

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
 Data File : VN088265.D
 Acq On : 12 Nov 2025 10:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:05:58 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	249457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	447443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	404372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	256002	59.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.700%	
35) Dibromofluoromethane	8.147	113	175077	58.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.480%	
50) Toluene-d8	10.541	98	635383	54.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.823	95	232209	56.768	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	140157	49.809	ug/l	97
3) Chloromethane	2.383	50	163488	49.386	ug/l	96
4) Vinyl Chloride	2.536	62	179017	49.631	ug/l	96
5) Bromomethane	2.965	94	102256	47.397	ug/l	88
6) Chloroethane	3.136	64	119826	46.109	ug/l	98
7) Trichlorofluoromethane	3.512	101	282764	49.151	ug/l	100
8) Diethyl Ether	3.959	74	111472	52.135	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	152724	51.447	ug/l	97
10) Methyl Iodide	4.583	142	153578	56.609	ug/l	96
11) Tert butyl alcohol	5.518	59	189384	254.841	ug/l	98
12) 1,1-Dichloroethene	4.342	96	148280	47.292	ug/l	98
13) Acrolein	4.171	56	206757	247.344	ug/l	99
14) Allyl chloride	5.012	41	291334	53.012	ug/l	100
15) Acrylonitrile	5.706	53	590035	291.477	ug/l	99
16) Acetone	4.418	43	641189	295.873	ug/l	99
17) Carbon Disulfide	4.706	76	443060	46.486	ug/l	98
18) Methyl Acetate	5.018	43	282371	63.646	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	633940	55.055	ug/l	98
20) Methylene Chloride	5.265	84	194174	53.377	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	172011	49.980	ug/l	98
22) Diisopropyl ether	6.659	45	666531	57.670	ug/l	97
23) Vinyl Acetate	6.588	43	3026114	290.668	ug/l	99
24) 1,1-Dichloroethane	6.553	63	366002	57.168	ug/l	97
25) 2-Butanone	7.471	43	843285	295.275	ug/l	100
26) 2,2-Dichloropropane	7.471	77	315573	54.241	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	208966	52.742	ug/l	93
28) Bromochloromethane	7.794	49	172565	57.045	ug/l	94
29) Tetrahydrofuran	7.824	42	524322	281.709	ug/l	98
30) Chloroform	7.947	83	368696	57.646	ug/l	98
31) Cyclohexane	8.235	56	297885	49.334	ug/l	92
32) 1,1,1-Trichloroethane	8.147	97	312120	54.792	ug/l	97
36) 1,1-Dichloropropene	8.353	75	248409	56.598	ug/l	100
37) Ethyl Acetate	7.547	43	328655	58.026	ug/l	98
38) Carbon Tetrachloride	8.341	117	263371	58.099	ug/l	100
39) Methylcyclohexane	9.582	83	267432	47.404	ug/l	98
40) Benzene	8.588	78	748750	56.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	174721	58.611	ug/l	98
42) 1,2-Dichloroethane	8.653	62	301188	63.417	ug/l	97
43) Isopropyl Acetate	8.671	43	529094	60.792	ug/l	99
44) Trichloroethene	9.329	130	168931	54.070	ug/l	98
45) 1,2-Dichloropropane	9.600	63	199783	59.203	ug/l	98
46) Dibromomethane	9.688	93	141171	58.657	ug/l	97
47) Bromodichloromethane	9.865	83	295312	61.287	ug/l	99
48) Methyl methacrylate	9.665	41	247168	61.512	ug/l	99
49) 1,4-Dioxane	9.682	88	58392	1168.411	ug/l #	93
51) 4-Methyl-2-Pentanone	10.423	43	1633760	317.310	ug/l	99
52) Toluene	10.606	92	462024	56.063	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	309902	60.428	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	322761	59.309	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	180623	57.770	ug/l	97
56) Ethyl methacrylate	10.853	69	306322	61.910	ug/l	98
57) 1,3-Dichloropropane	11.141	76	327904	59.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	884387	343.632	ug/l	97
59) 2-Hexanone	11.176	43	1128516	330.403	ug/l	98
60) Dibromochloromethane	11.335	129	214582	60.383	ug/l	98
61) 1,2-Dibromoethane	11.447	107	184459	57.325	ug/l	100
64) Tetrachloroethene	11.082	164	140028	52.498	ug/l	94
65) Chlorobenzene	11.870	112	505385	55.041	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	175689	58.403	ug/l	98
67) Ethyl Benzene	11.941	91	890460	55.249	ug/l	100
68) m/p-Xylenes	12.047	106	667106	110.469	ug/l	100
69) o-Xylene	12.376	106	322415	56.321	ug/l	100
70) Styrene	12.388	104	548902	58.800	ug/l	97
71) Bromoform	12.553	173	129912	57.869	ug/l #	100
73) Isopropylbenzene	12.670	105	837014	51.480	ug/l	100
74) N-amyl acetate	12.500	43	160990	34.880	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.912	83	277017	54.726	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	380252	78.896	ug/l	62
77) Bromobenzene	12.959	156	193007	55.049	ug/l	97
78) n-propylbenzene	13.012	91	1048959	52.867	ug/l	100
79) 2-Chlorotoluene	13.100	91	630932	55.759	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	726271	53.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	92207	53.368	ug/l	88
82) 4-Chlorotoluene	13.200	91	661286	54.018	ug/l	97
83) tert-Butylbenzene	13.412	119	614182	50.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	735369	54.431	ug/l	99
85) sec-Butylbenzene	13.594	105	887674	50.089	ug/l	100
86) p-Isopropyltoluene	13.706	119	751409	52.854	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	379388	54.205	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	385634	51.299	ug/l	99
89) n-Butylbenzene	14.029	91	713923	50.696	ug/l	99
90) Hexachloroethane	14.306	117	140098	50.887	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	361282	53.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	64439	54.694	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	206420	50.519	ug/l	99
94) Hexachlorobutadiene	15.470	225	78662	51.697	ug/l	97
95) Naphthalene	15.611	128	715747	51.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196629	50.189	ug/l	97

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ClientSampleId :
VSTDCCC050

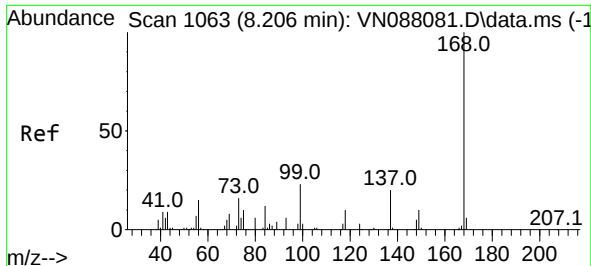
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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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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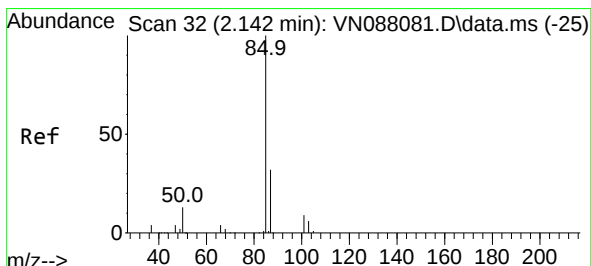
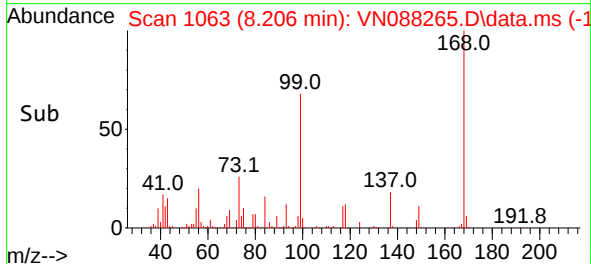
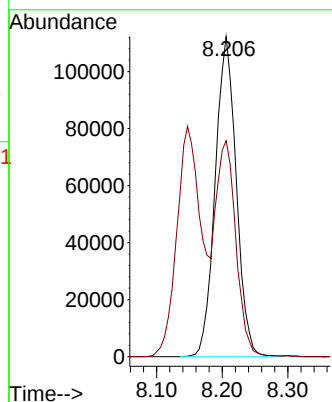
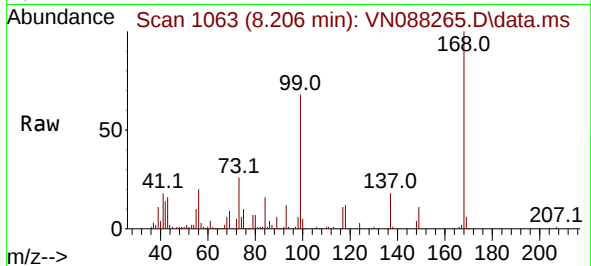




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088265.D
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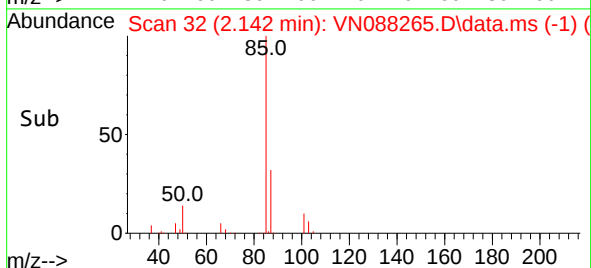
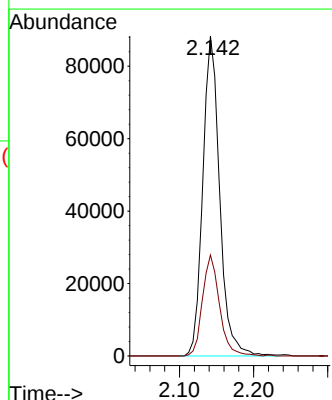
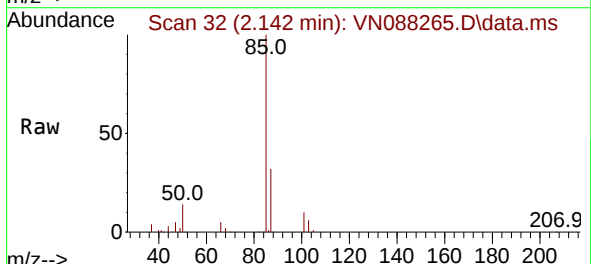
Instrument :
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ClientSampleId :
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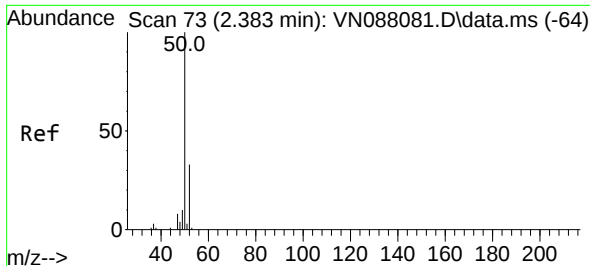
Tgt Ion:168 Resp: 249457
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 49.809 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 85 Resp: 140157
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

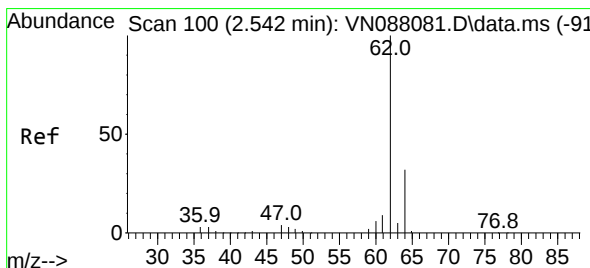
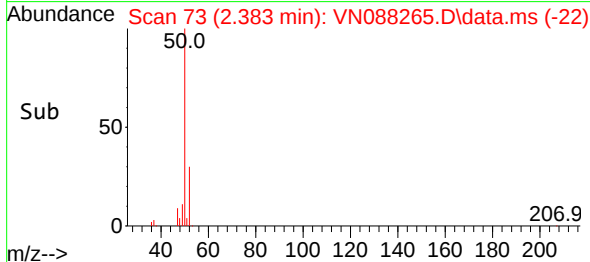
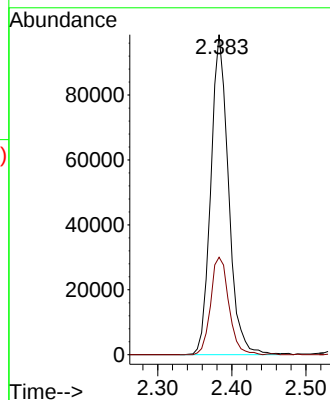
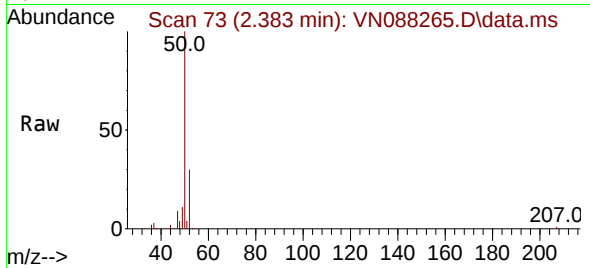




#3
Chloromethane
Concen: 49.386 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

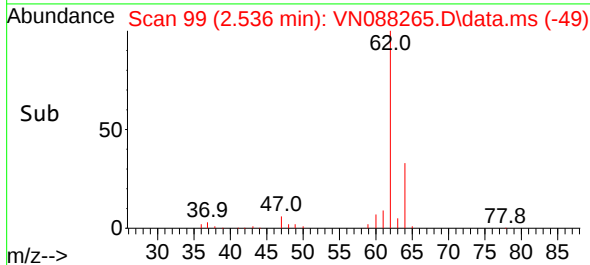
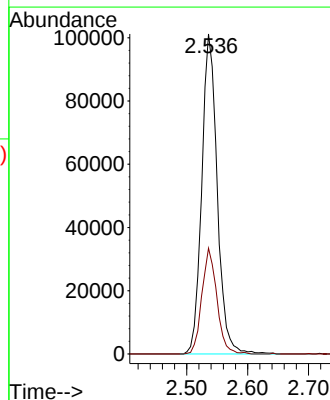
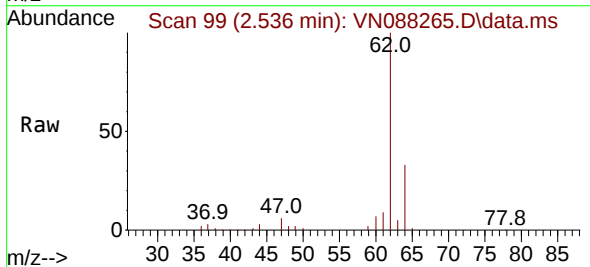
Instrument :
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ClientSampleId :
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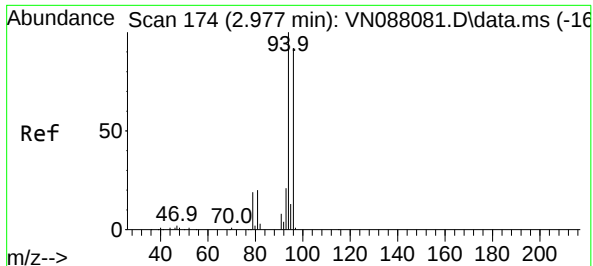
Tgt Ion: 50 Resp: 163488
Ion Ratio Lower Upper
50 100
52 30.5 26.2 39.4



#4
Vinyl Chloride
Concen: 49.631 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 62 Resp: 179017
Ion Ratio Lower Upper
62 100
64 33.0 24.6 37.0

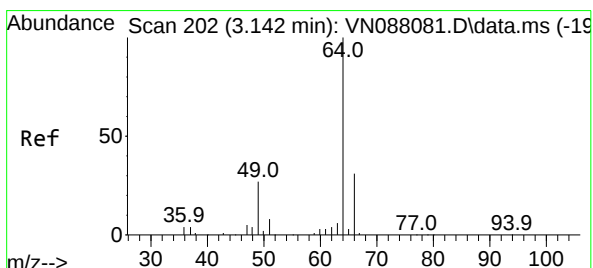
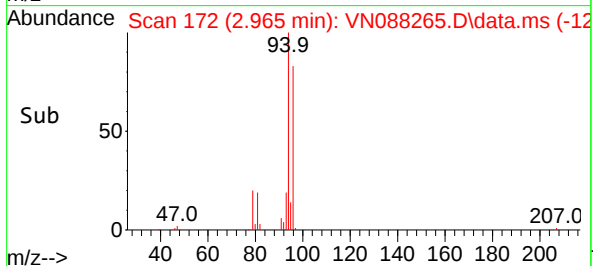
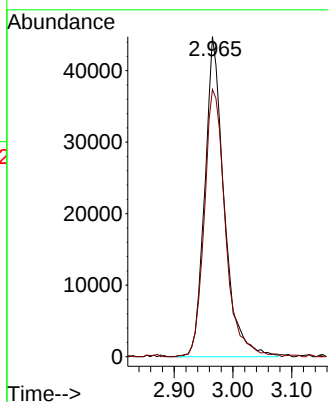
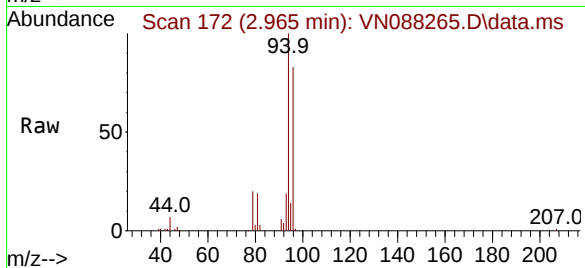




#5
Bromomethane
Concen: 47.397 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

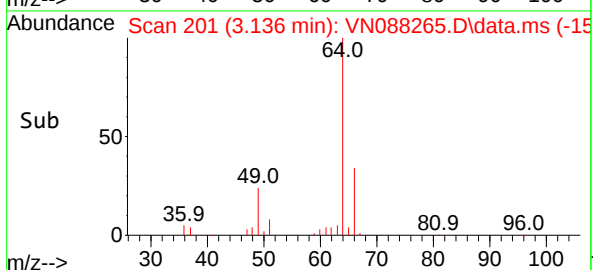
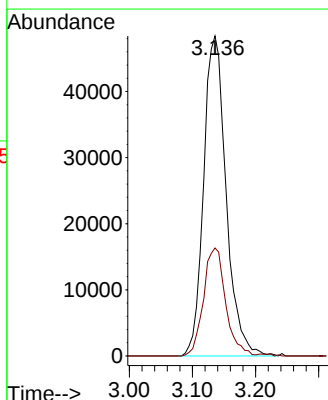
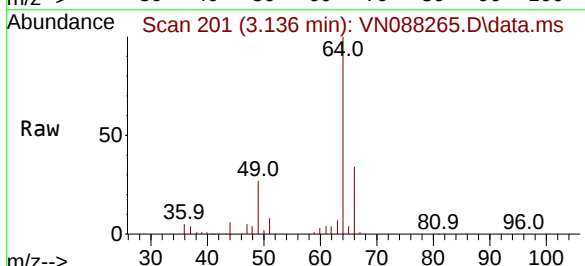
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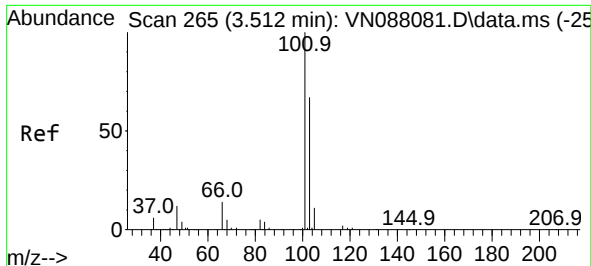
Tgt Ion: 94 Resp: 102256
Ion Ratio Lower Upper
94 100
96 83.1 75.4 113.2



#6
Chloroethane
Concen: 46.109 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 64 Resp: 119826
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.2

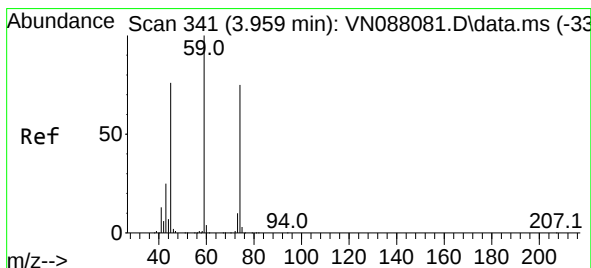
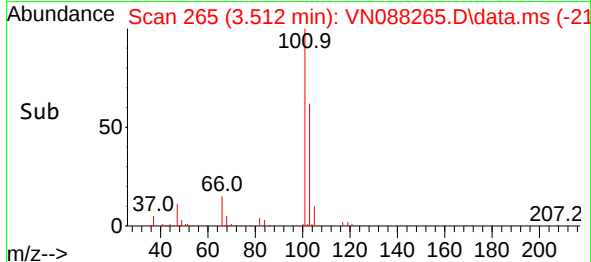
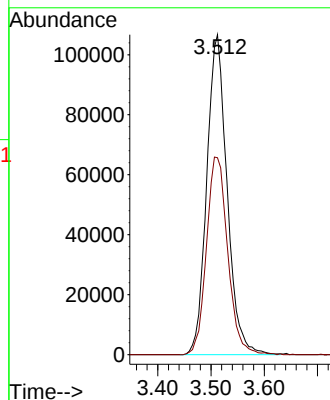
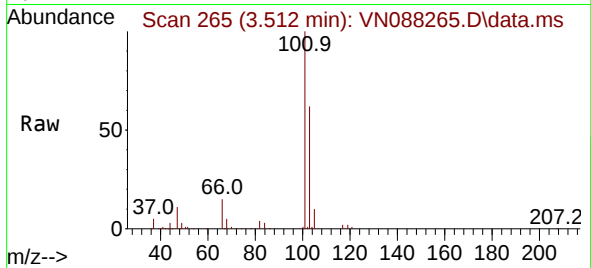




#7
Trichlorofluoromethane
Concen: 49.151 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

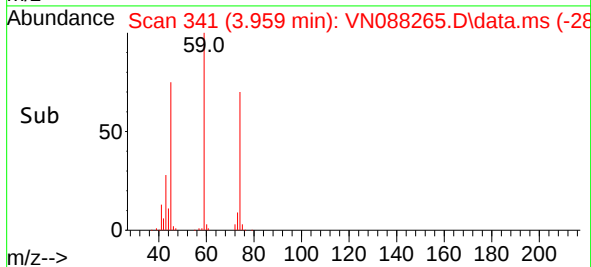
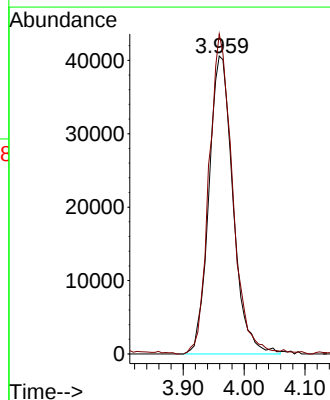
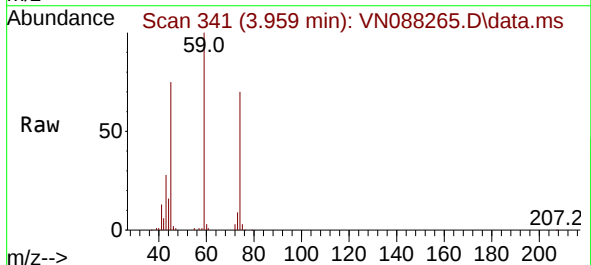
Instrument :
MSVOA_N
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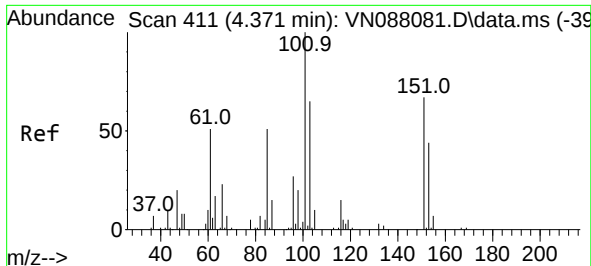
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Ion Ratio Lower Upper
101 100
103 61.6 49.4 74.0



#8
Diethyl Ether
Concen: 52.135 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 74 Resp: 111472
Ion Ratio Lower Upper
74 100
45 105.0 50.6 151.9

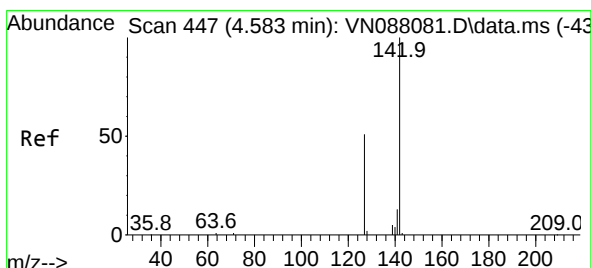
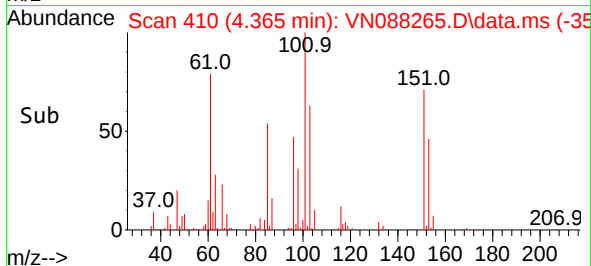
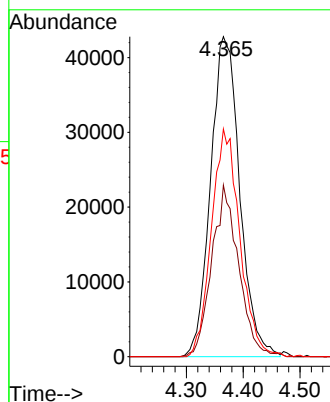
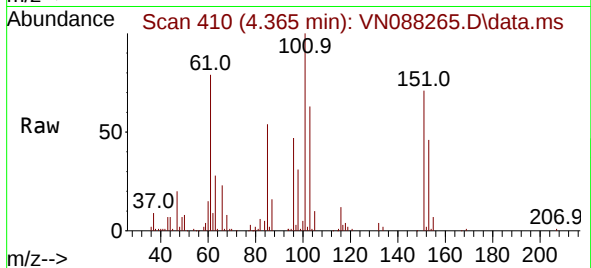




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.447 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

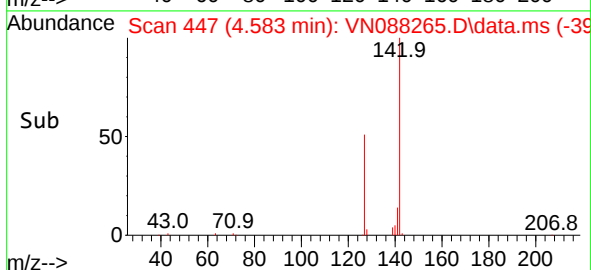
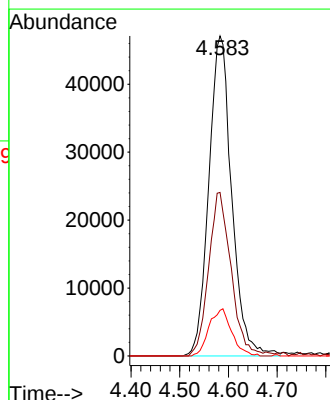
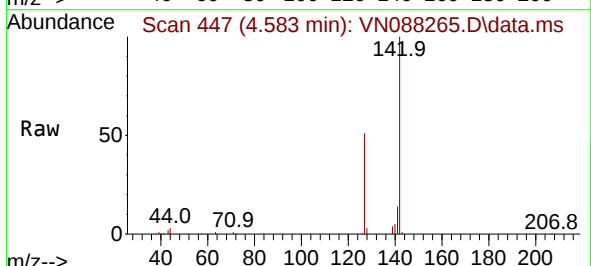
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

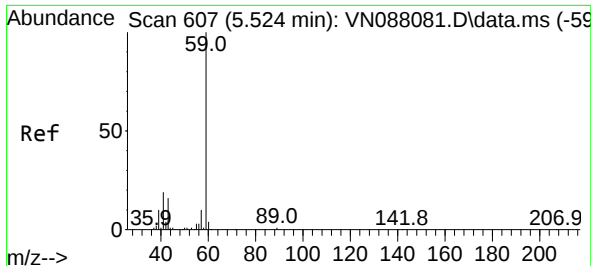
Tgt Ion:101 Resp: 152724
Ion Ratio Lower Upper
101 100
85 49.3 36.6 55.0
151 69.0 54.7 82.1



#10
Methyl Iodide
Concen: 56.609 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:142 Resp: 153578
Ion Ratio Lower Upper
142 100
127 51.1 38.0 57.0
141 14.2 12.0 18.0

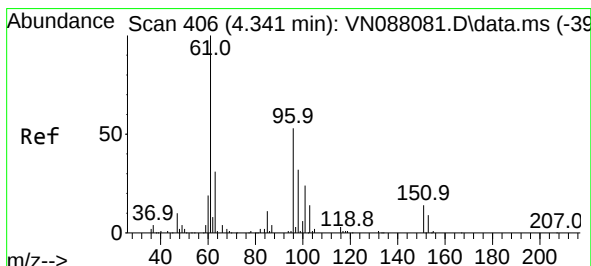
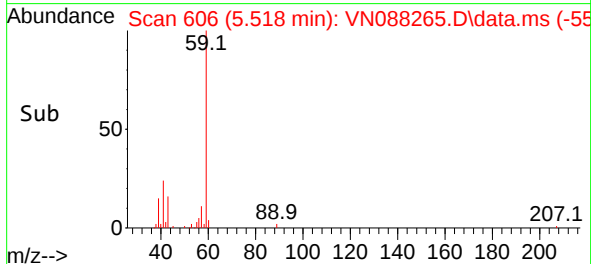
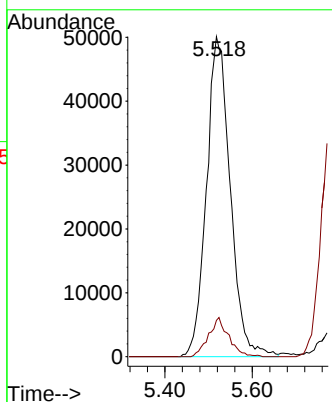
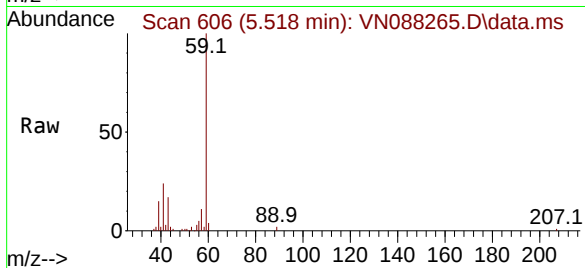




#11
Tert butyl alcohol
Concen: 254.841 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

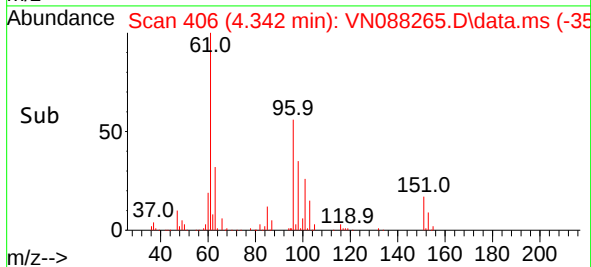
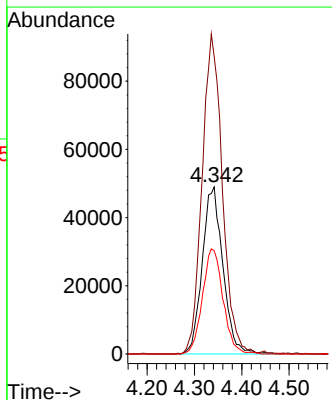
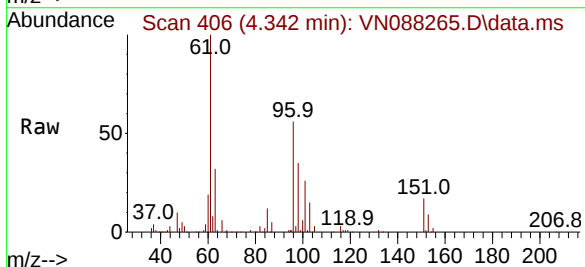
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

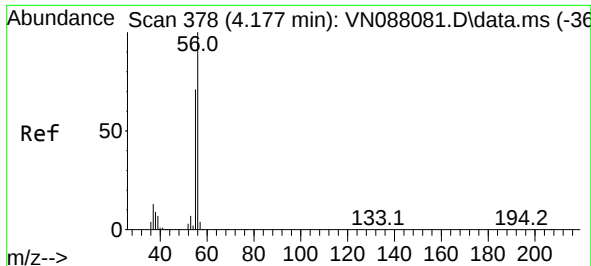
Tgt Ion: 59 Resp: 189384
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 47.292 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 96 Resp: 148280
Ion Ratio Lower Upper
96 100
61 177.4 143.8 215.8
98 61.7 52.1 78.1

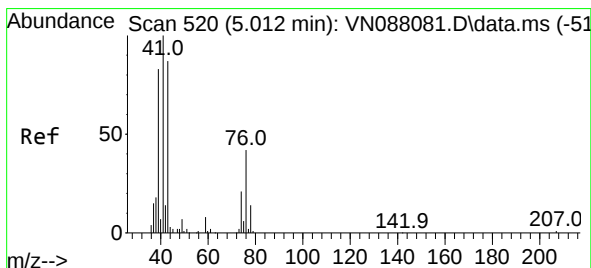
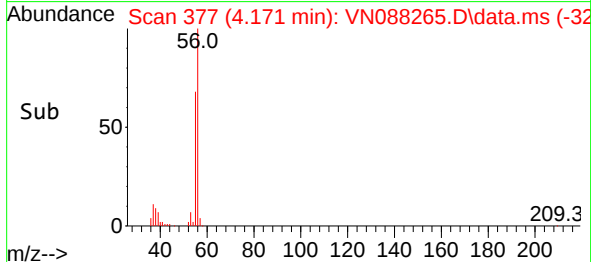
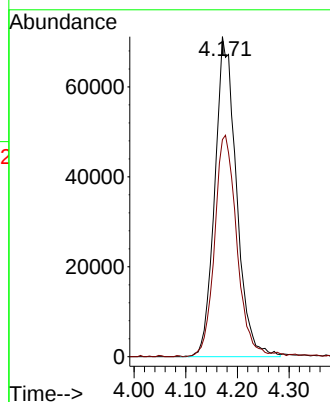
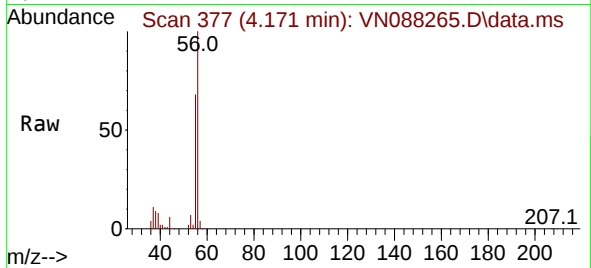




#13
Acrolein
Concen: 247.344 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

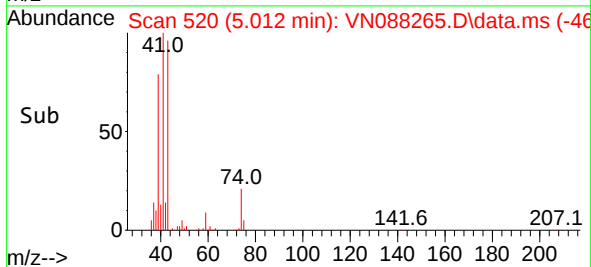
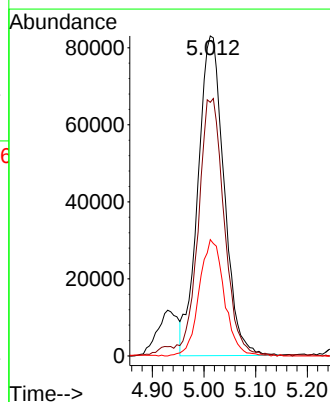
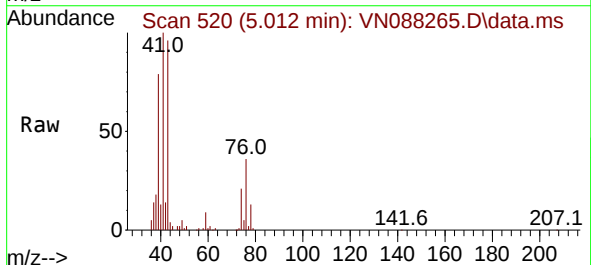
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

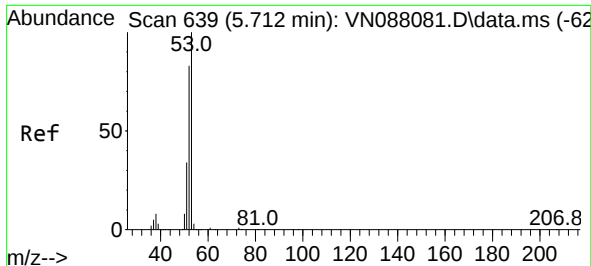
Tgt Ion: 56 Resp: 206757
Ion Ratio Lower Upper
56 100
55 70.8 57.3 85.9



#14
Allyl chloride
Concen: 53.012 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 41 Resp: 291334
Ion Ratio Lower Upper
41 100
39 79.8 63.9 95.9
76 35.1 28.1 42.1

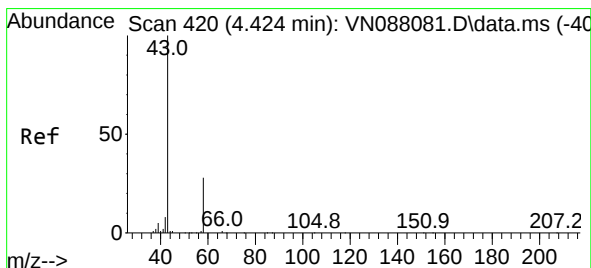
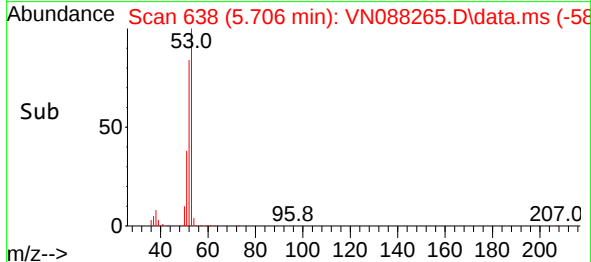
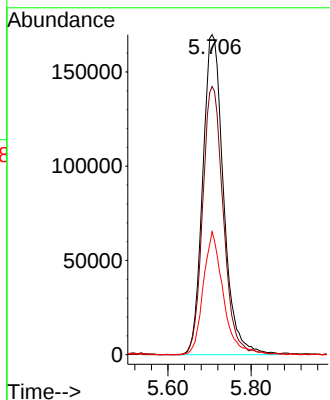
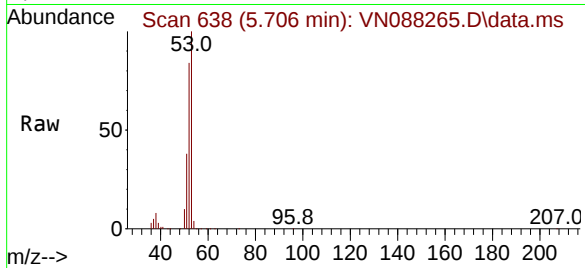




#15
Acrylonitrile
Concen: 291.477 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

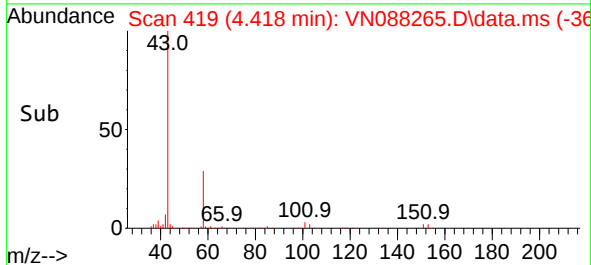
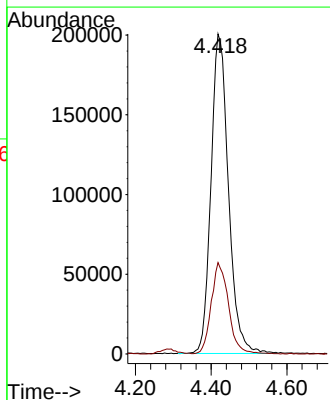
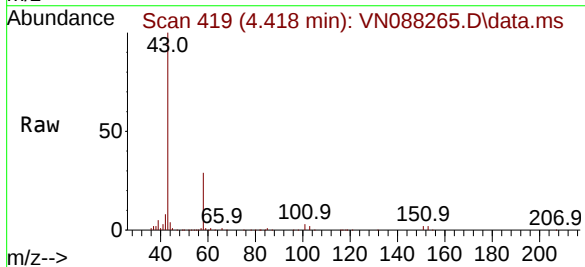
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

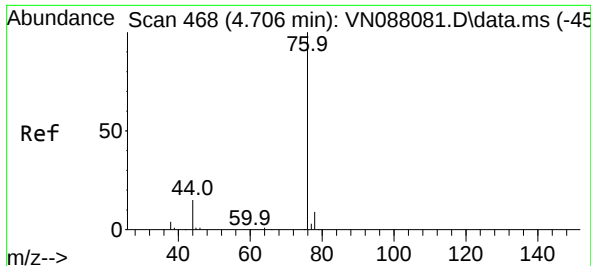
Tgt Ion: 53 Resp: 590035
Ion Ratio Lower Upper
53 100
52 83.2 67.6 101.4
51 37.0 30.1 45.1



#16
Acetone
Concen: 295.873 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 43 Resp: 641189
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

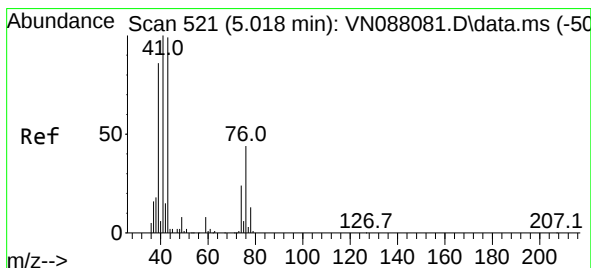
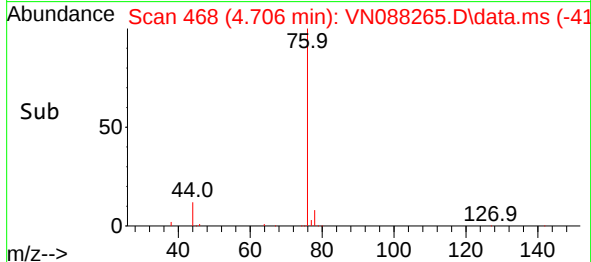
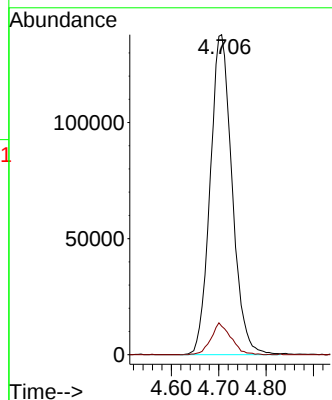
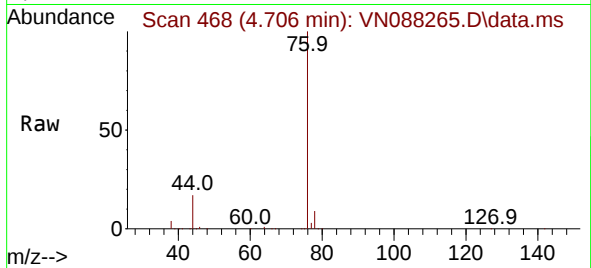




#17
Carbon Disulfide
Concen: 46.486 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

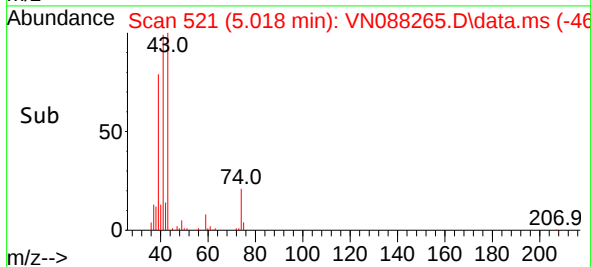
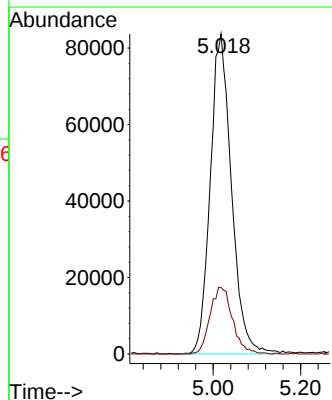
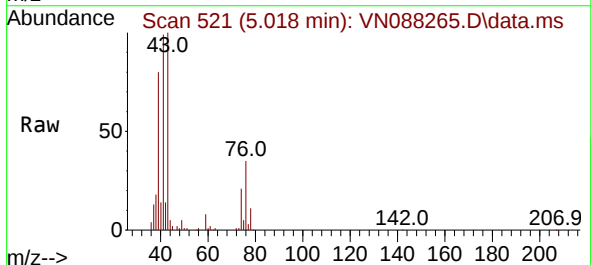
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

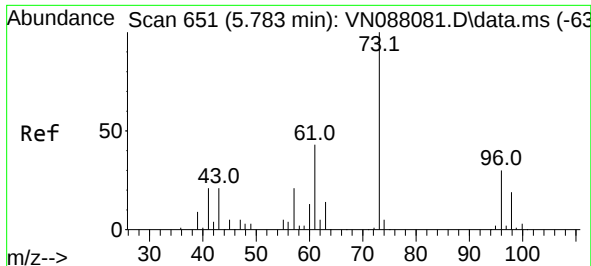
Tgt Ion: 76 Resp: 443060
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 63.646 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 43 Resp: 282371
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4

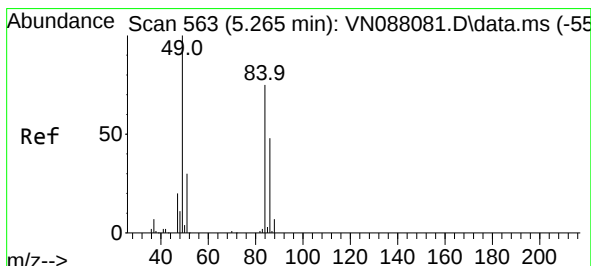
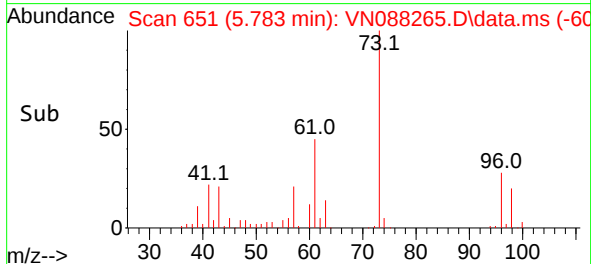
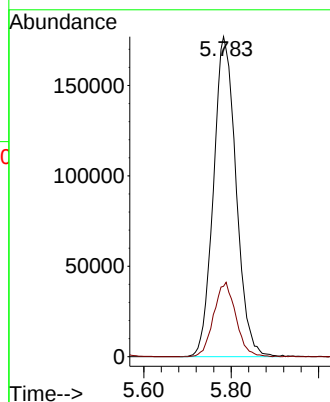
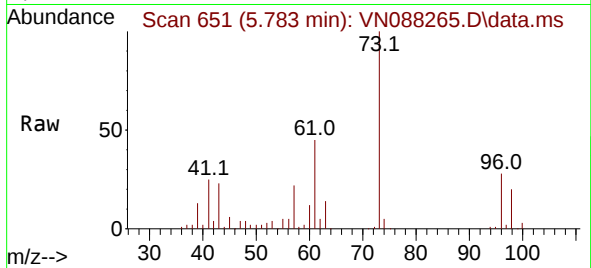




#19
Methyl tert-butyl Ether
Concen: 55.055 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

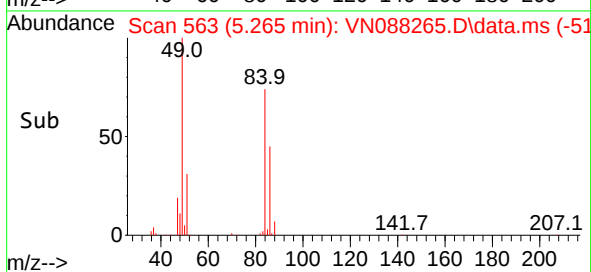
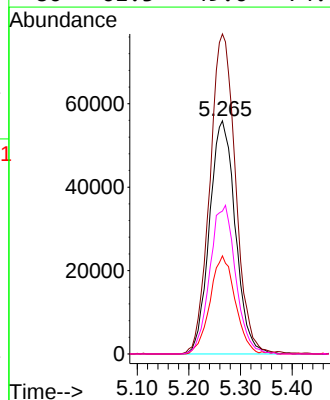
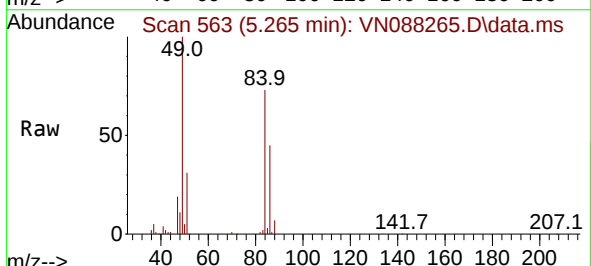
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

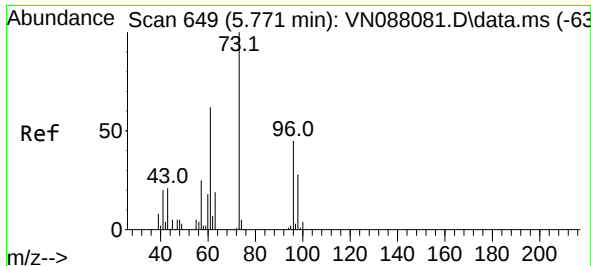
Tgt Ion: 73 Resp: 633940
Ion Ratio Lower Upper
73 100
57 22.0 18.4 27.6



#20
Methylene Chloride
Concen: 53.377 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 84 Resp: 194174
Ion Ratio Lower Upper
84 100
49 137.2 103.4 155.2
51 42.1 33.8 50.8
86 61.3 49.6 74.4

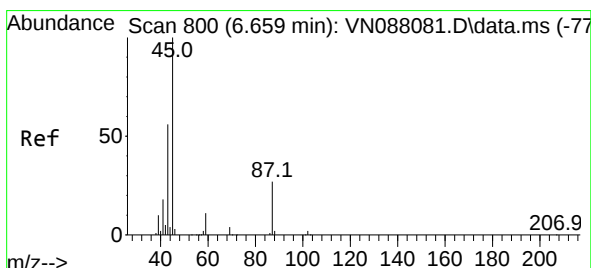
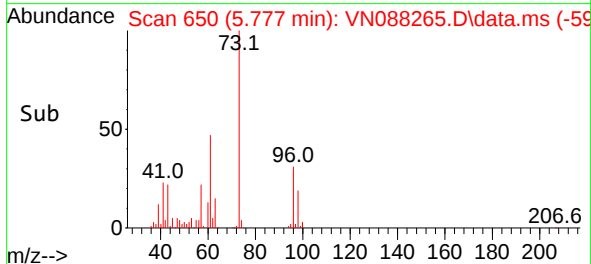
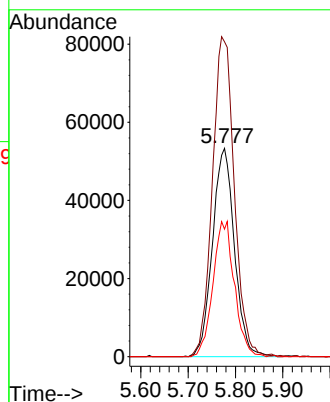
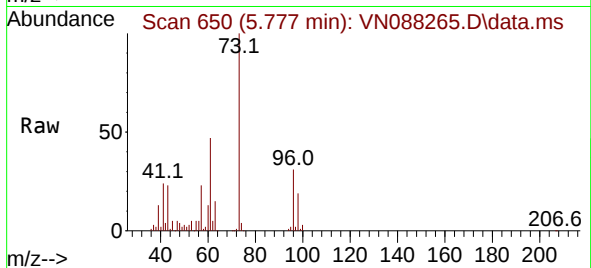




#21
trans-1,2-Dichloroethene
Concen: 49.980 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

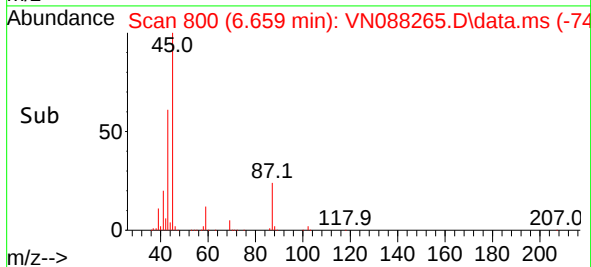
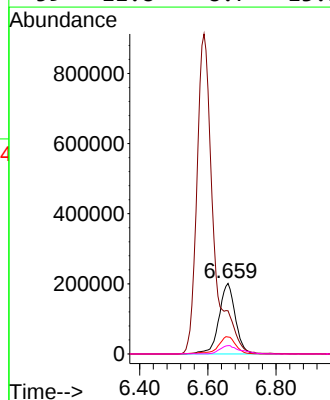
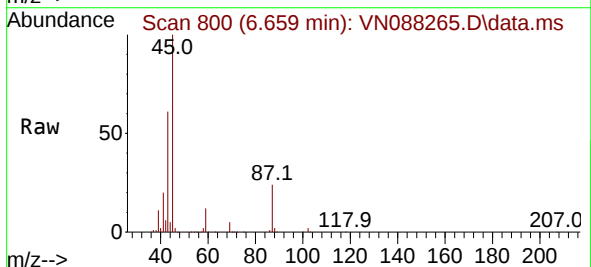
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ClientSampleId :
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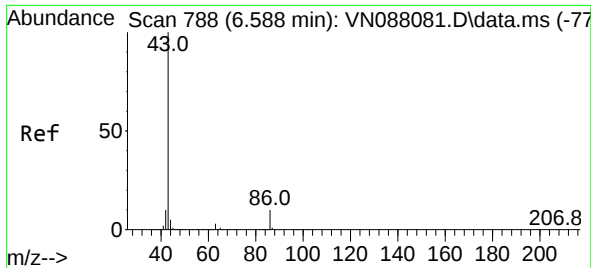
Tgt Ion: 96 Resp: 172011
Ion Ratio Lower Upper
96 100
61 151.1 118.0 177.0
98 61.2 50.0 75.0



#22
Diisopropyl ether
Concen: 57.670 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 45 Resp: 666531
Ion Ratio Lower Upper
45 100
43 60.8 47.7 71.5
87 24.0 21.4 32.0
59 11.8 8.7 13.1

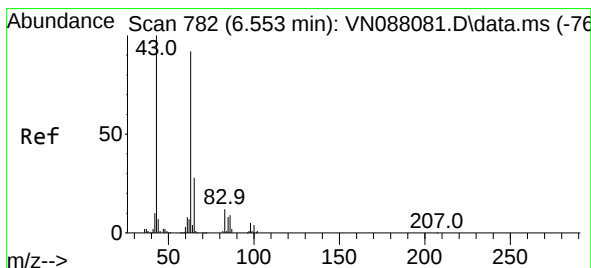
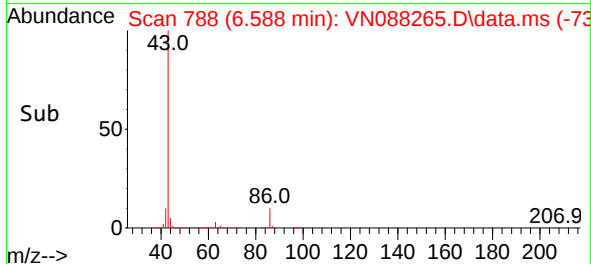
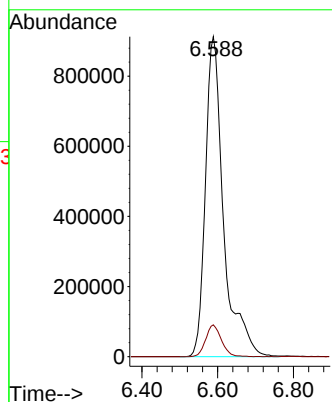
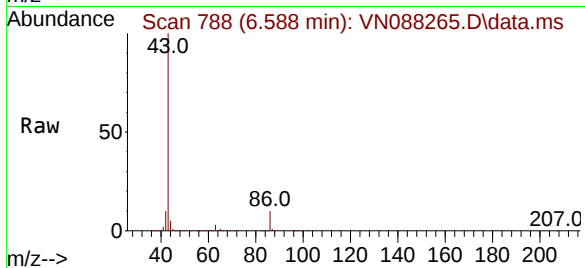




#23
 Vinyl Acetate
 Concen: 290.668 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

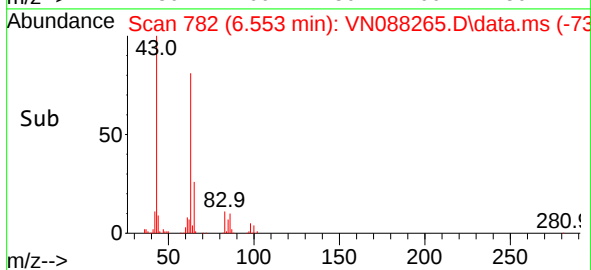
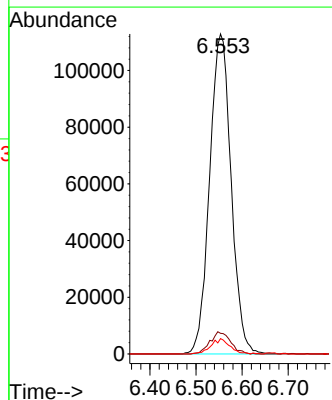
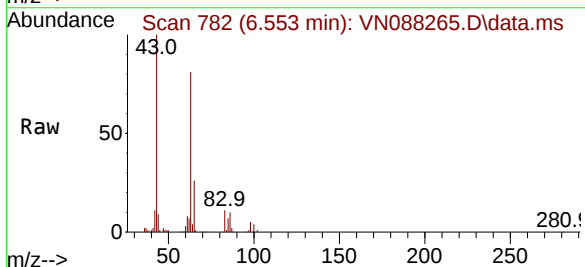
Instrument :
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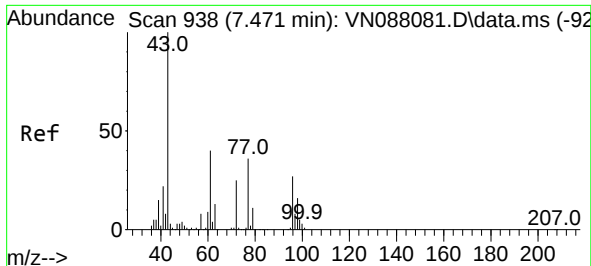
Tgt Ion: 43 Resp: 3026114
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 57.168 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion: 63 Resp: 366002
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.8 2.0 6.0

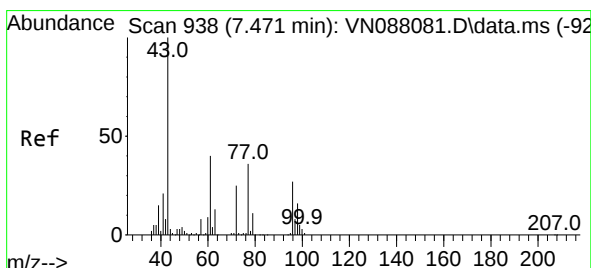
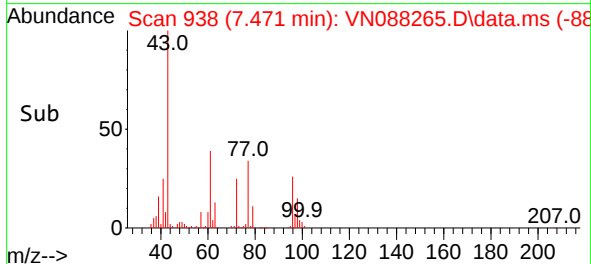
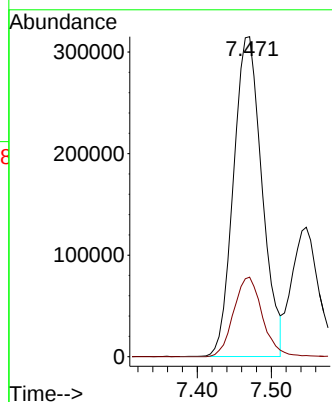
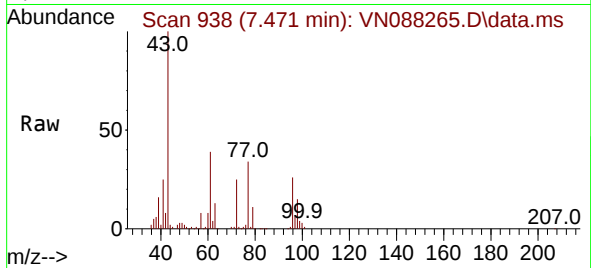




#25
2-Butanone
Concen: 295.275 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

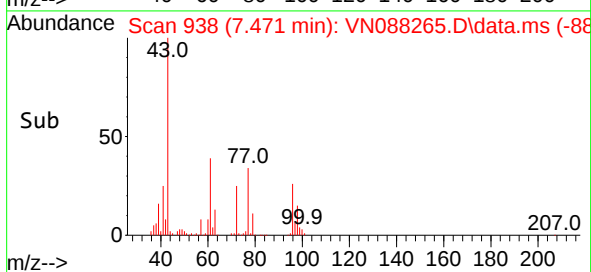
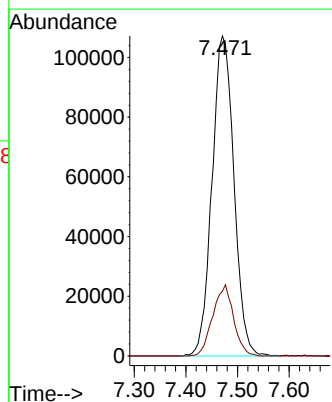
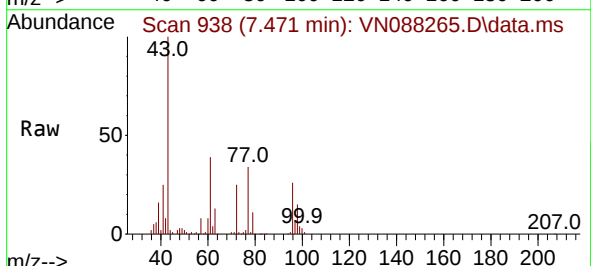
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

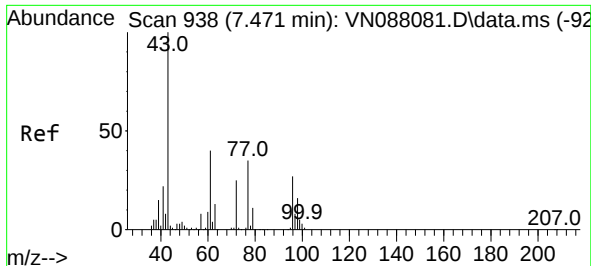
Tgt Ion: 43 Resp: 843285
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 54.241 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 77 Resp: 315573
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7

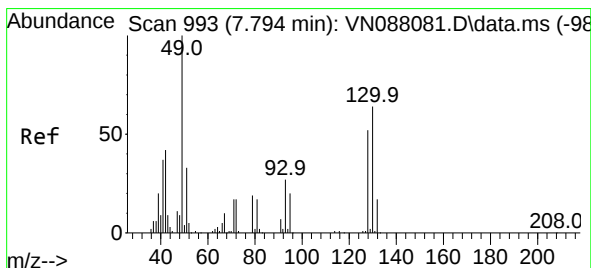
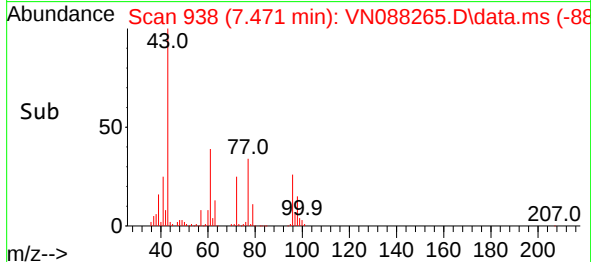
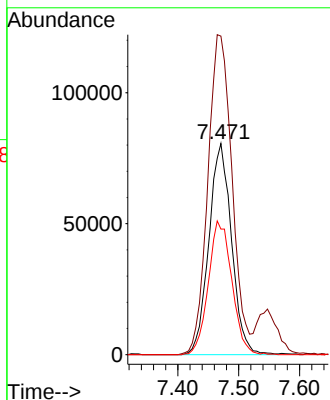
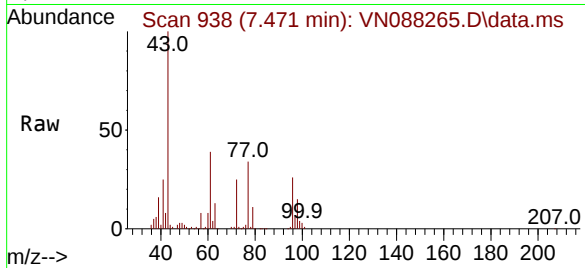




#27
 cis-1,2-Dichloroethene
 Concen: 52.742 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

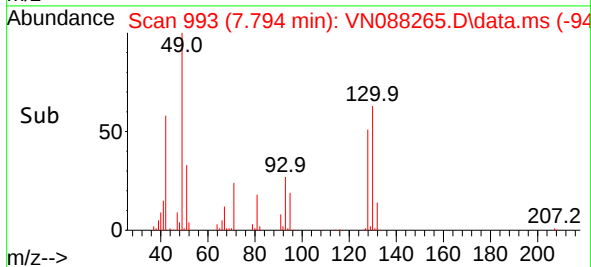
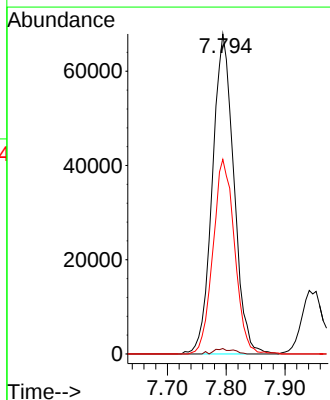
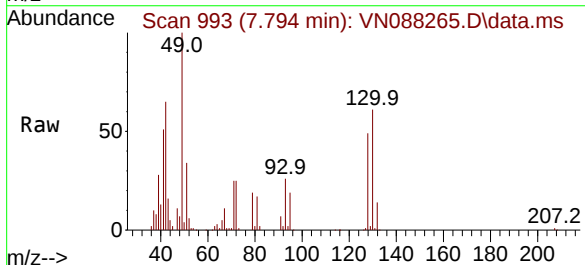
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

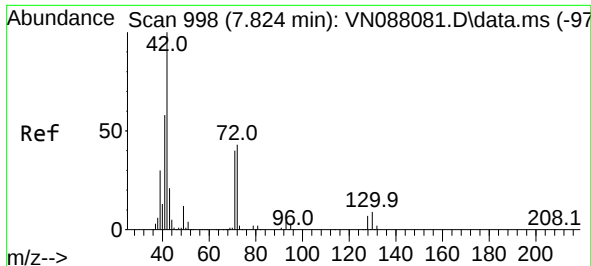
Tgt Ion: 96 Resp: 208966
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 301.8
 98 65.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 57.045 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion: 49 Resp: 172565
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 61.1 53.1 79.7

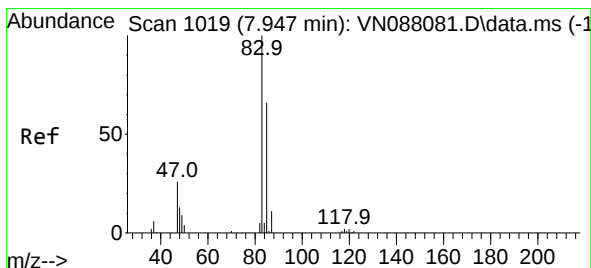
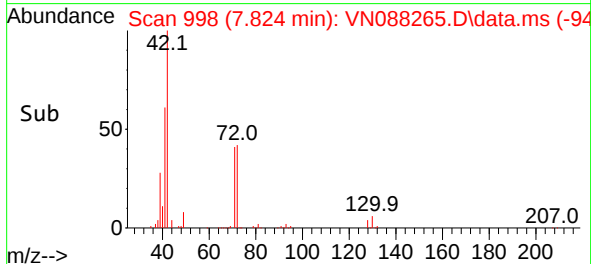
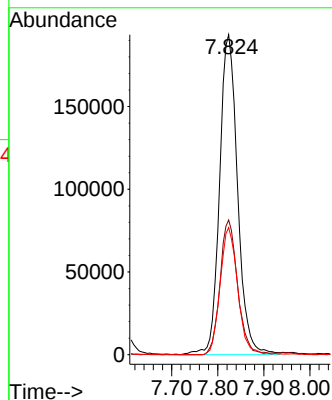
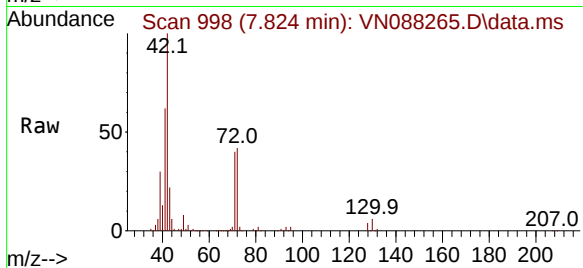




#29
Tetrahydrofuran
Concen: 281.709 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

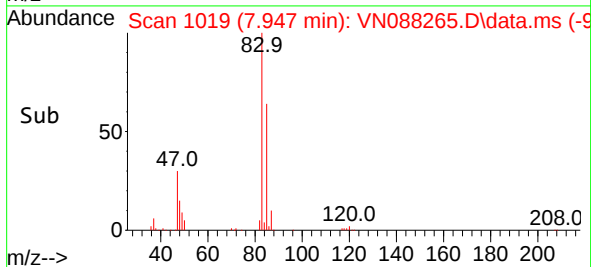
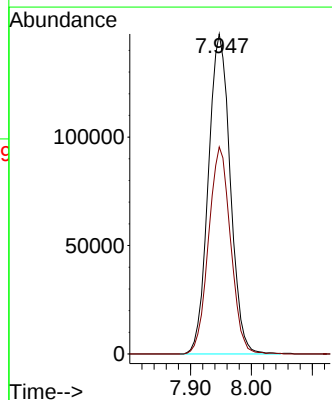
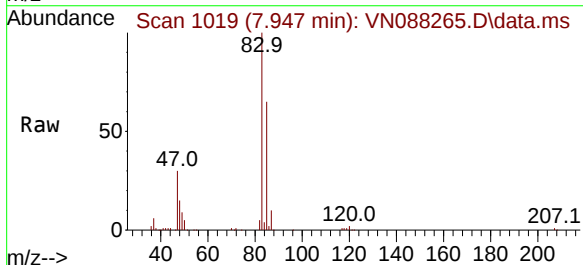
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

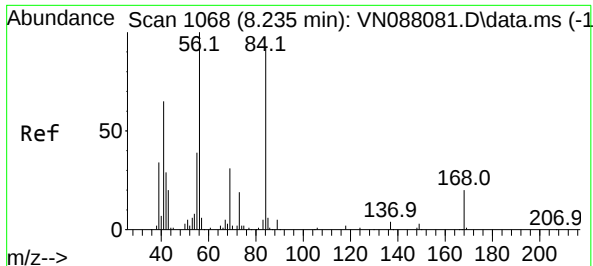
Tgt Ion: 42 Resp: 524322
Ion Ratio Lower Upper
42 100
72 40.9 33.7 50.5
71 38.6 31.9 47.9



#30
Chloroform
Concen: 57.646 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 83 Resp: 368696
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1

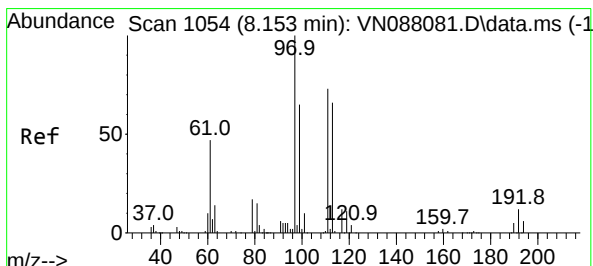
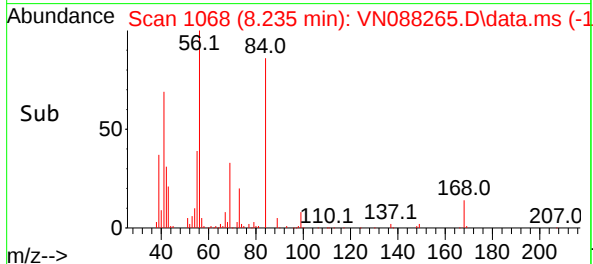
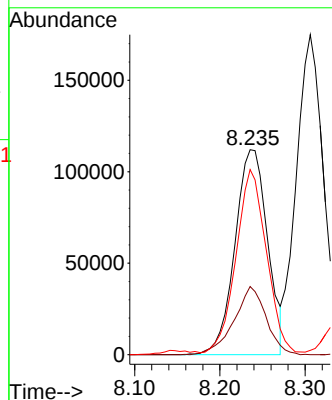
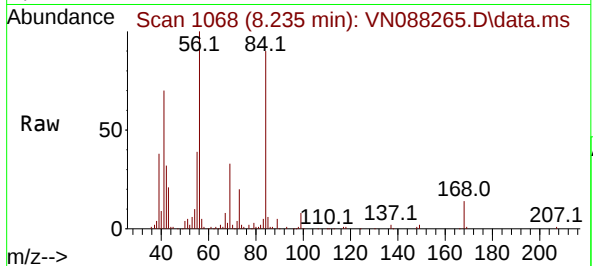




#31
Cyclohexane
Concen: 49.334 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

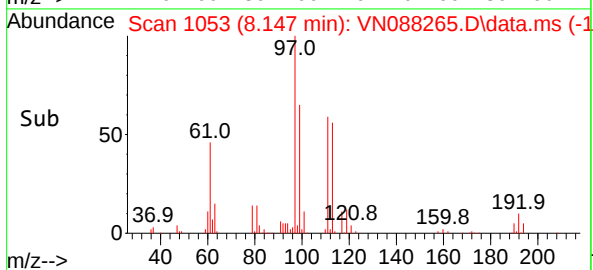
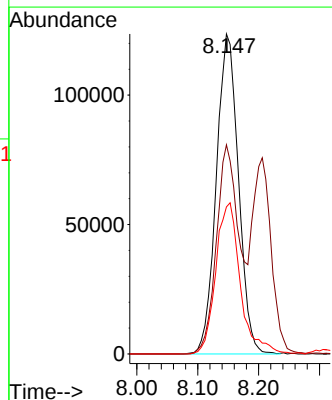
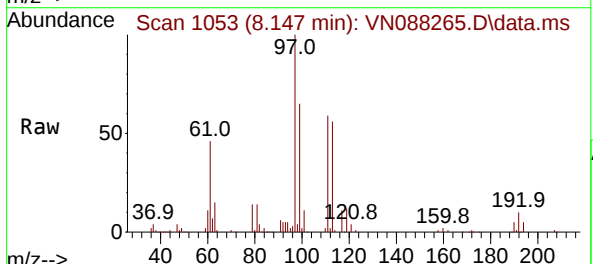
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

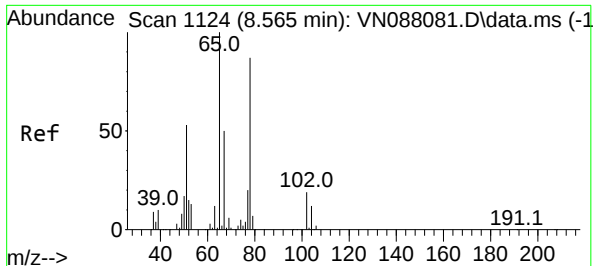
Tgt Ion: 56 Resp: 297885
Ion Ratio Lower Upper
56 100
69 33.3 23.7 35.5
84 88.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 54.792 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 97 Resp: 312120
Ion Ratio Lower Upper
97 100
99 68.1 52.2 78.2
61 52.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 59.347 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

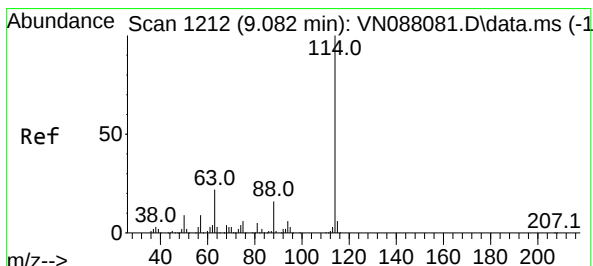
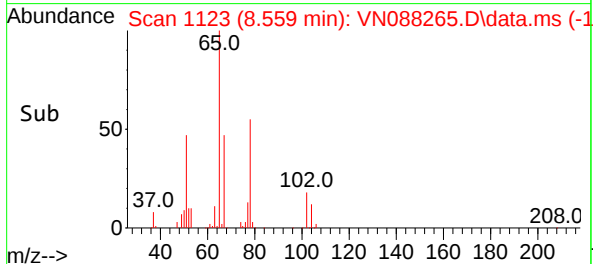
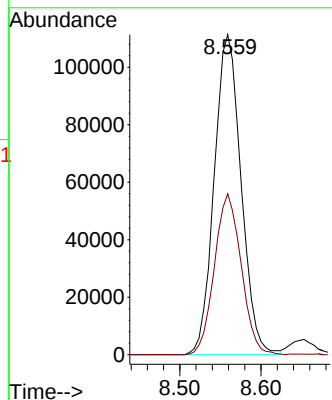
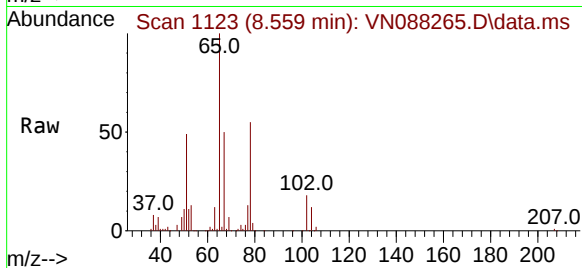
VSTDCCC050

Tgt Ion: 65 Resp: 256002

Ion Ratio Lower Upper

65 100

67 50.1 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: VN088265.D

Acq: 12 Nov 2025 10:07

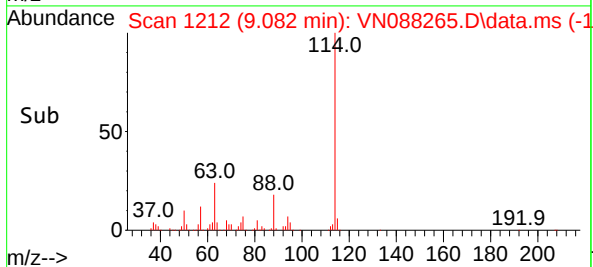
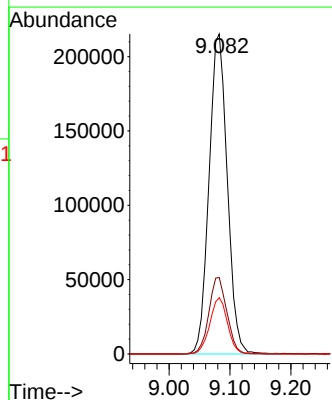
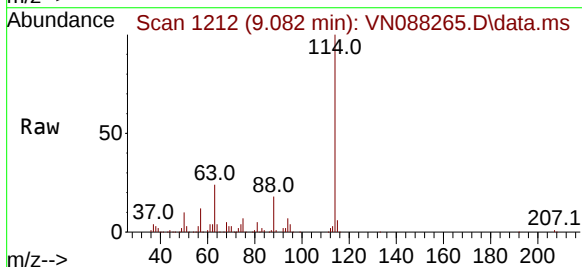
Tgt Ion: 114 Resp: 447443

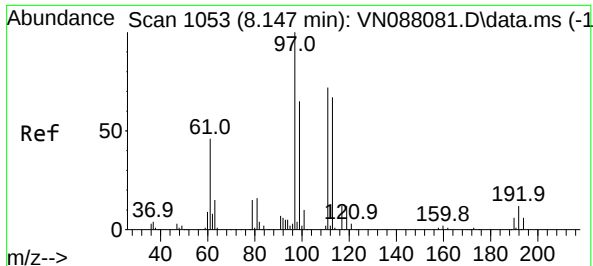
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.2

88 17.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 58.244 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

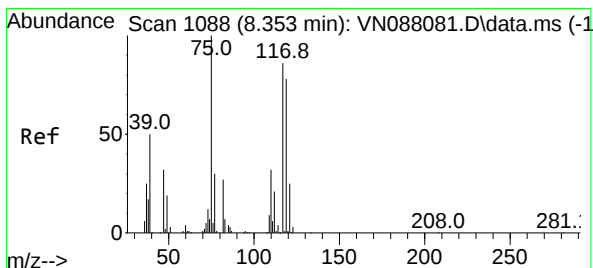
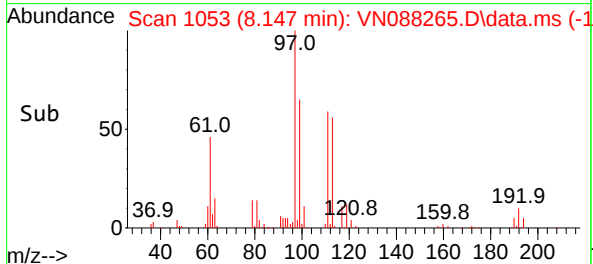
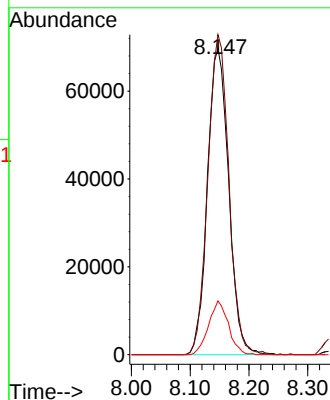
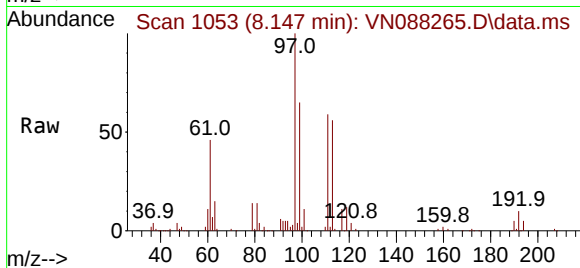
Tgt Ion:113 Resp: 175077

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 56.598 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

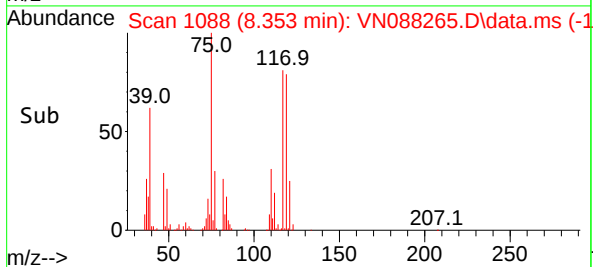
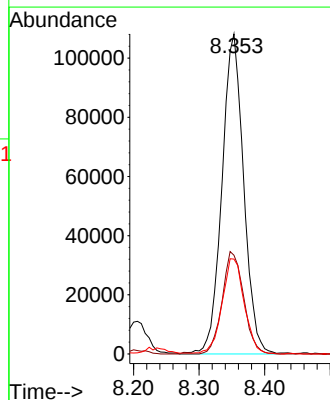
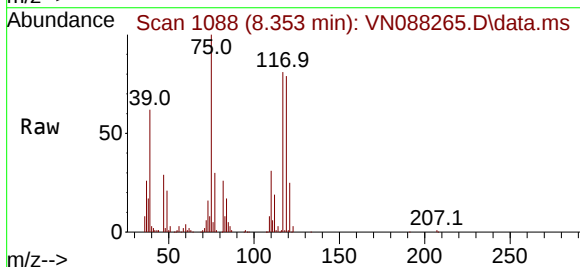
Tgt Ion: 75 Resp: 248409

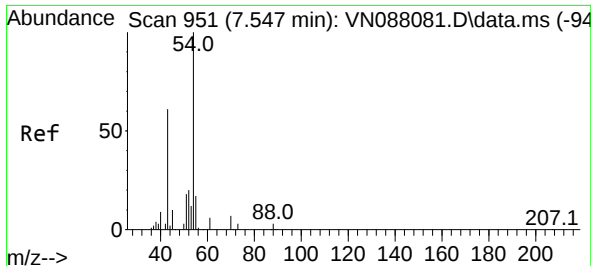
Ion Ratio Lower Upper

75 100

110 31.6 15.9 47.6

77 30.4 24.4 36.6

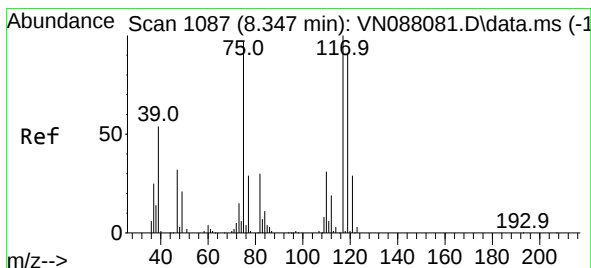
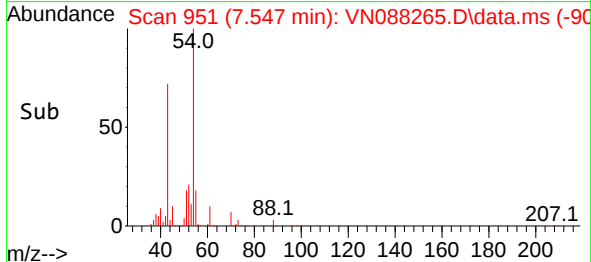
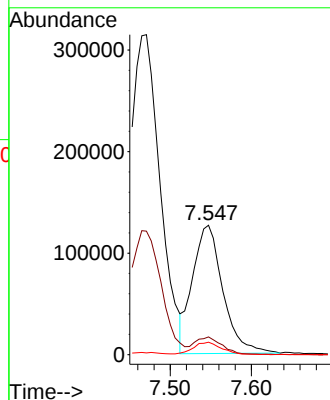
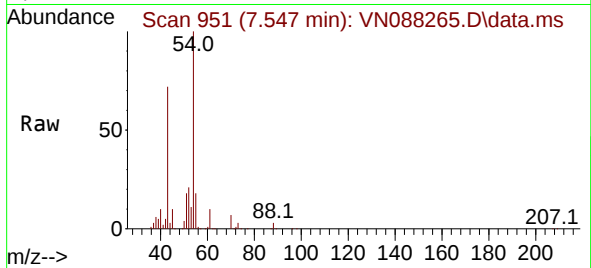




#37
Ethyl Acetate
Concen: 58.026 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

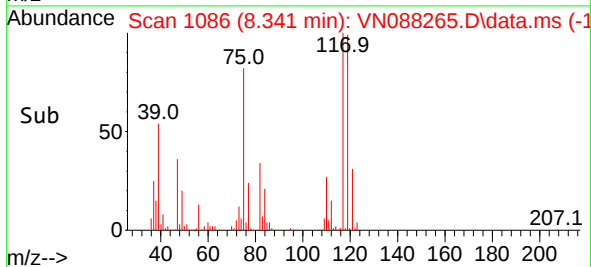
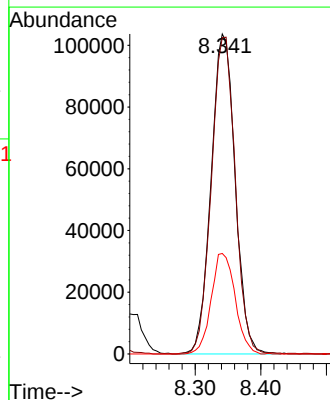
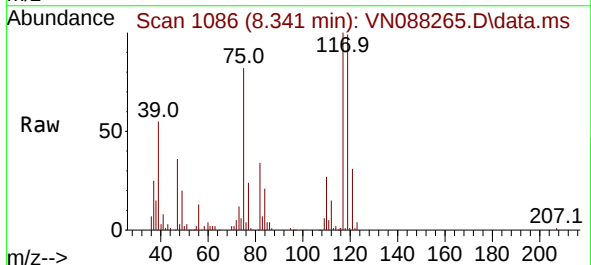
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

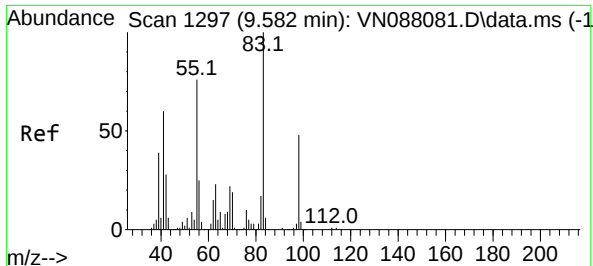
Tgt Ion: 43 Resp: 328655
Ion Ratio Lower Upper
43 100
61 12.5 9.3 13.9
70 9.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 58.099 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 117 Resp: 263371
Ion Ratio Lower Upper
117 100
119 98.6 79.0 118.6
121 31.4 25.0 37.6





#39

Methylcyclohexane

Concen: 47.404 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

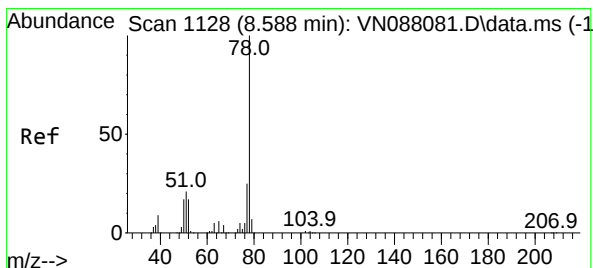
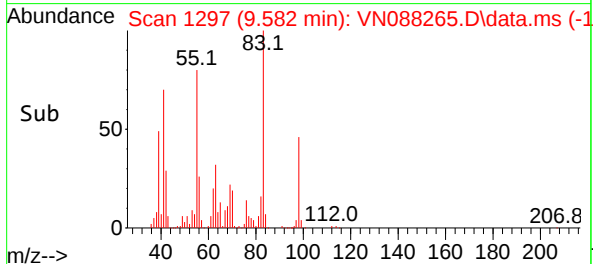
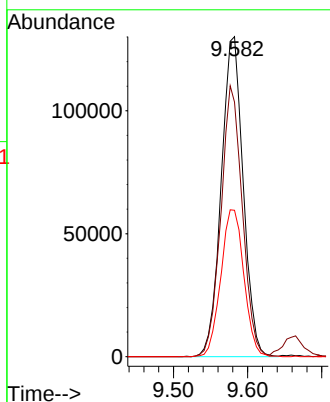
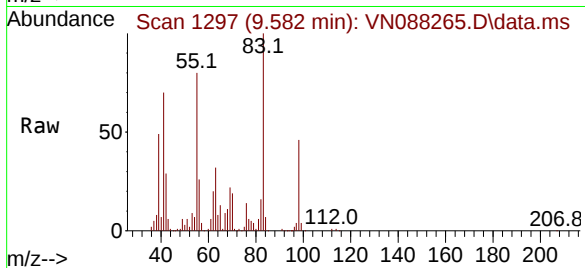
Tgt Ion: 83 Resp: 267432

Ion Ratio Lower Upper

83 100

55 79.5 64.6 96.8

98 45.7 38.4 57.6



#40

Benzene

Concen: 56.017 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088265.D

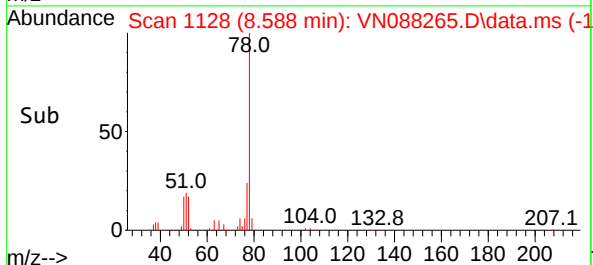
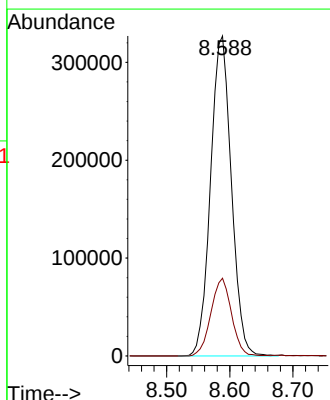
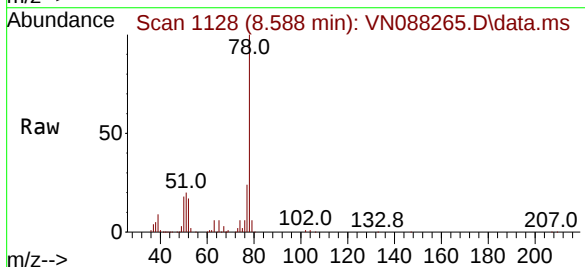
Acq: 12 Nov 2025 10:07

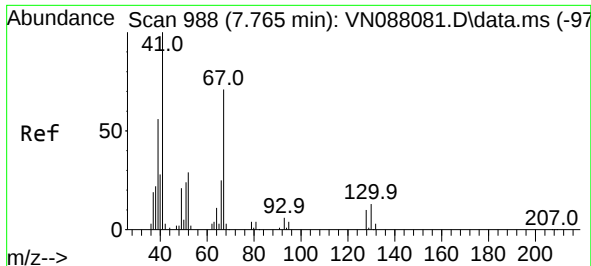
Tgt Ion: 78 Resp: 748750

Ion Ratio Lower Upper

78 100

77 24.3 19.7 29.5



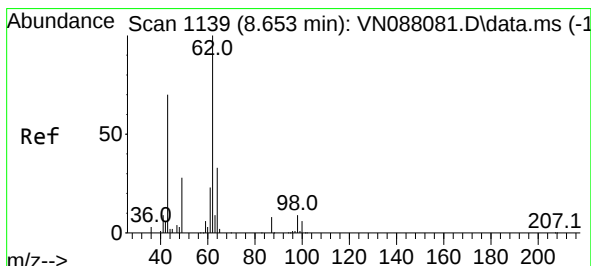
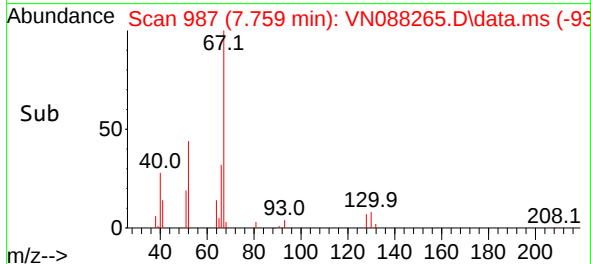
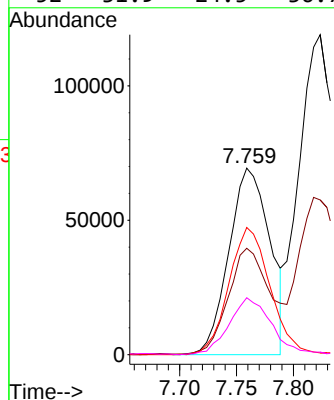
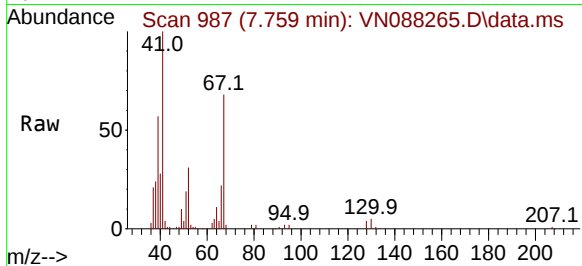


#41
Methacrylonitrile
Concen: 58.611 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 174721

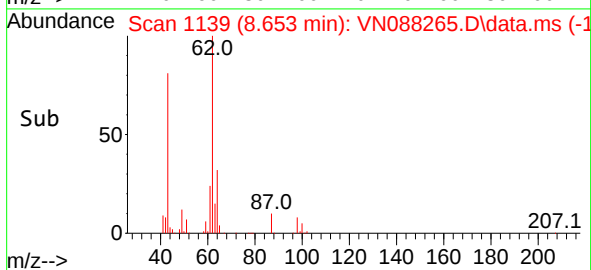
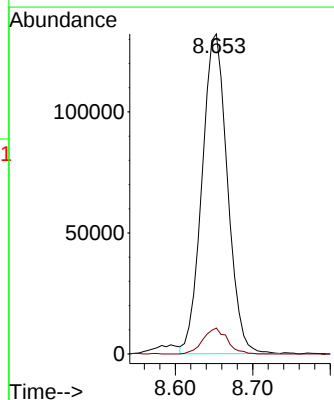
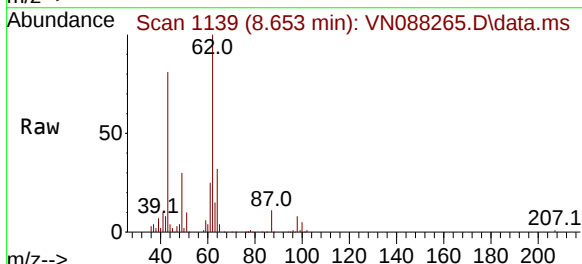
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.4	68.0
67	69.0	55.3	82.9
52	31.9	24.5	36.7

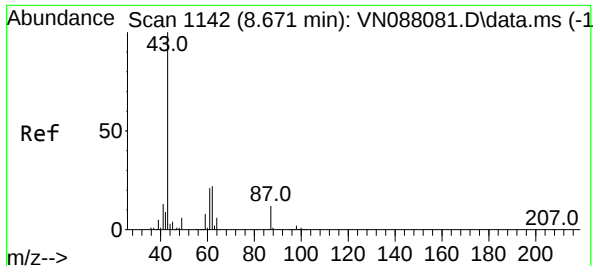


#42
1,2-Dichloroethane
Concen: 63.417 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 62 Resp: 301188

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.4

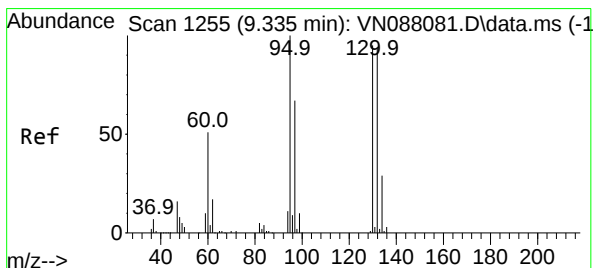
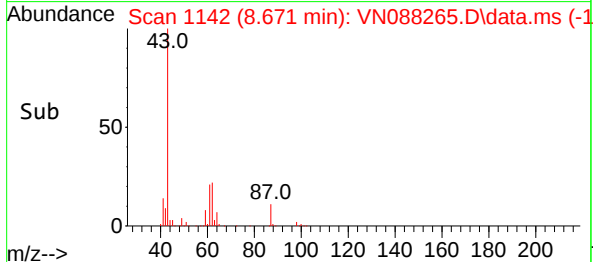
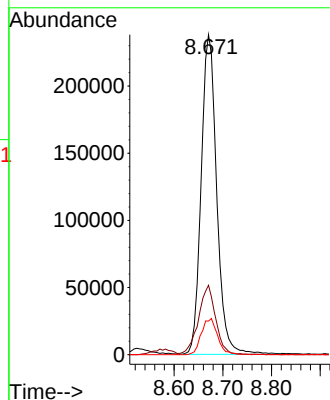
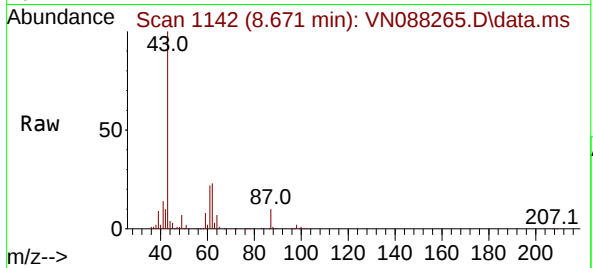




#43
Isopropyl Acetate
Concen: 60.792 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

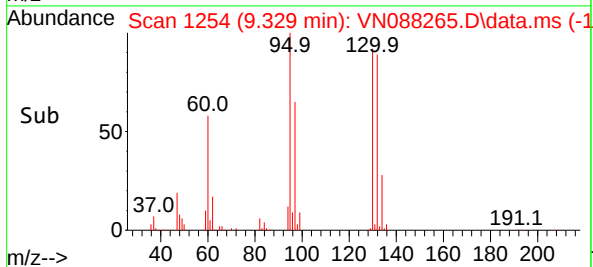
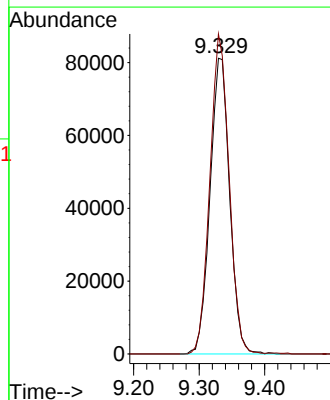
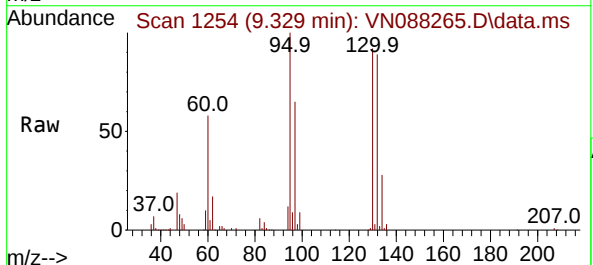
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

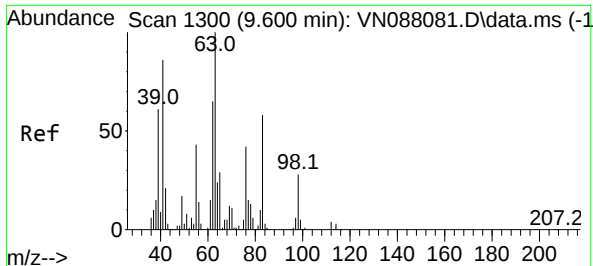
Tgt Ion: 43 Resp: 529094
Ion Ratio Lower Upper
43 100
61 24.1 18.8 28.2
87 11.8 9.6 14.4



#44
Trichloroethene
Concen: 54.070 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:130 Resp: 168931
Ion Ratio Lower Upper
130 100
95 108.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 59.203 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

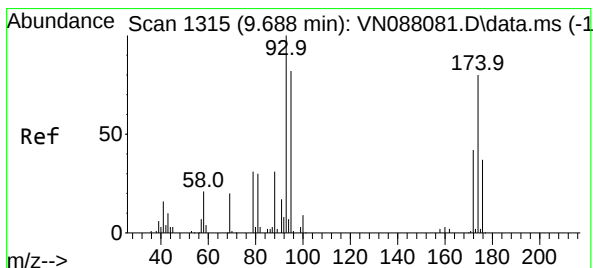
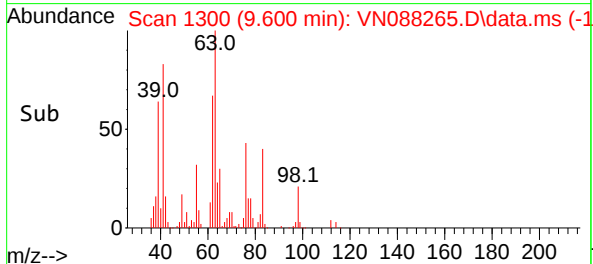
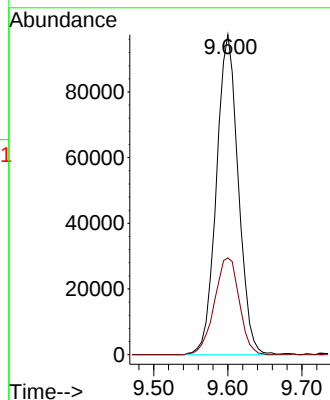
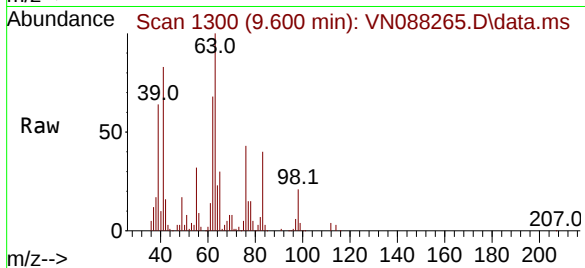
VSTDCCC050

Tgt Ion: 63 Resp: 199783

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 58.657 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

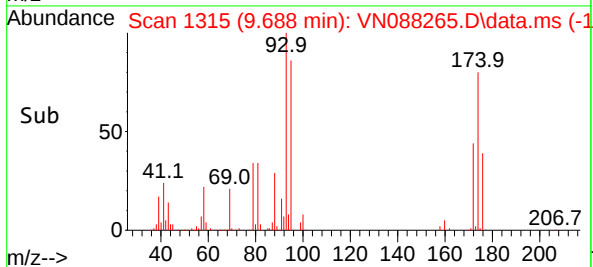
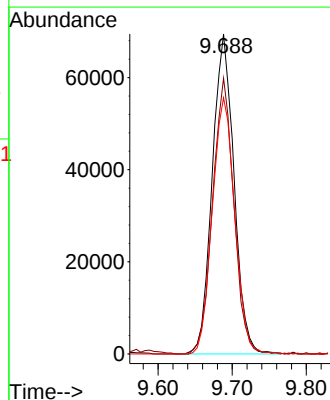
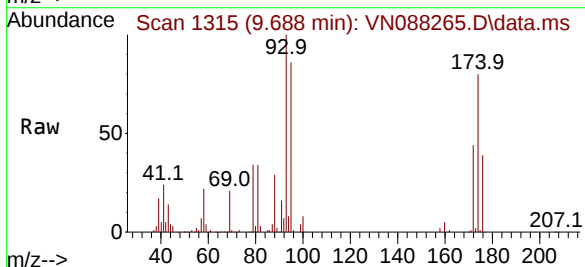
Tgt Ion: 93 Resp: 141171

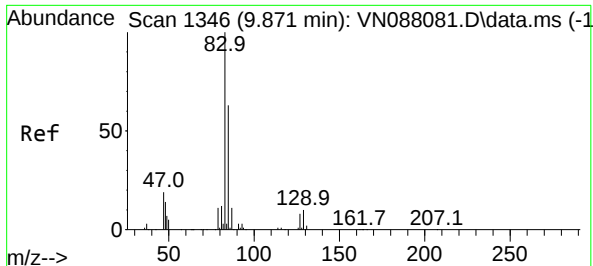
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 82.5 63.4 95.2

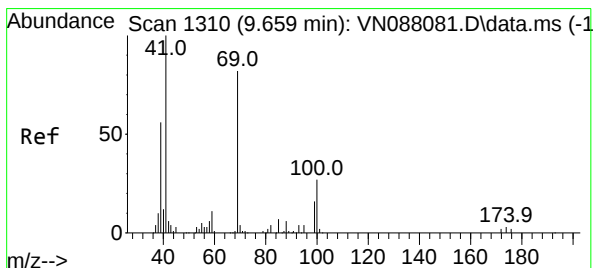
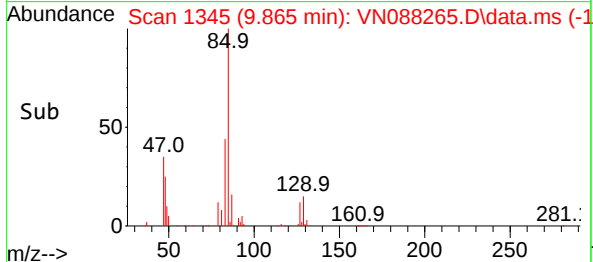
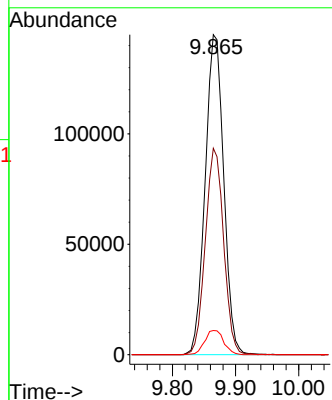
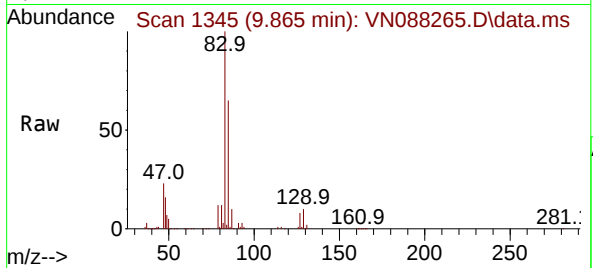




#47
Bromodichloromethane
Concen: 61.287 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

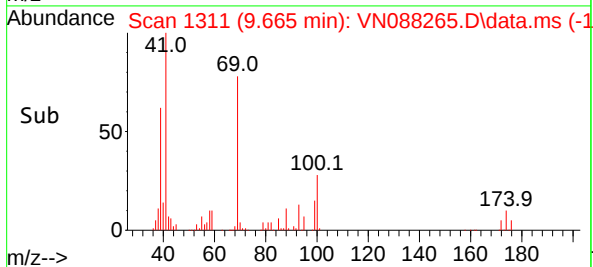
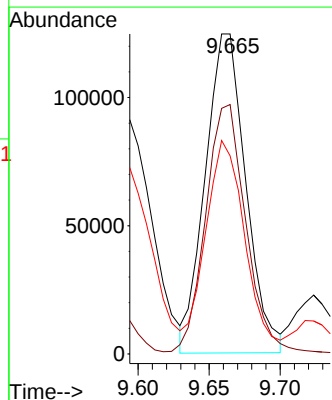
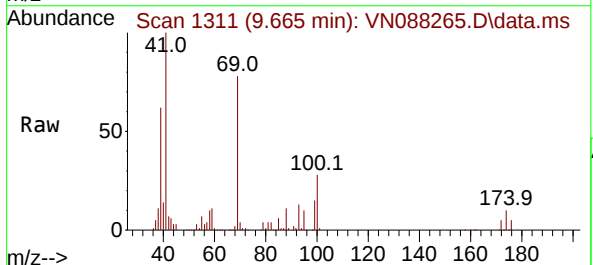
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

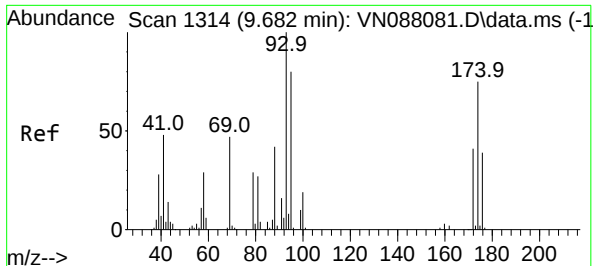
Tgt Ion: 83 Resp: 295312
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 7.5 5.8 8.6



#48
Methyl methacrylate
Concen: 61.512 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 41 Resp: 247168
Ion Ratio Lower Upper
41 100
69 77.1 62.7 94.1
39 65.4 52.9 79.3





#49

1,4-Dioxane

Concen: 1168.411 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

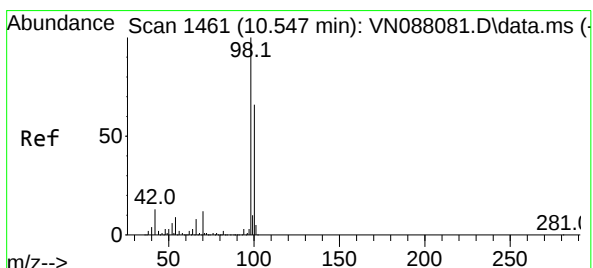
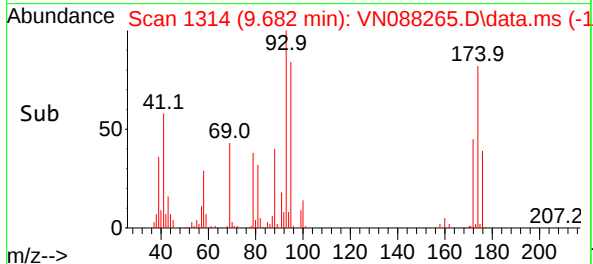
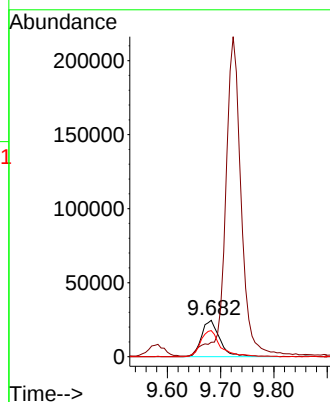
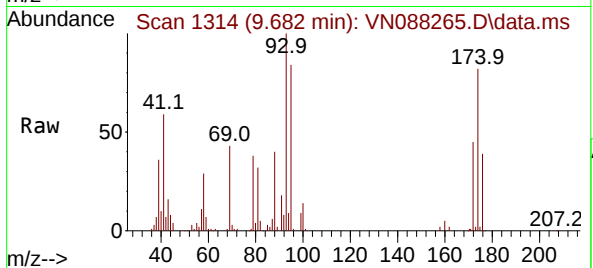
Tgt Ion: 88 Resp: 58392

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.4 57.9 86.9



#50

Toluene-d8

Concen: 54.858 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088265.D

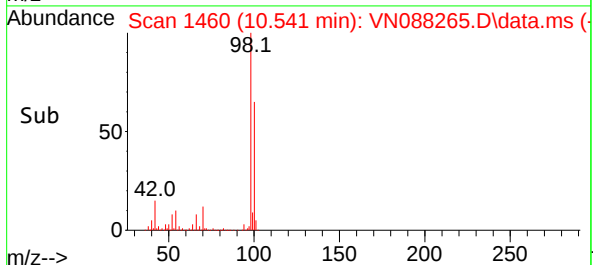
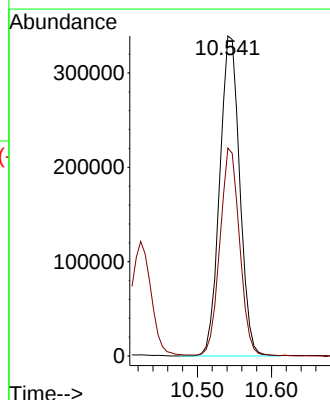
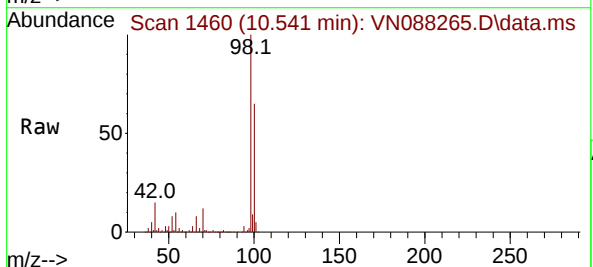
Acq: 12 Nov 2025 10:07

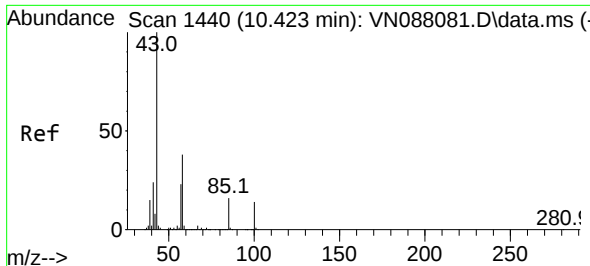
Tgt Ion: 98 Resp: 635383

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

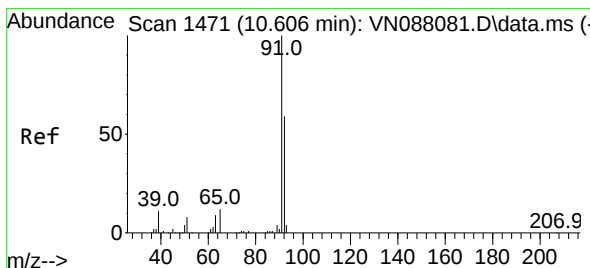
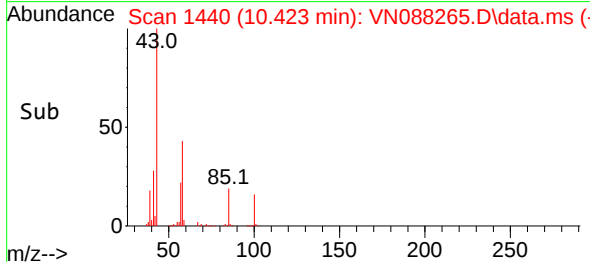
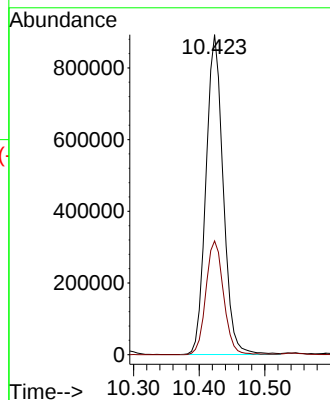
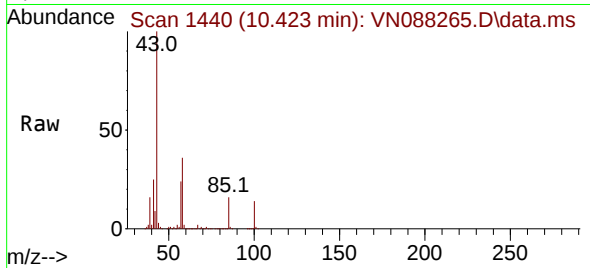




#51
4-Methyl-2-Pentanone
Concen: 317.310 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

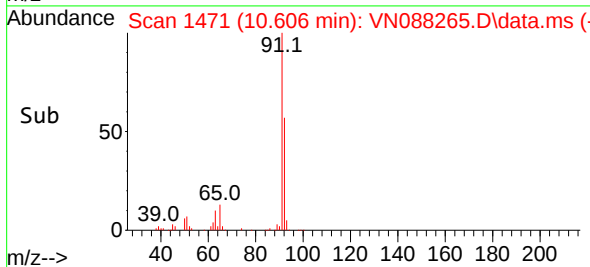
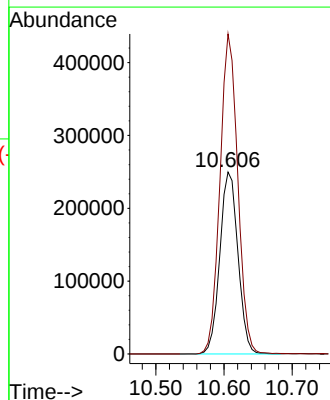
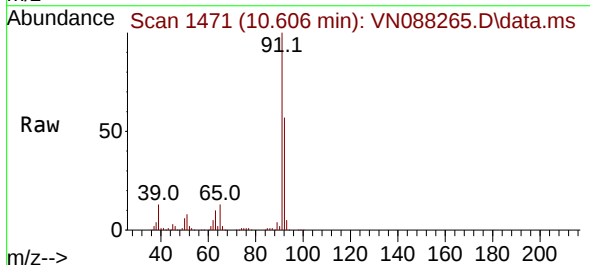
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

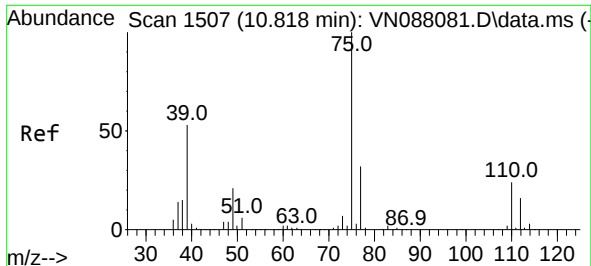
Tgt Ion: 43 Resp: 1633760
Ion Ratio Lower Upper
43 100
58 36.5 29.6 44.4



#52
Toluene
Concen: 56.063 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 92 Resp: 462024
Ion Ratio Lower Upper
92 100
91 173.1 140.4 210.6

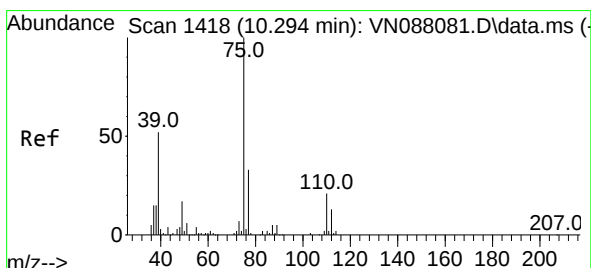
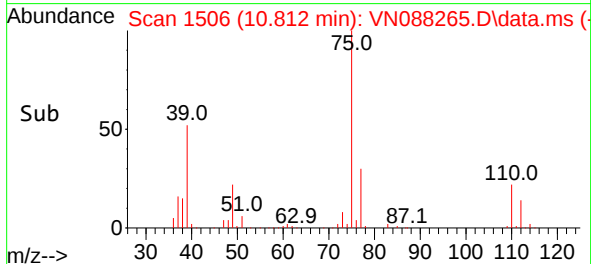
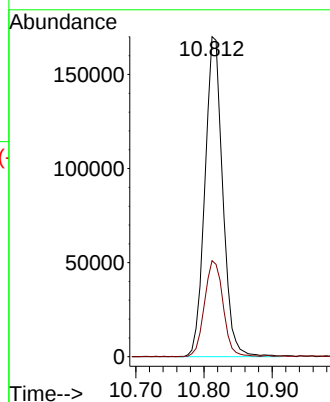
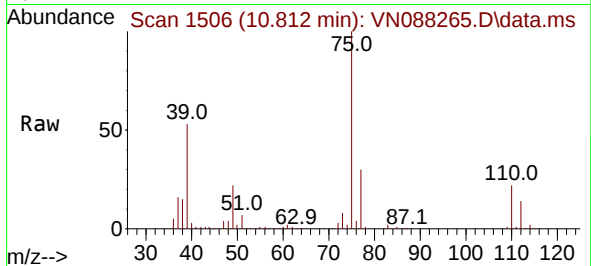




#53
 t-1,3-Dichloropropene
 Concen: 60.428 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

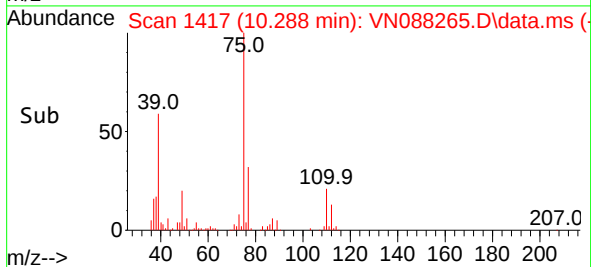
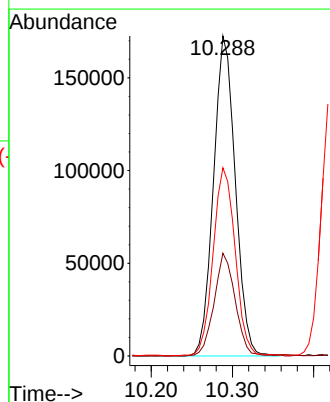
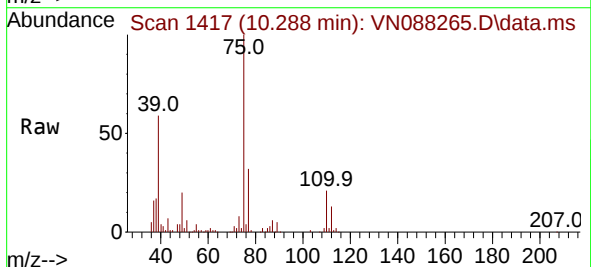
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

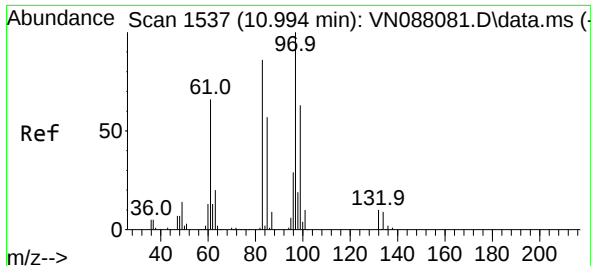
Tgt Ion: 75 Resp: 309902
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 59.309 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion: 75 Resp: 322761
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 58.6 45.2 67.8

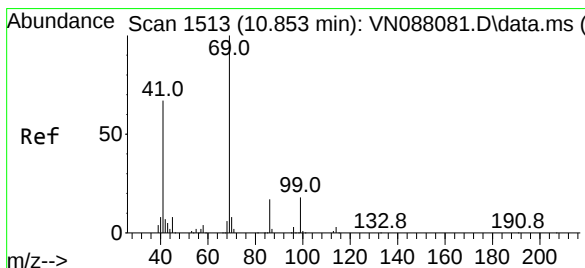
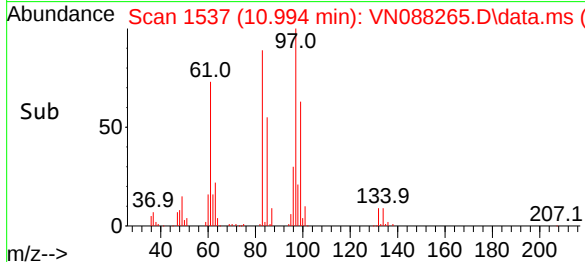
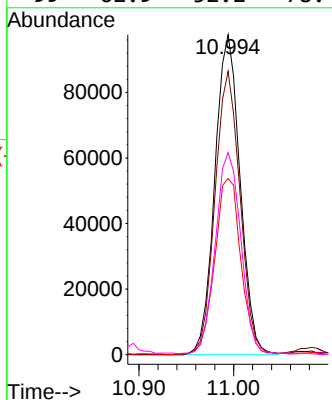
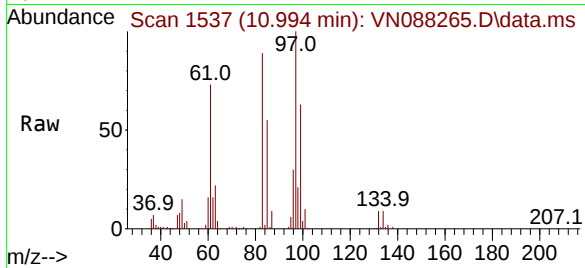




#55
 1,1,2-Trichloroethane
 Concen: 57.770 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

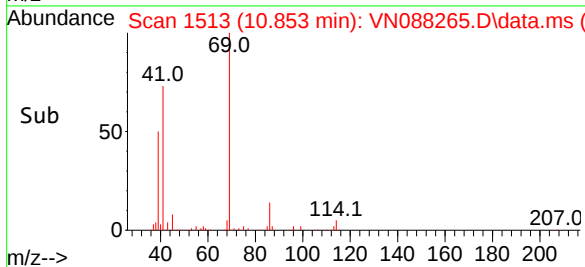
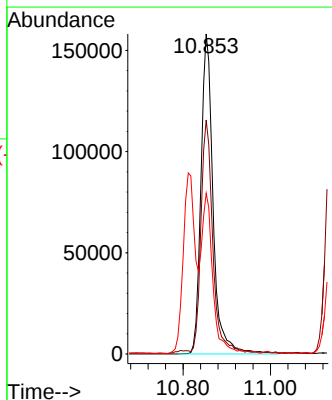
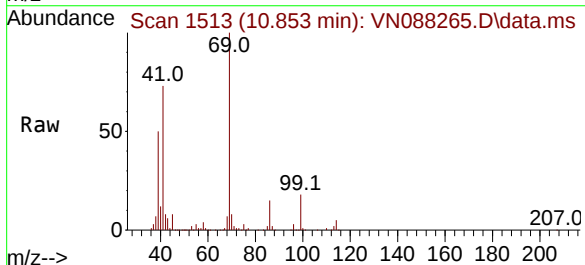
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

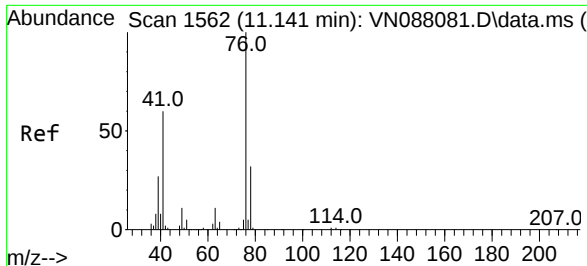
Tgt Ion:	97	Resp:	180623
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.2	102.4
85	54.8	45.5	68.3
99	62.9	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 61.910 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion:	69	Resp:	306322
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.5	84.7
39	45.9	34.2	51.4

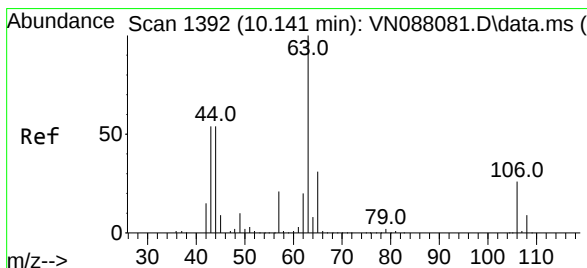
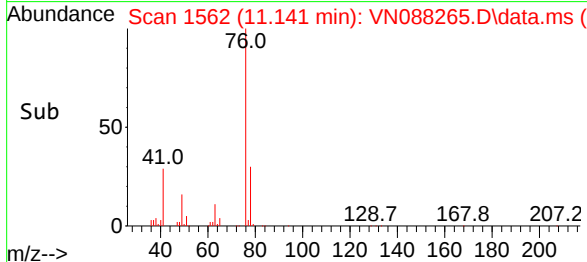
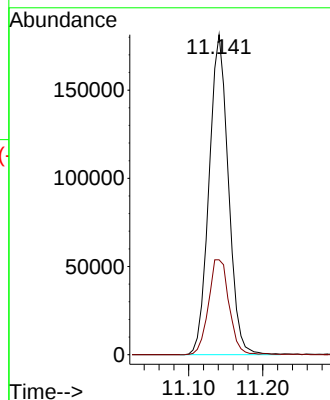
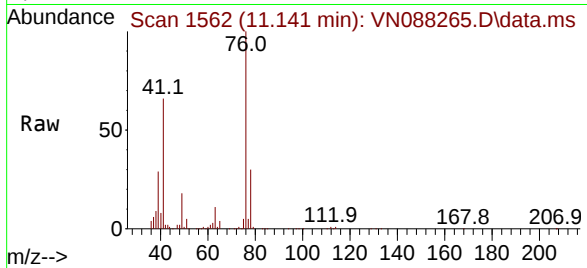




#57
1,3-Dichloropropane
Concen: 59.667 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

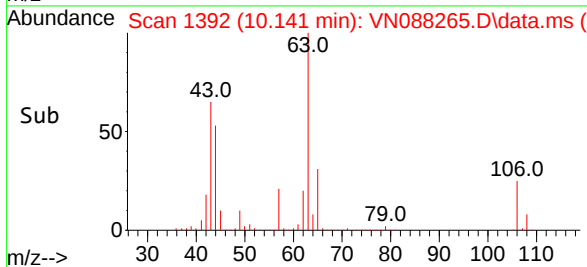
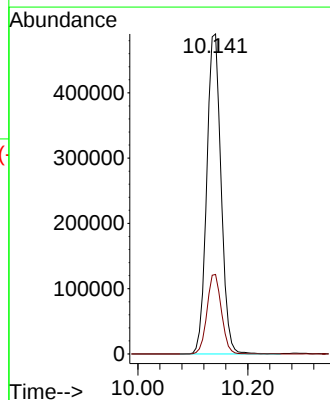
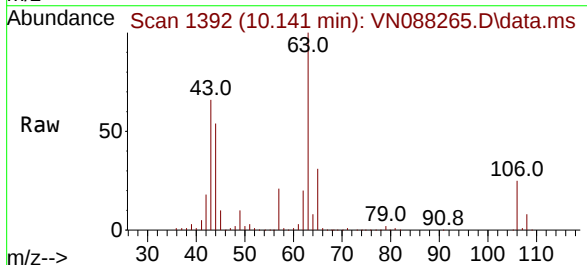
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

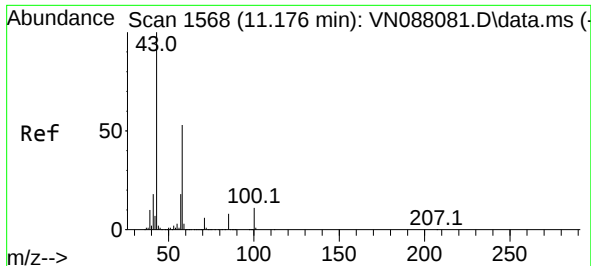
Tgt Ion: 76 Resp: 327904
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 343.632 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 63 Resp: 884387
Ion Ratio Lower Upper
63 100
106 25.1 21.1 31.7

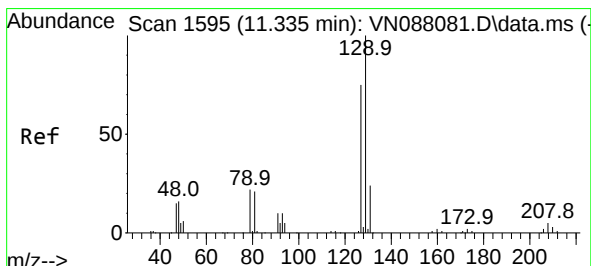
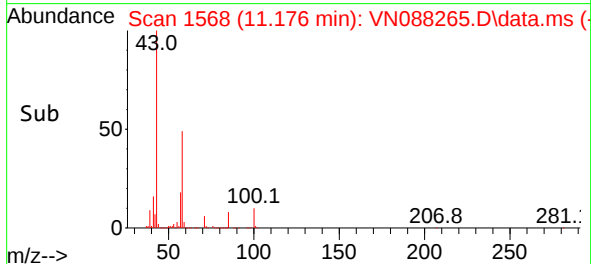
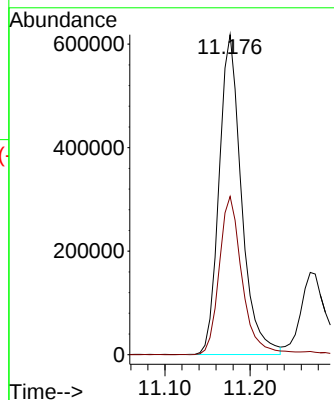
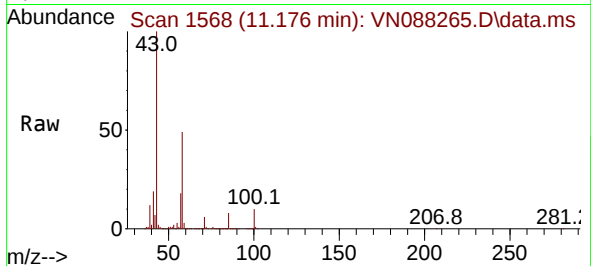




#59
2-Hexanone
Concen: 330.403 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

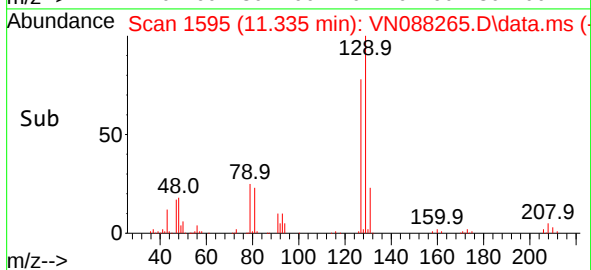
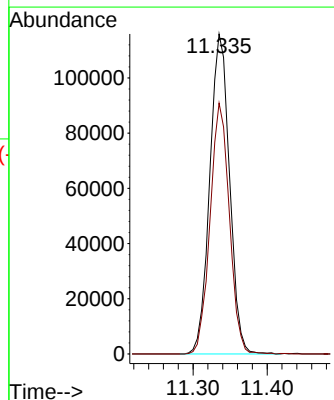
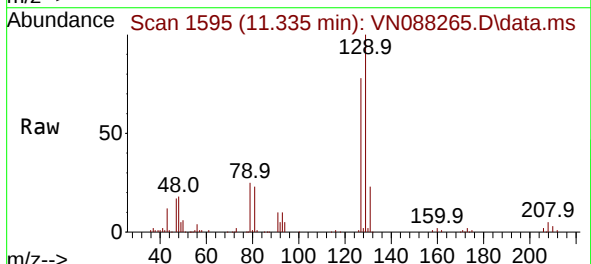
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

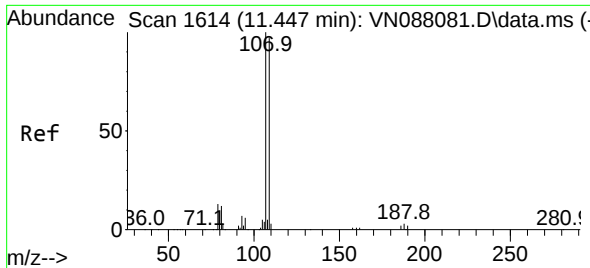
Tgt Ion: 43 Resp: 1128516
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.8



#60
Dibromochloromethane
Concen: 60.383 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:129 Resp: 214582
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

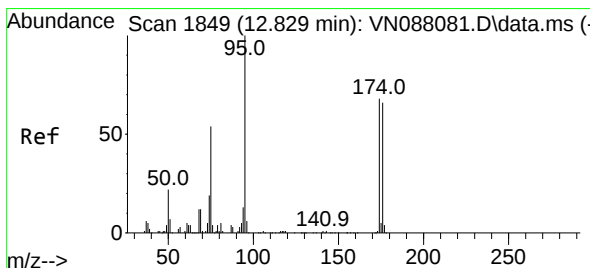
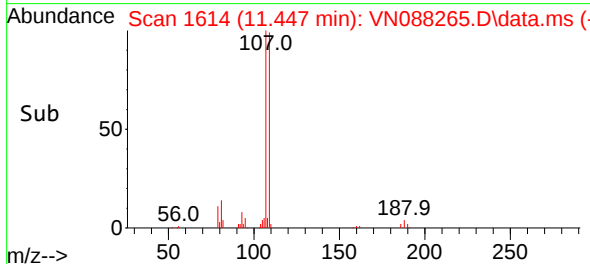
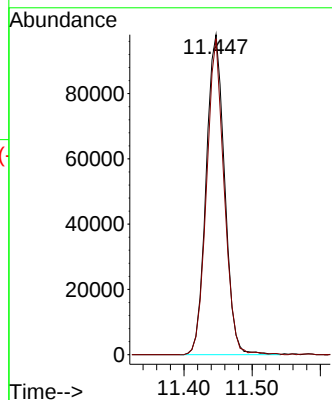
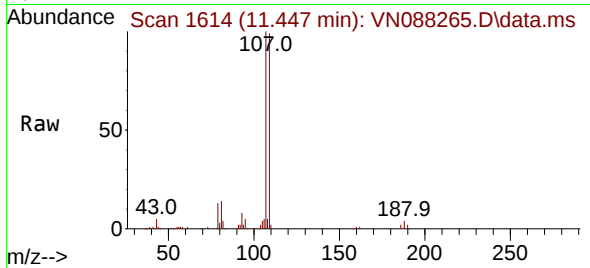




#61
1,2-Dibromoethane
Concen: 57.325 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

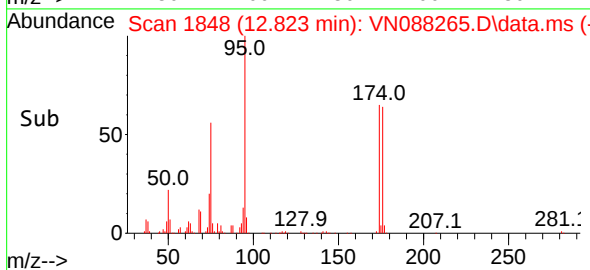
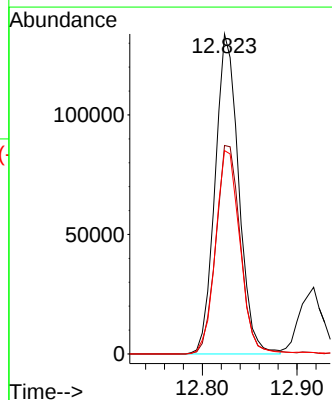
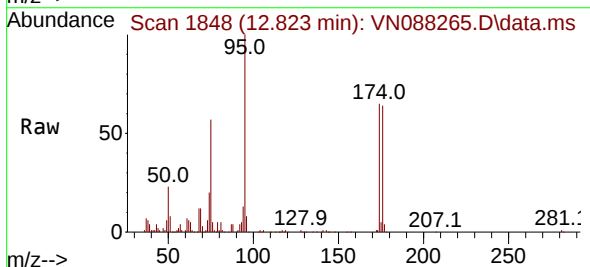
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

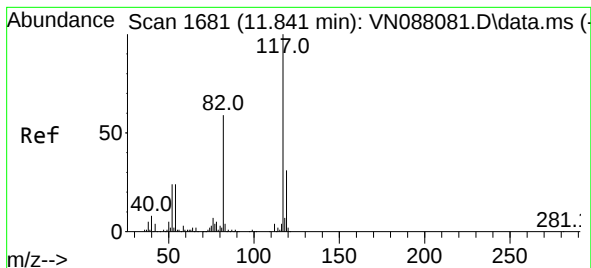
Tgt Ion:107 Resp: 184459
Ion Ratio Lower Upper
107 100
109 93.7 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 56.768 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 95 Resp: 232209
Ion Ratio Lower Upper
95 100
174 67.7 0.0 138.4
176 66.3 0.0 132.6

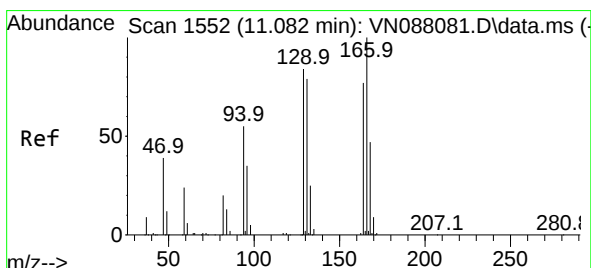
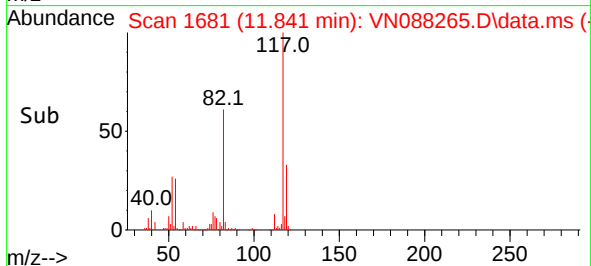
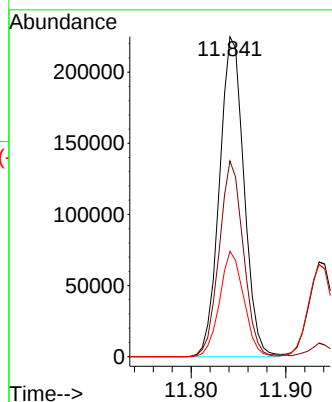
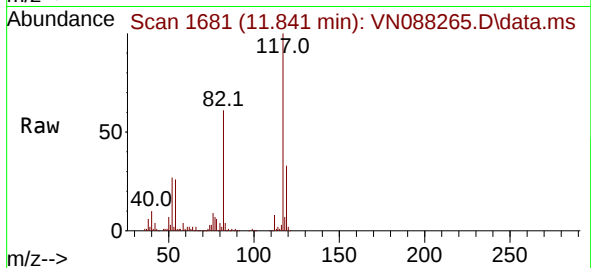




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

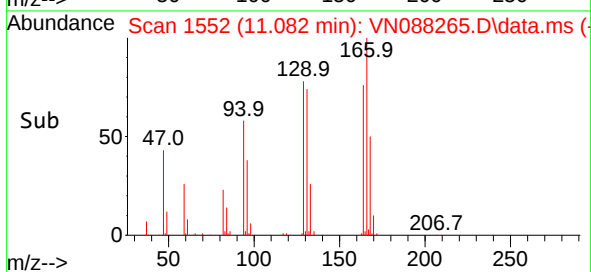
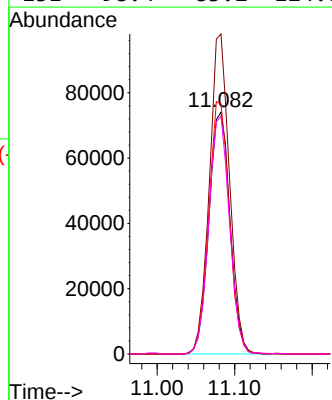
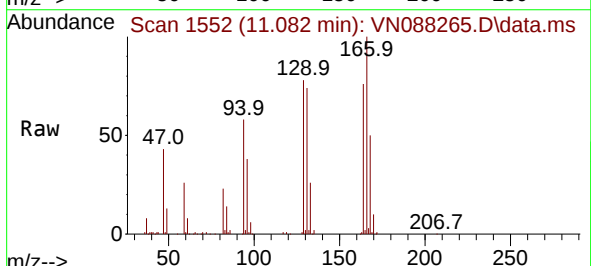
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

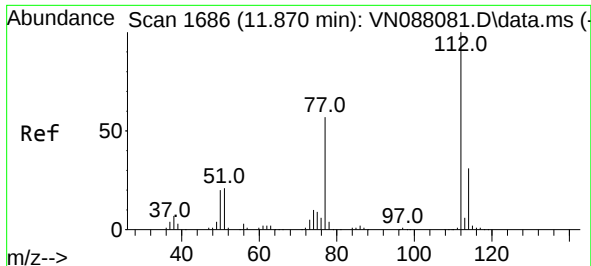
Tgt Ion:117 Resp: 404372
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.9 24.3 36.5



#64
Tetrachloroethene
Concen: 52.498 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:164 Resp: 140028
Ion Ratio Lower Upper
164 100
166 132.3 97.7 146.5
129 103.4 85.9 128.9
131 98.4 83.2 124.8

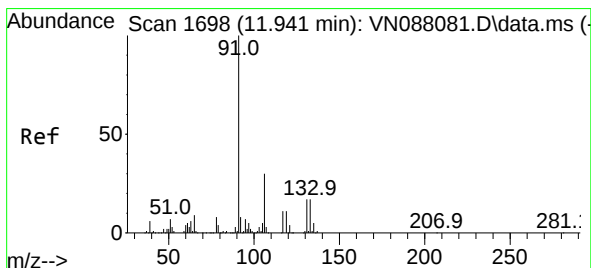
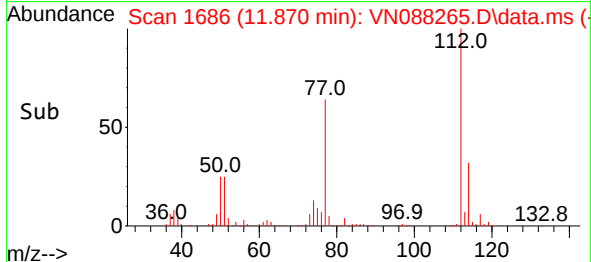
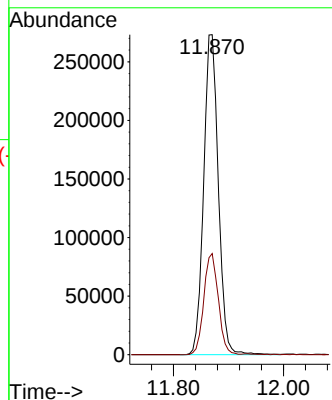
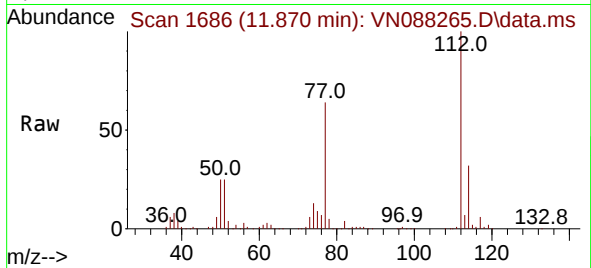




#65
Chlorobenzene
Concen: 55.041 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

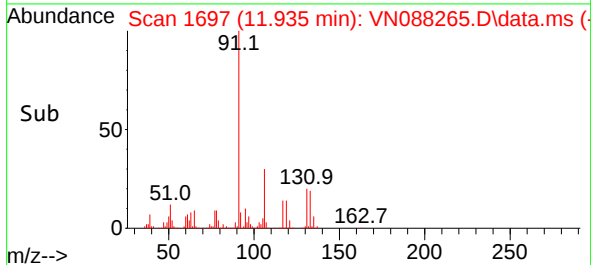
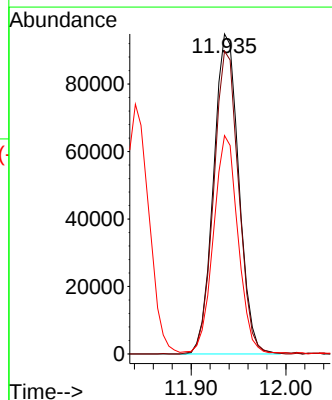
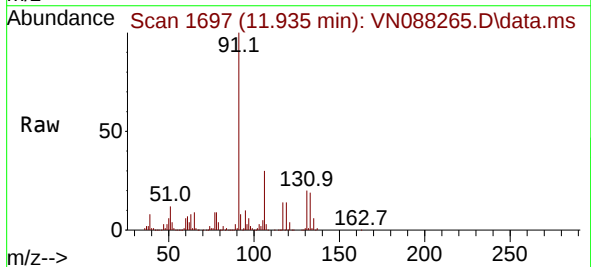
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

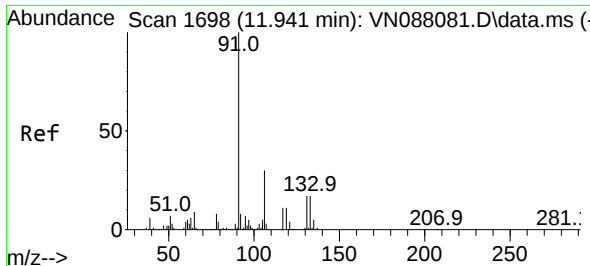
Tgt Ion:112 Resp: 505385
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.403 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:131 Resp: 175689
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 66.4 32.6 97.7

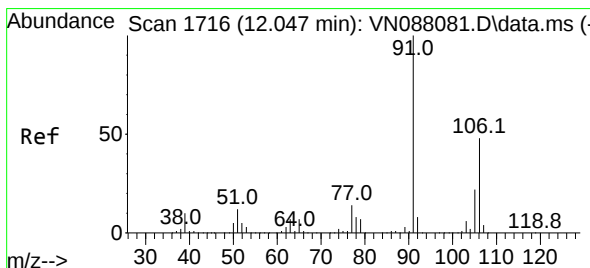
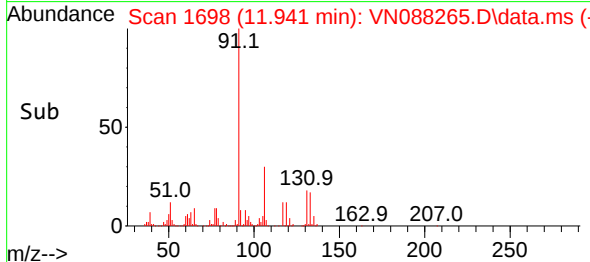
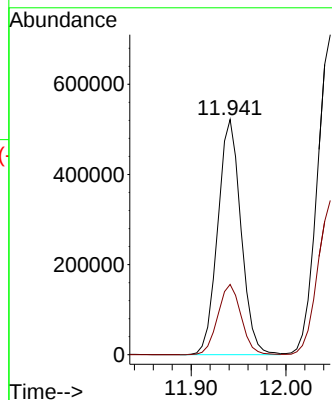
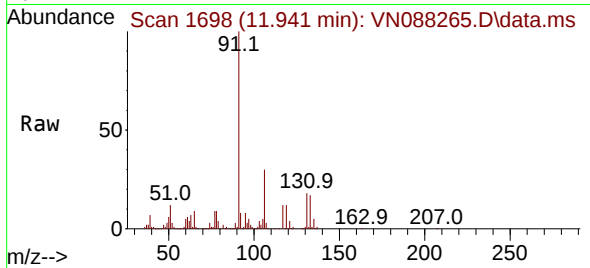




#67
Ethyl Benzene
Concen: 55.249 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

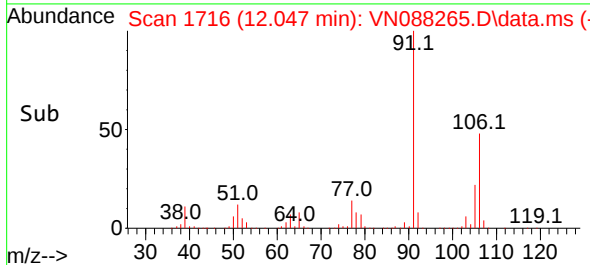
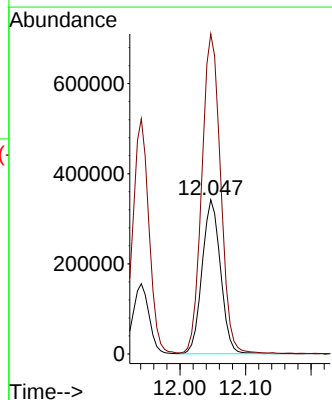
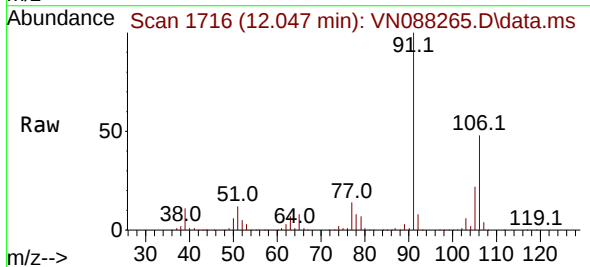
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

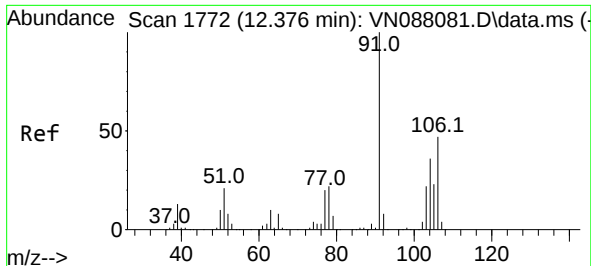
Tgt Ion: 91 Resp: 890460
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 110.469 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:106 Resp: 667106
Ion Ratio Lower Upper
106 100
91 212.2 169.3 253.9

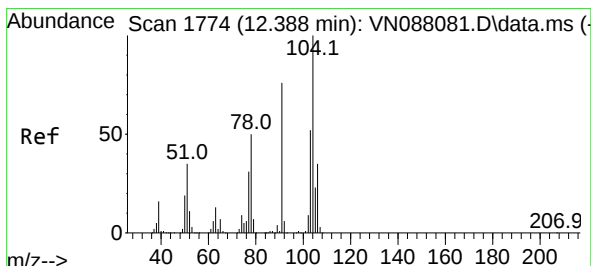
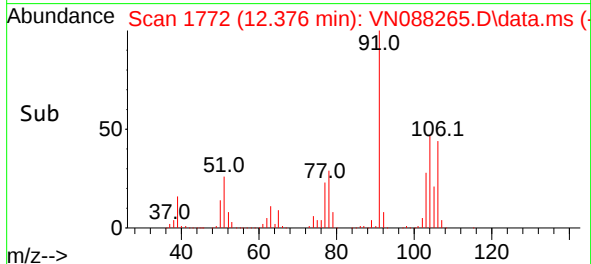
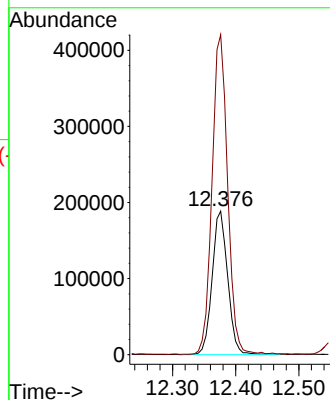
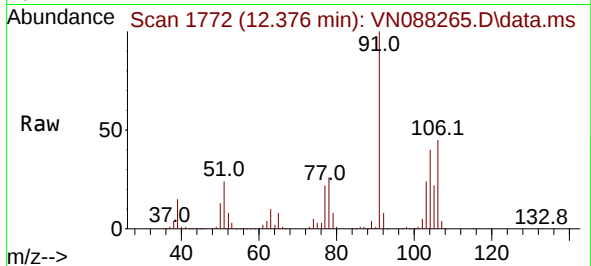




#69
o-Xylene
Concen: 56.321 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

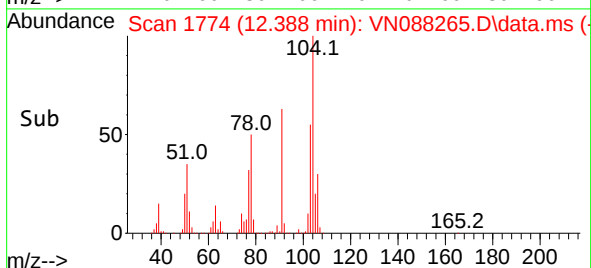
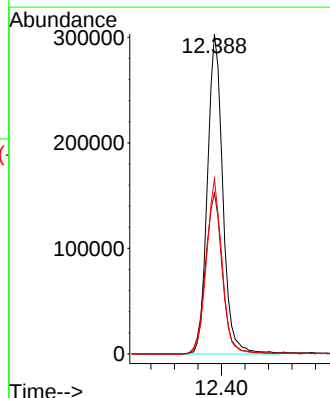
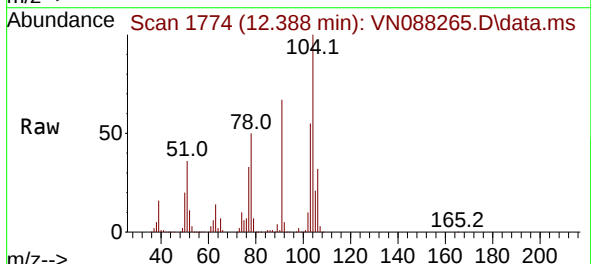
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

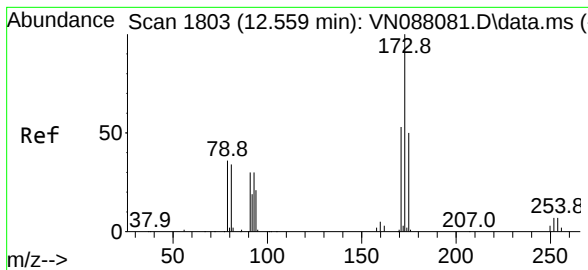
Tgt Ion:106 Resp: 322415
Ion Ratio Lower Upper
106 100
91 222.6 111.4 334.2



#70
Styrene
Concen: 58.800 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:104 Resp: 548902
Ion Ratio Lower Upper
104 100
78 55.5 42.2 63.2
103 55.9 43.4 65.2

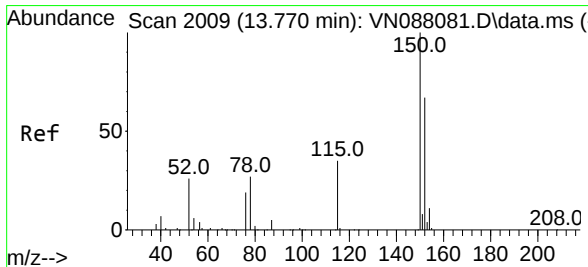
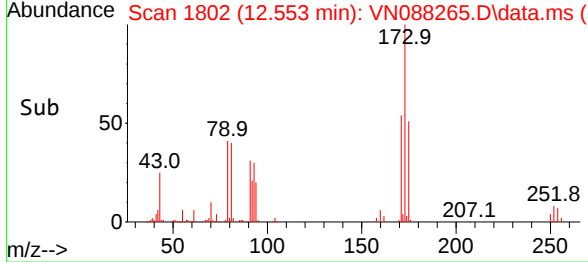
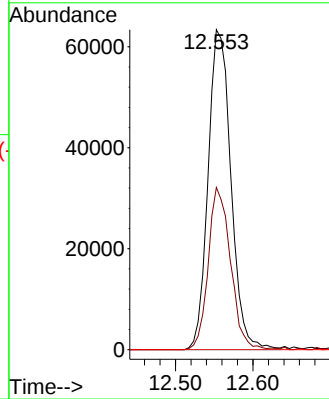
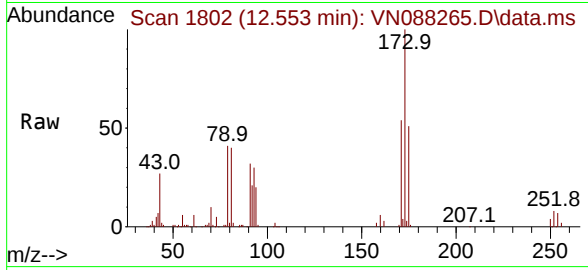




#71
Bromoform
Concen: 57.869 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

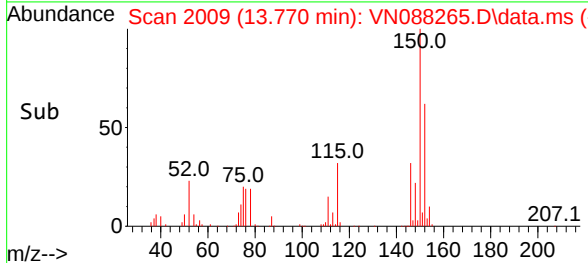
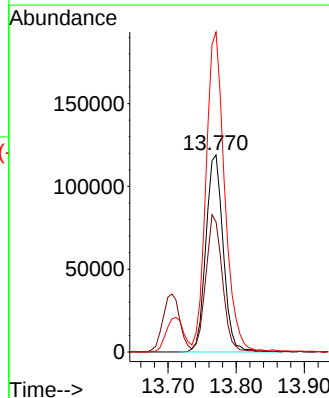
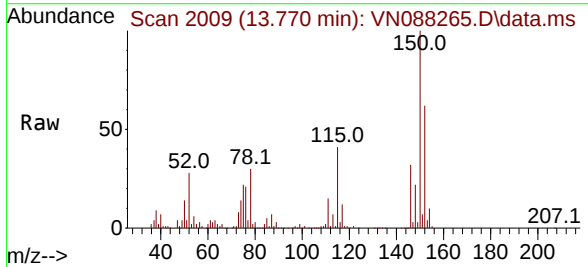
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

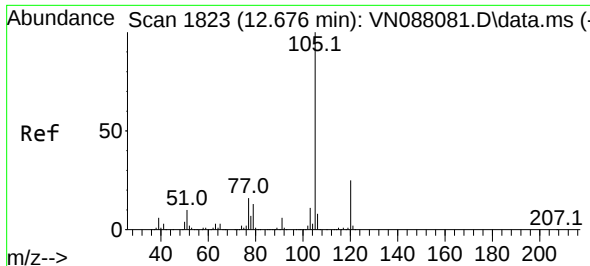
Tgt Ion:173 Resp: 129912
Ion Ratio Lower Upper
173 100
175 49.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:152 Resp: 210806
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 172.6 0.0 351.0

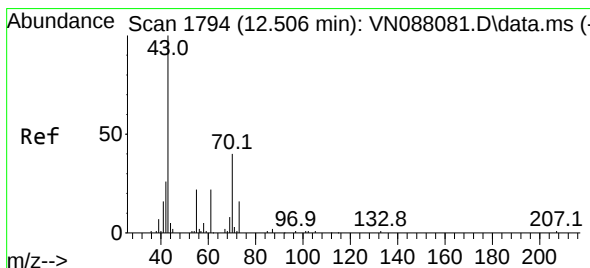
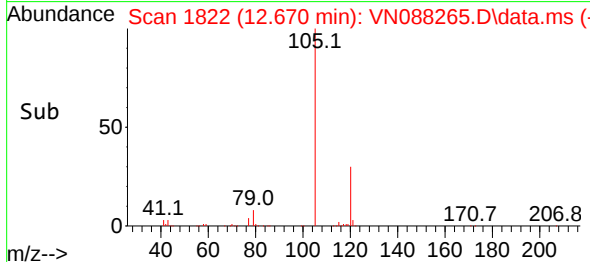
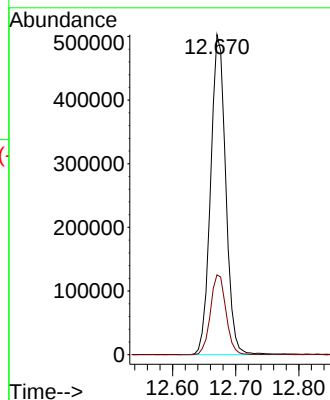
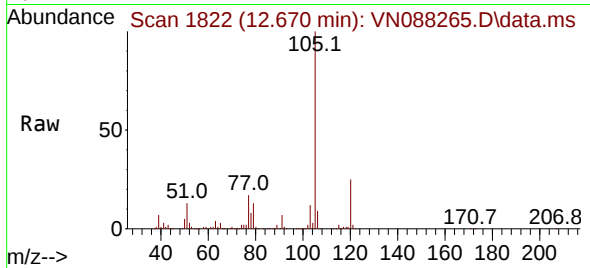




#73
Isopropylbenzene
Concen: 51.480 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

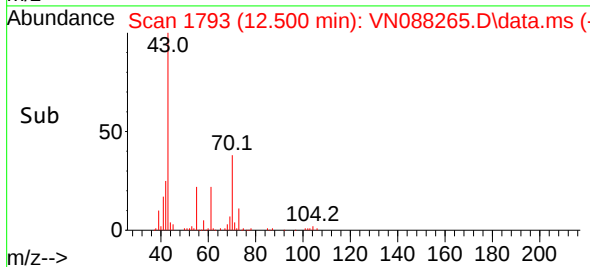
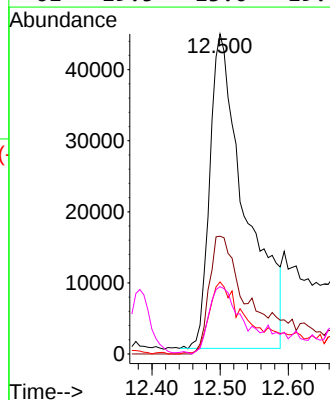
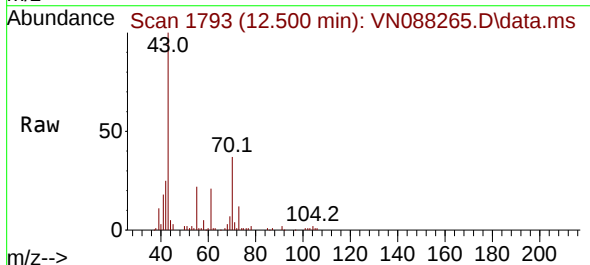
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

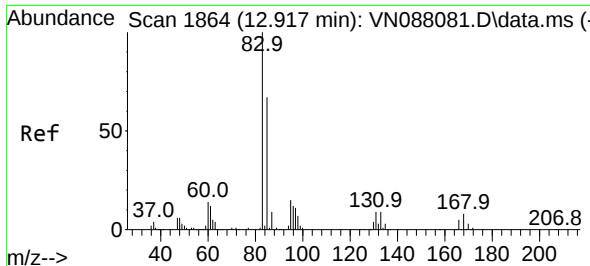
Tgt Ion:105 Resp: 837014
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 34.880 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 43 Resp: 160990
Ion Ratio Lower Upper
43 100
70 36.6 27.6 41.4
55 21.8 13.0 19.6#
61 19.5 13.0 19.6

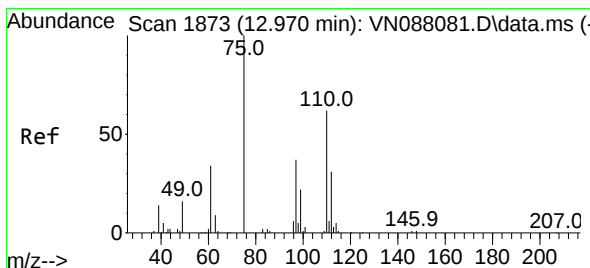
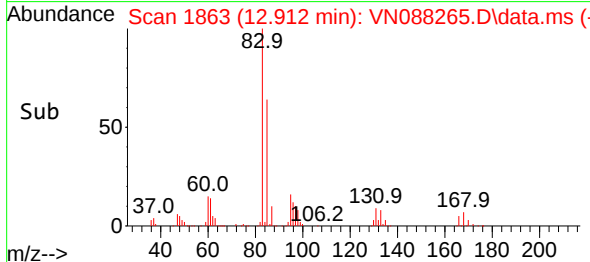
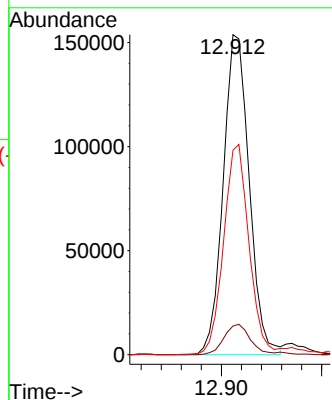
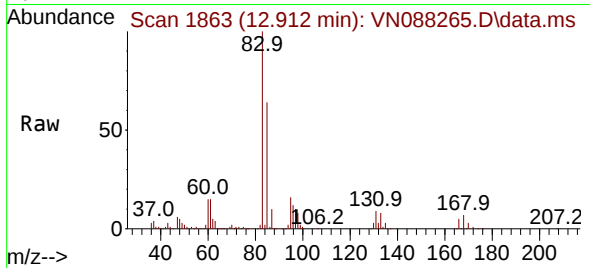




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.726 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

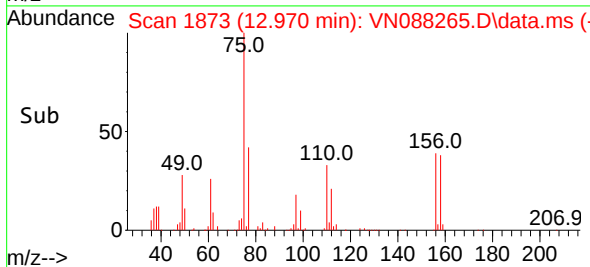
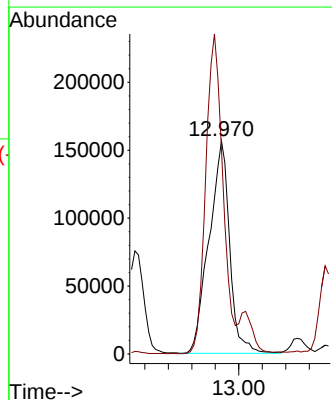
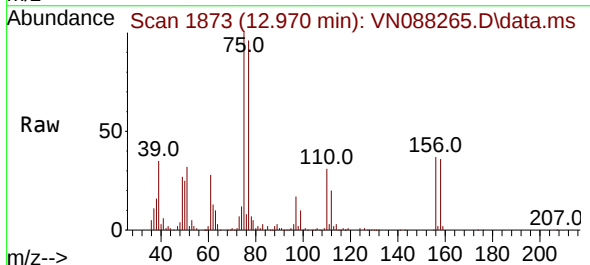
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

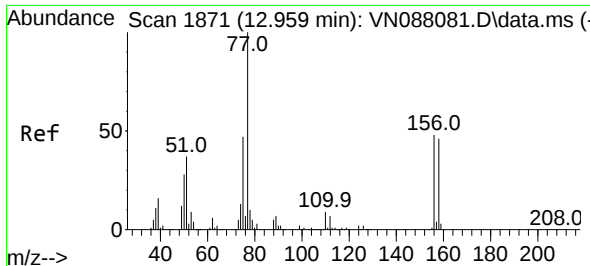
Tgt Ion: 83 Resp: 277017
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 64.7 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 78.896 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion: 75 Resp: 380252
 Ion Ratio Lower Upper
 75 100
 77 124.8 89.1 267.4

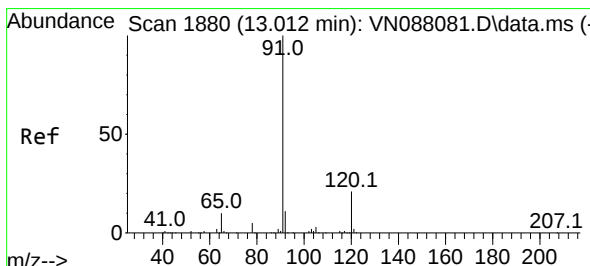
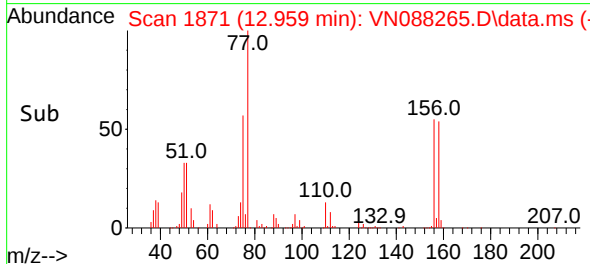
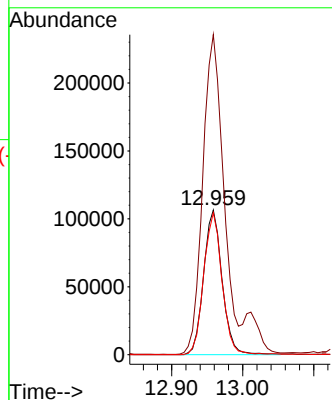
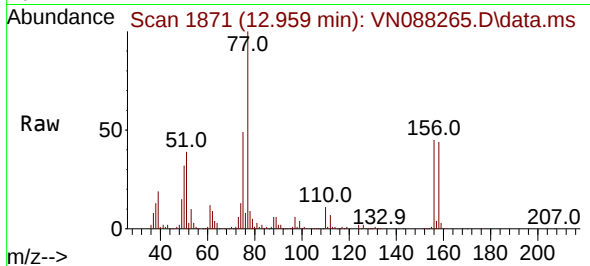




#77
Bromobenzene
Concen: 55.049 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

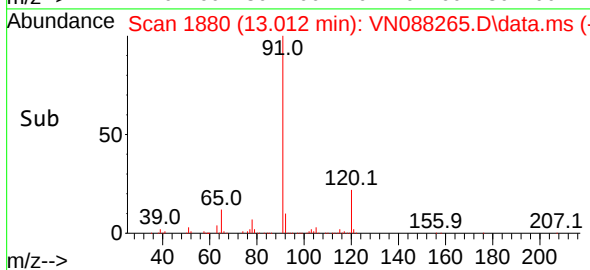
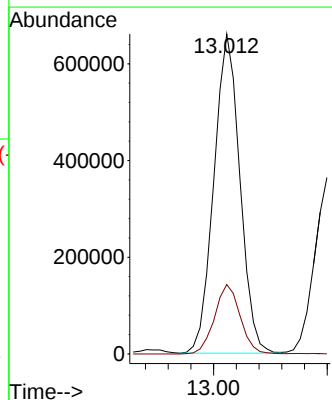
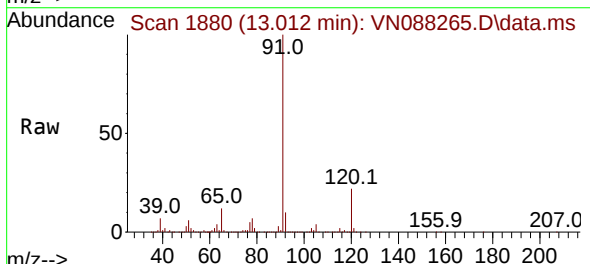
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

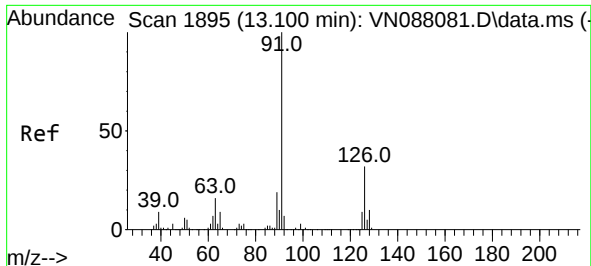
Tgt Ion:156 Resp: 193007
Ion Ratio Lower Upper
156 100
77 245.9 119.3 358.0
158 97.1 48.2 144.6



#78
n-propylbenzene
Concen: 52.867 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 91 Resp: 1048959
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1

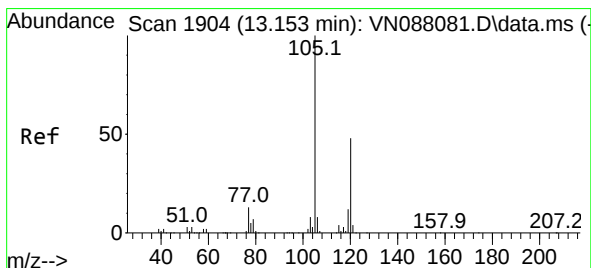
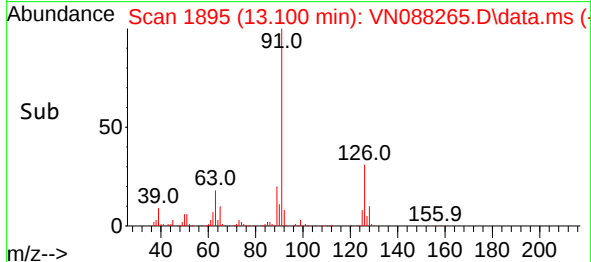
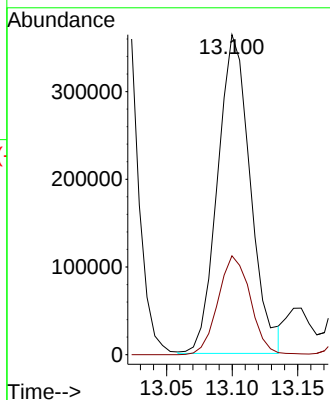
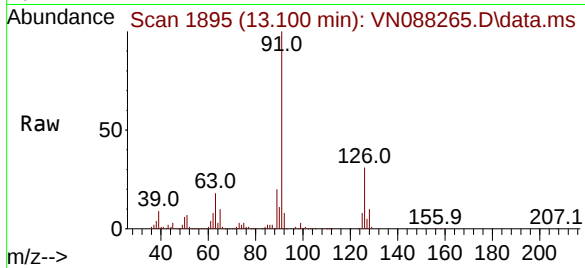




#79
2-Chlorotoluene
Concen: 55.759 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

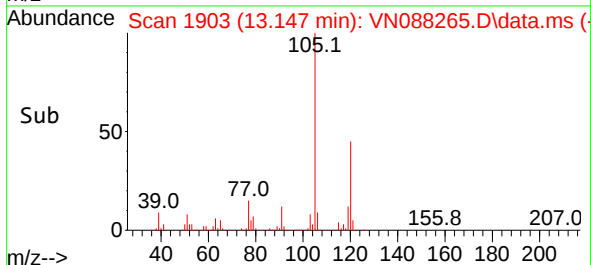
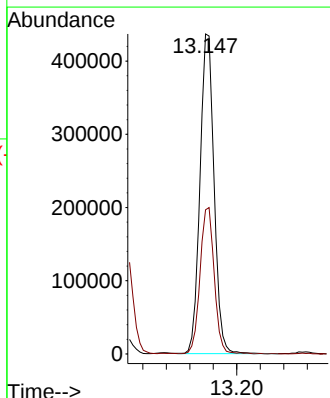
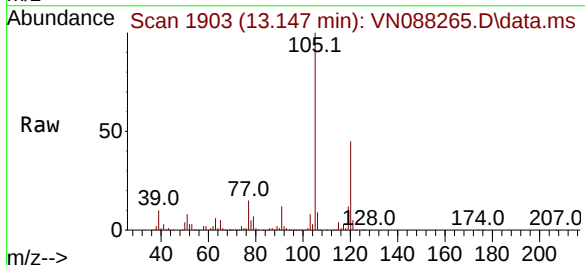
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

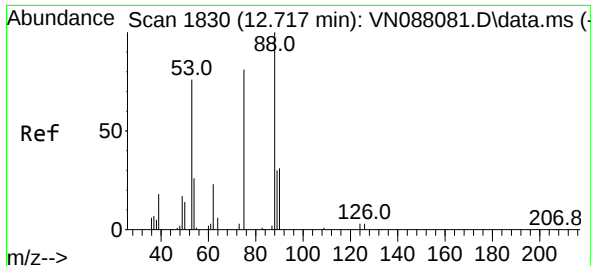
Tgt Ion: 91 Resp: 630932
Ion Ratio Lower Upper
91 100
126 30.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 53.785 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:105 Resp: 726271
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

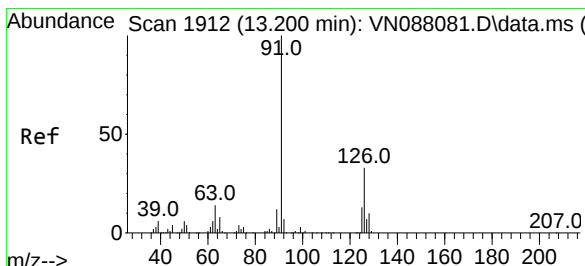
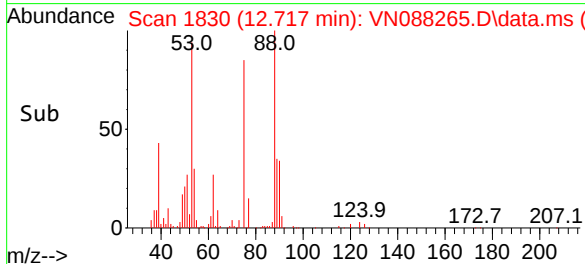
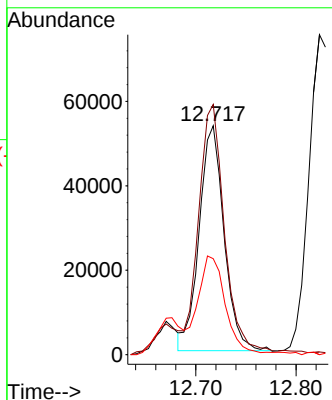
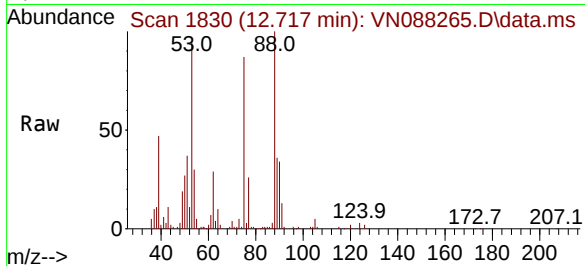




#81
trans-1,4-Dichloro-2-butene
Concen: 53.368 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

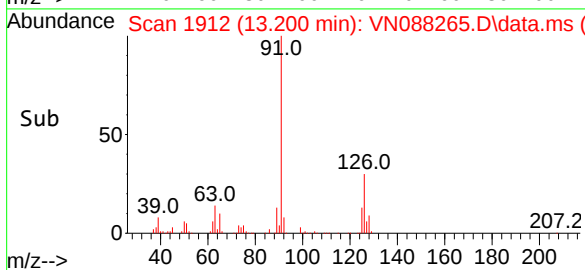
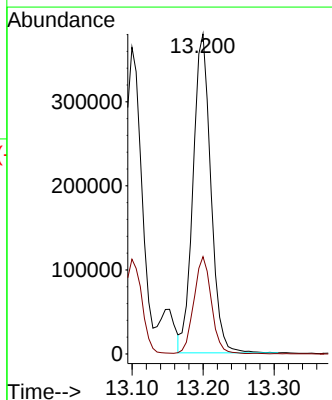
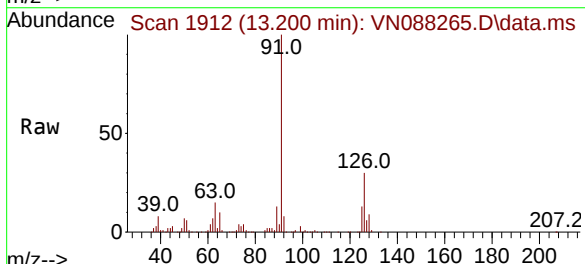
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

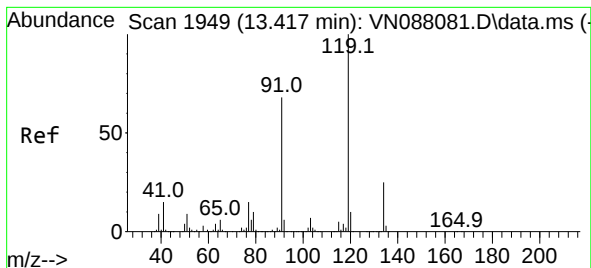
Tgt Ion: 75 Resp: 92207
Ion Ratio Lower Upper
75 100
53 112.0 101.8 152.6
89 49.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.018 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion: 91 Resp: 661286
Ion Ratio Lower Upper
91 100
126 29.7 15.6 46.8





#83

tert-Butylbenzene

Concen: 50.917 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

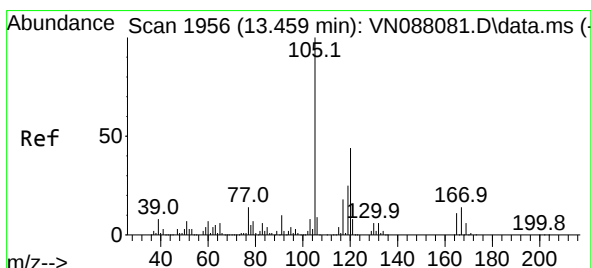
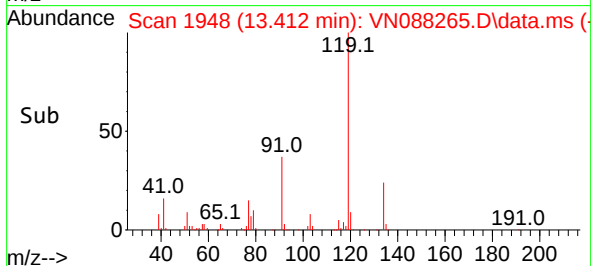
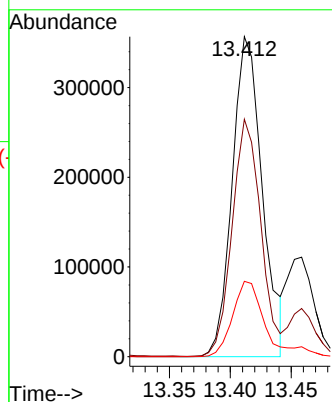
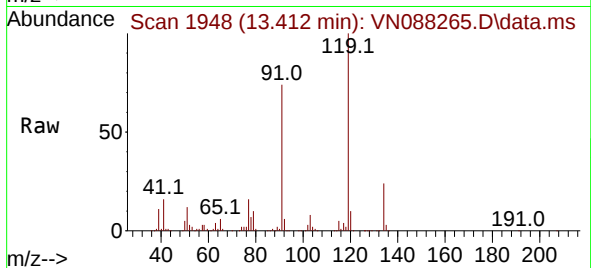
Tgt Ion:119 Resp: 614182

Ion Ratio Lower Upper

119 100

91 70.8 35.0 105.0

134 25.7 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 54.431 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088265.D

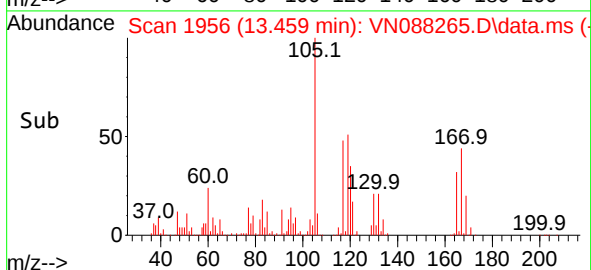
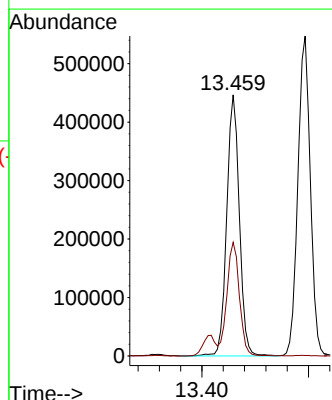
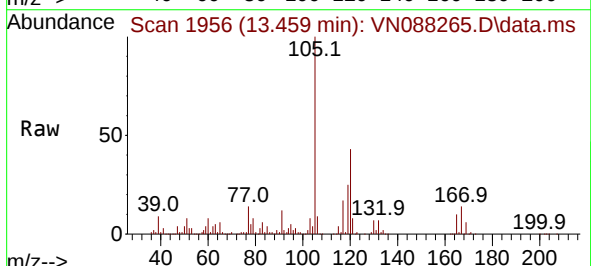
Acq: 12 Nov 2025 10:07

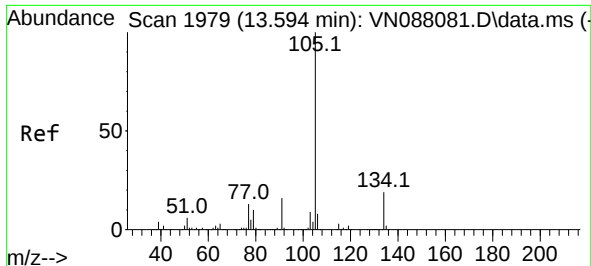
Tgt Ion:105 Resp: 735369

Ion Ratio Lower Upper

105 100

120 43.1 22.0 66.0

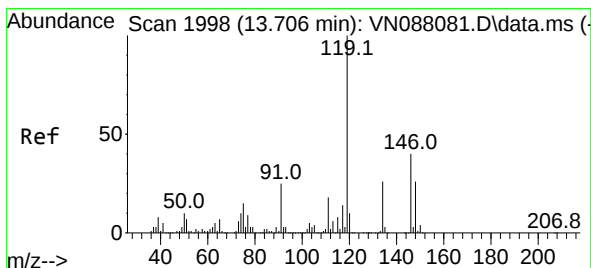
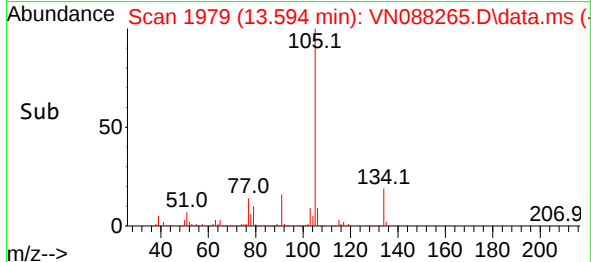
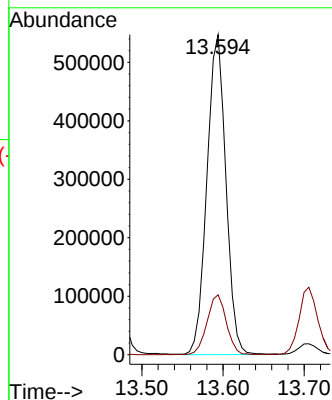
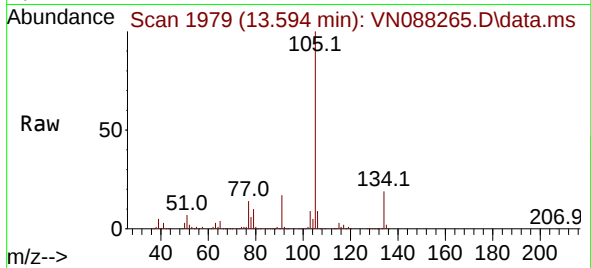




#85
sec-Butylbenzene
Concen: 50.089 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

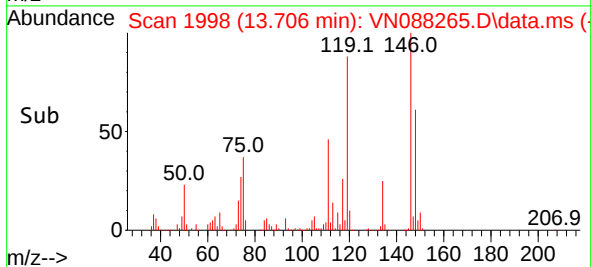
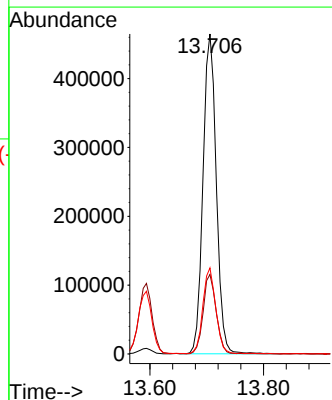
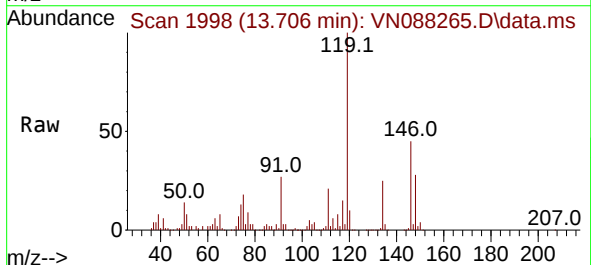
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

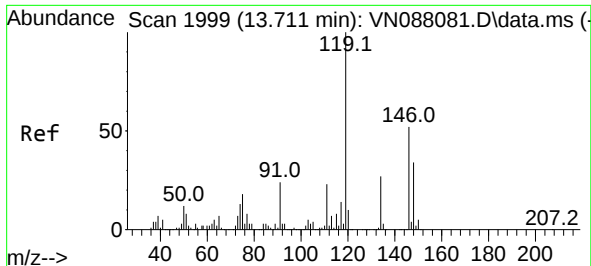
Tgt Ion:105 Resp: 887674
Ion Ratio Lower Upper
105 100
134 19.1 9.6 28.6



#86
p-Isopropyltoluene
Concen: 52.854 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:119 Resp: 751409
Ion Ratio Lower Upper
119 100
134 24.6 12.7 38.0
91 25.9 12.5 37.5

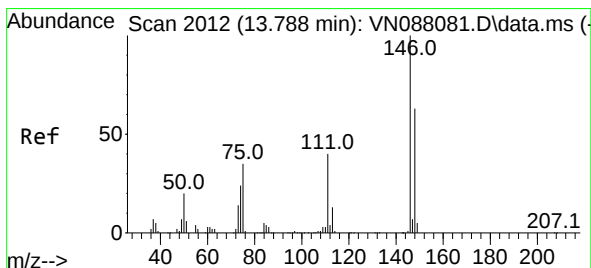
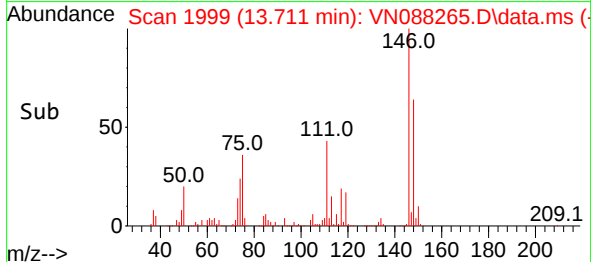
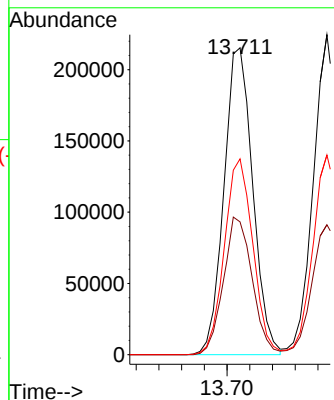
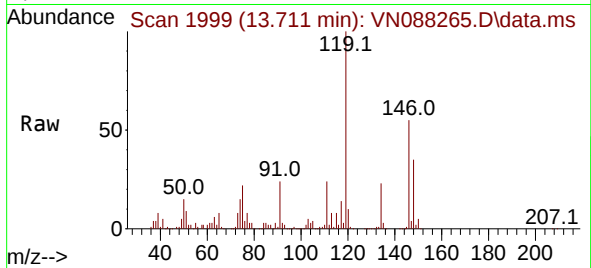




#87
 1,3-Dichlorobenzene
 Concen: 54.205 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

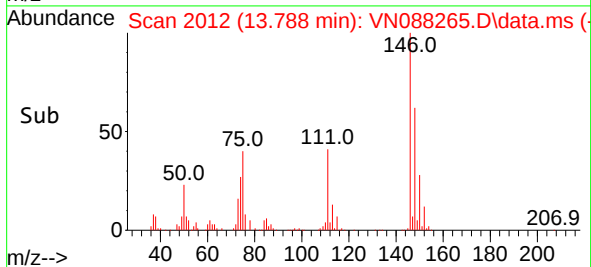
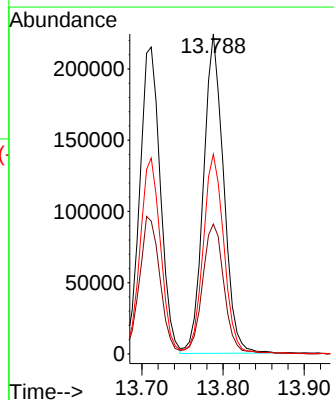
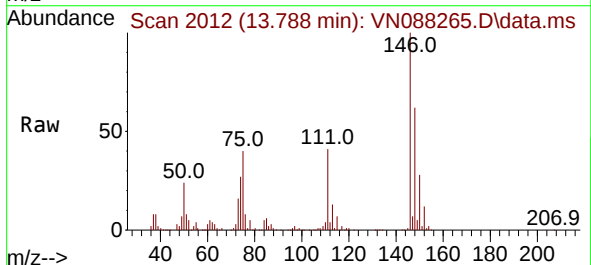
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

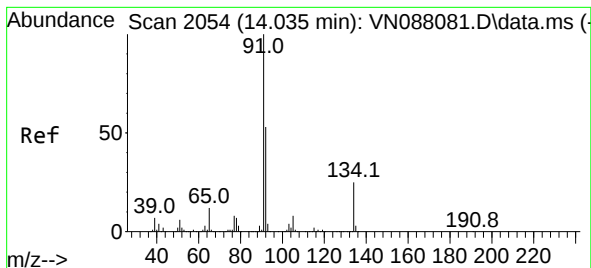
Tgt Ion:146 Resp: 379388
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.5
 148 63.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.299 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion:146 Resp: 385634
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.0 63.0
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 50.696 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

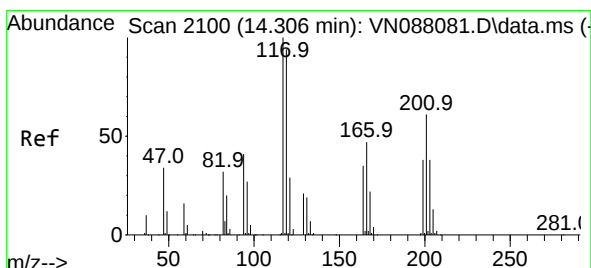
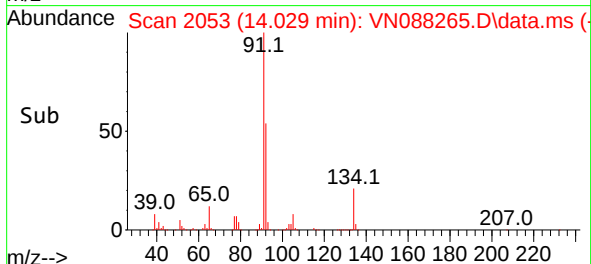
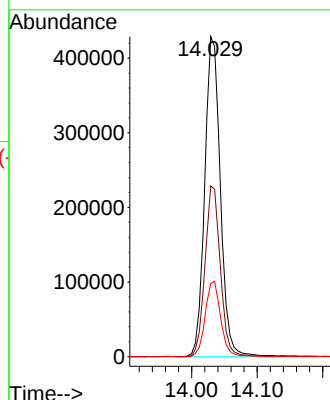
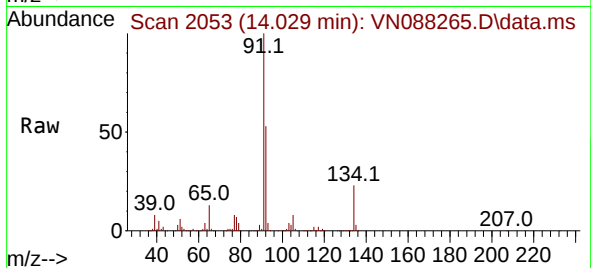
Tgt Ion: 91 Resp: 713923

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 23.3 11.7 35.0



#90

Hexachloroethane

Concen: 50.887 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088265.D

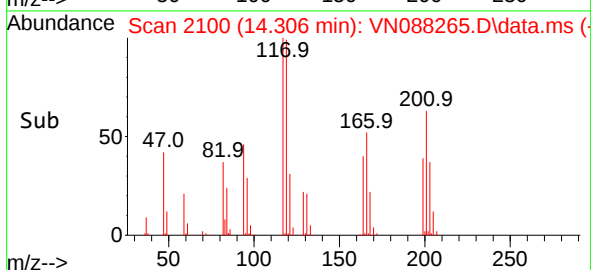
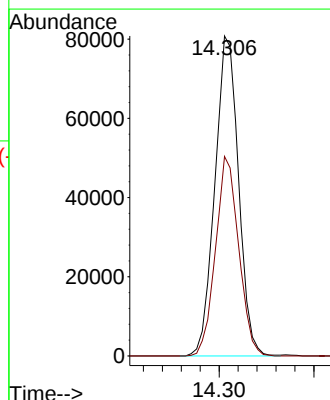
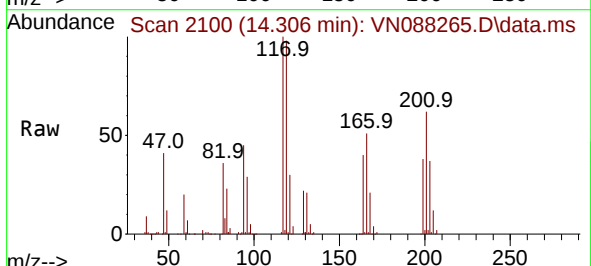
Acq: 12 Nov 2025 10:07

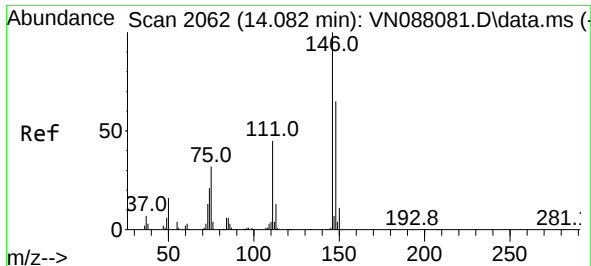
Tgt Ion: 117 Resp: 140098

Ion Ratio Lower Upper

117 100

201 61.1 29.1 87.4

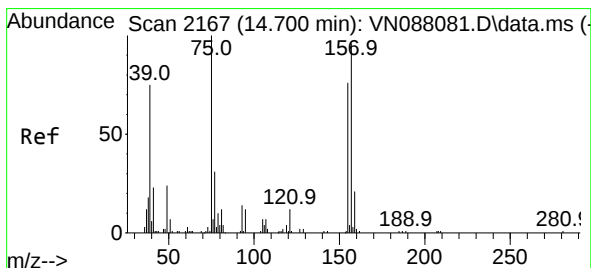
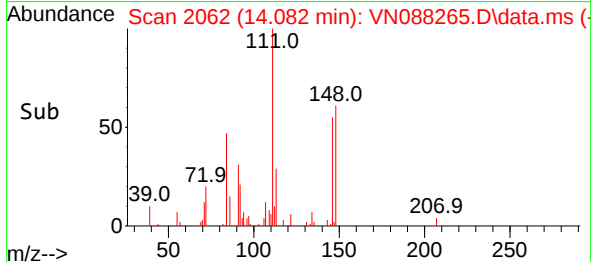
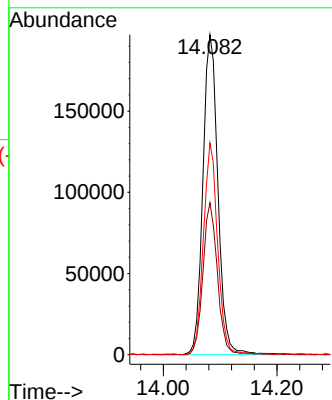
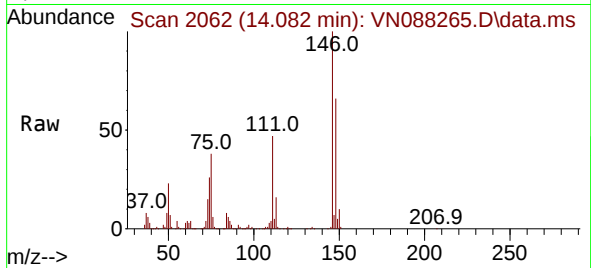




#91
 1,2-Dichlorobenzene
 Concen: 53.549 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

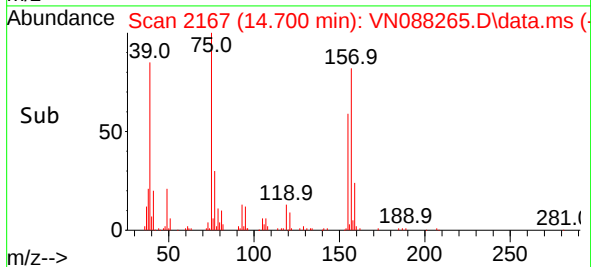
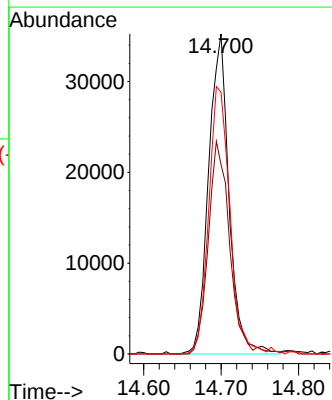
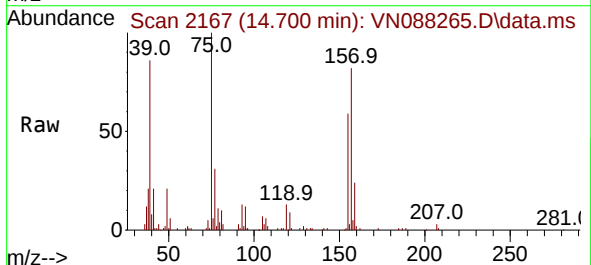
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

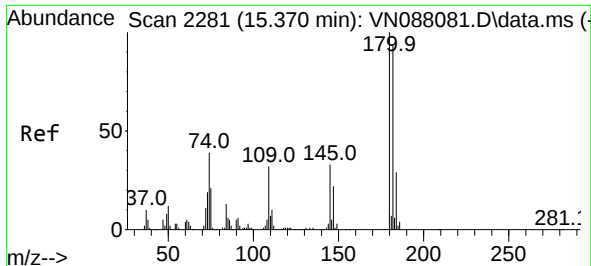
Tgt Ion:146 Resp: 361282
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.6 67.8
 148 63.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.694 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088265.D
 Acq: 12 Nov 2025 10:07

Tgt Ion: 75 Resp: 64439
 Ion Ratio Lower Upper
 75 100
 155 69.5 36.6 109.9
 157 86.2 45.6 136.9

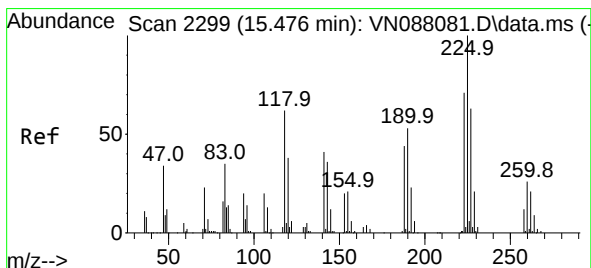
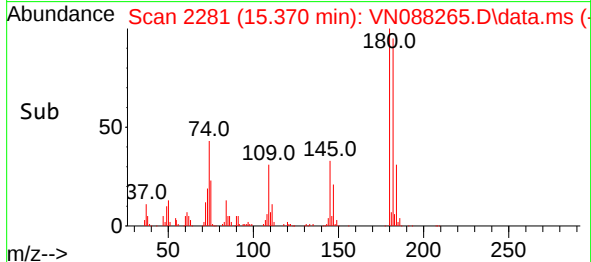
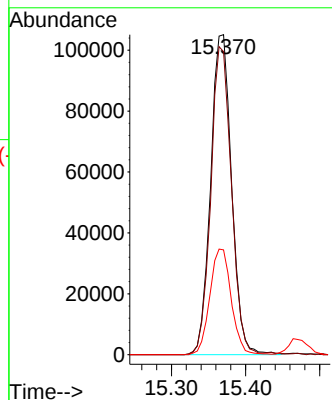
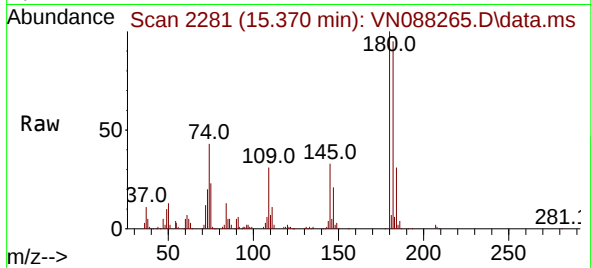




#93
1,2,4-Trichlorobenzene
Concen: 50.519 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

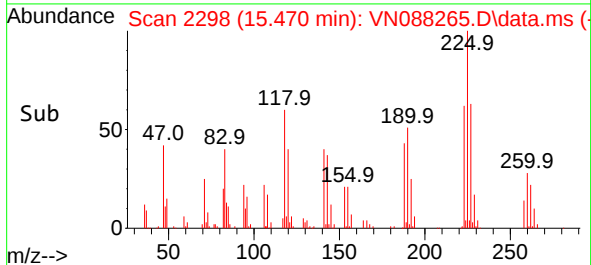
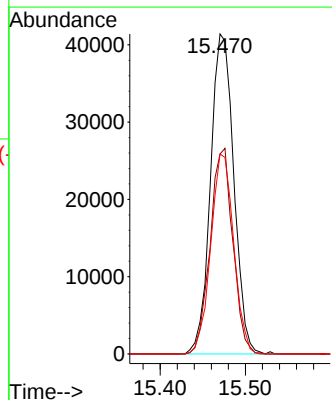
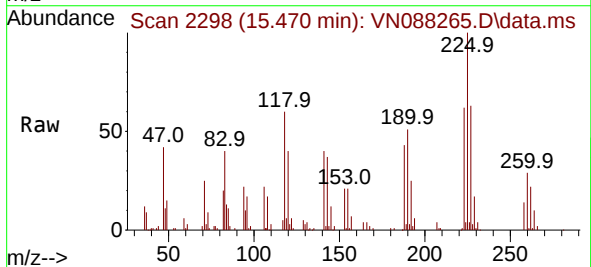
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

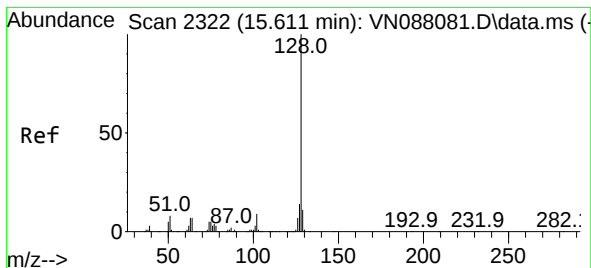
Tgt Ion:180 Resp: 206420
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.9
145 33.7 16.5 49.5



#94
Hexachlorobutadiene
Concen: 51.697 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088265.D
Acq: 12 Nov 2025 10:07

Tgt Ion:225 Resp: 78662
Ion Ratio Lower Upper
225 100
223 62.5 32.0 96.2
227 61.4 32.1 96.5





#95

Naphthalene

Concen: 51.134 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

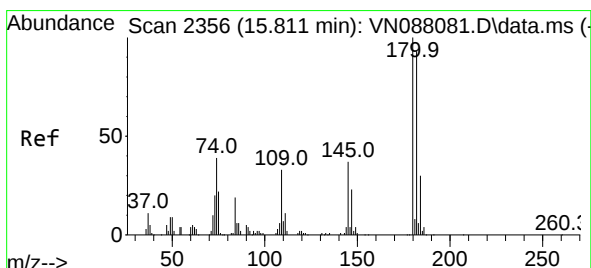
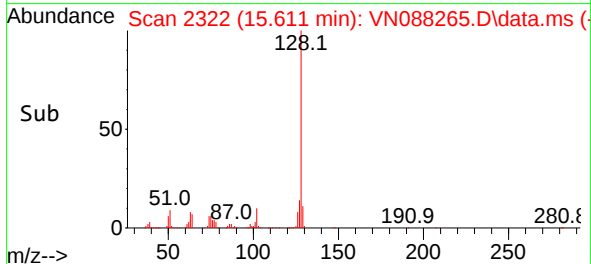
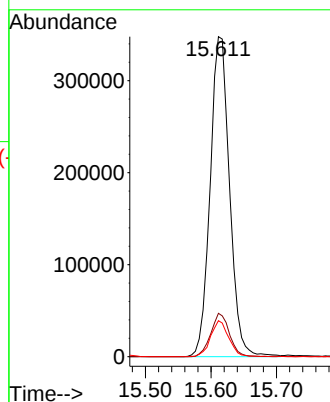
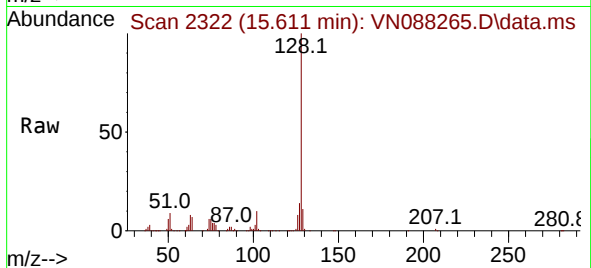
Tgt Ion:128 Resp: 715747

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.189 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088265.D

Acq: 12 Nov 2025 10:07

Tgt Ion:180 Resp: 196629

Ion Ratio Lower Upper

180 100

182 95.7 46.8 140.3

145 37.2 17.3 52.0

