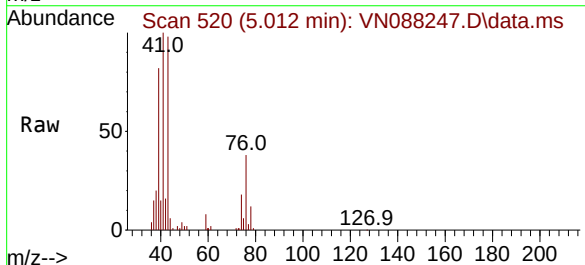
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

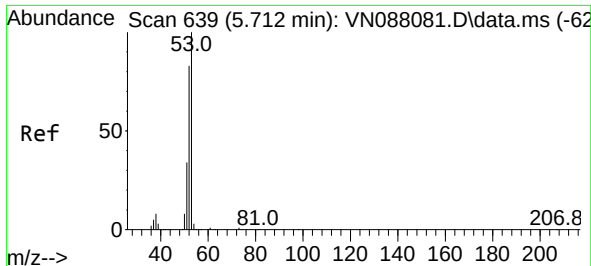
Tgt Ion: 56 Resp: 62400
Ion Ratio Lower Upper
56 100
55 73.4 57.3 85.9



#14
Allyl chloride
Concen: 19.470 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 41 Resp: 115409
Ion Ratio Lower Upper
41 100
39 83.5 63.9 95.9
76 37.1 28.1 42.1

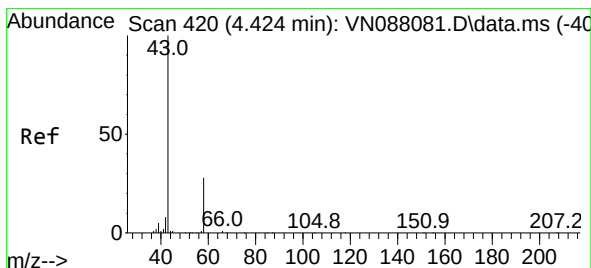
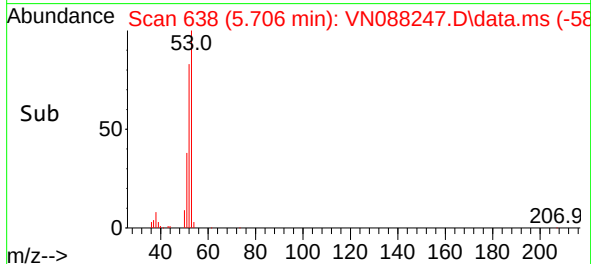
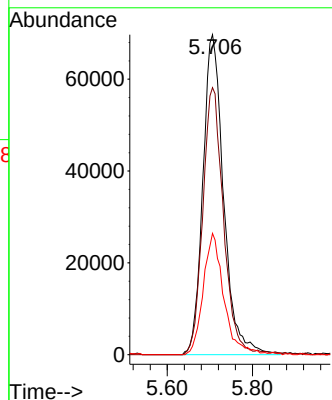
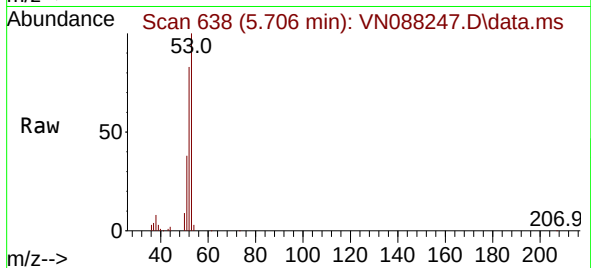




#15
Acrylonitrile
Concen: 107.844 ug/l
RT: 5.706 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

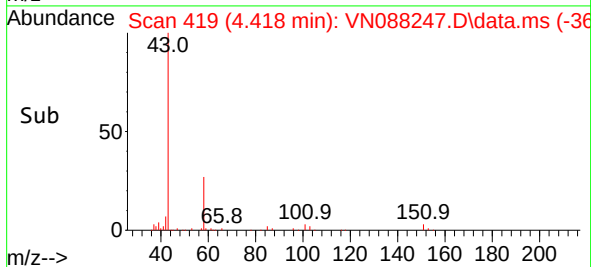
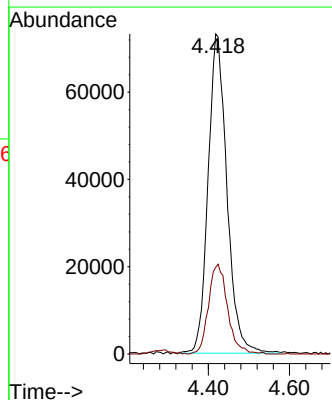
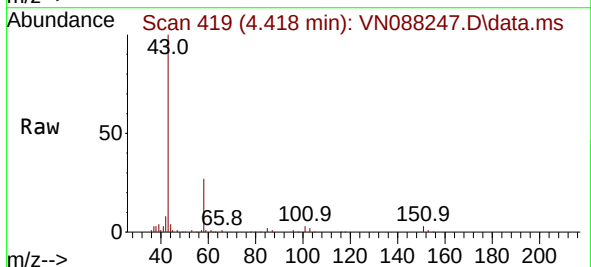
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

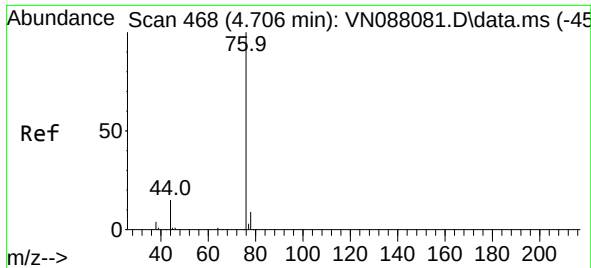
Tgt Ion: 53 Resp: 235463
Ion Ratio Lower Upper
53 100
52 82.5 67.6 101.4
51 37.5 30.1 45.1



#16
Acetone
Concen: 100.676 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 43 Resp: 235321
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8

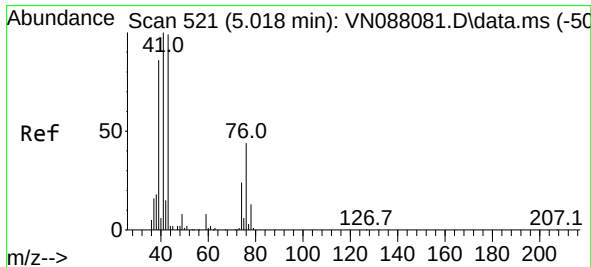
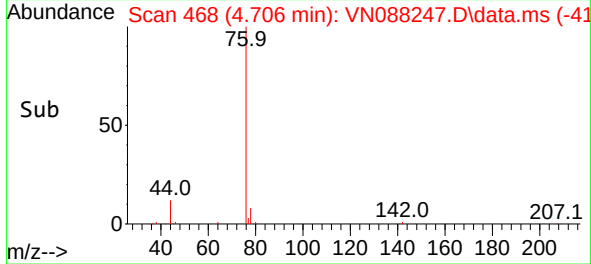
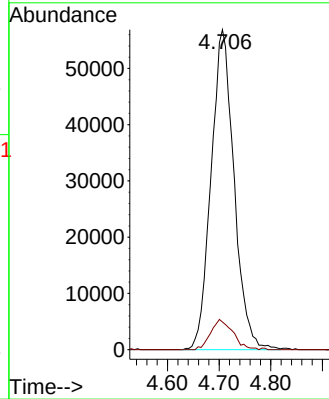
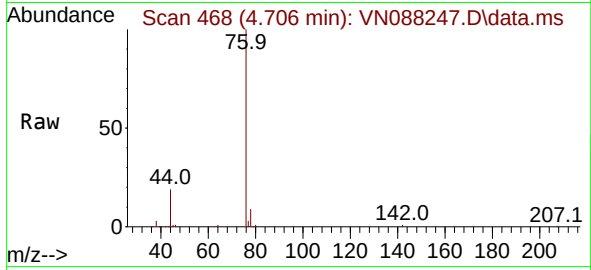




#17
Carbon Disulfide
Concen: 17.101 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

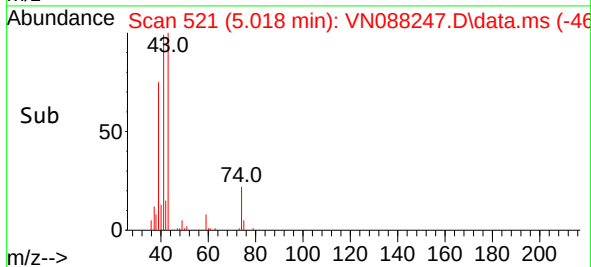
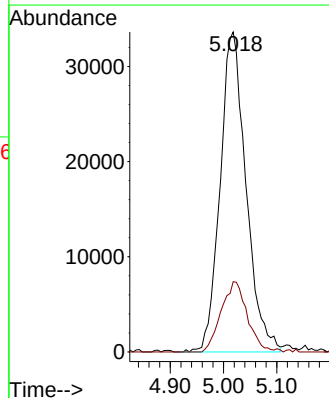
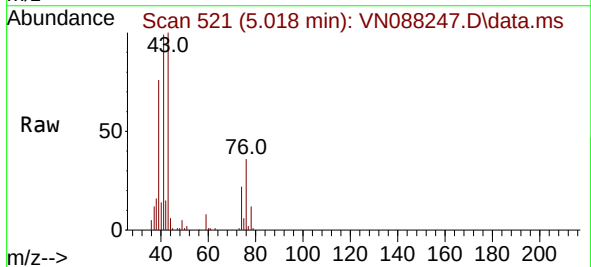
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

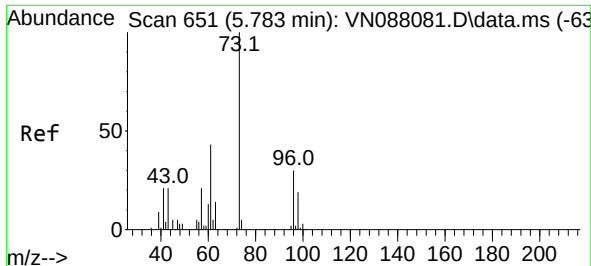
Tgt Ion: 76 Resp: 175798
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 23.733 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 43 Resp: 113569
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4

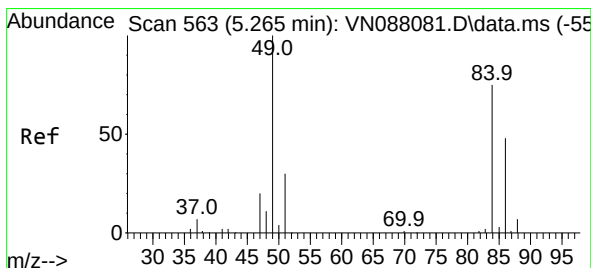
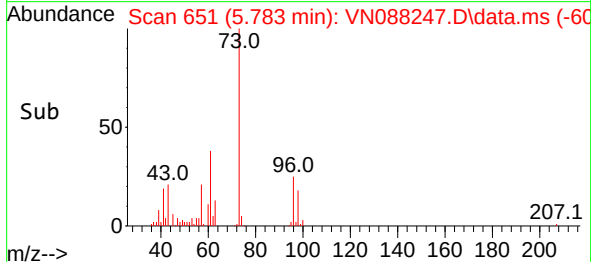
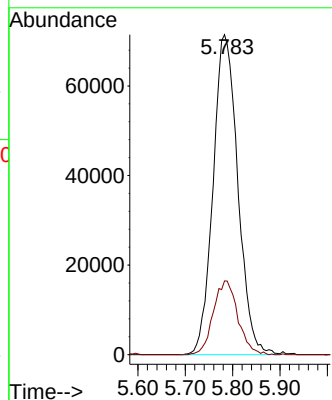
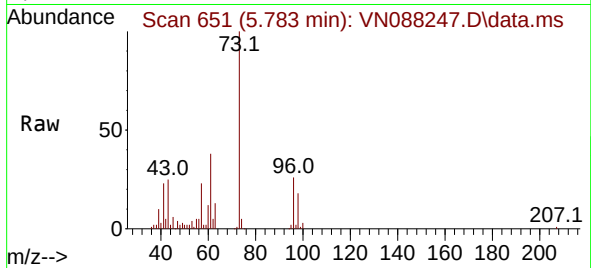




#19
Methyl tert-butyl Ether
Concen: 20.898 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

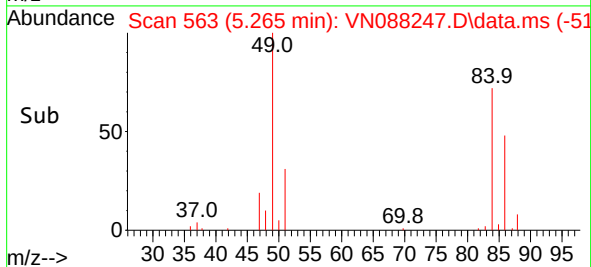
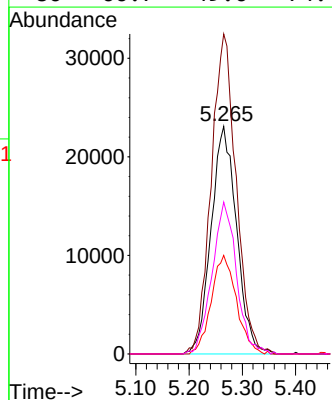
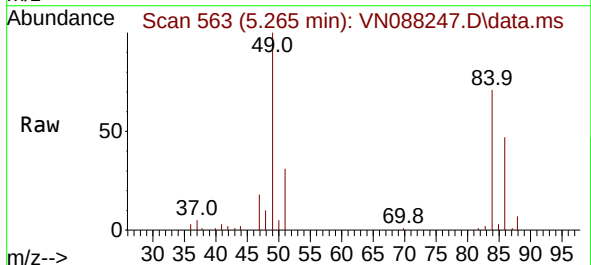
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

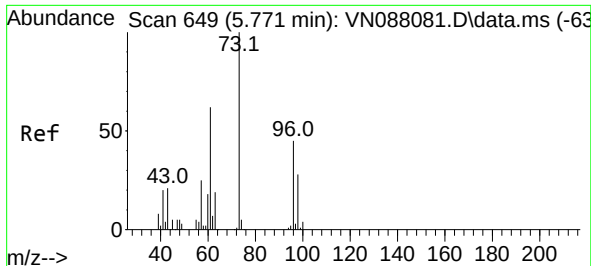
Tgt Ion: 73 Resp: 259538
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 19.545 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 84 Resp: 76689
Ion Ratio Lower Upper
84 100
49 140.6 103.4 155.2
51 43.3 33.8 50.8
86 66.7 49.6 74.4

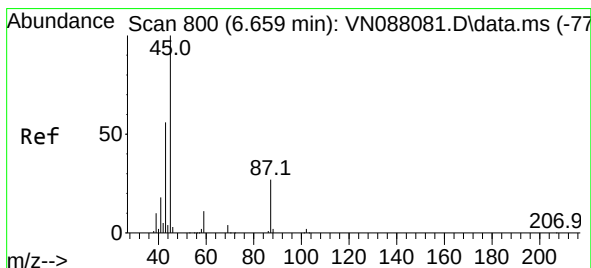
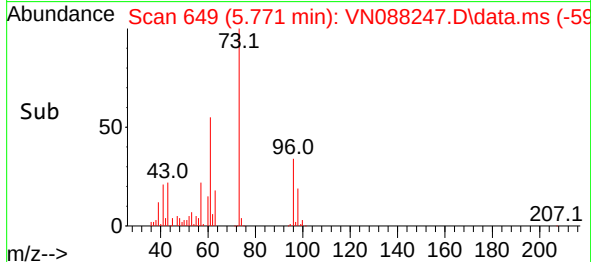
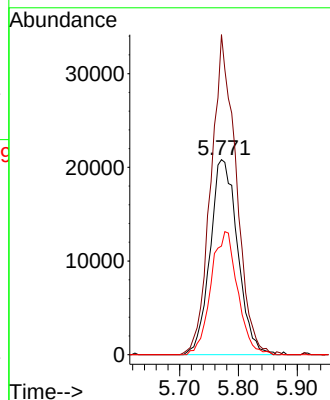
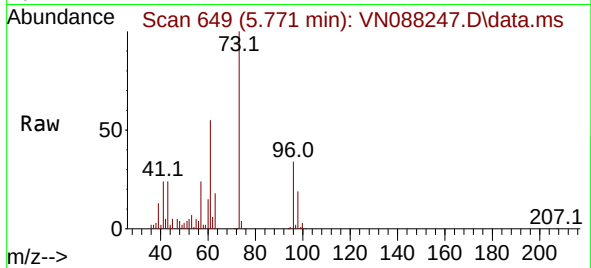




#21
trans-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

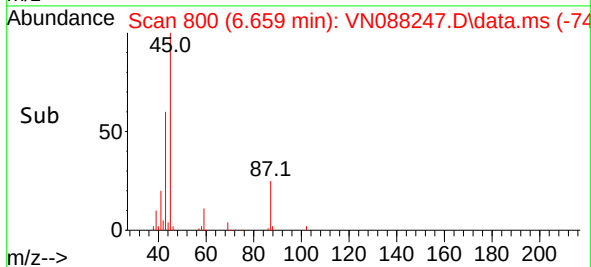
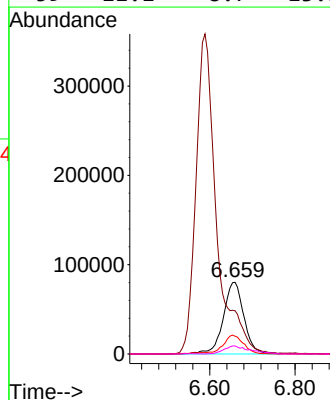
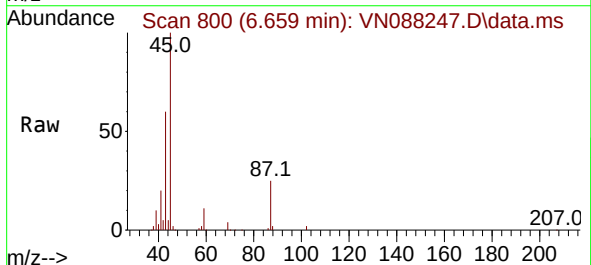
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

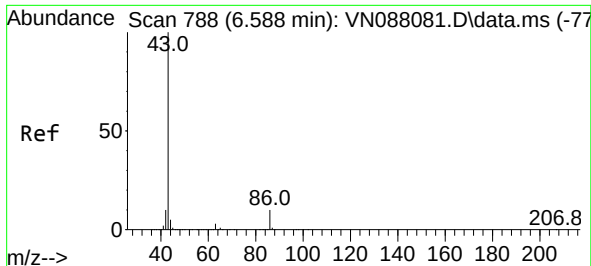
Tgt Ion: 96 Resp: 67648
Ion Ratio Lower Upper
96 100
61 164.0 118.0 177.0
98 55.7 50.0 75.0



#22
Diisopropyl ether
Concen: 21.557 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 45 Resp: 268726
Ion Ratio Lower Upper
45 100
43 58.7 47.7 71.5
87 24.7 21.4 32.0
59 11.1 8.7 13.1

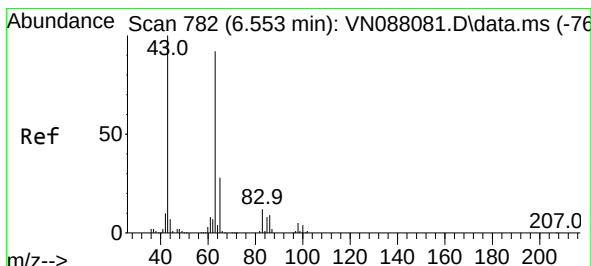
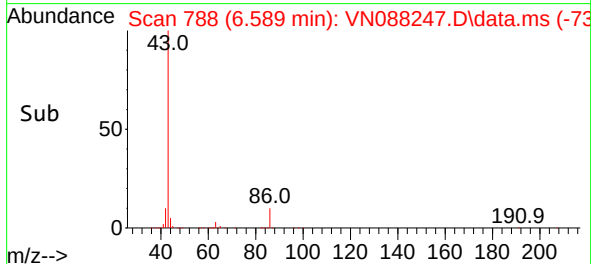
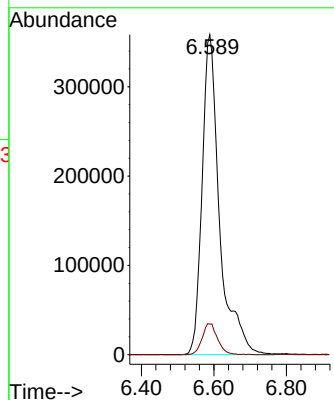
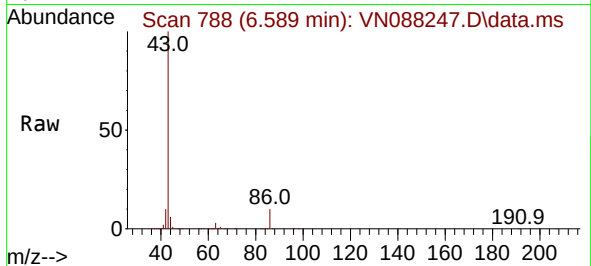




#23
 Vinyl Acetate
 Concen: 106.780 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

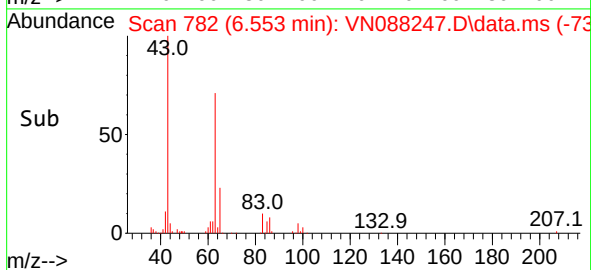
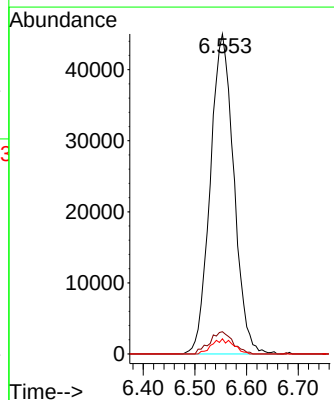
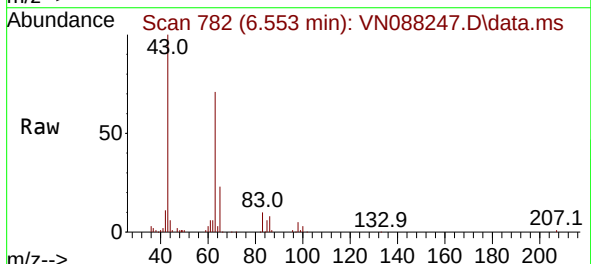
Instrument :
 MSVOA_N
 ClientSampleId :
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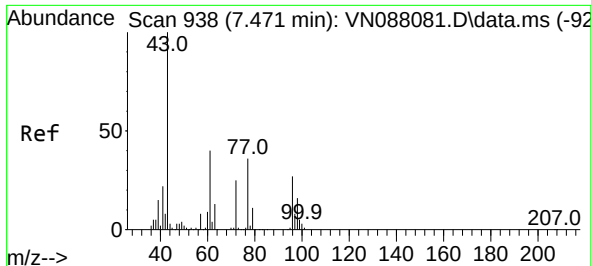
Tgt Ion: 43 Resp: 1199040
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 20.671 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

Tgt Ion: 63 Resp: 142737
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.8 2.0 6.0

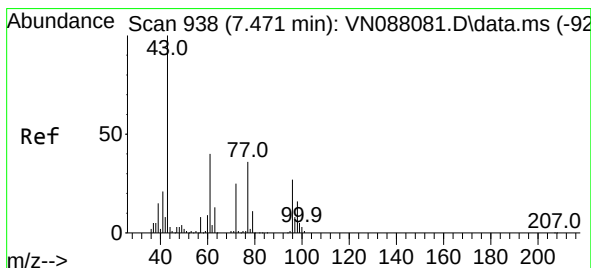
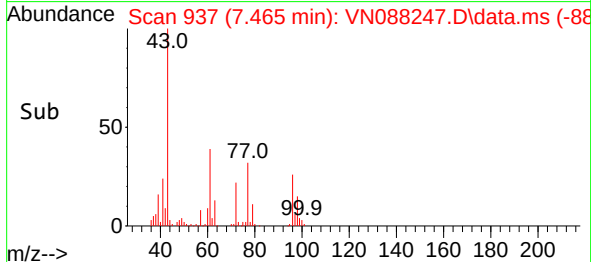
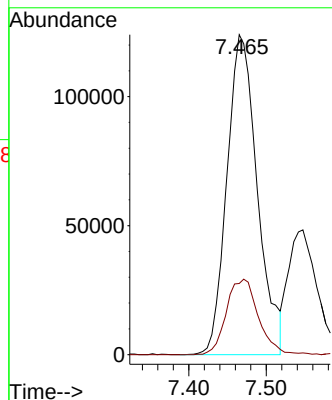
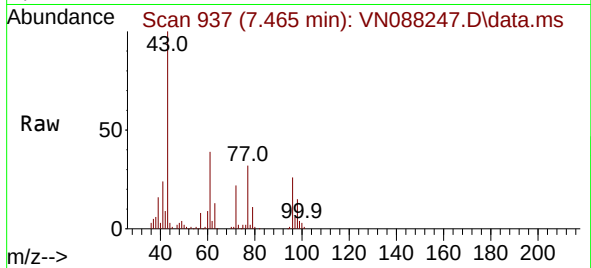




#25
2-Butanone
Concen: 110.025 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

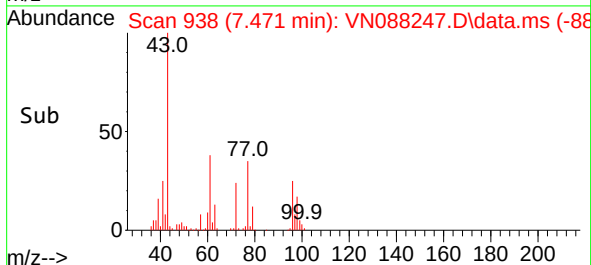
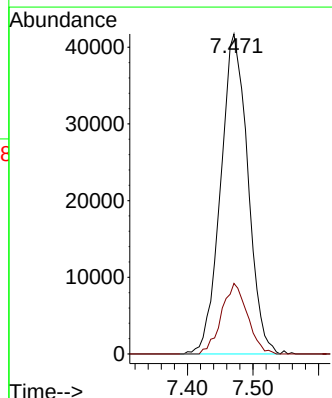
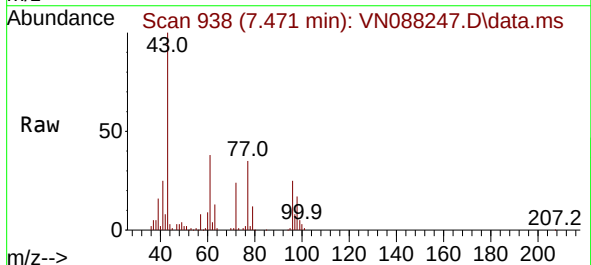
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

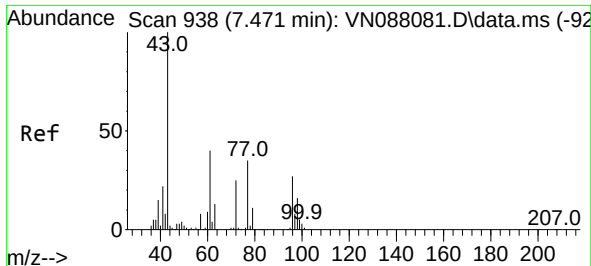
Tgt Ion: 43 Resp: 338918
Ion Ratio Lower Upper
43 100
72 22.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.138 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 77 Resp: 120096
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7

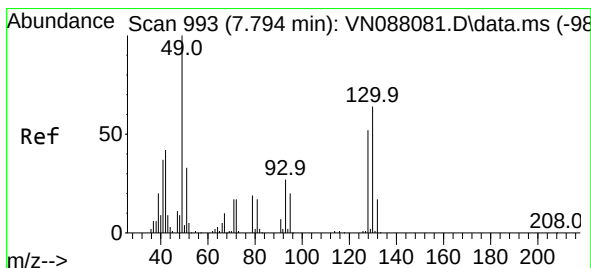
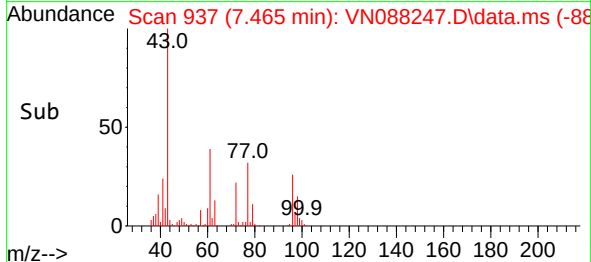
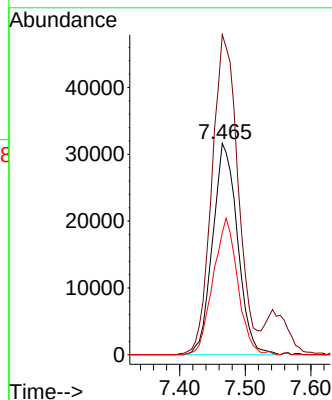
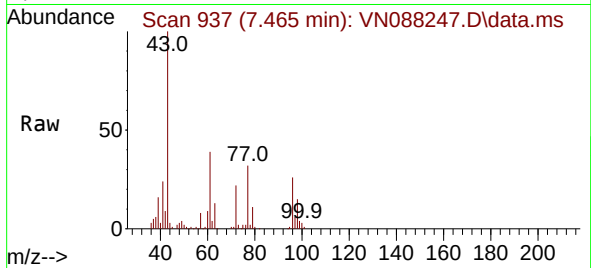




#27
 cis-1,2-Dichloroethene
 Concen: 19.471 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

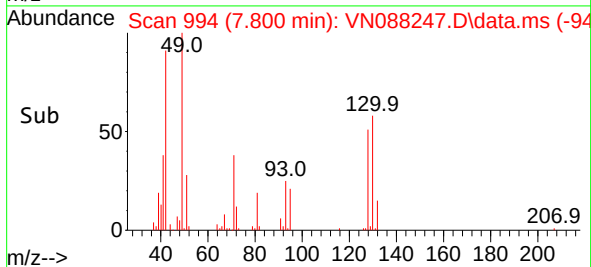
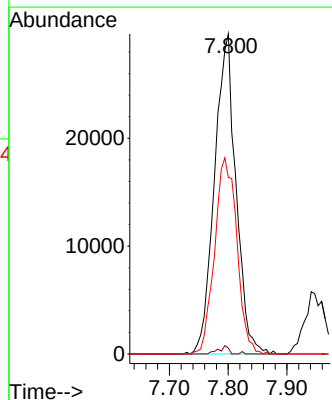
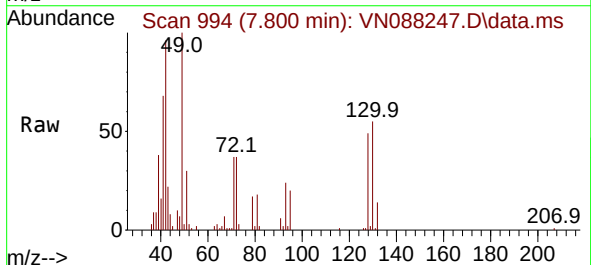
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

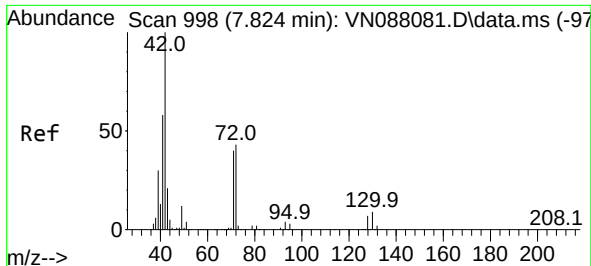
Tgt Ion: 96 Resp: 83207
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 301.8
 98 63.8 0.0 126.2



#28
 Bromochloromethane
 Concen: 23.086 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

Tgt Ion: 49 Resp: 75325
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 63.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 102.335 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

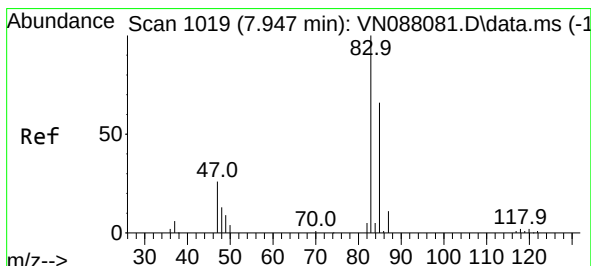
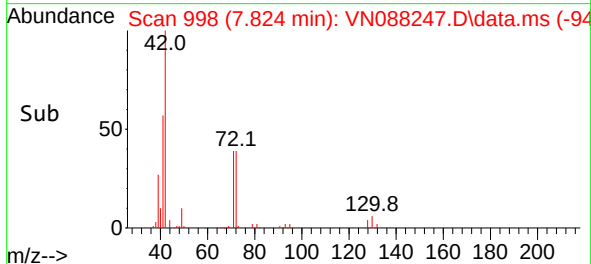
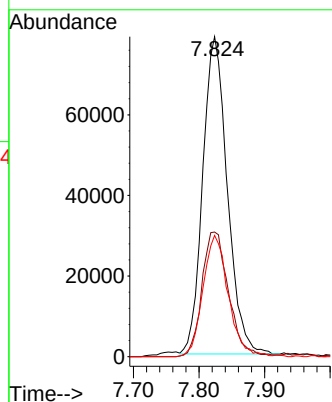
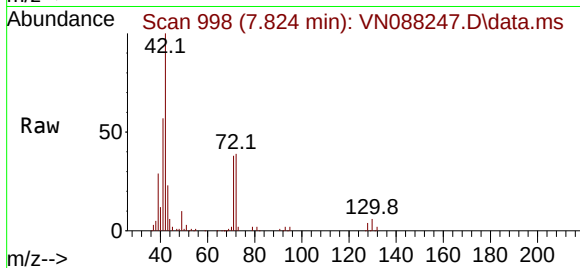
Tgt Ion: 42 Resp: 205436

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

71 39.4 31.9 47.9



#30

Chloroform

Concen: 21.121 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088247.D

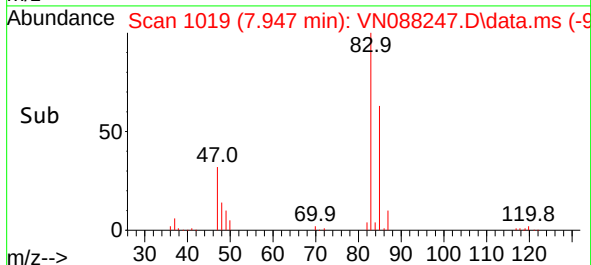
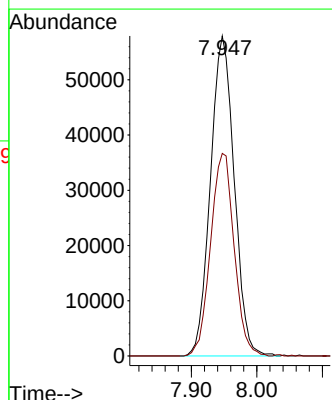
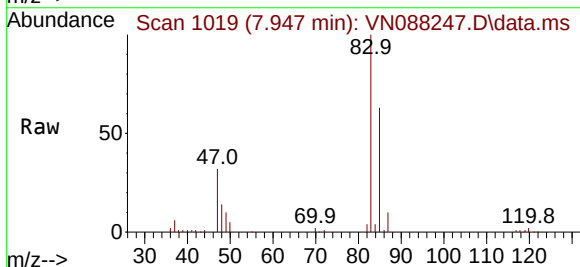
Acq: 11 Nov 2025 11:41

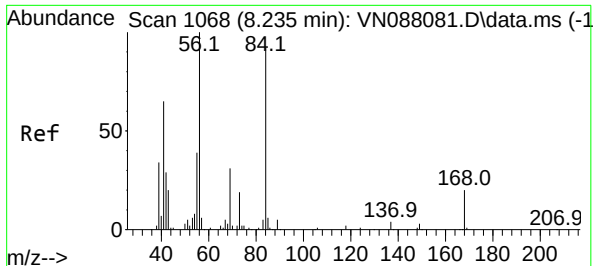
Tgt Ion: 83 Resp: 145705

Ion Ratio Lower Upper

83 100

85 63.3 50.7 76.1

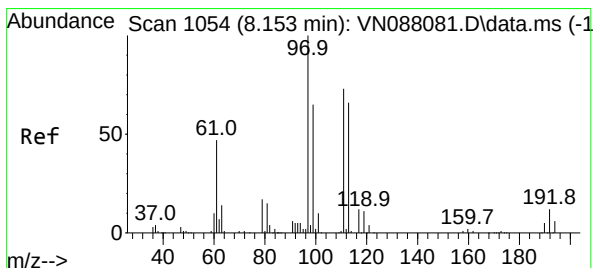
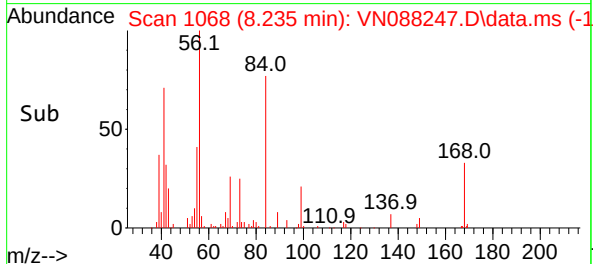
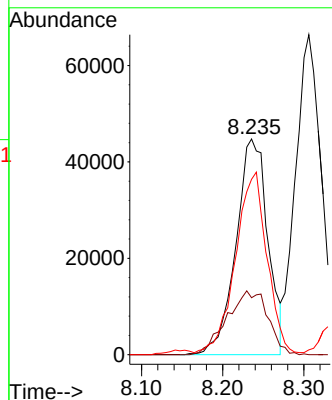
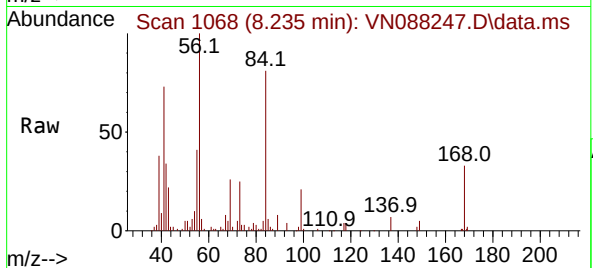




#31
Cyclohexane
Concen: 18.754 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

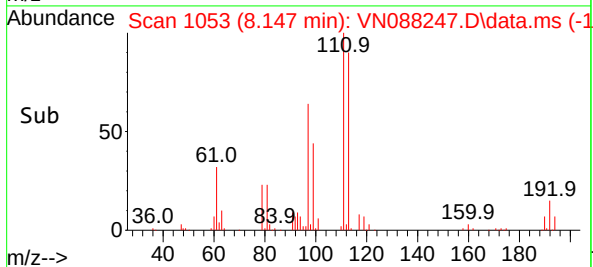
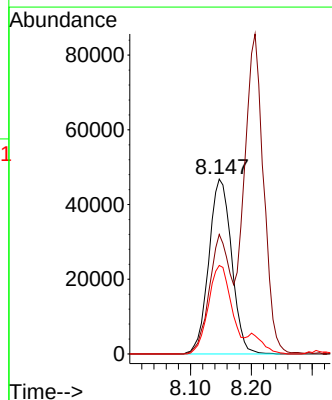
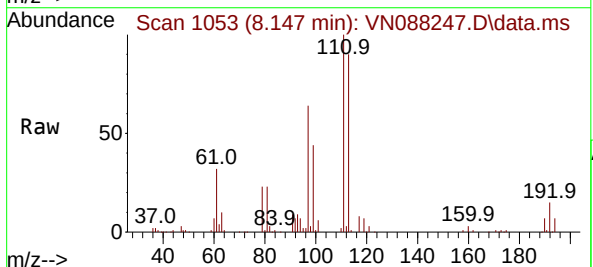
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

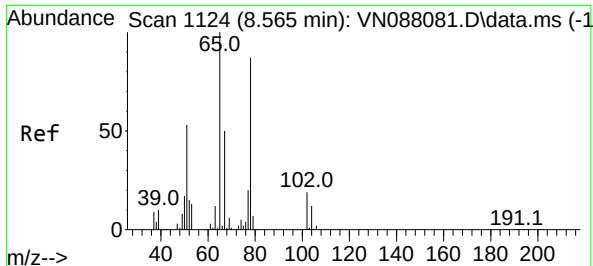
Tgt Ion: 56 Resp: 122140
Ion Ratio Lower Upper
56 100
69 26.4 23.7 35.5
84 79.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.815 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 97 Resp: 121746
Ion Ratio Lower Upper
97 100
99 62.5 52.2 78.2
61 51.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.413 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

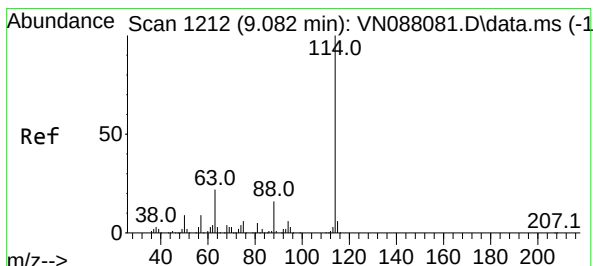
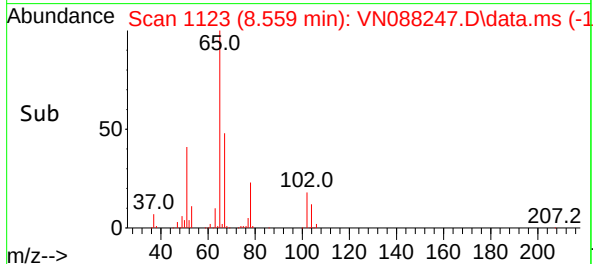
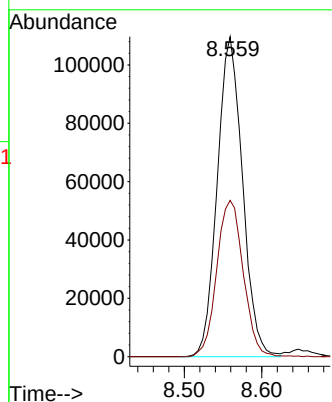
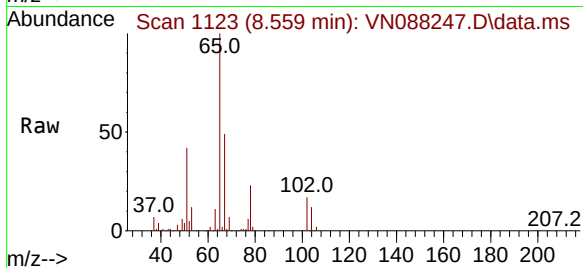
VN1111WBSD01

Tgt Ion: 65 Resp: 248512

Ion Ratio Lower Upper

65 100

67 51.2 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: VN088247.D

Acq: 11 Nov 2025 11:41

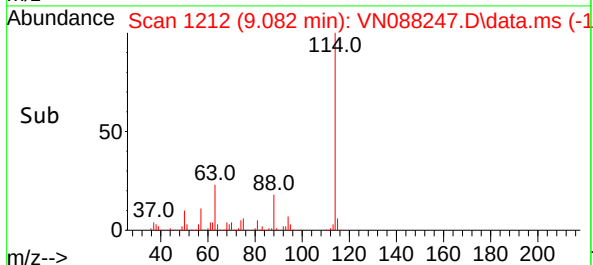
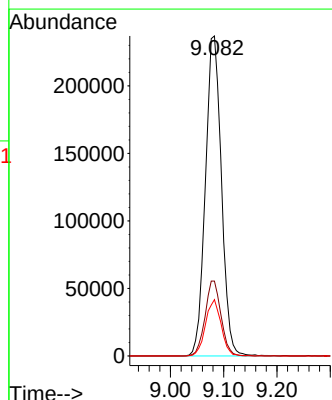
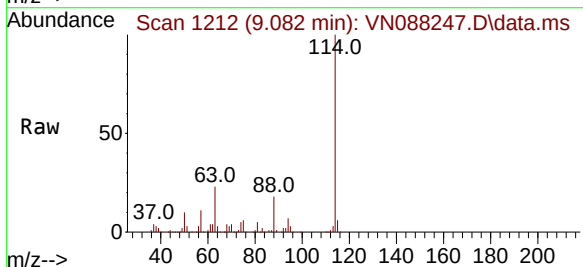
Tgt Ion: 114 Resp: 495693

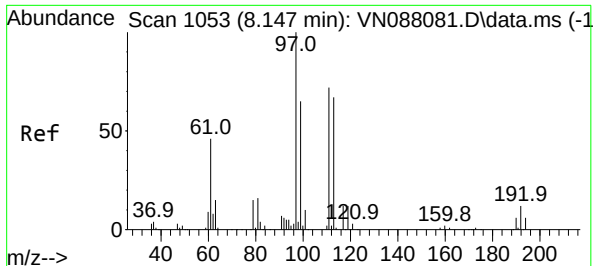
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 17.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.099 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

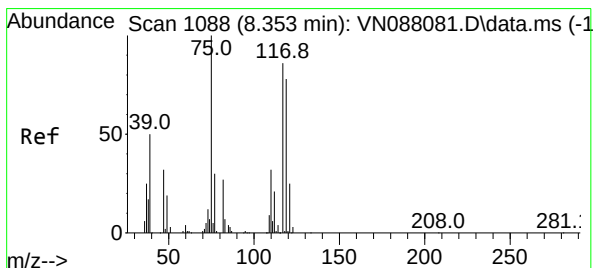
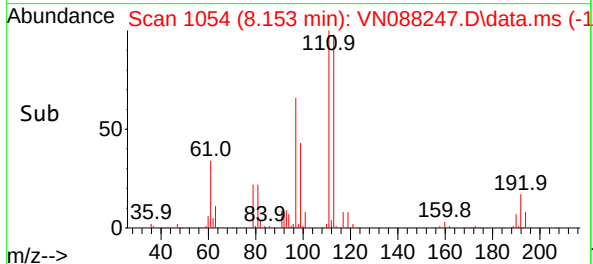
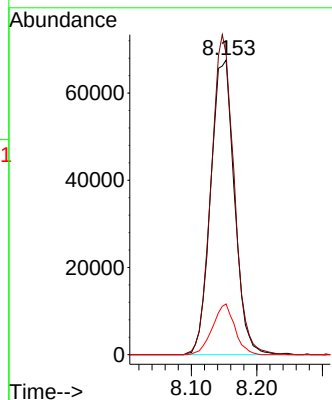
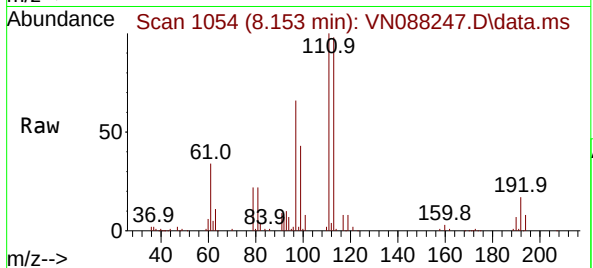
Tgt Ion:113 Resp: 170163

Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 16.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 20.078 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

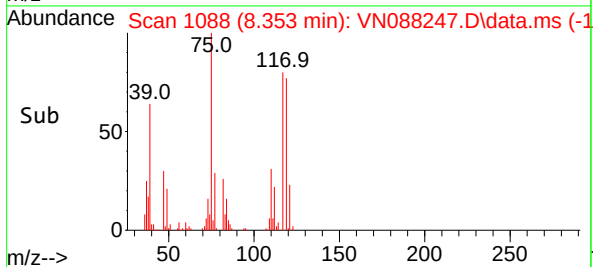
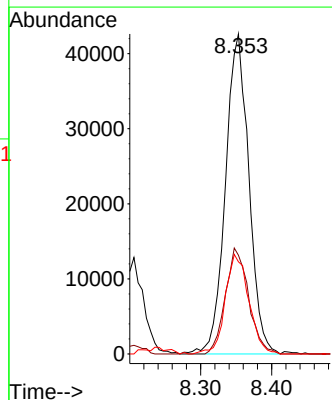
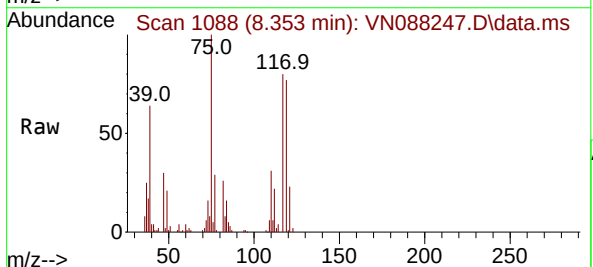
Tgt Ion: 75 Resp: 97627

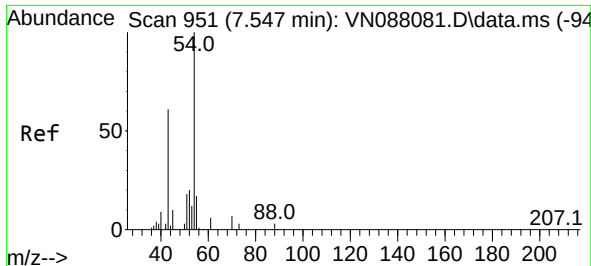
Ion Ratio Lower Upper

75 100

110 32.8 15.9 47.6

77 31.4 24.4 36.6

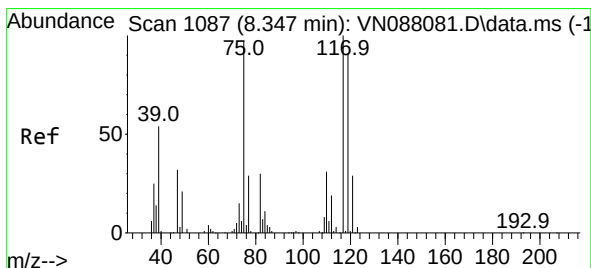
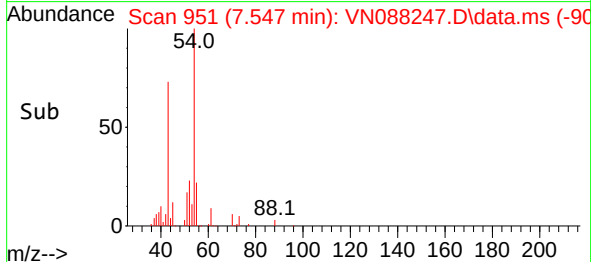
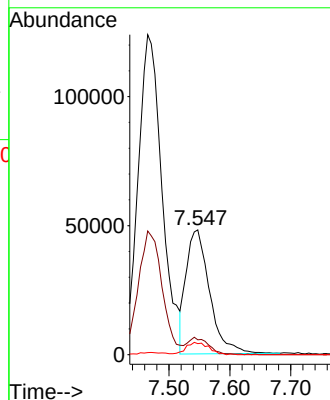
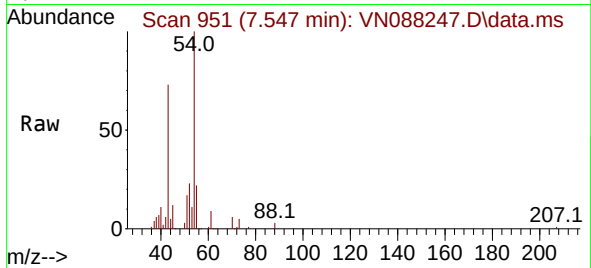




#37
Ethyl Acetate
Concen: 20.441 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

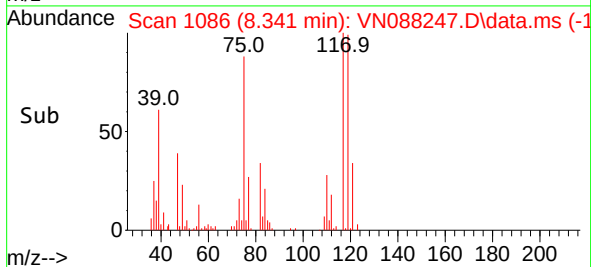
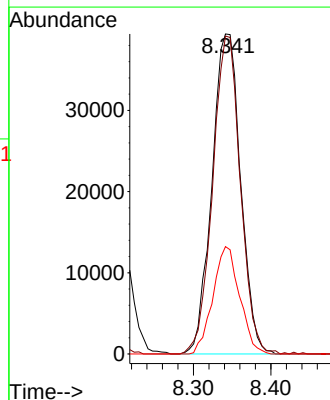
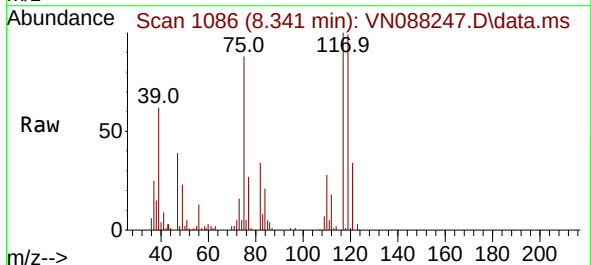
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

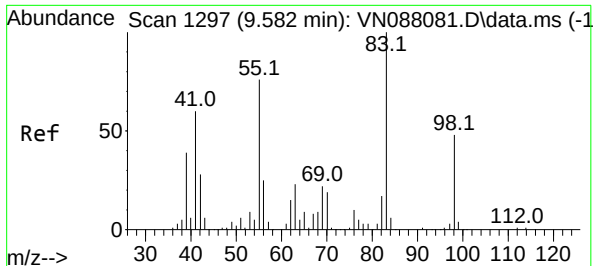
Tgt Ion: 43 Resp: 128261
Ion Ratio Lower Upper
43 100
61 12.3 9.3 13.9
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 20.171 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 117 Resp: 101298
Ion Ratio Lower Upper
117 100
119 99.4 79.0 118.6
121 33.5 25.0 37.6





#39

Methylcyclohexane

Concen: 17.241 ug/l

RT: 9.577 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

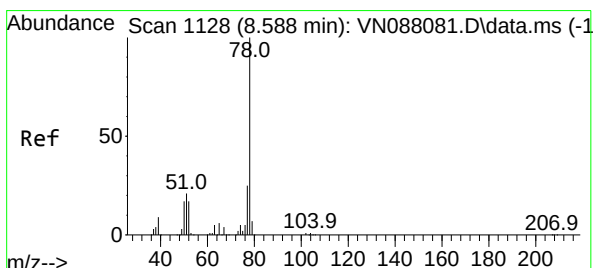
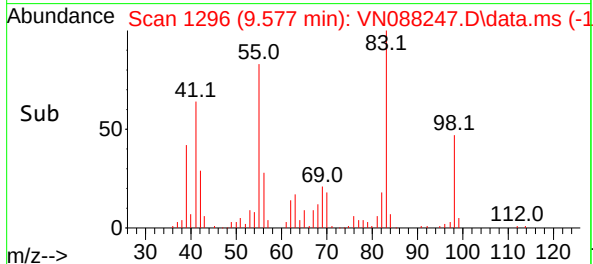
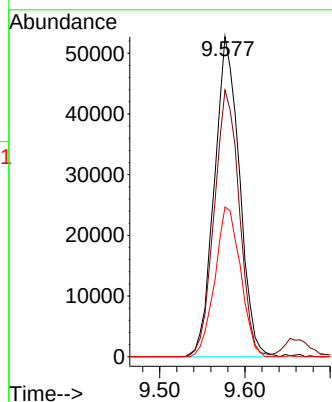
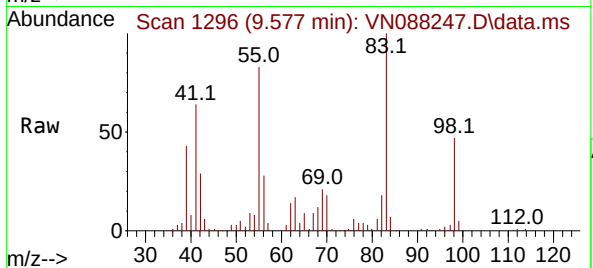
Tgt Ion: 83 Resp: 107754

Ion Ratio Lower Upper

83 100

55 83.3 64.6 96.8

98 46.8 38.4 57.6



#40

Benzene

Concen: 20.099 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088247.D

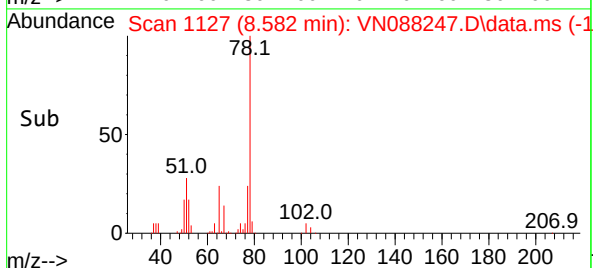
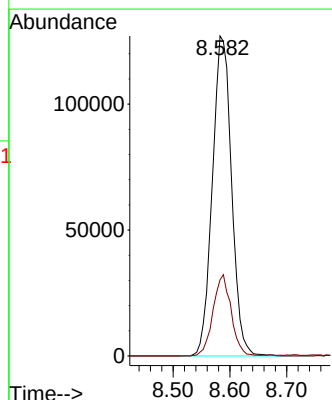
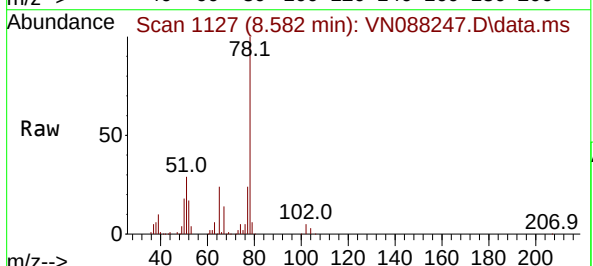
Acq: 11 Nov 2025 11:41

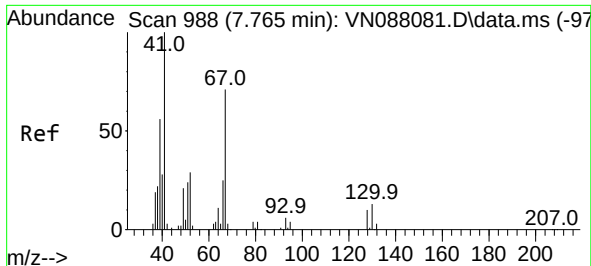
Tgt Ion: 78 Resp: 297626

Ion Ratio Lower Upper

78 100

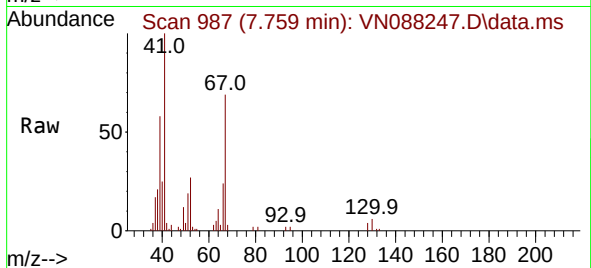
77 23.8 19.7 29.5



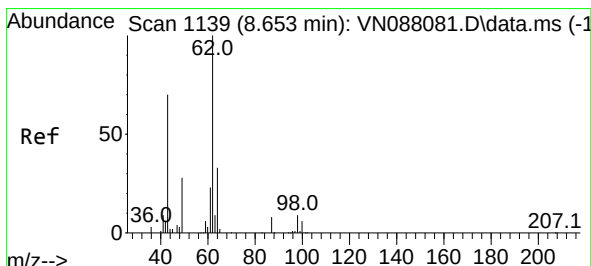
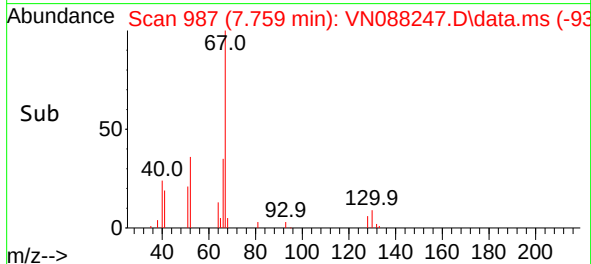
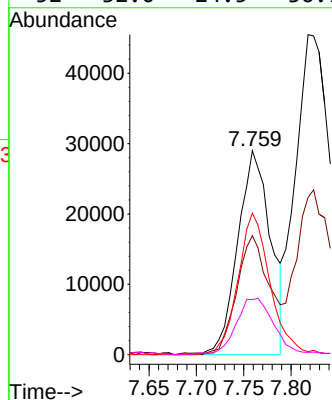


#41
Methacrylonitrile
Concen: 21.224 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

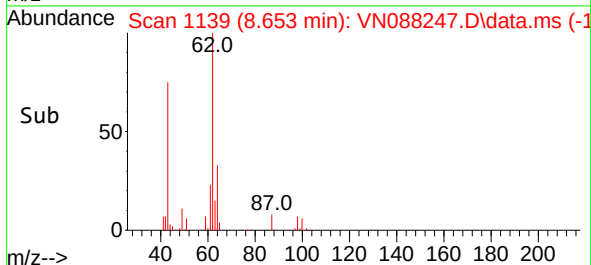
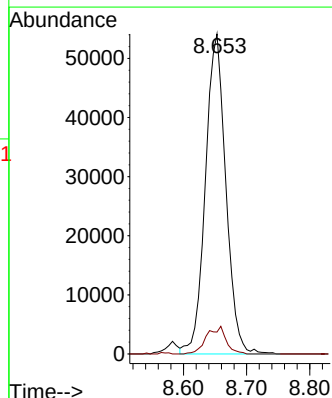
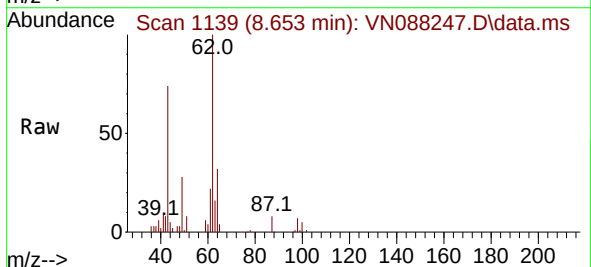


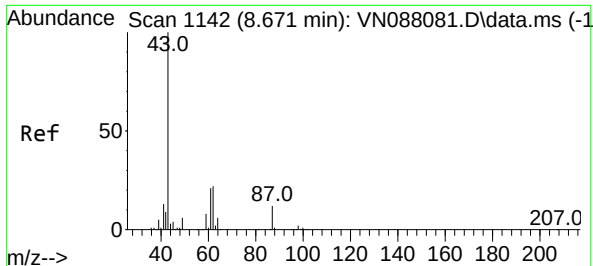
Tgt Ion:	41	Resp:	70093
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.4	68.0
67	67.8	55.3	82.9
52	32.0	24.5	36.7



#42
1,2-Dichloroethane
Concen: 23.155 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:	62	Resp:	121831
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

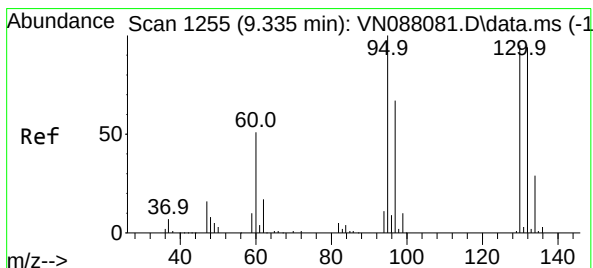
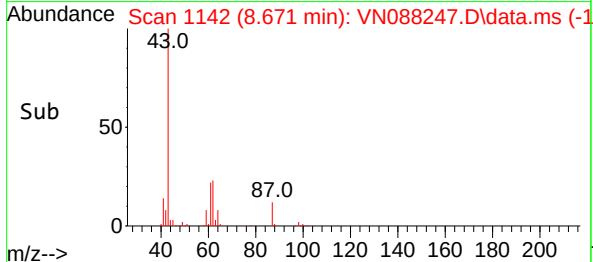
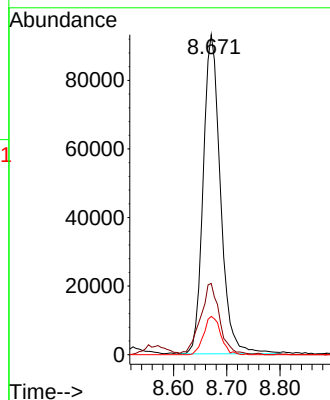
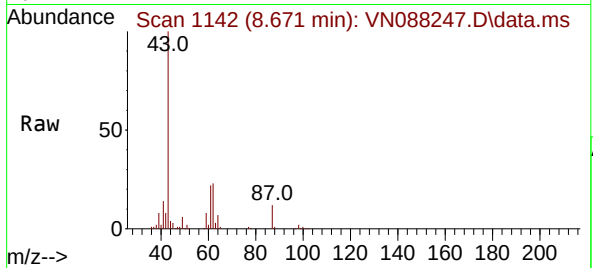




#43
Isopropyl Acetate
Concen: 21.716 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

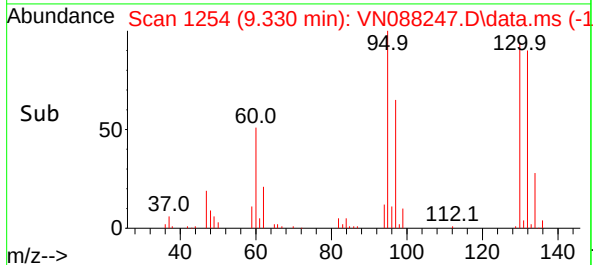
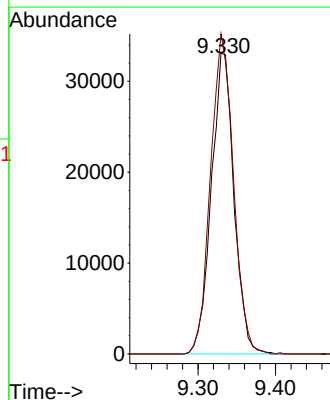
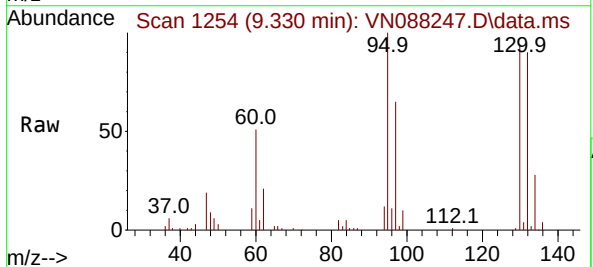
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

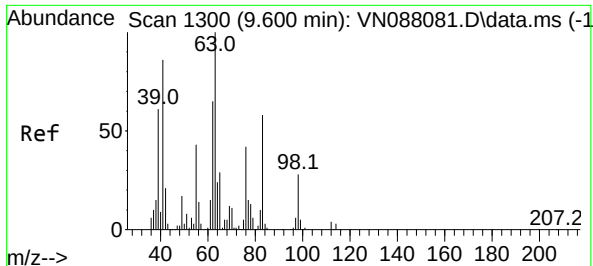
Tgt Ion: 43 Resp: 209385
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 11.8 9.6 14.4



#44
Trichloroethene
Concen: 19.481 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 130 Resp: 67429
Ion Ratio Lower Upper
130 100
95 106.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.253 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

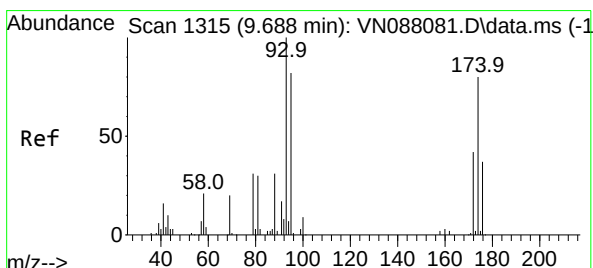
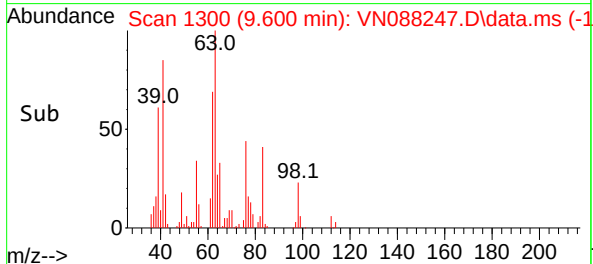
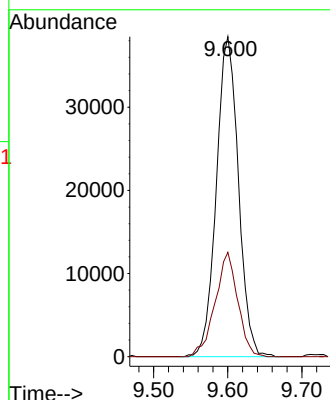
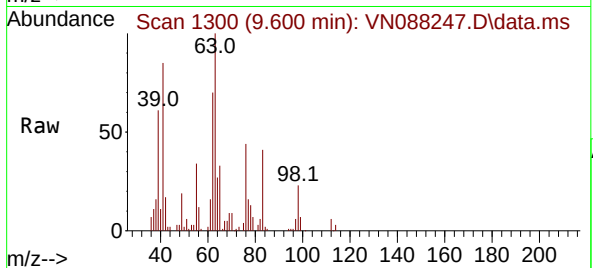
VN1111WBSD01

Tgt Ion: 63 Resp: 79453

Ion Ratio Lower Upper

63 100

65 32.6 25.0 37.4



#46

Dibromomethane

Concen: 22.076 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

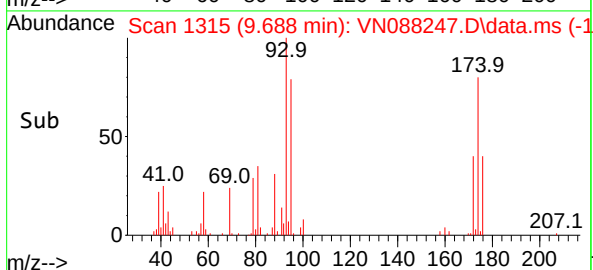
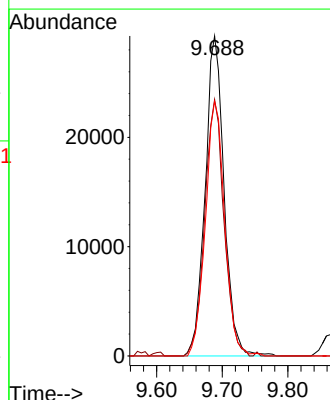
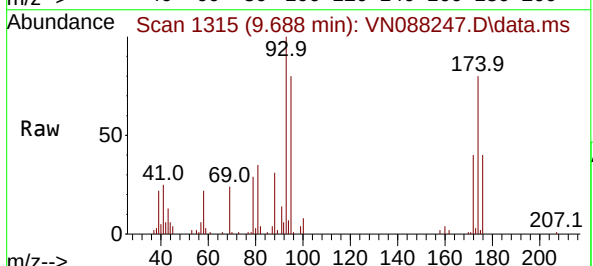
Tgt Ion: 93 Resp: 58860

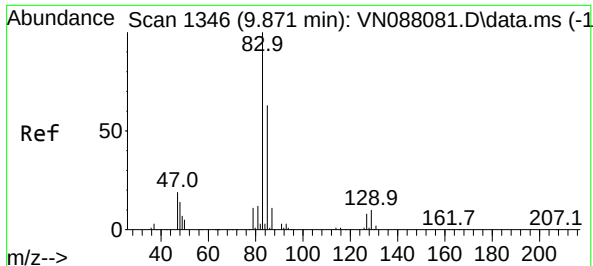
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 81.1 63.4 95.2





#47

Bromodichloromethane

Concen: 21.503 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

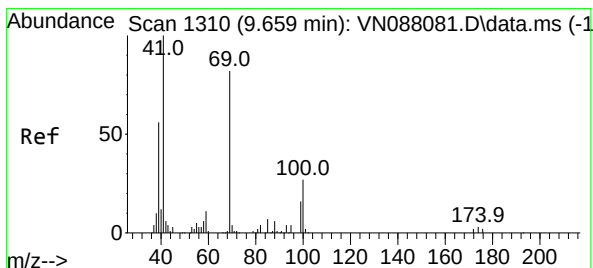
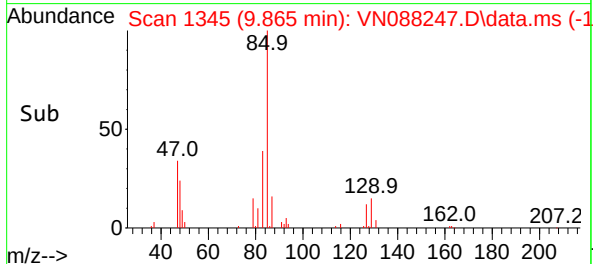
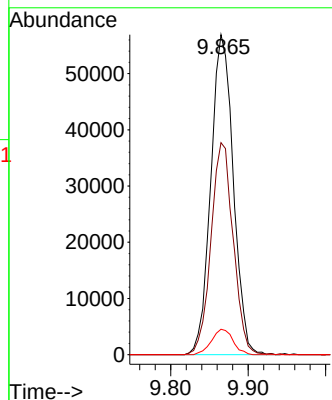
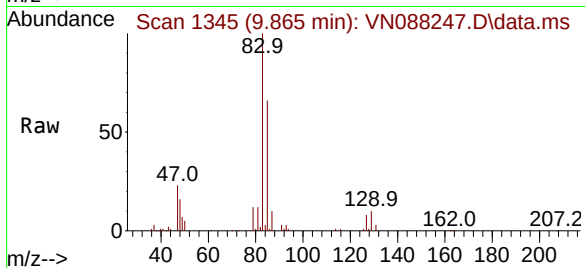
Tgt Ion: 83 Resp: 114785

Ion Ratio Lower Upper

83 100

85 66.3 52.5 78.7

127 7.9 5.8 8.6



#48

Methyl methacrylate

Concen: 21.895 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

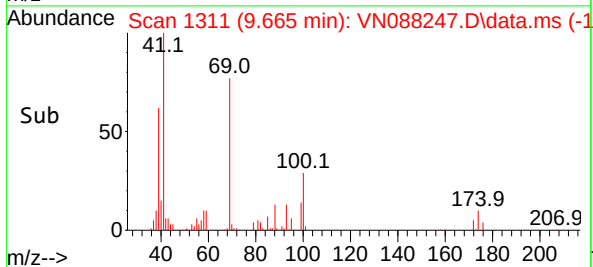
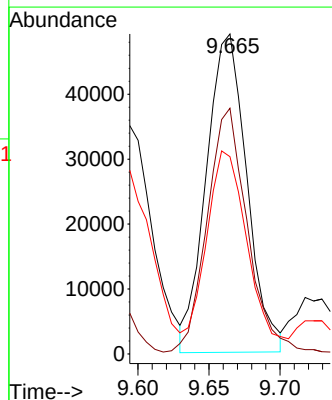
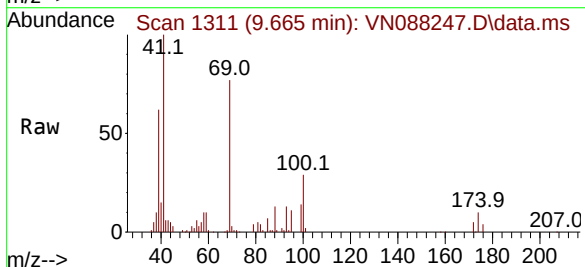
Tgt Ion: 41 Resp: 97465

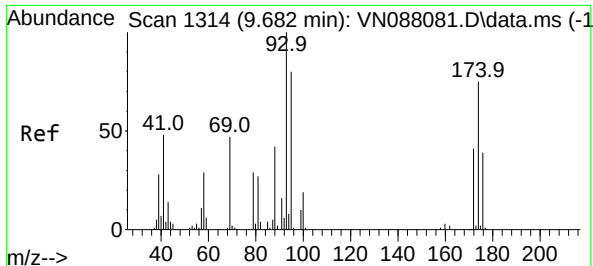
Ion Ratio Lower Upper

41 100

69 76.2 62.7 94.1

39 66.3 52.9 79.3





#49

1,4-Dioxane

Concen: 459.733 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

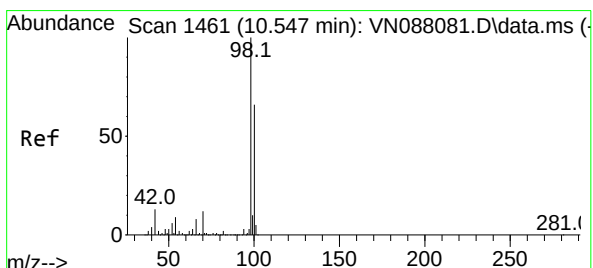
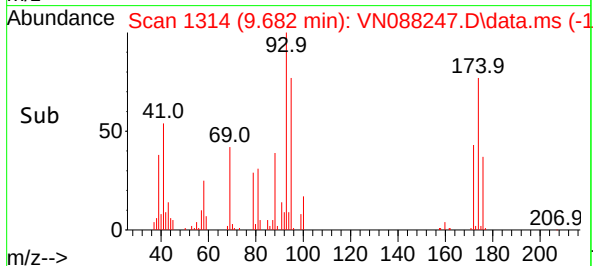
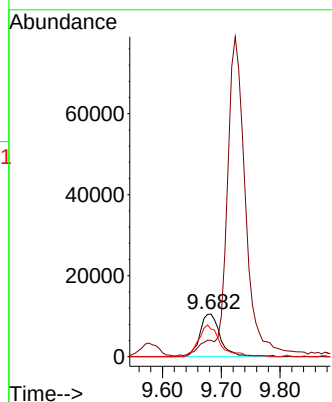
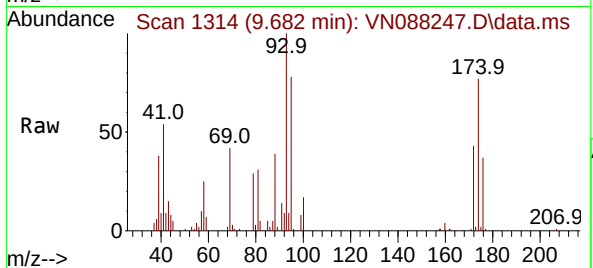
Tgt Ion: 88 Resp: 25453

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.2 57.9 86.9



#50

Toluene-d8

Concen: 48.695 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088247.D

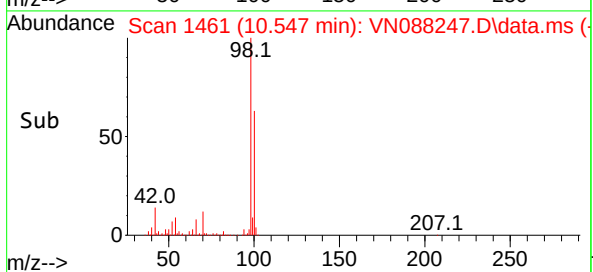
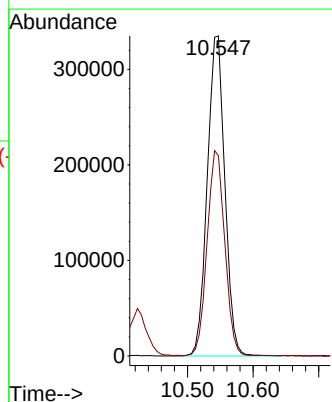
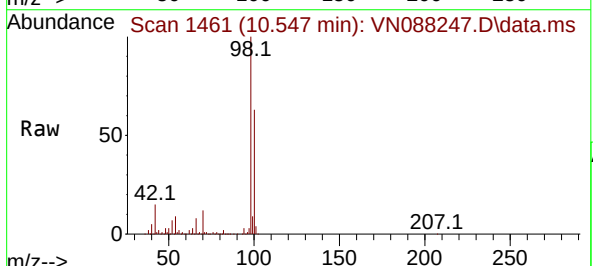
Acq: 11 Nov 2025 11:41

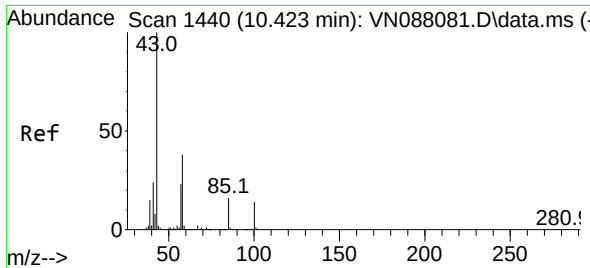
Tgt Ion: 98 Resp: 624820

Ion Ratio Lower Upper

98 100

100 64.3 52.8 79.2

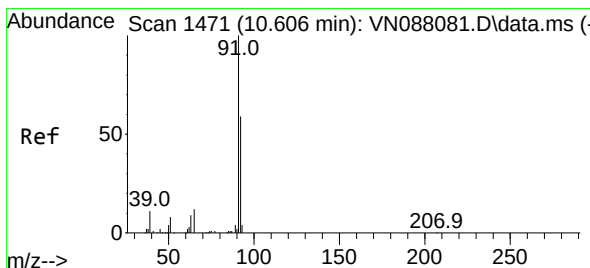
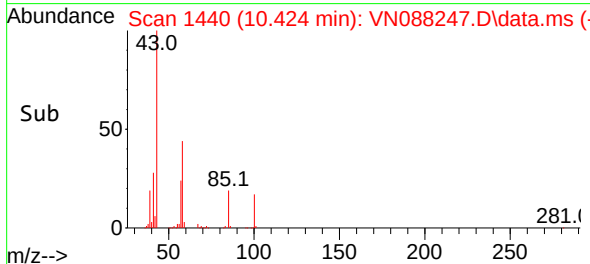
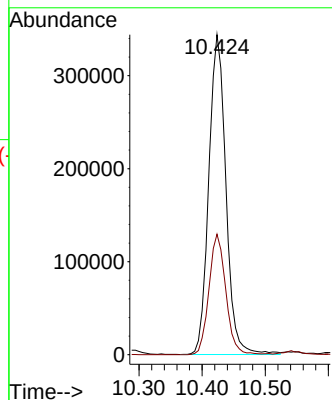
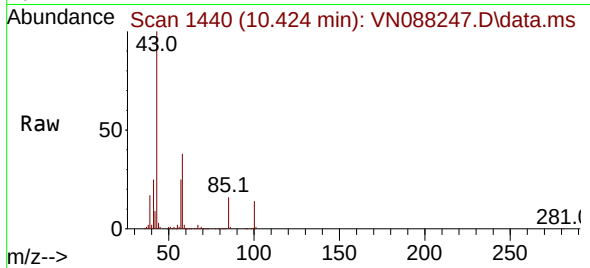




#51
4-Methyl-2-Pentanone
Concen: 113.487 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

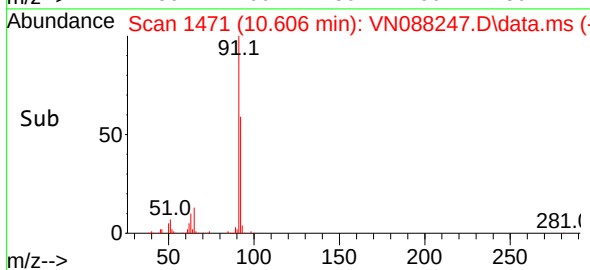
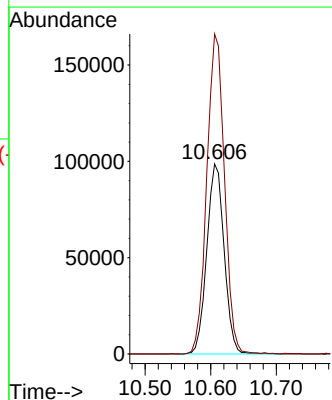
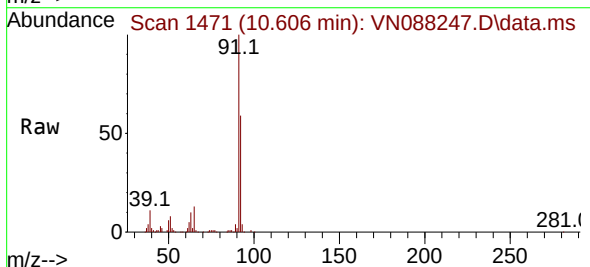
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

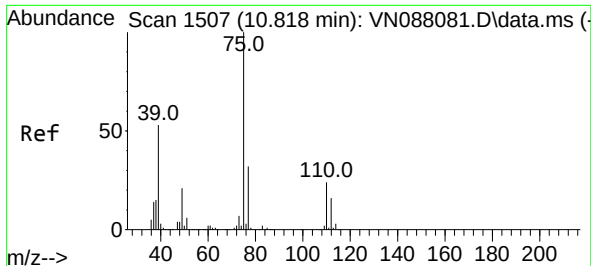
Tgt Ion: 43 Resp: 647328
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 19.882 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 92 Resp: 181518
Ion Ratio Lower Upper
92 100
91 171.3 140.4 210.6

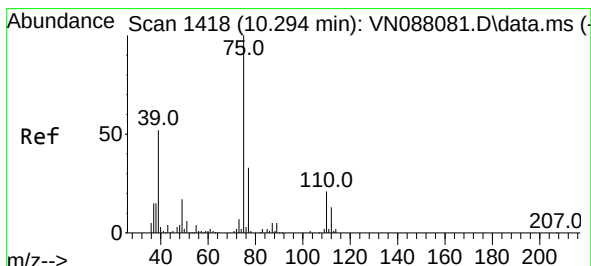
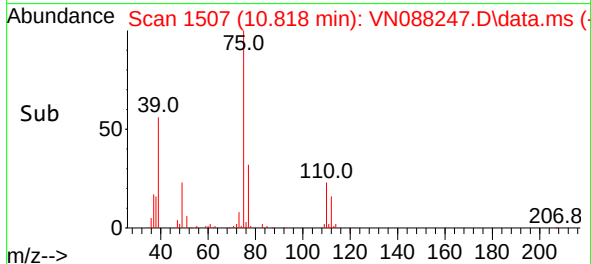
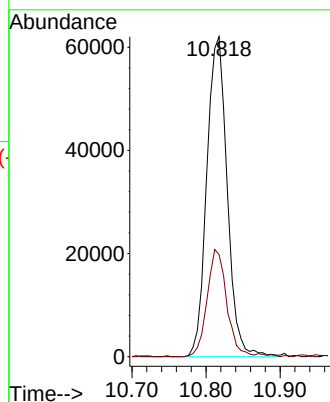
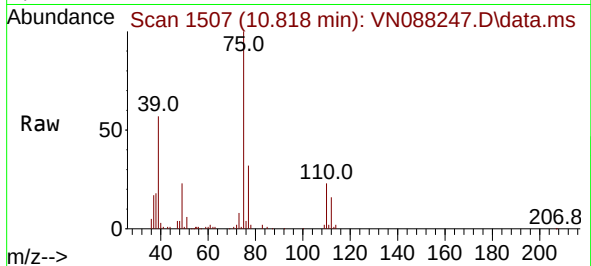




#53
t-1,3-Dichloropropene
Concen: 20.899 ug/l
RT: 10.818 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

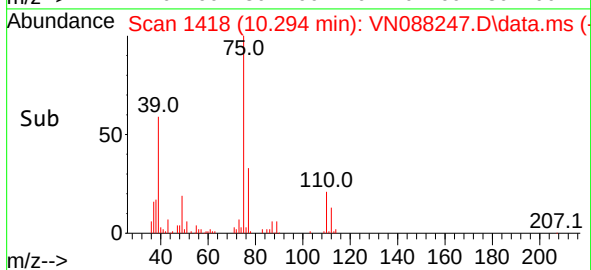
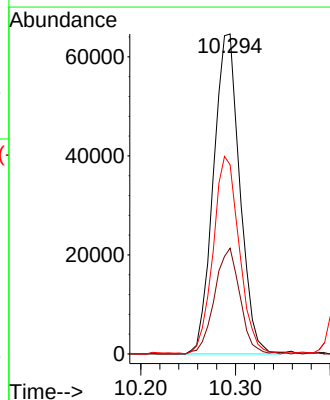
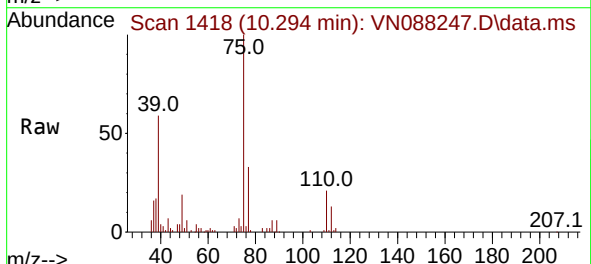
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

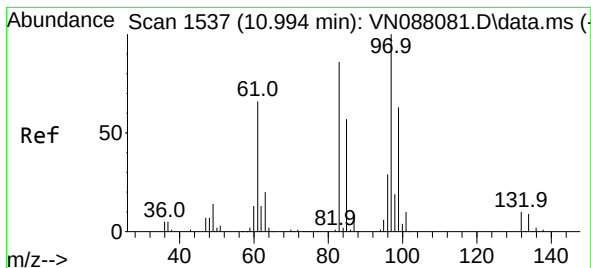
Tgt Ion: 75 Resp: 118737
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.729 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 75 Resp: 124973
Ion Ratio Lower Upper
75 100
77 33.0 24.6 37.0
39 59.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 20.536 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 97 Resp: 71133

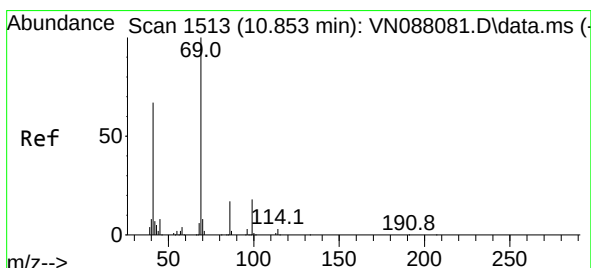
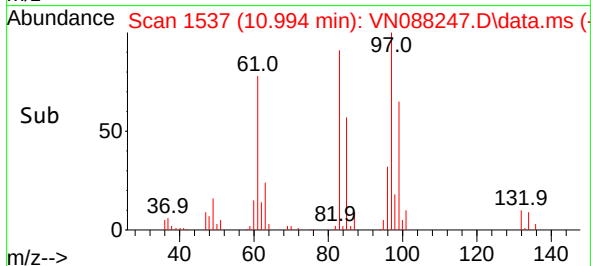
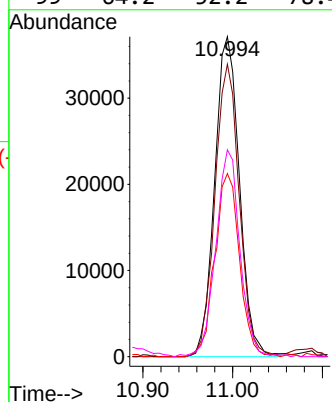
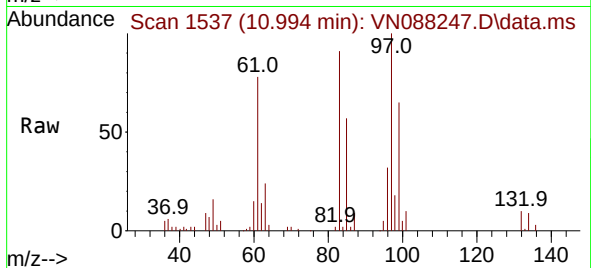
Ion Ratio Lower Upper

97 100

83 91.4 68.2 102.4

85 57.2 45.5 68.3

99 64.2 52.2 78.4



#56

Ethyl methacrylate

Concen: 21.302 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

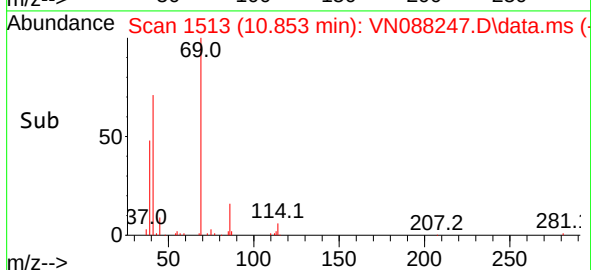
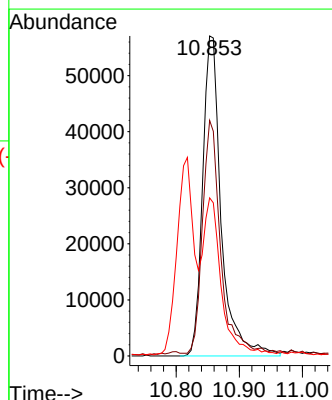
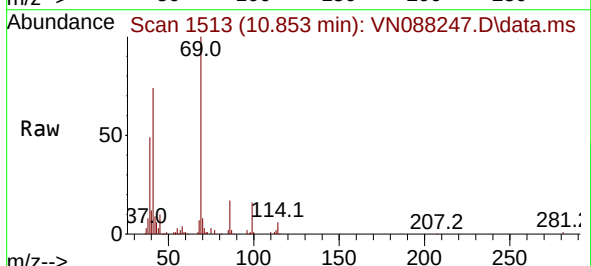
Tgt Ion: 69 Resp: 116762

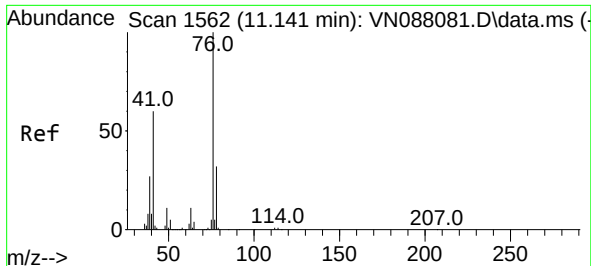
Ion Ratio Lower Upper

69 100

41 70.2 56.5 84.7

39 47.0 34.2 51.4





#57

1,3-Dichloropropane

Concen: 21.388 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

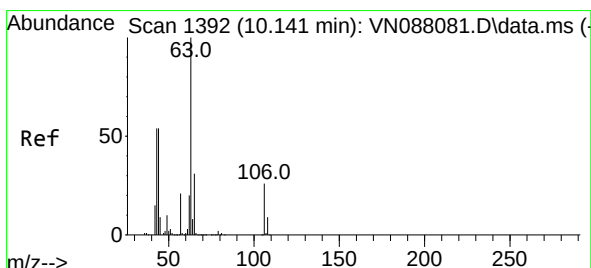
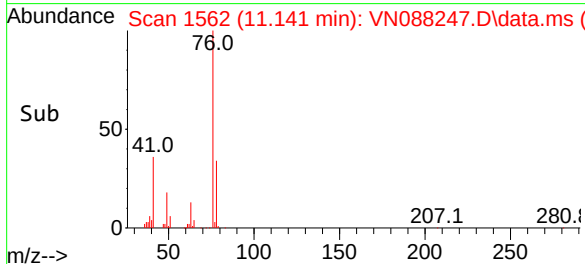
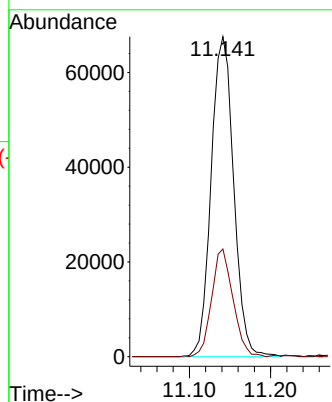
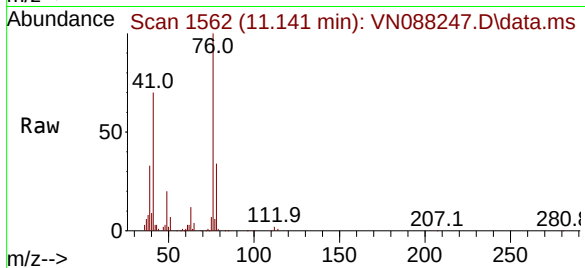
VN1111WBSD01

Tgt Ion: 76 Resp: 130213

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.294 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088247.D

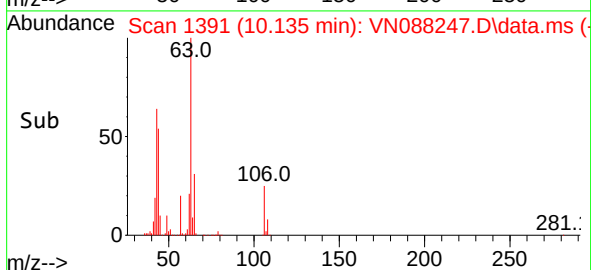
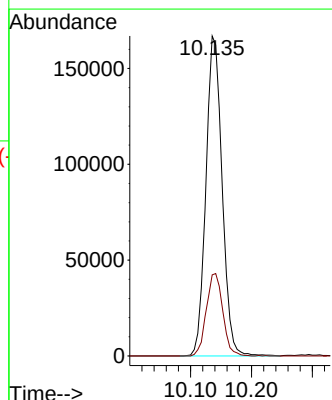
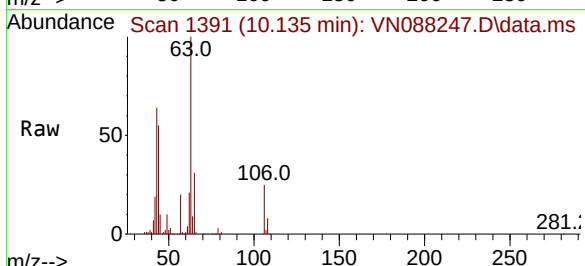
Acq: 11 Nov 2025 11:41

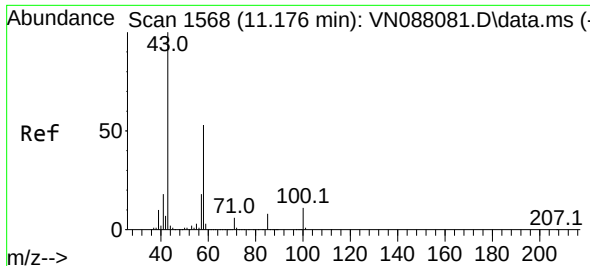
Tgt Ion: 63 Resp: 308765

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

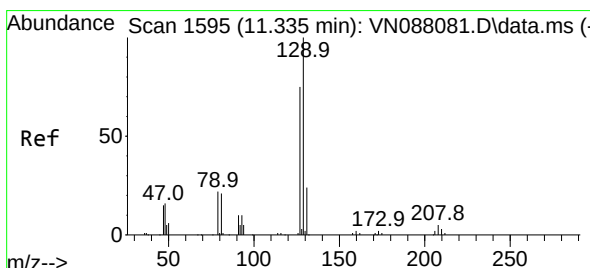
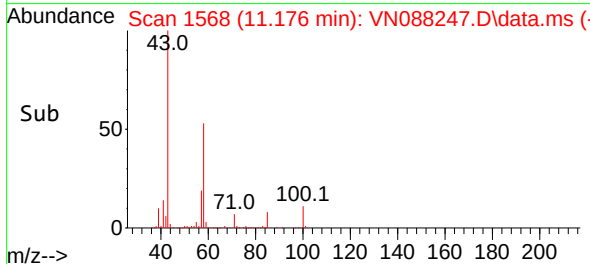
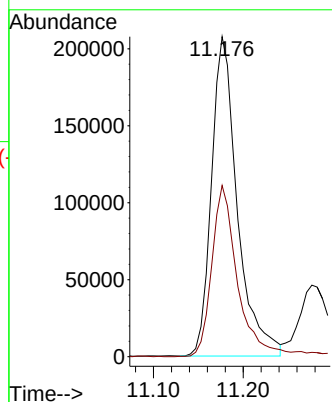
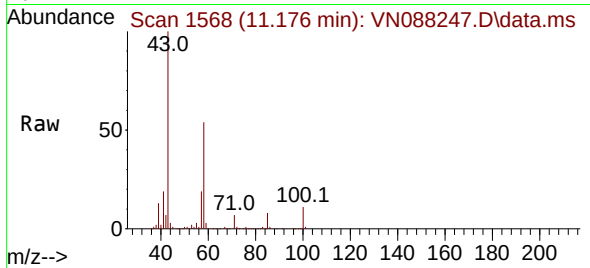




#59
2-Hexanone
Concen: 109.445 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

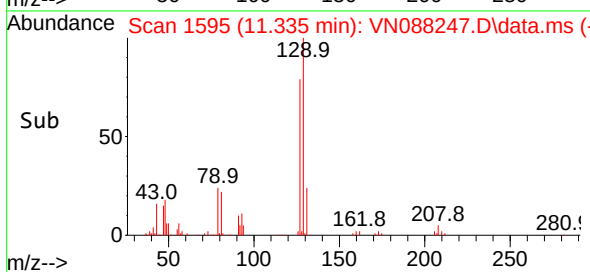
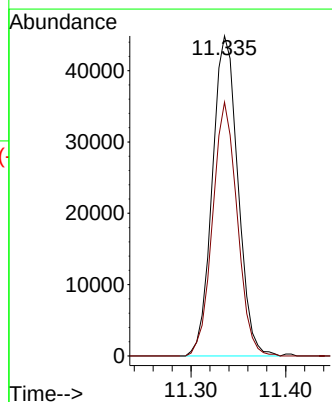
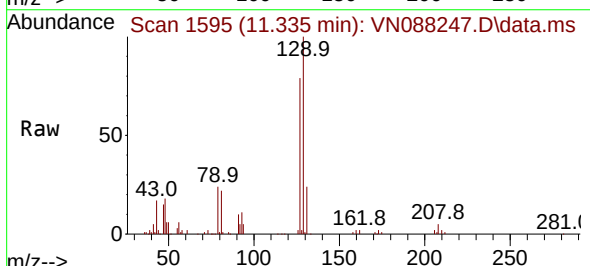
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

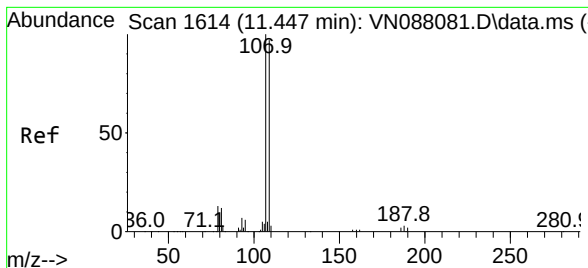
Tgt Ion: 43 Resp: 414127
Ion Ratio Lower Upper
43 100
58 55.2 25.9 77.8



#60
Dibromochloromethane
Concen: 21.380 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 129 Resp: 84173
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3

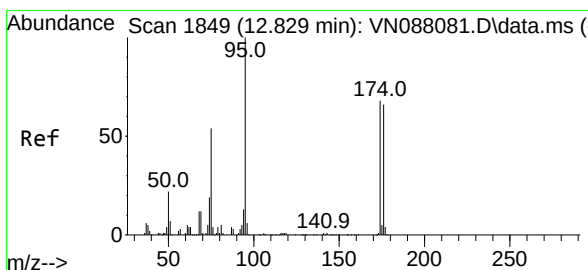
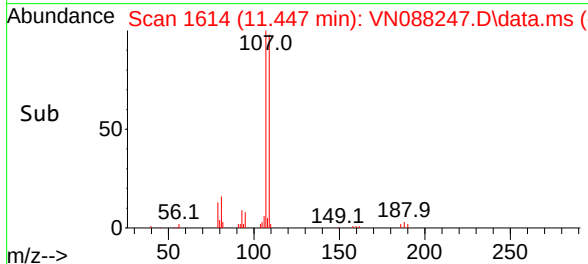
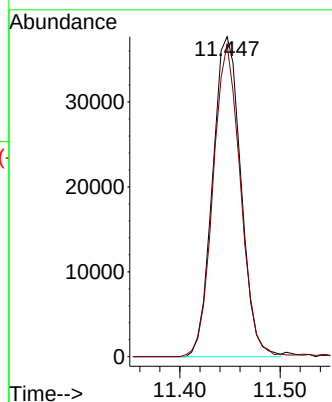
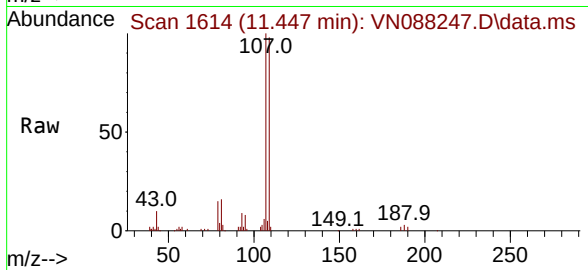




#61
1,2-Dibromoethane
Concen: 20.736 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

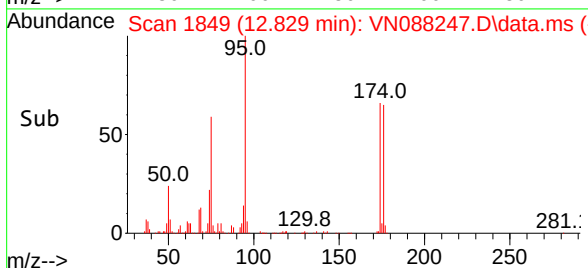
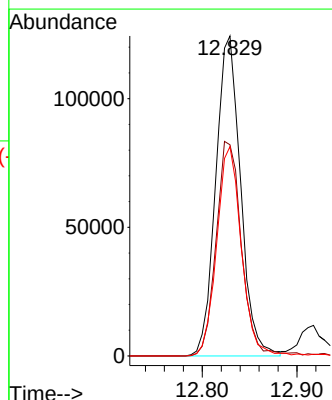
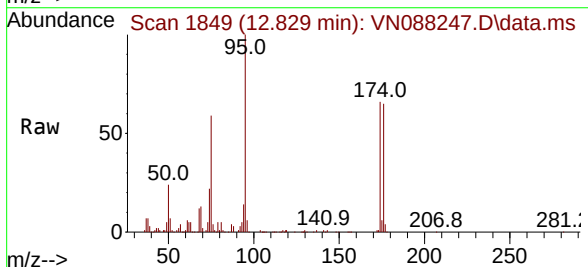
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

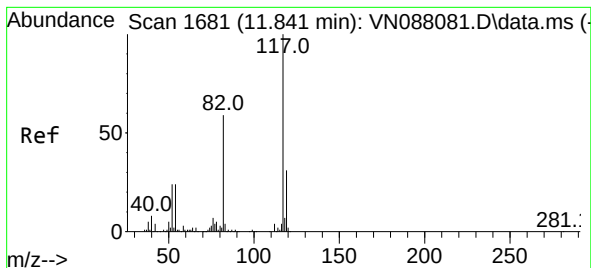
Tgt Ion:107 Resp: 73918
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 95 Resp: 226731
Ion Ratio Lower Upper
95 100
174 68.4 0.0 138.4
176 65.0 0.0 132.6

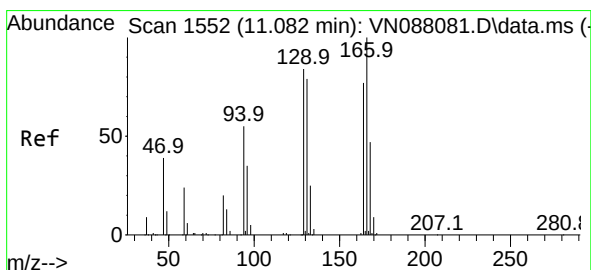
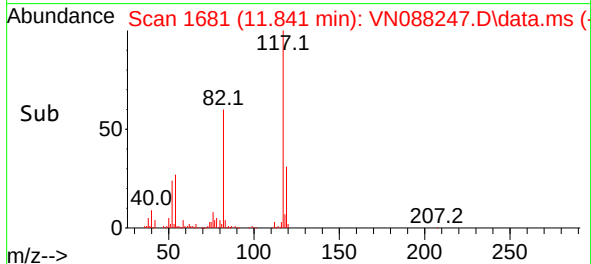
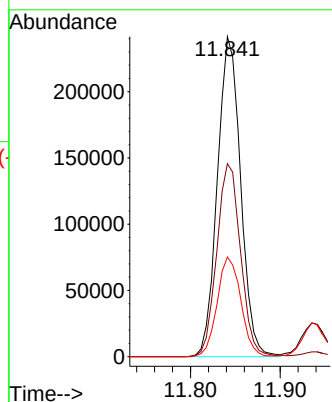
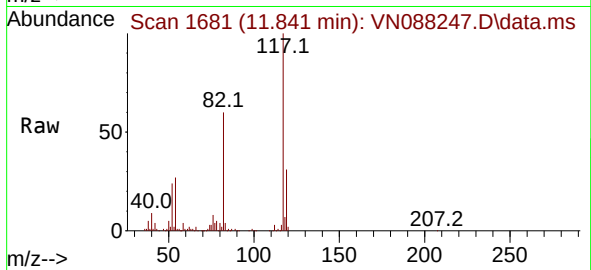




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

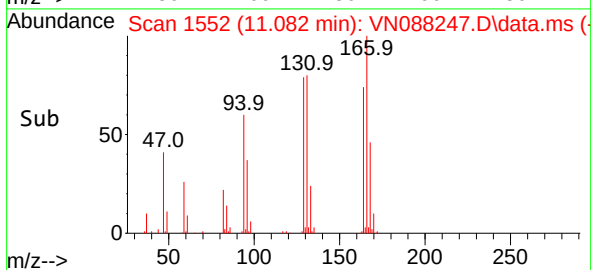
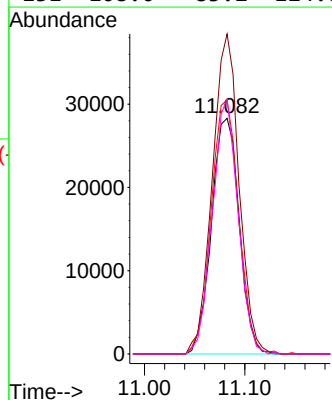
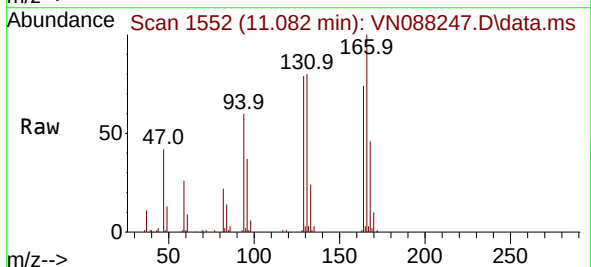
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

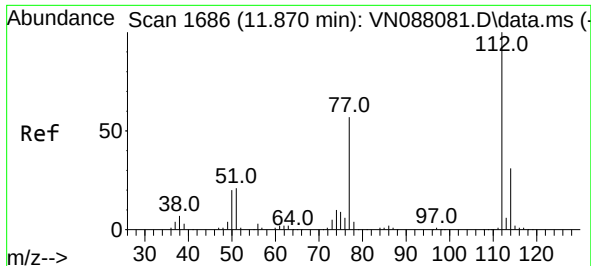
Tgt Ion:117 Resp: 434620
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.2 24.3 36.5



#64
Tetrachloroethene
Concen: 19.000 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:164 Resp: 54469
Ion Ratio Lower Upper
164 100
166 135.7 97.7 146.5
129 107.9 85.9 128.9
131 108.0 83.2 124.8

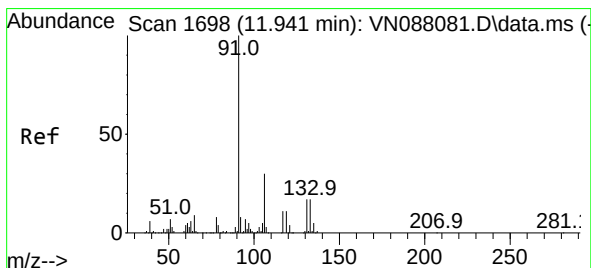
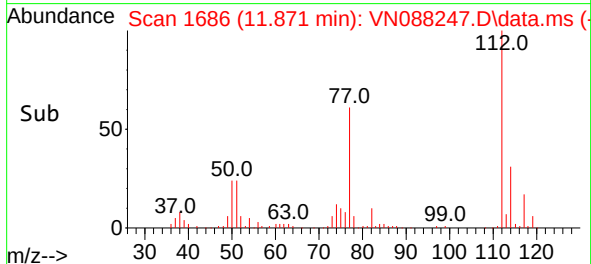
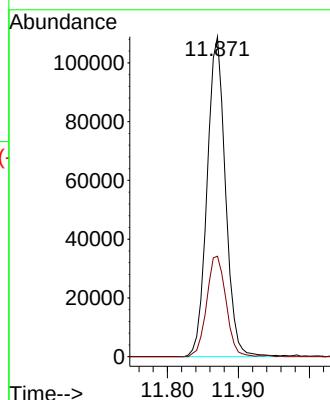
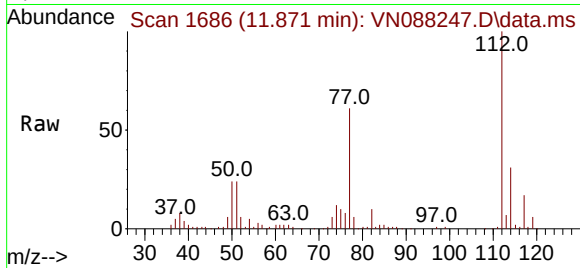




#65
Chlorobenzene
Concen: 19.838 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

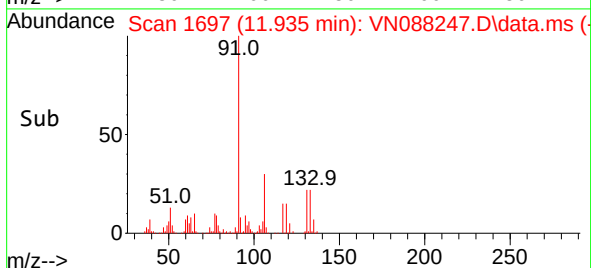
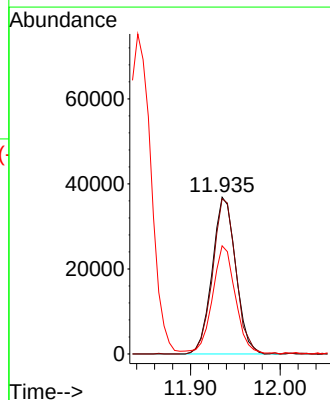
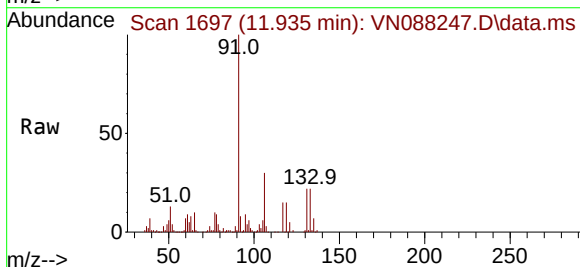
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

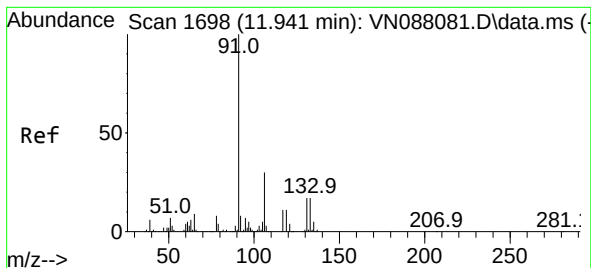
Tgt Ion:112 Resp: 195783
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.790 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:131 Resp: 67219
Ion Ratio Lower Upper
131 100
133 97.7 48.0 144.0
119 67.4 32.6 97.7

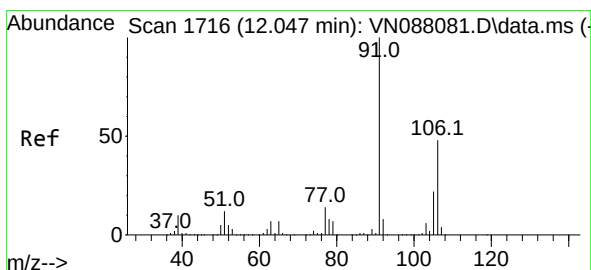
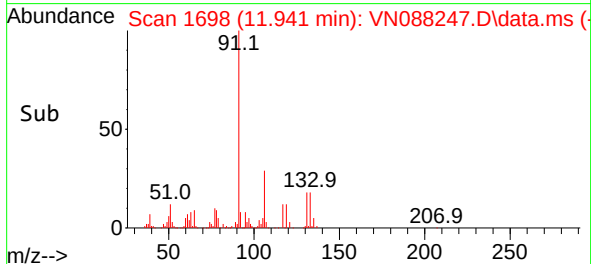
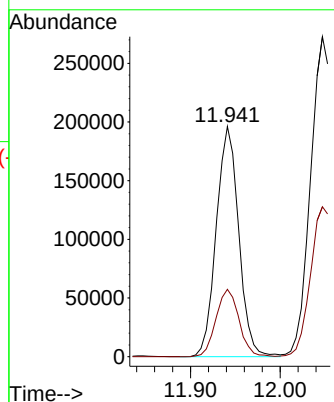
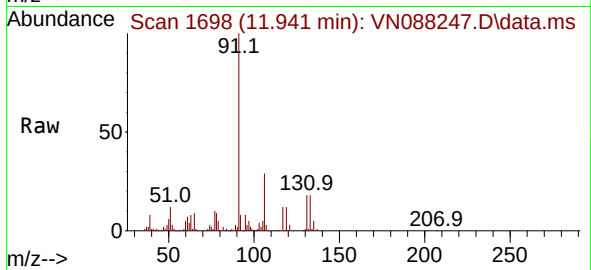




#67
Ethyl Benzene
Concen: 19.711 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

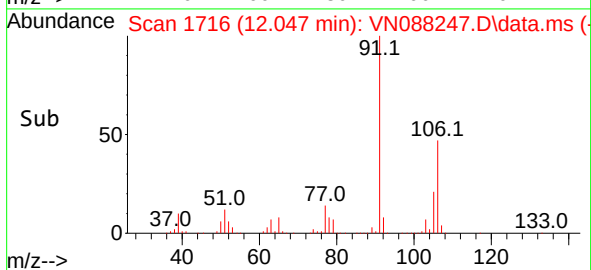
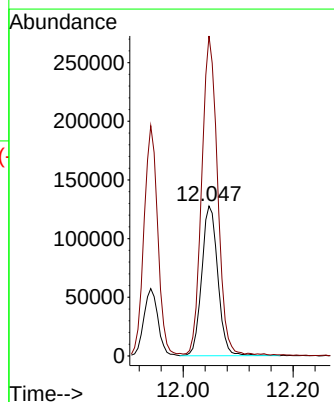
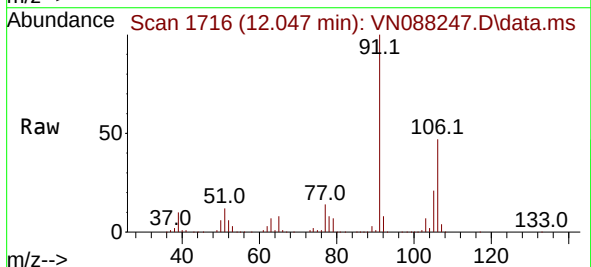
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

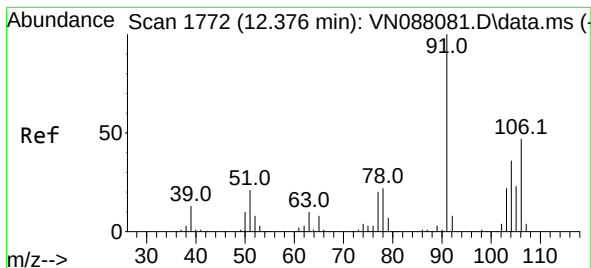
Tgt Ion: 91 Resp: 341448
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1



#68
m/p-Xylenes
Concen: 39.917 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:106 Resp: 259084
Ion Ratio Lower Upper
106 100
91 210.3 169.3 253.9

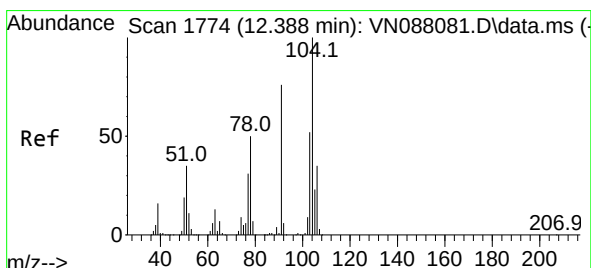
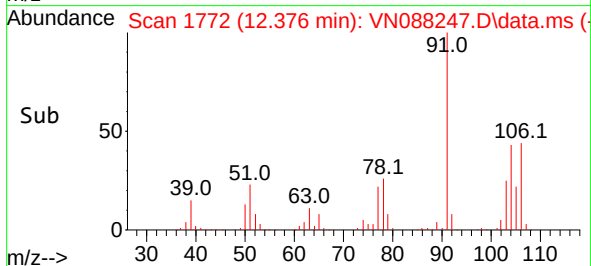
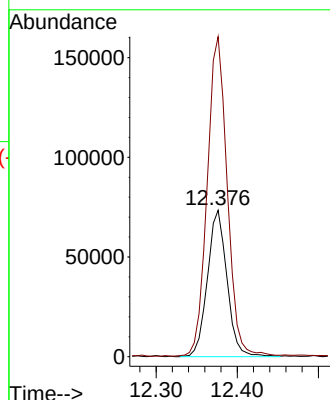
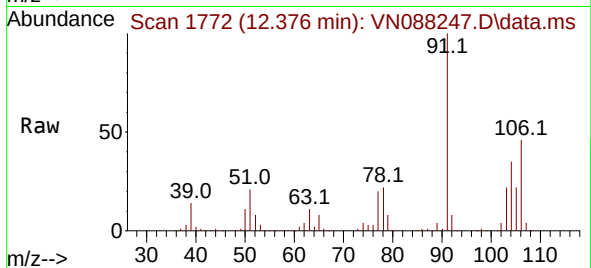




#69
o-Xylene
Concen: 20.003 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

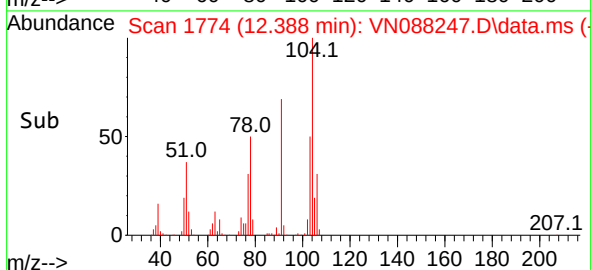
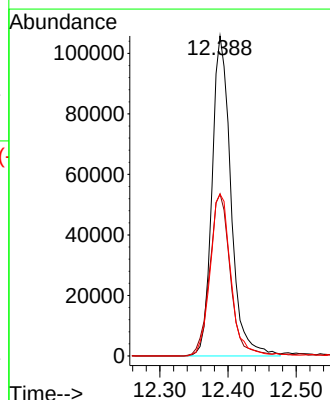
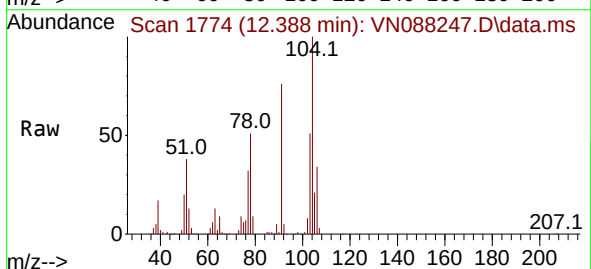
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

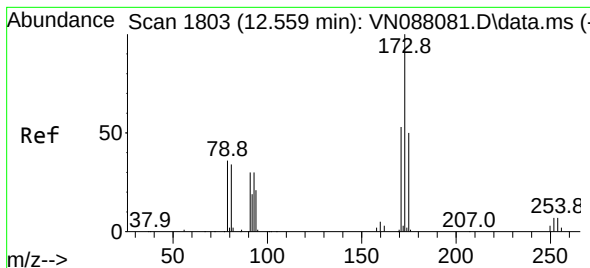
Tgt Ion:106 Resp: 123074
Ion Ratio Lower Upper
106 100
91 223.0 111.4 334.2



#70
Styrene
Concen: 20.393 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion:104 Resp: 204611
Ion Ratio Lower Upper
104 100
78 55.5 42.2 63.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 21.086 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

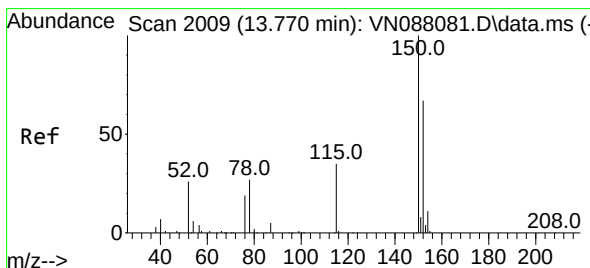
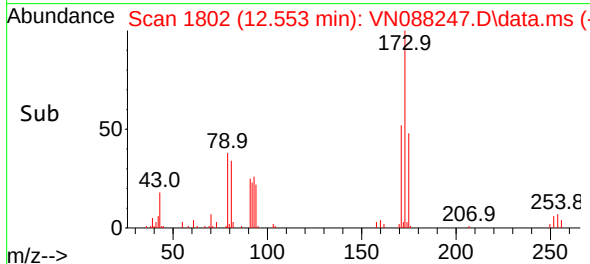
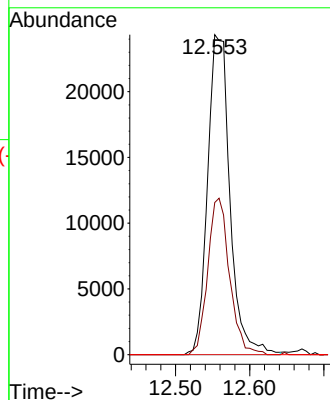
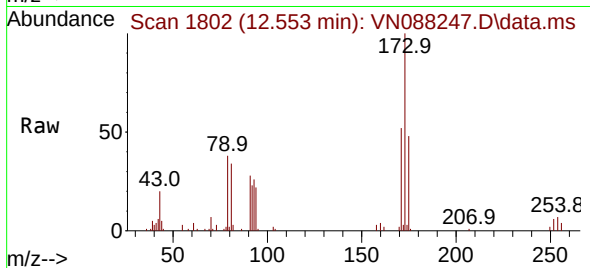
Tgt Ion:173 Resp: 50879

Ion Ratio Lower Upper

173 100

175 47.9 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: VN088247.D

Acq: 11 Nov 2025 11:41

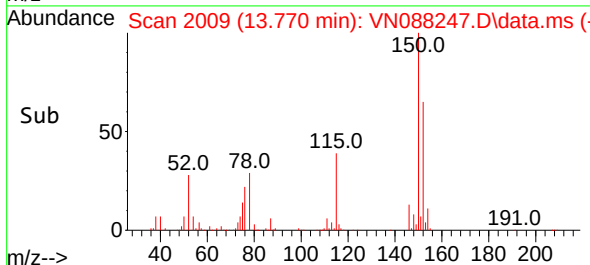
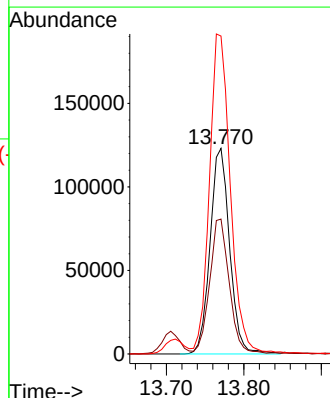
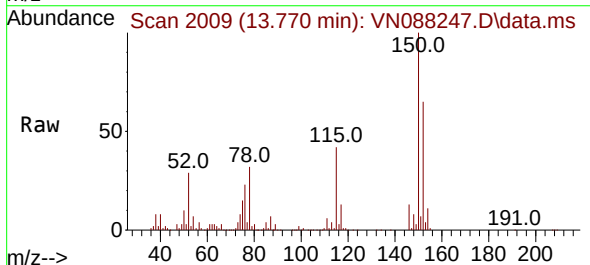
Tgt Ion:152 Resp: 216196

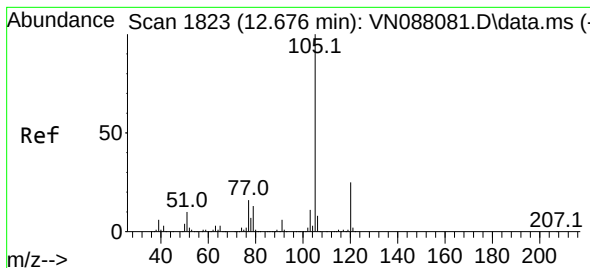
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 167.1 0.0 351.0





#73

Isopropylbenzene

Concen: 19.349 ug/l

RT: 12.670 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

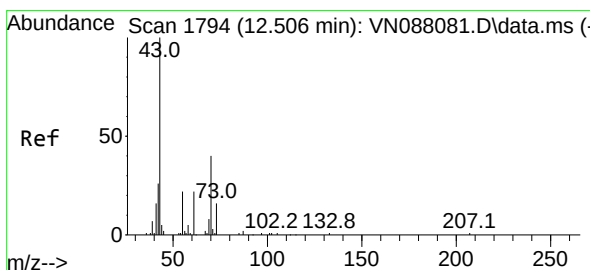
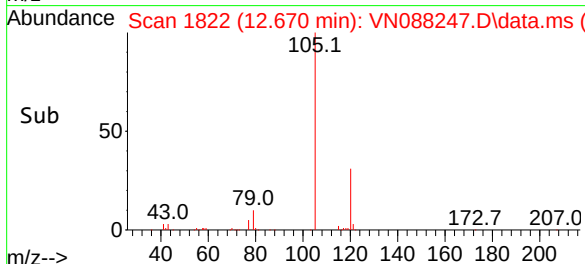
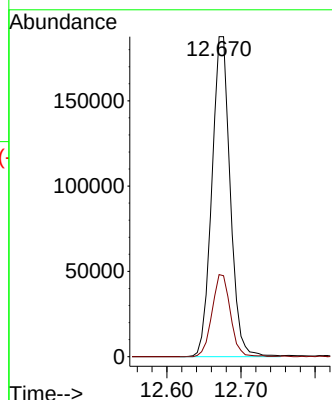
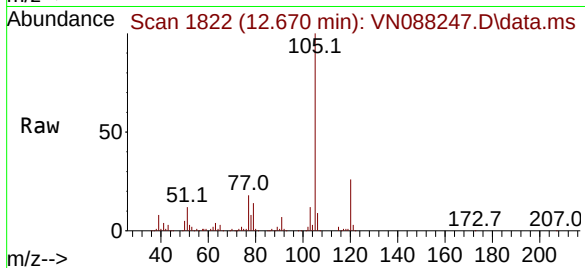
VN1111WBSD01

Tgt Ion:105 Resp: 322638

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 1.813 ug/l

RT: 12.541 min Scan# 1800

Delta R.T. 0.041 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Tgt Ion: 43 Resp: 8581

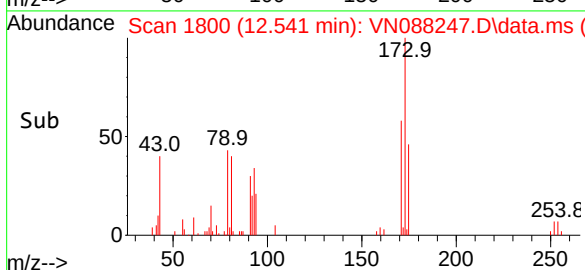
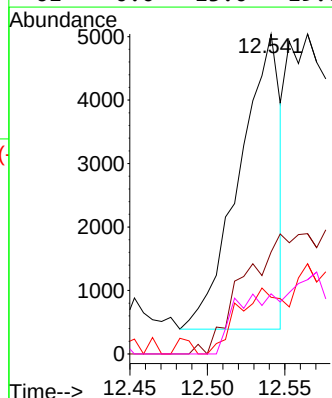
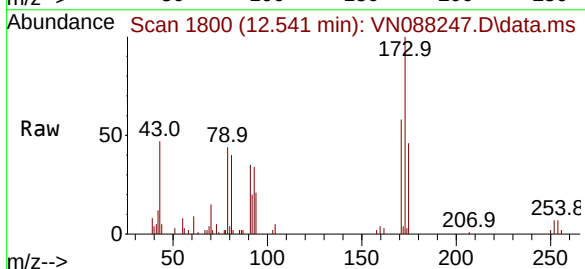
Ion Ratio Lower Upper

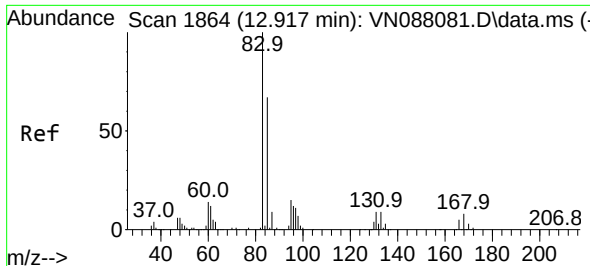
43 100

70 0.0 27.6 41.4#

55 25.5 13.0 19.6#

61 0.0 13.0 19.6#

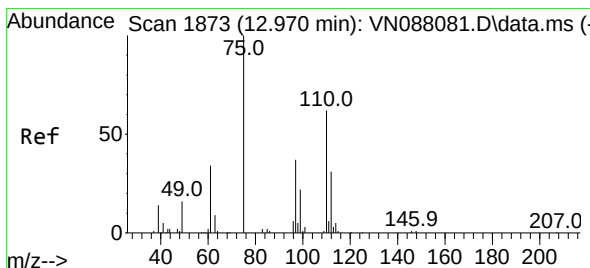
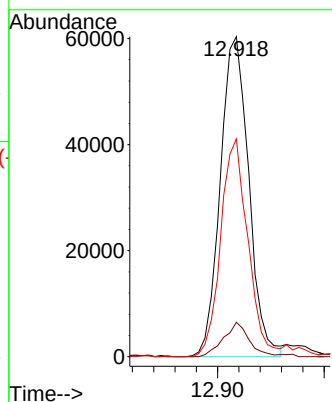
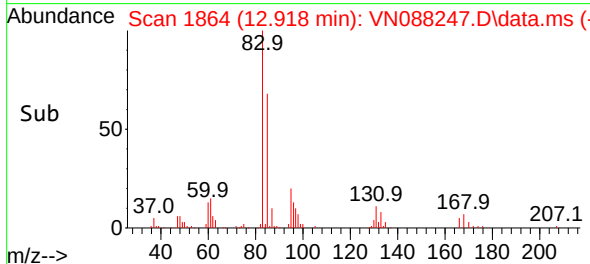
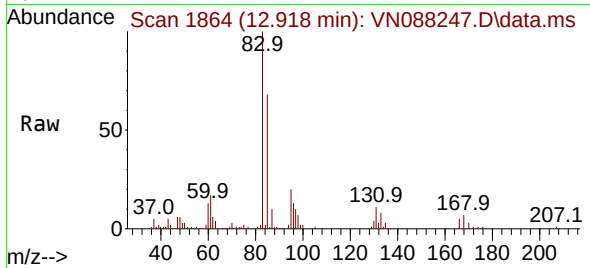




#75
1,1,2,2-Tetrachloroethane
Concen: 21.568 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

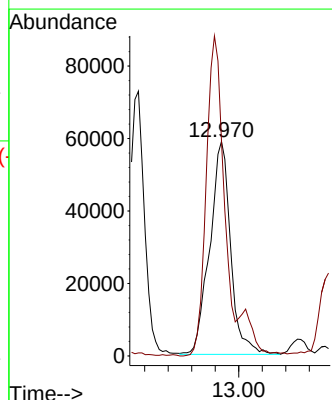
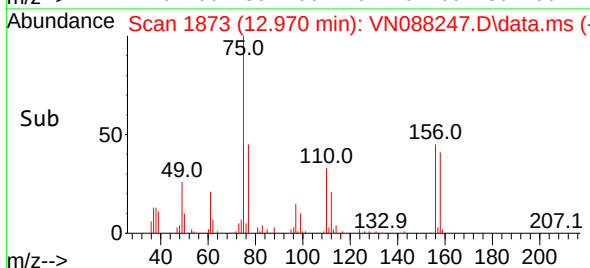
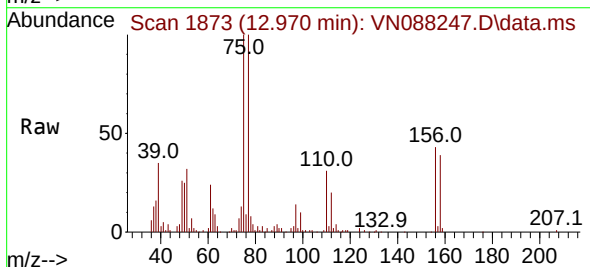
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

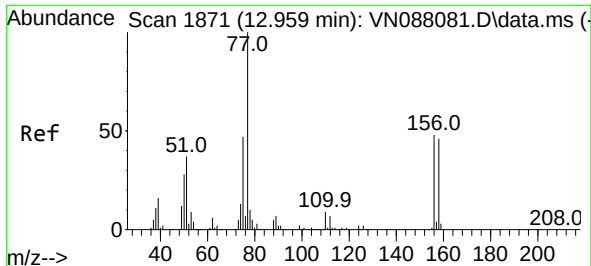
Tgt Ion: 83 Resp: 111965
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 29.396 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 75 Resp: 145304
Ion Ratio Lower Upper
75 100
77 124.9 89.1 267.4

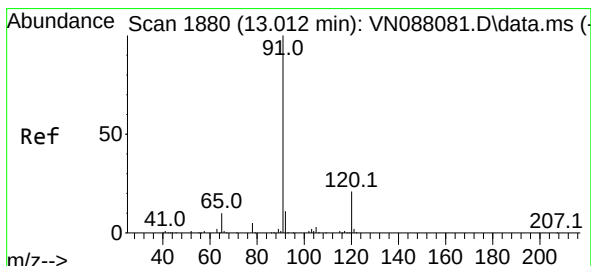
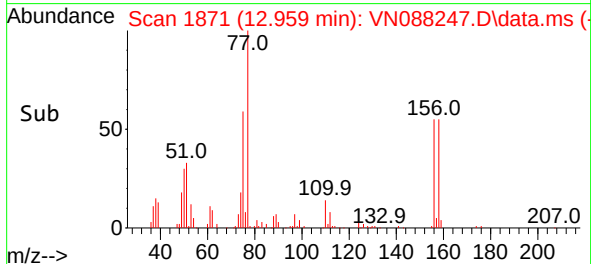
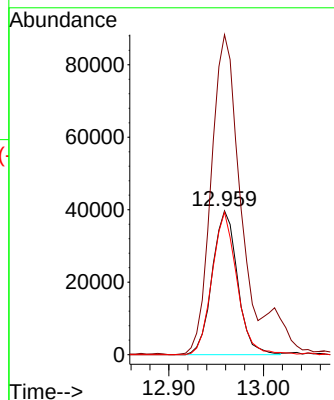
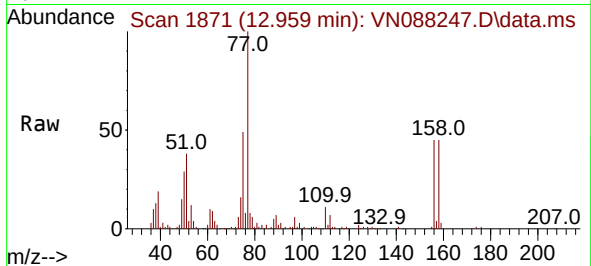




#77
Bromobenzene
Concen: 20.484 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

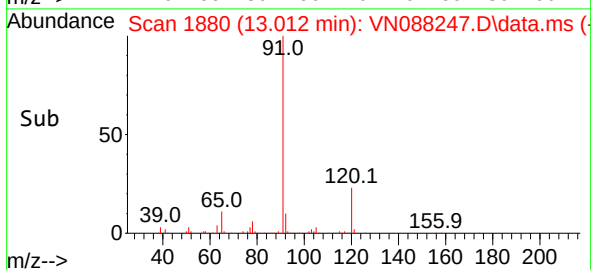
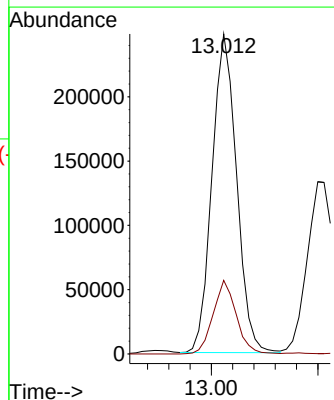
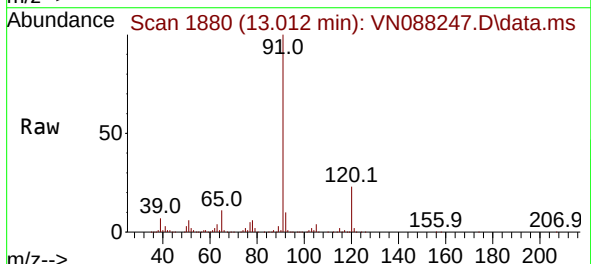
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

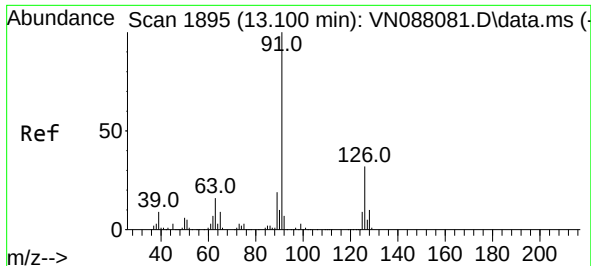
Tgt Ion:156 Resp: 73655
Ion Ratio Lower Upper
156 100
77 246.4 119.3 358.0
158 97.8 48.2 144.6



#78
n-propylbenzene
Concen: 19.496 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 91 Resp: 396726
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1

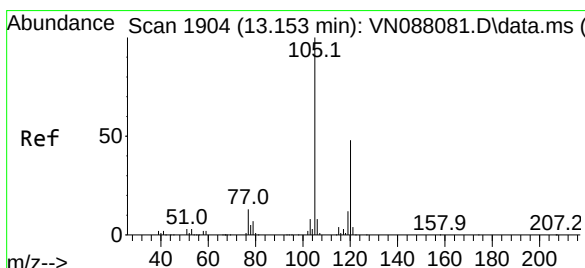
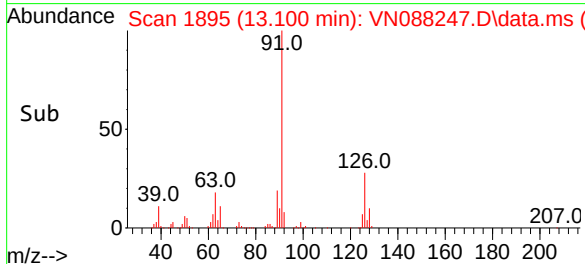
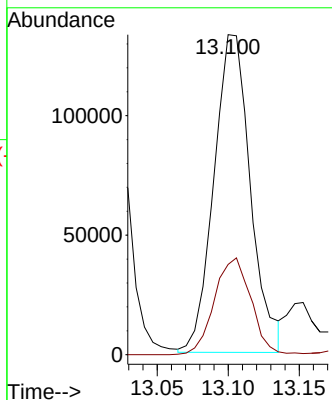
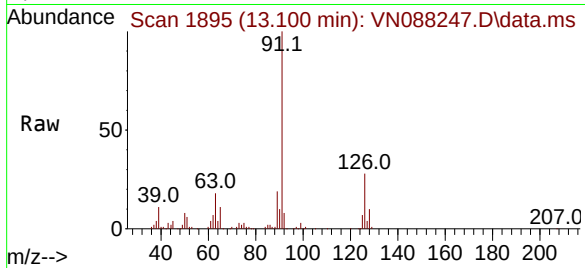




#79
2-Chlorotoluene
Concen: 20.555 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

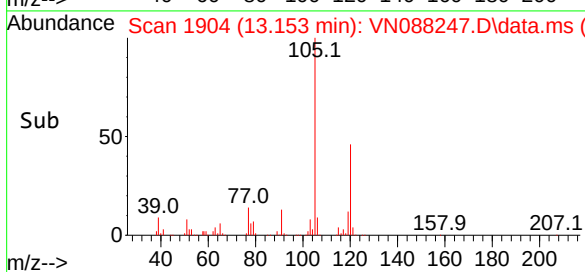
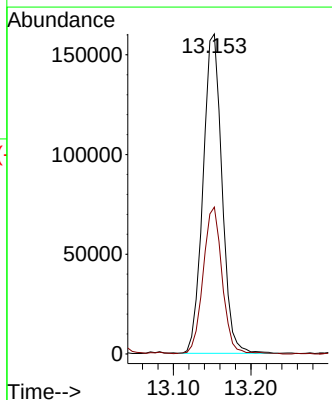
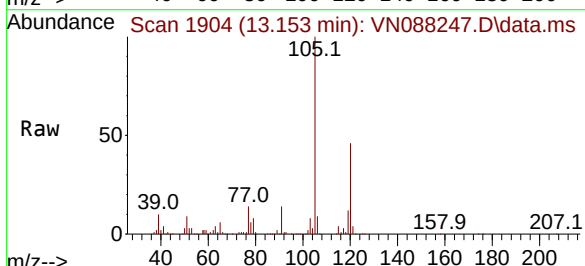
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

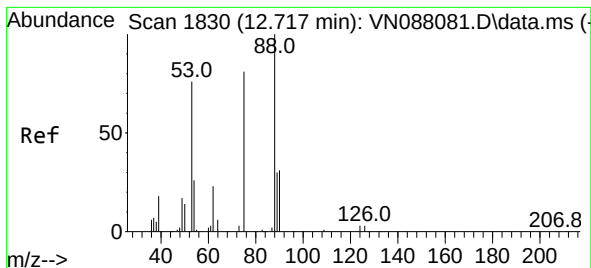
Tgt Ion: 91 Resp: 238531
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 19.637 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 105 Resp: 271939
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6

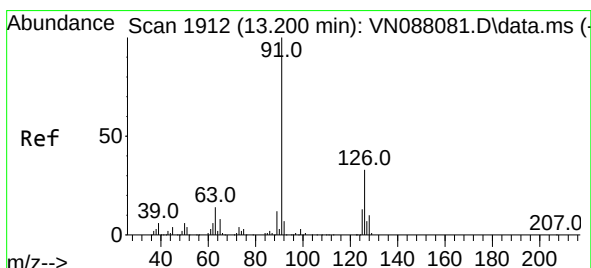
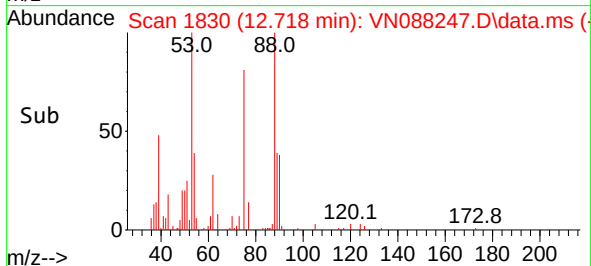
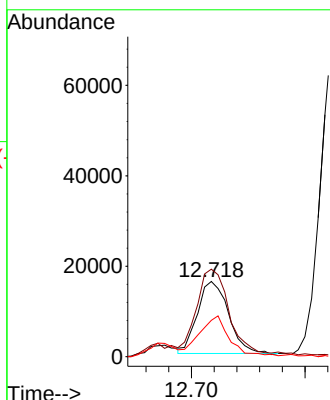
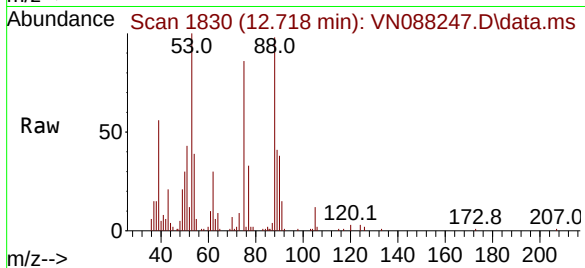




#81
trans-1,4-Dichloro-2-butene
Concen: 17.021 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

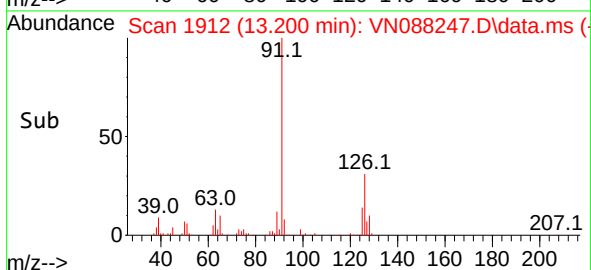
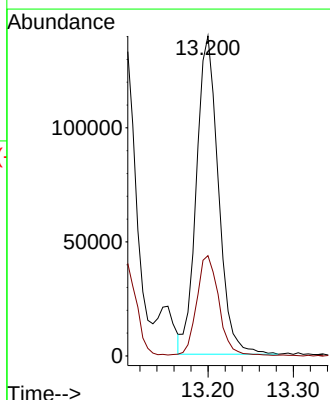
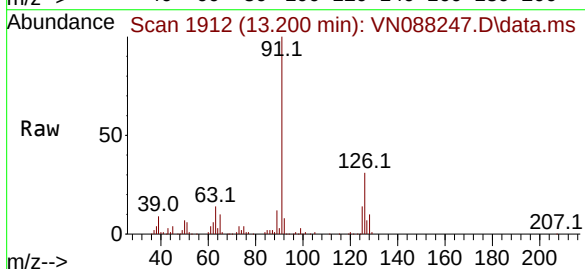
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

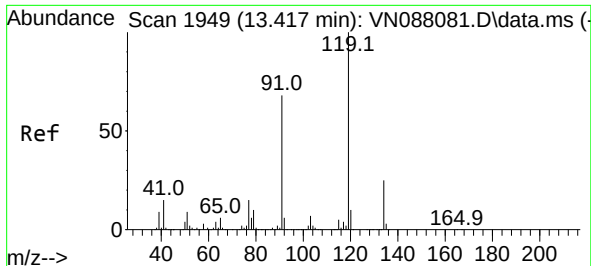
Tgt Ion: 75 Resp: 30161
Ion Ratio Lower Upper
75 100
53 122.2 101.8 152.6
89 53.5 35.6 53.4#



#82
4-Chlorotoluene
Concen: 19.935 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088247.D
Acq: 11 Nov 2025 11:41

Tgt Ion: 91 Resp: 250285
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8

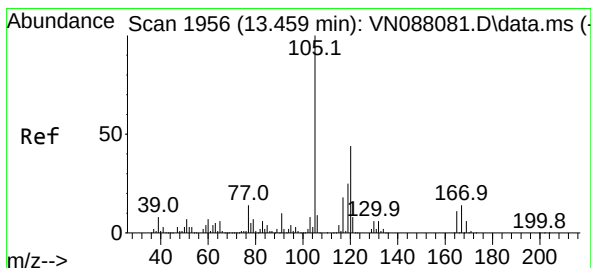
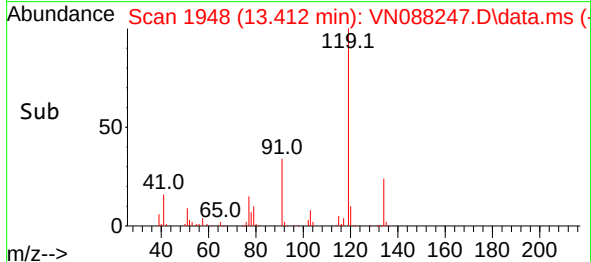
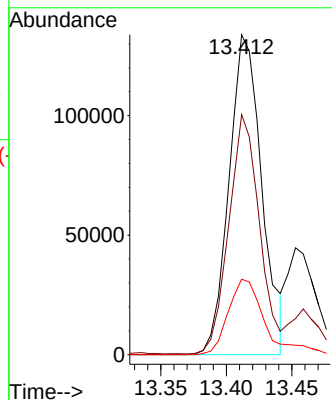
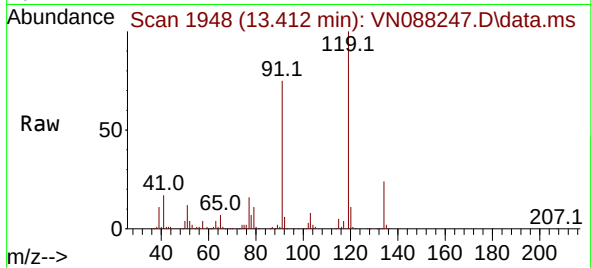




#83
 tert-Butylbenzene
 Concen: 18.828 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

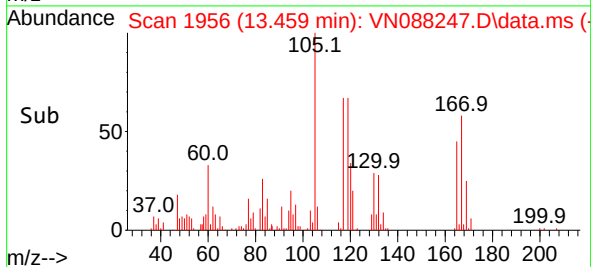
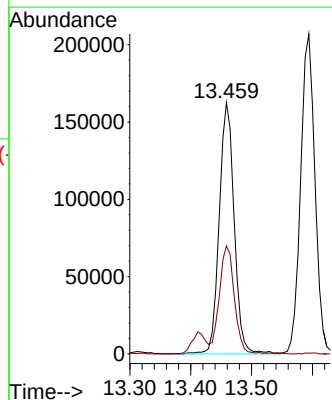
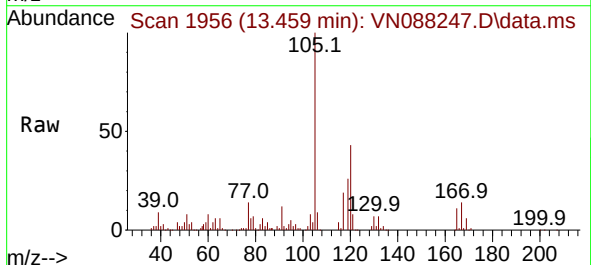
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

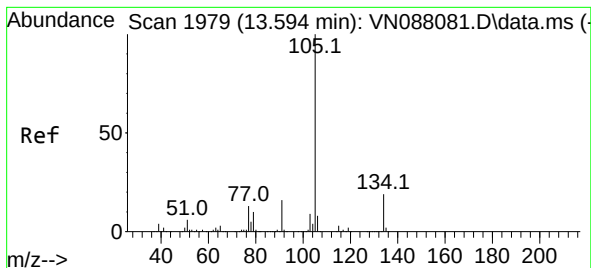
Tgt Ion:119 Resp: 232917
 Ion Ratio Lower Upper
 119 100
 91 69.8 35.0 105.0
 134 26.4 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.025 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

Tgt Ion:105 Resp: 277454
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.641 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

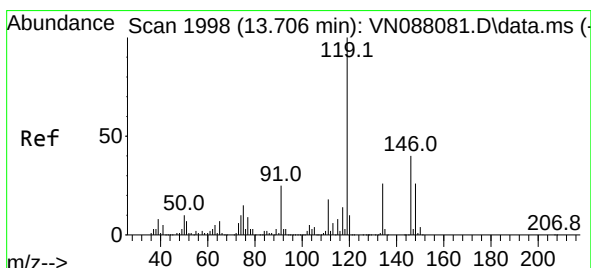
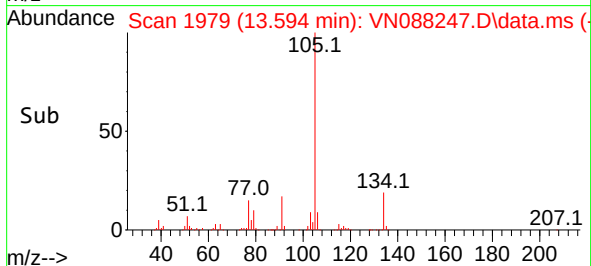
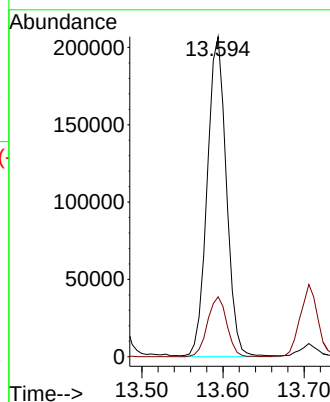
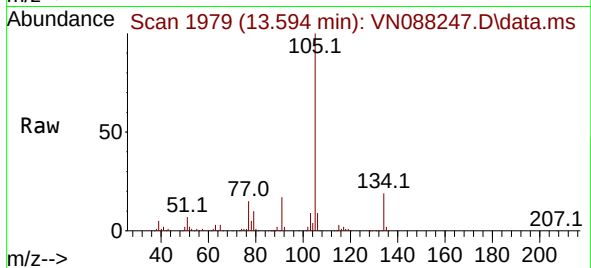
VN1111WBSD01

Tgt Ion:105 Resp: 338805

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.193 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

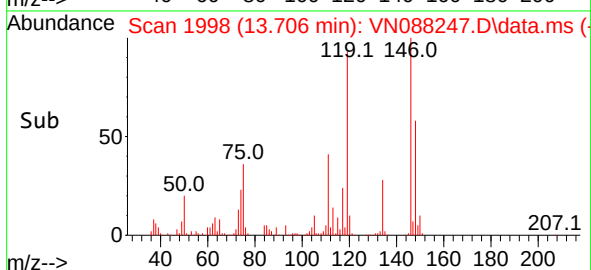
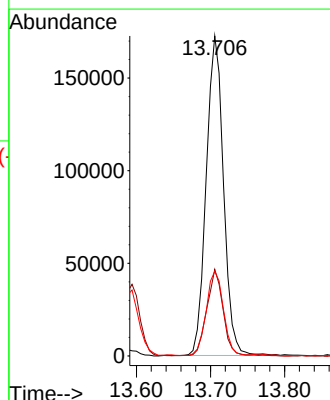
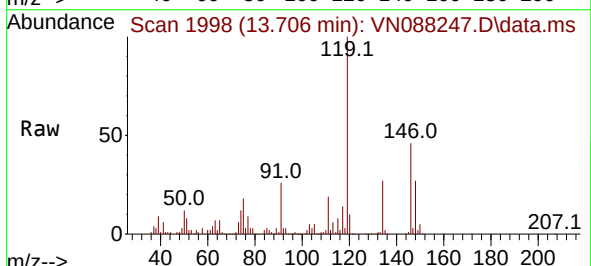
Tgt Ion:119 Resp: 279835

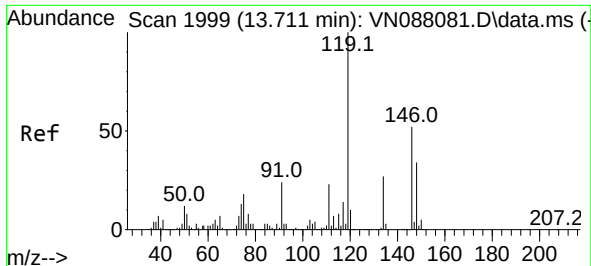
Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 26.2 12.5 37.5

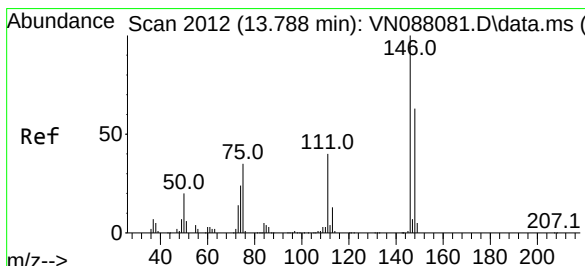
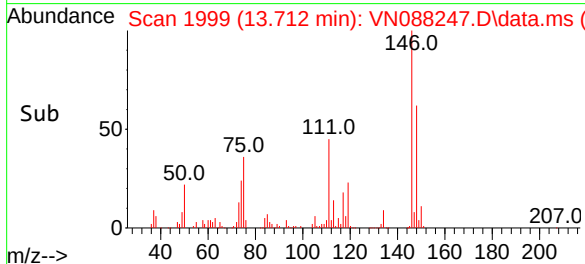
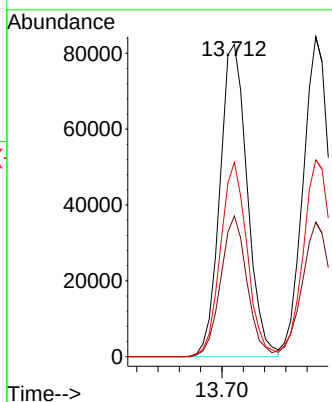
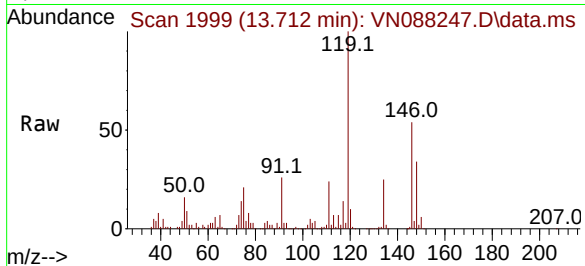




#87
 1,3-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

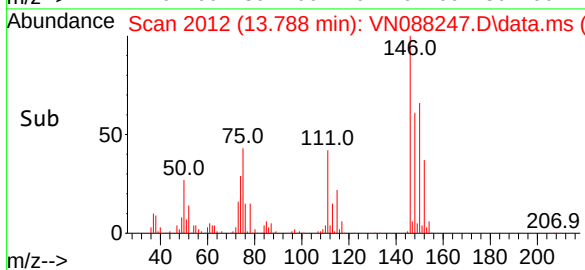
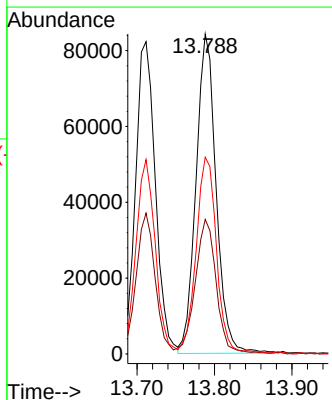
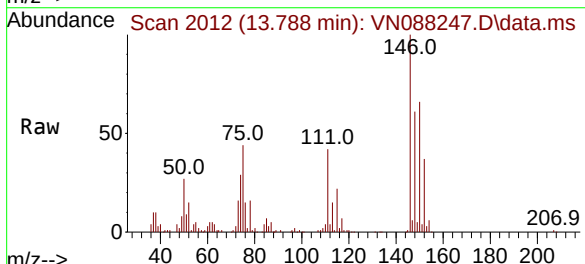
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

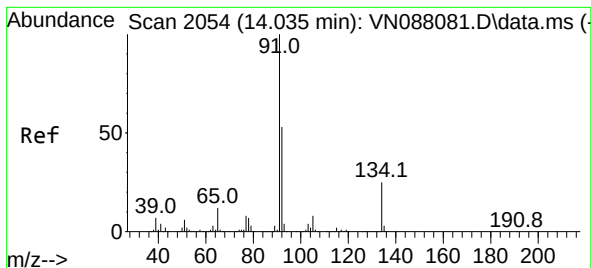
Tgt Ion:146 Resp: 147114
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.5
 148 60.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.701 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN088247.D
 Acq: 11 Nov 2025 11:41

Tgt Ion:146 Resp: 151888
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.0 63.0
 148 61.9 32.0 96.0





#89

n-Butylbenzene

Concen: 18.994 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

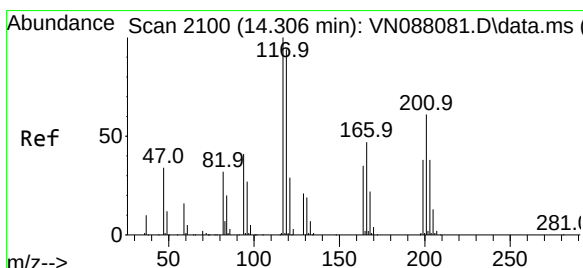
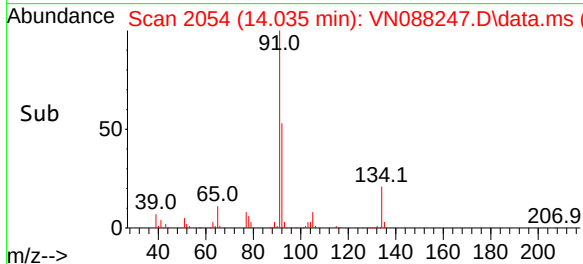
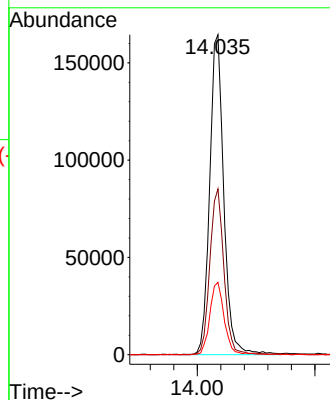
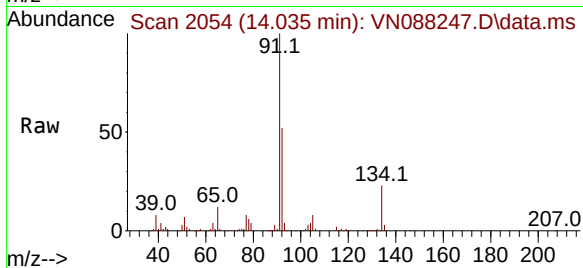
Tgt Ion: 91 Resp: 274317

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 23.1 11.7 35.0



#90

Hexachloroethane

Concen: 18.886 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088247.D

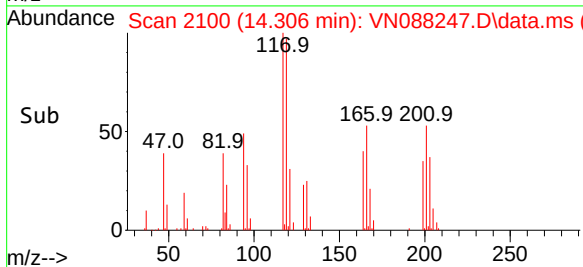
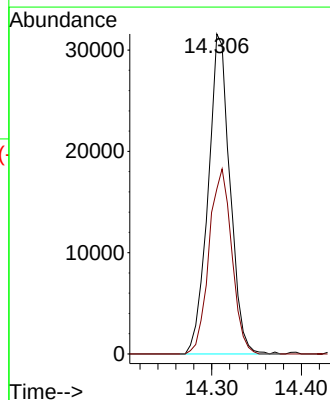
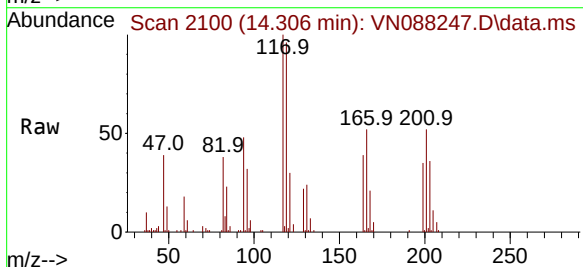
Acq: 11 Nov 2025 11:41

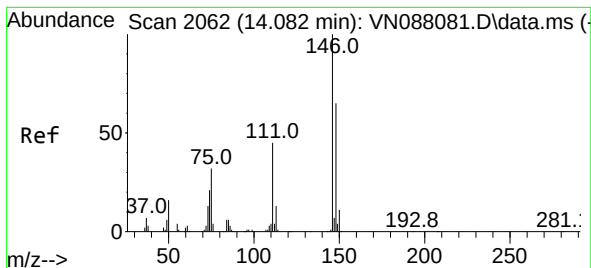
Tgt Ion: 117 Resp: 53324

Ion Ratio Lower Upper

117 100

201 60.2 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 20.540 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

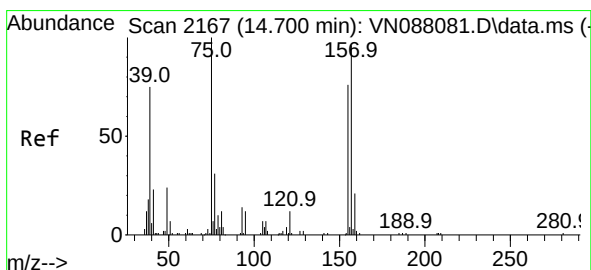
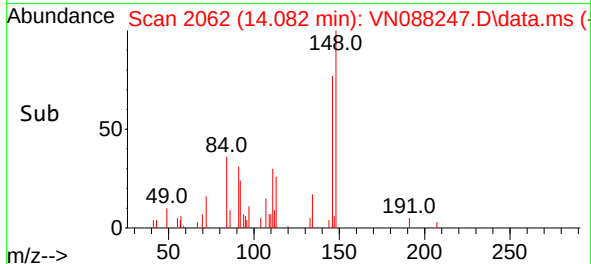
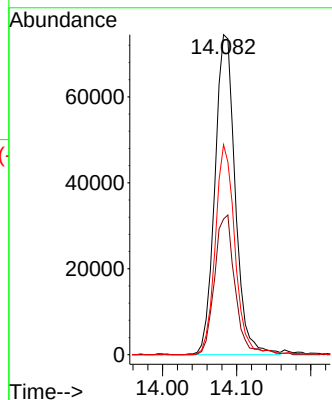
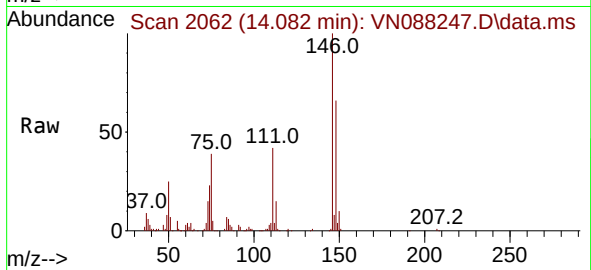
Tgt Ion:146 Resp: 142122

Ion Ratio Lower Upper

146 100

111 44.1 22.6 67.8

148 63.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.209 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

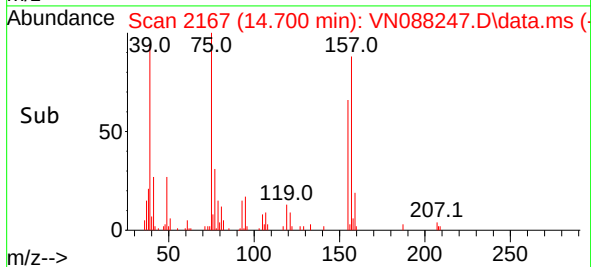
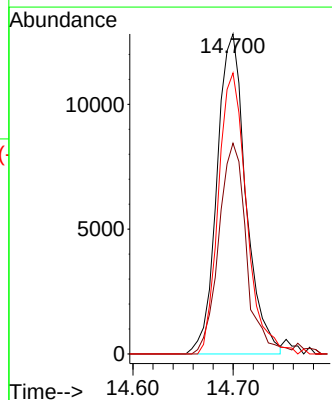
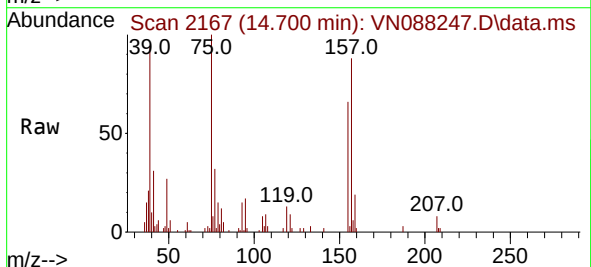
Tgt Ion: 75 Resp: 25627

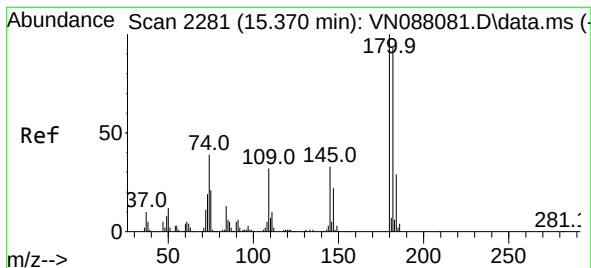
Ion Ratio Lower Upper

75 100

155 63.2 36.6 109.9

157 85.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.429 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

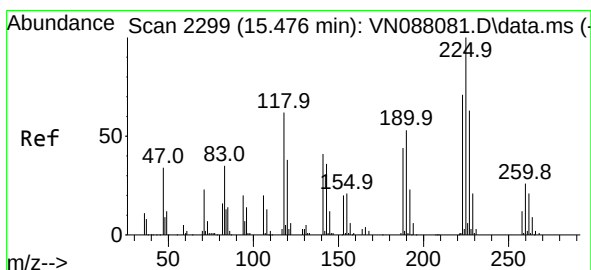
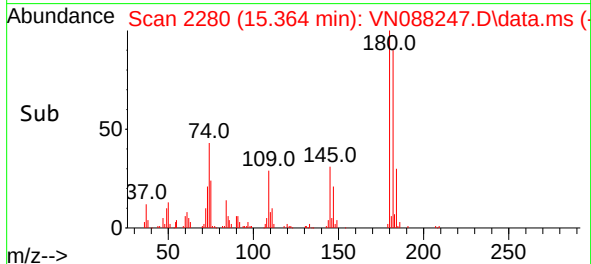
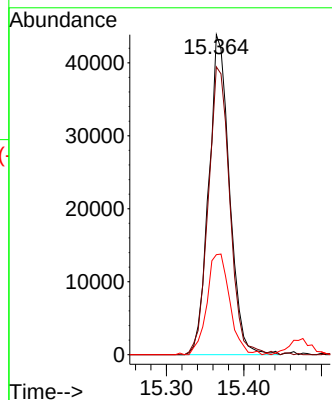
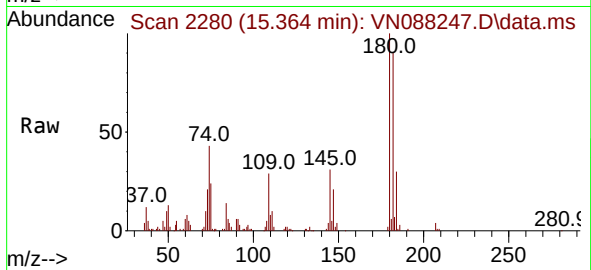
Tgt Ion:180 Resp: 81418

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 34.8 16.5 49.5



#94

Hexachlorobutadiene

Concen: 19.532 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

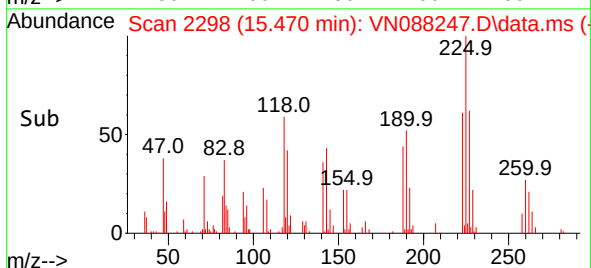
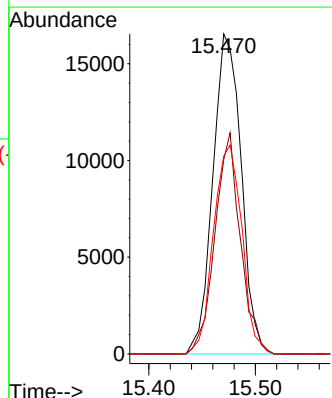
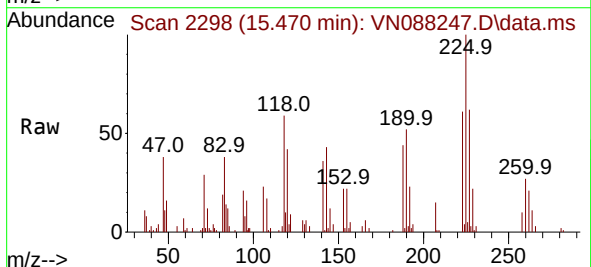
Tgt Ion:225 Resp: 30480

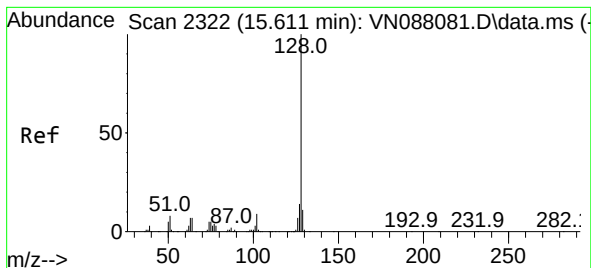
Ion Ratio Lower Upper

225 100

223 62.2 32.0 96.2

227 65.6 32.1 96.5





#95

Naphthalene

Concen: 19.018 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

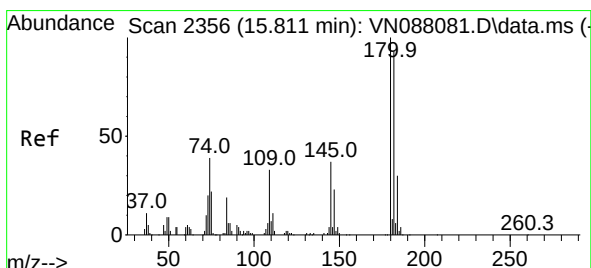
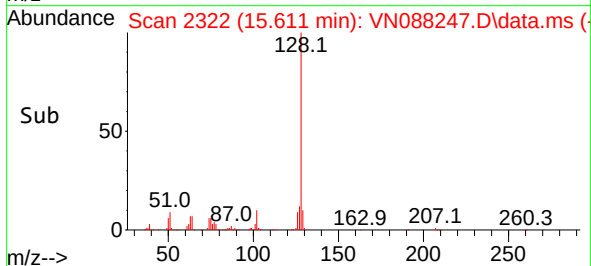
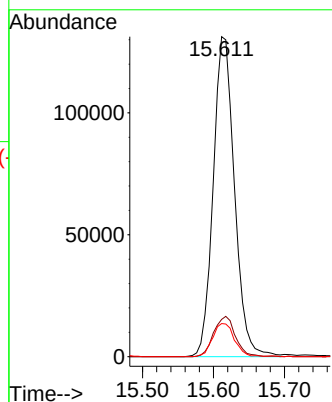
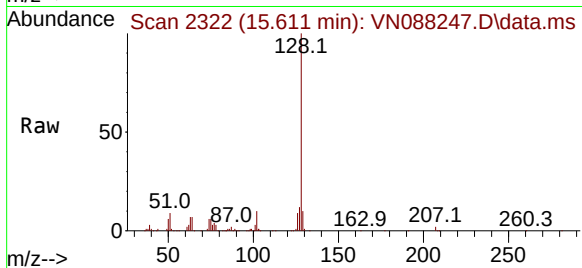
Tgt Ion:128 Resp: 273010

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.684 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088247.D

Acq: 11 Nov 2025 11:41

Tgt Ion:180 Resp: 75072

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.3

145 35.1 17.3 52.0

