

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088315.D
 Acq On : 18 Nov 2025 15:14
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 19 03:34:35 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	8.200	168	225812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	410938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	377745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	213207	54.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	8.147	113	149204	54.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.100%	
50) Toluene-d8	10.547	98	531601	49.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.829	95	189347	50.402	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	110671	43.449	ug/l	99
3) Chloromethane	2.383	50	145347	48.504	ug/l	97
4) Vinyl Chloride	2.536	62	155628	47.665	ug/l	100
5) Bromomethane	2.965	94	87074	44.586	ug/l	95
6) Chloroethane	3.130	64	102633	43.628	ug/l	96
7) Trichlorofluoromethane	3.506	101	239180	45.929	ug/l	98
8) Diethyl Ether	3.959	74	93966	48.550	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	127952	47.615	ug/l	98
10) Methyl Iodide	4.577	142	126817	51.639	ug/l	94
11) Tert butyl alcohol	5.524	59	166768	247.906	ug/l	99
12) 1,1-Dichloroethene	4.330	96	121635	42.856	ug/l	96
13) Acrolein	4.177	56	257226	339.942	ug/l	98
14) Allyl chloride	5.006	41	238243	47.890	ug/l	97
15) Acrylonitrile	5.706	53	521124	284.391	ug/l	99
16) Acetone	4.418	43	440044	224.318	ug/l	99
17) Carbon Disulfide	4.706	76	361139	41.858	ug/l	100
18) Methyl Acetate	5.012	43	247700	61.677	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	566488	54.349	ug/l	98
20) Methylene Chloride	5.259	84	164110	49.836	ug/l	92
21) trans-1,2-Dichloroethene	5.765	96	149458	47.975	ug/l	96
22) Diisopropyl ether	6.653	45	597791	57.139	ug/l	95
23) Vinyl Acetate	6.588	43	2662099	282.478	ug/l	99
24) 1,1-Dichloroethane	6.553	63	313584	54.110	ug/l	97
25) 2-Butanone	7.465	43	707384	273.626	ug/l	98
26) 2,2-Dichloropropane	7.471	77	270216	51.308	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	184669	51.491	ug/l	94
28) Bromochloromethane	7.794	49	154605	56.460	ug/l	97
29) Tetrahydrofuran	7.824	42	472477	280.435	ug/l	98
30) Chloroform	7.947	83	327047	56.488	ug/l	100
31) Cyclohexane	8.235	56	248952	45.547	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	267077	51.794	ug/l	98
36) 1,1-Dichloropropene	8.353	75	207557	51.491	ug/l	98
37) Ethyl Acetate	7.541	43	289681	55.688	ug/l	98
38) Carbon Tetrachloride	8.341	117	228561	54.899	ug/l	95
39) Methylcyclohexane	9.582	83	221153	42.683	ug/l	98
40) Benzene	8.582	78	659314	53.707	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	156609	57.202	ug/l	98
42) 1,2-Dichloroethane	8.647	62	259929	59.591	ug/l	100
43) Isopropyl Acetate	8.671	43	471432	58.979	ug/l	98
44) Trichloroethene	9.329	130	149544	52.117	ug/l	94
45) 1,2-Dichloropropane	9.600	63	178810	57.695	ug/l	97
46) Dibromomethane	9.688	93	129972	58.801	ug/l	97
47) Bromodichloromethane	9.865	83	263822	59.615	ug/l	100
48) Methyl methacrylate	9.665	41	216172	58.578	ug/l	98
49) 1,4-Dioxane	9.676	88	54179	1180.415	ug/l #	93
51) 4-Methyl-2-Pentanone	10.423	43	1474311	311.779	ug/l	99
52) Toluene	10.606	92	400727	52.945	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	277244	58.862	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	291298	58.283	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	162791	56.692	ug/l	96
56) Ethyl methacrylate	10.853	69	268106	59.000	ug/l	98
57) 1,3-Dichloropropane	11.141	76	293389	58.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	763328	322.941	ug/l	99
59) 2-Hexanone	11.176	43	981152	312.776	ug/l	100
60) Dibromochloromethane	11.335	129	189488	58.058	ug/l	98
61) 1,2-Dibromoethane	11.447	107	164590	55.694	ug/l	97
64) Tetrachloroethene	11.082	164	120864	48.507	ug/l	94
65) Chlorobenzene	11.870	112	442281	51.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	153453	54.607	ug/l	98
67) Ethyl Benzene	11.941	91	771567	51.246	ug/l	98
68) m/p-Xylenes	12.047	106	569473	100.948	ug/l	98
69) o-Xylene	12.376	106	279582	52.281	ug/l	98
70) Styrene	12.388	104	472822	54.220	ug/l	98
71) Bromoform	12.559	173	118282	56.402	ug/l #	98
73) Isopropylbenzene	12.670	105	707319	48.200	ug/l	100
74) N-amyl acetate	12.500	43	159257	38.230	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.917	83	245874	53.817	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	330834	76.053	ug/l	62
77) Bromobenzene	12.959	156	167712	52.999	ug/l	97
78) n-propylbenzene	13.012	91	871758	48.680	ug/l	99
79) 2-Chlorotoluene	13.106	91	525866	51.492	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	601387	49.345	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	81158	52.044	ug/l	86
82) 4-Chlorotoluene	13.200	91	549175	49.703	ug/l	100
83) tert-Butylbenzene	13.417	119	512383	47.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	618316	50.708	ug/l	99
85) sec-Butylbenzene	13.594	105	736032	46.016	ug/l	99
86) p-Isopropyltoluene	13.706	119	617059	48.090	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	327533	51.849	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	330893	48.770	ug/l	99
89) n-Butylbenzene	14.035	91	593068	46.661	ug/l	100
90) Hexachloroethane	14.306	117	121131	48.748	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	310815	51.043	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	55560	52.249	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	179925	48.789	ug/l	96
94) Hexachlorobutadiene	15.476	225	64440	46.923	ug/l	99
95) Naphthalene	15.611	128	631571	49.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	172713	48.844	ug/l	99

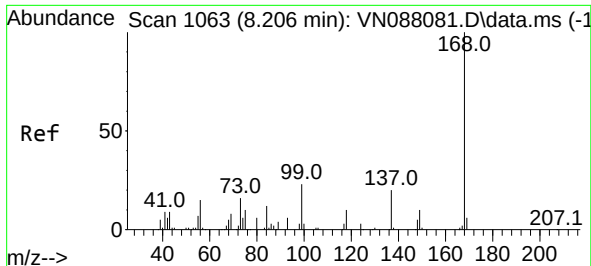
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QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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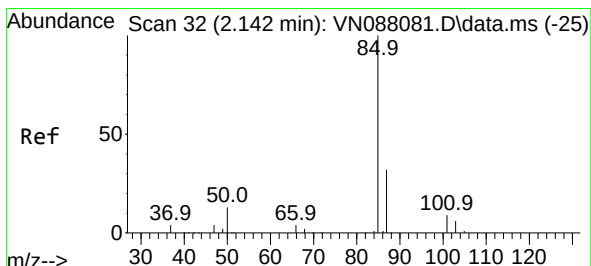
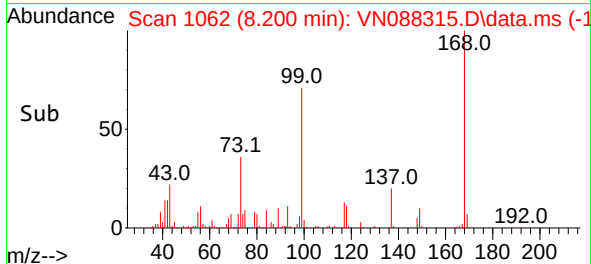
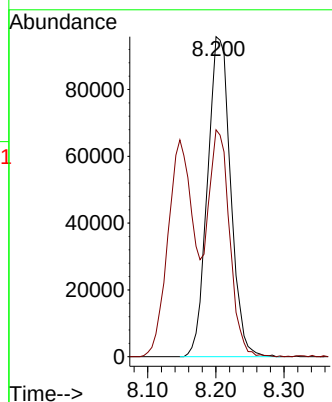
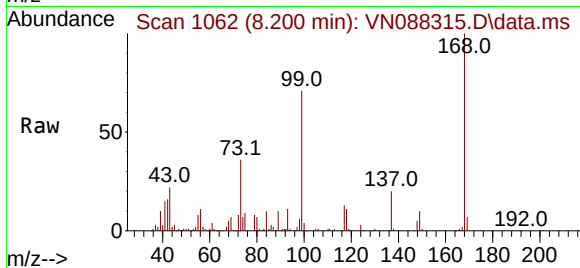
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

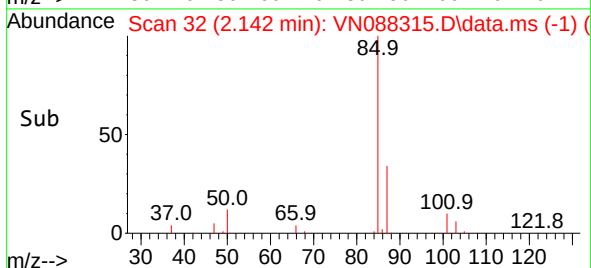
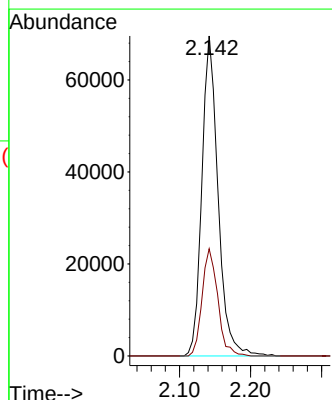
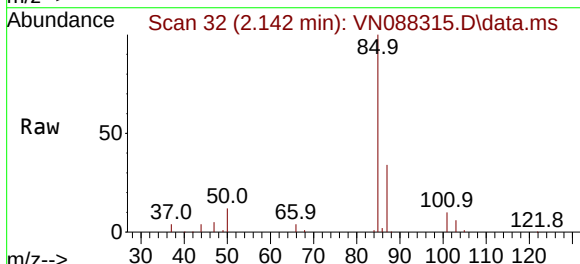
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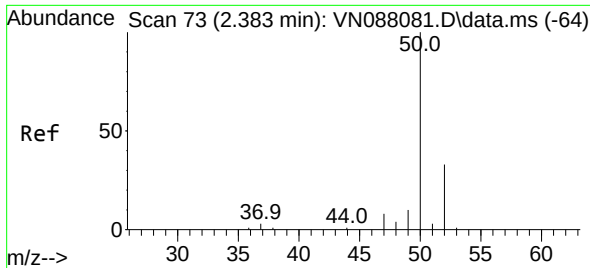
Tgt Ion:168 Resp: 225812
Ion Ratio Lower Upper
168 100
99 70.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 43.449 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 85 Resp: 110671
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.8

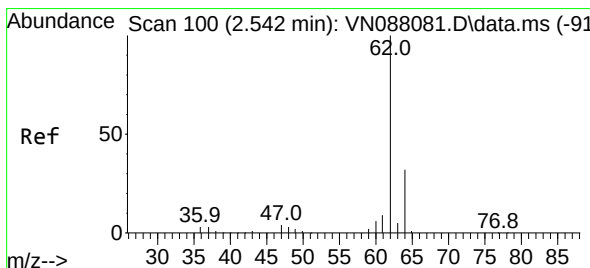
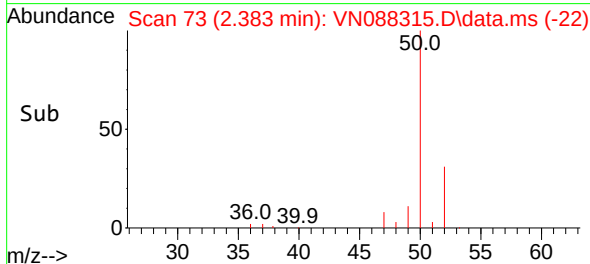
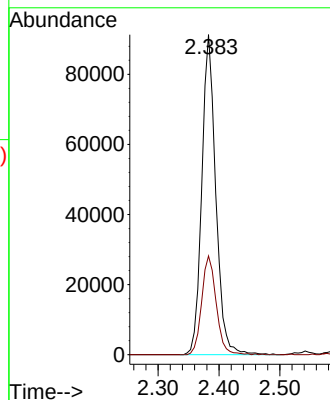
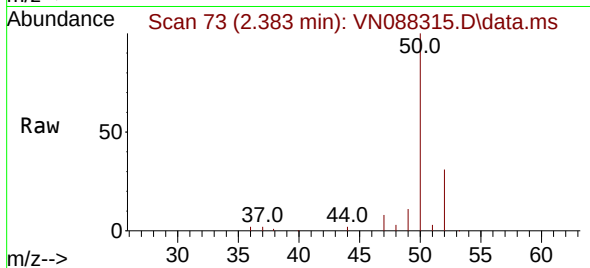




#3
Chloromethane
Concen: 48.504 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

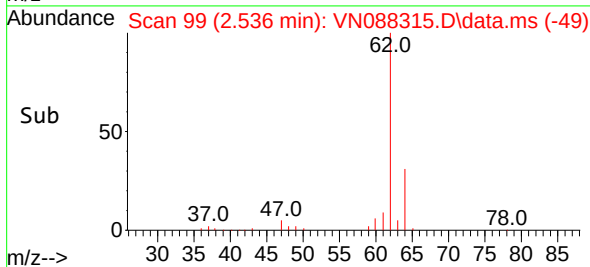
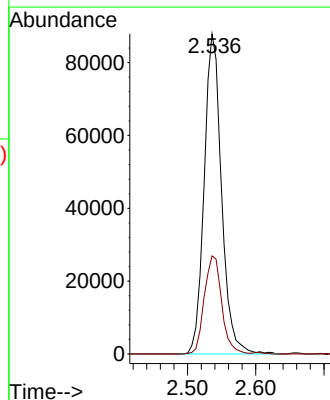
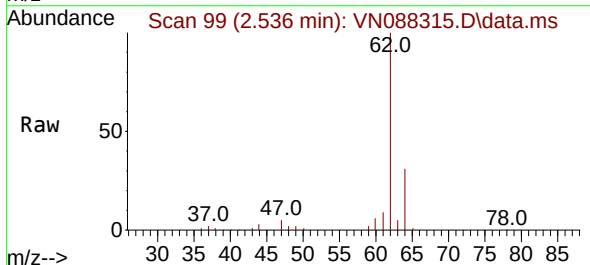
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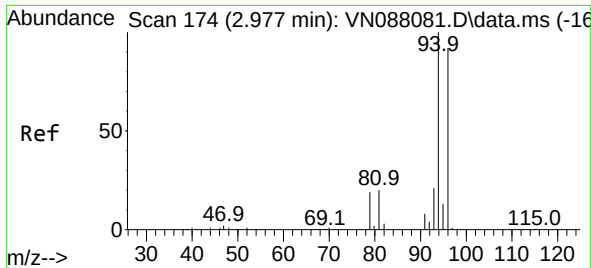
Tgt Ion: 50 Resp: 145347
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.4



#4
Vinyl Chloride
Concen: 47.665 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 62 Resp: 155628
Ion Ratio Lower Upper
62 100
64 30.7 24.6 37.0

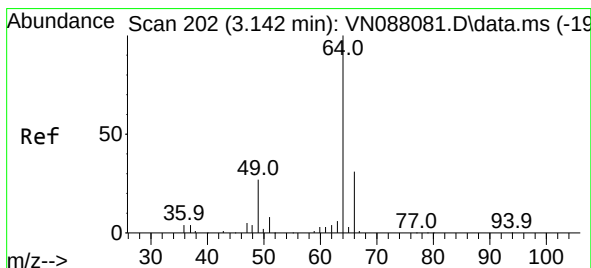
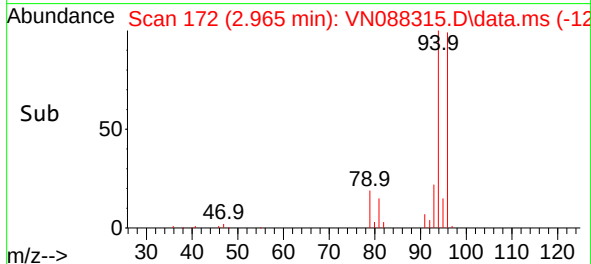
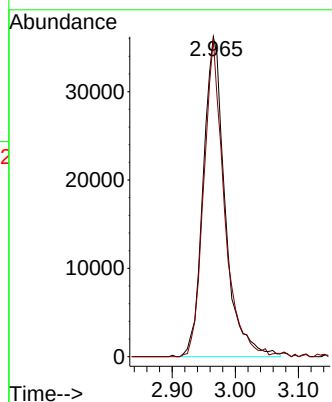
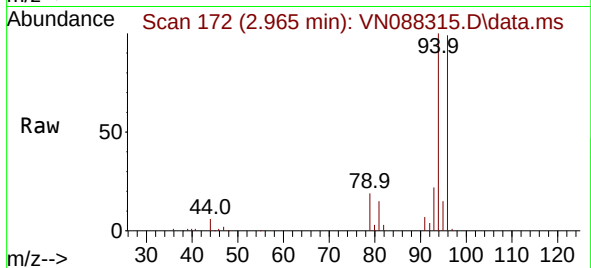




#5
Bromomethane
Concen: 44.586 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

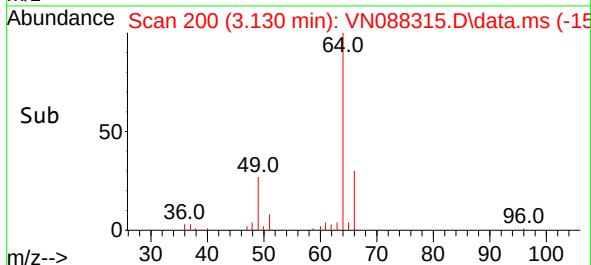
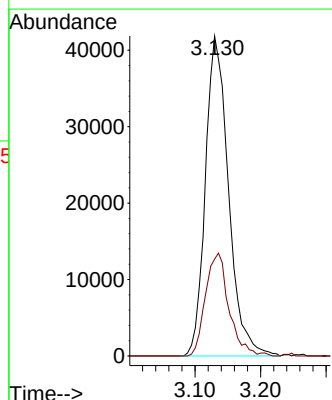
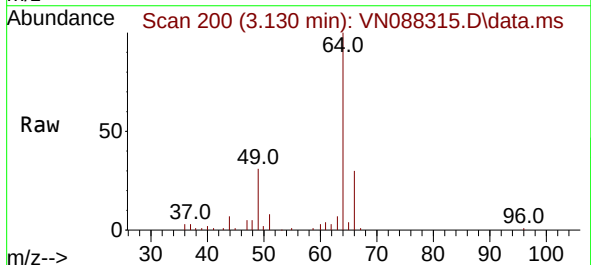
Instrument :
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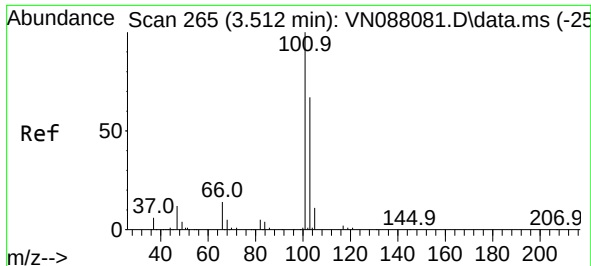
Tgt Ion: 94 Resp: 87074
Ion Ratio Lower Upper
94 100
96 99.2 75.4 113.2



#6
Chloroethane
Concen: 43.628 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 64 Resp: 102633
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.2

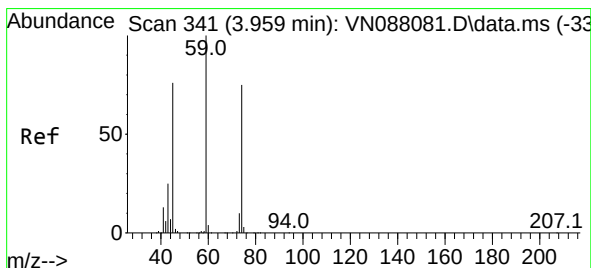
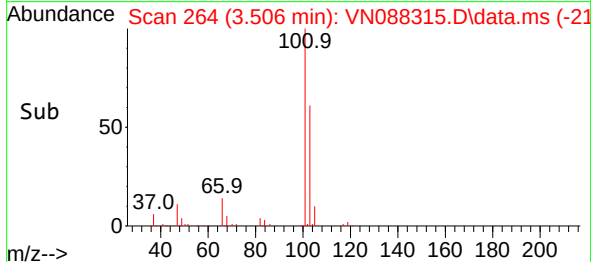
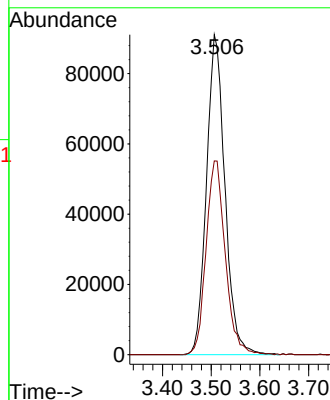
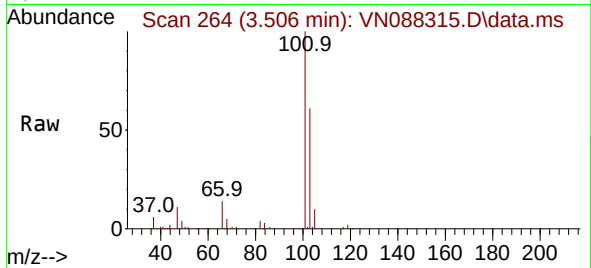




#7
 Trichlorofluoromethane
 Concen: 45.929 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN088315.D
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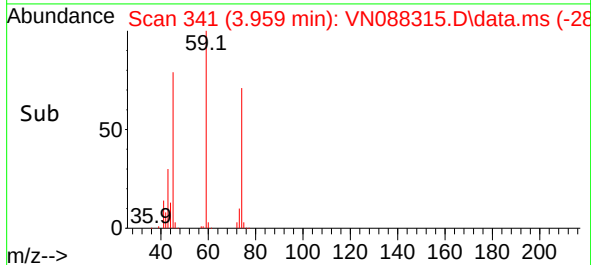
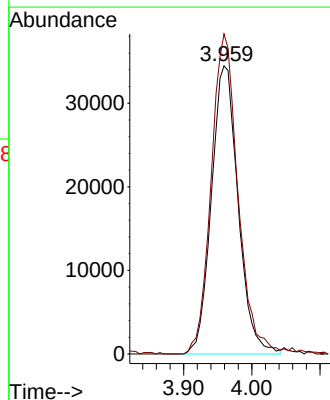
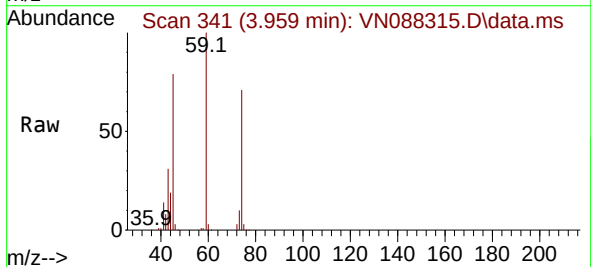
Instrument :
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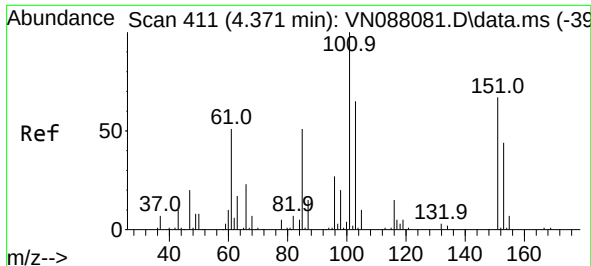
Tgt Ion:101 Resp: 239180
 Ion Ratio Lower Upper
 101 100
 103 60.5 49.4 74.0



#8
 Diethyl Ether
 Concen: 48.550 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion: 74 Resp: 93966
 Ion Ratio Lower Upper
 74 100
 45 111.3 50.6 151.9

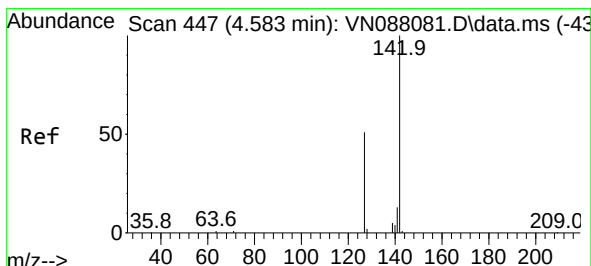
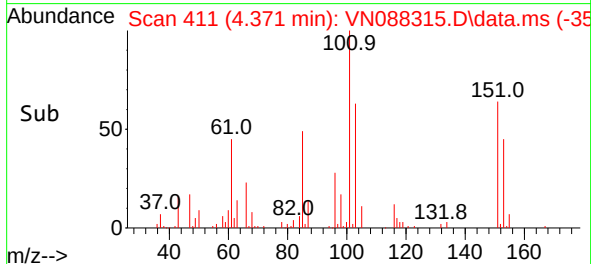
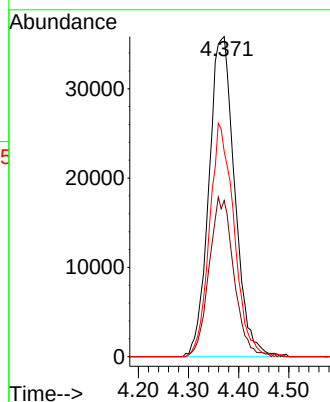
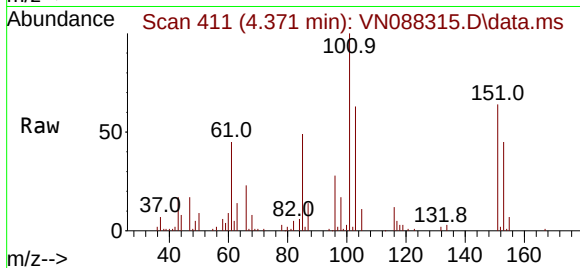




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.615 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088315.D
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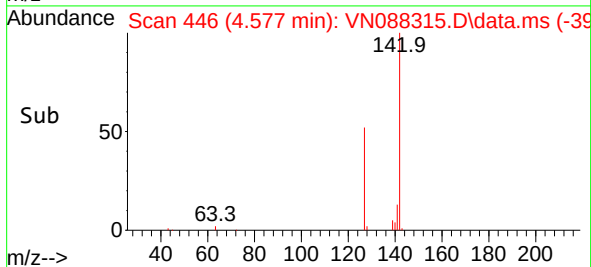
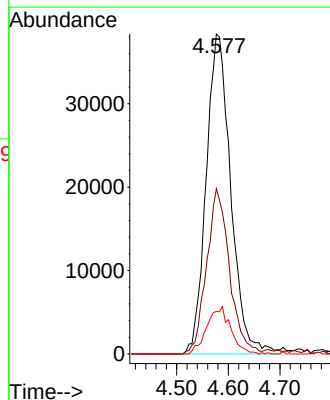
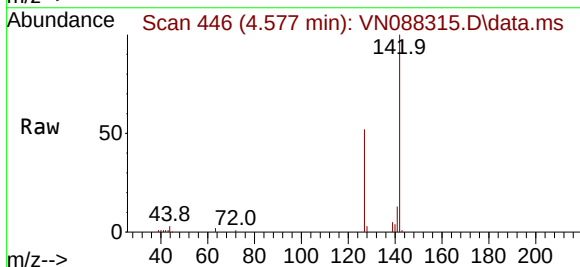
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ClientSampleId :
VSTDCCC050EC

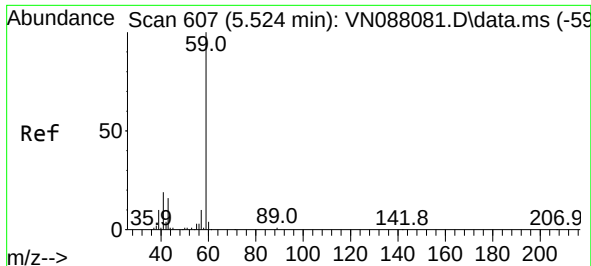
Tgt Ion:101 Resp: 127952
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 69.4 54.7 82.1



#10
Methyl Iodide
Concen: 51.639 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:142 Resp: 126817
Ion Ratio Lower Upper
142 100
127 51.6 38.0 57.0
141 13.3 12.0 18.0

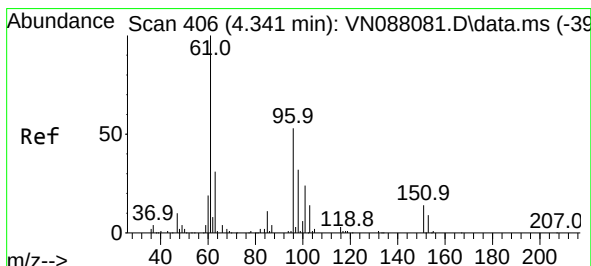
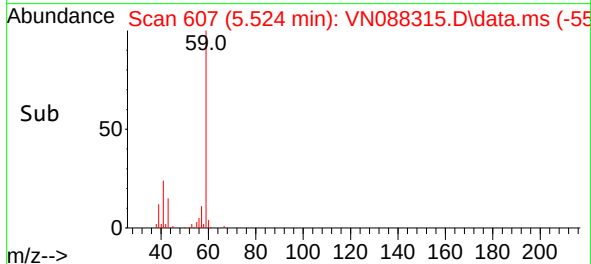
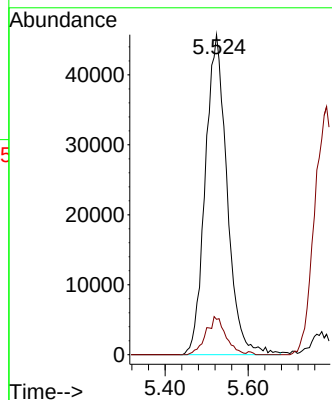
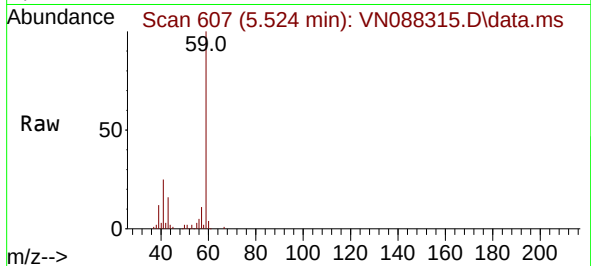




#11
Tert butyl alcohol
Concen: 247.906 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

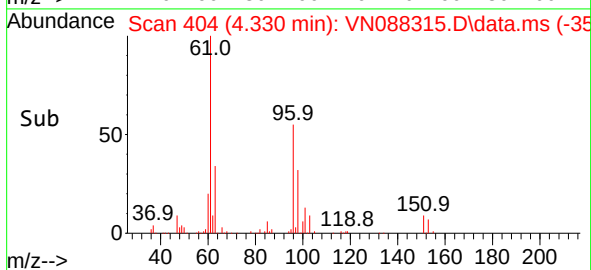
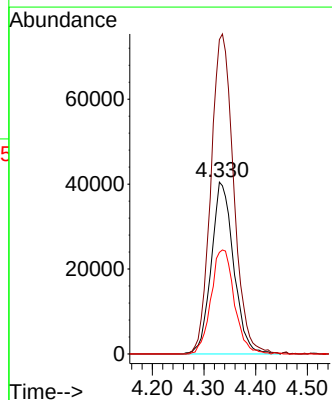
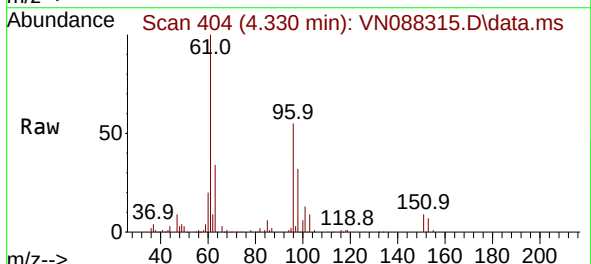
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

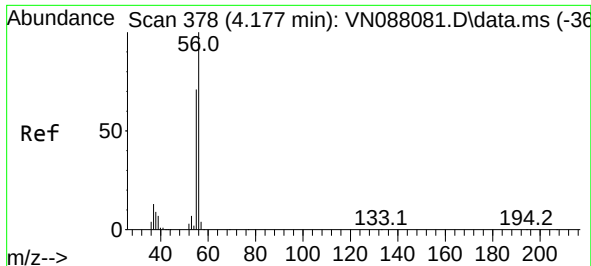
Tgt Ion: 59 Resp: 166768
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 42.856 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 96 Resp: 121635
Ion Ratio Lower Upper
96 100
61 182.9 143.8 215.8
98 59.1 52.1 78.1

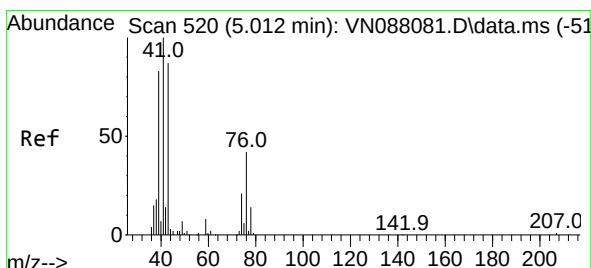
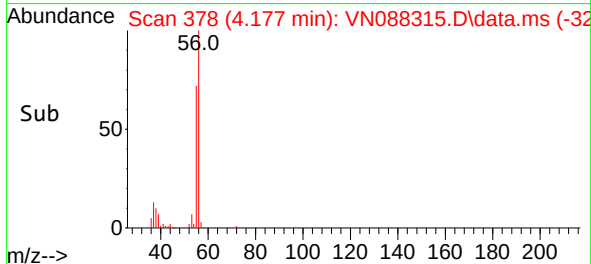
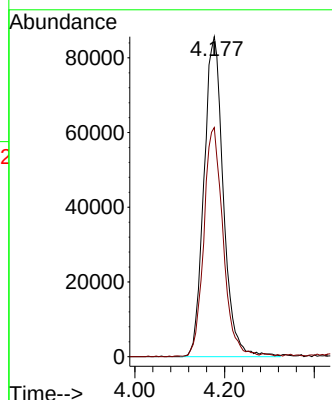
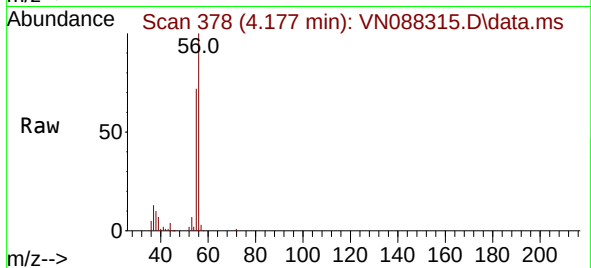




#13
Acrolein
Concen: 339.942 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

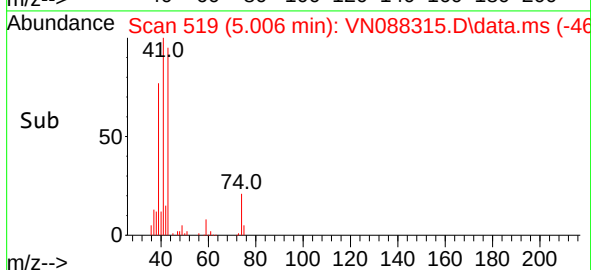
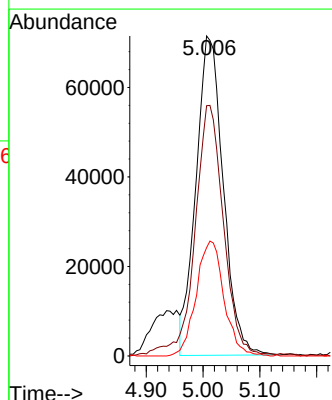
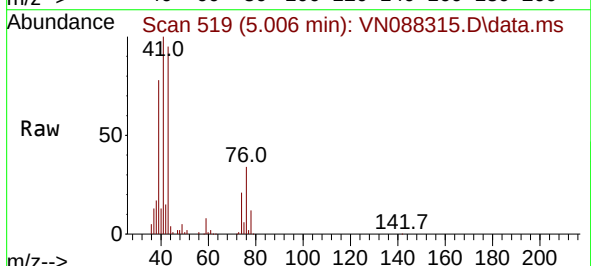
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MSVOA_N
ClientSampleId :
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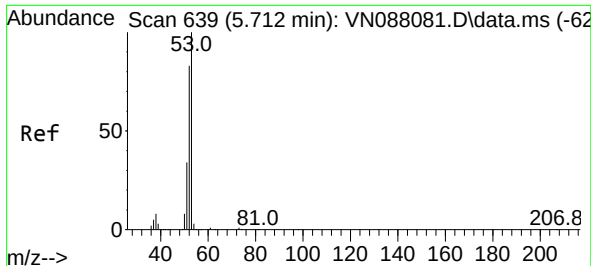
Tgt Ion: 56 Resp: 257226
Ion Ratio Lower Upper
56 100
55 70.3 57.3 85.9



#14
Allyl chloride
Concen: 47.890 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 41 Resp: 238243
Ion Ratio Lower Upper
41 100
39 82.3 63.9 95.9
76 36.7 28.1 42.1

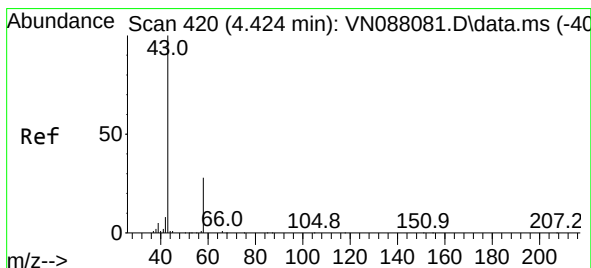
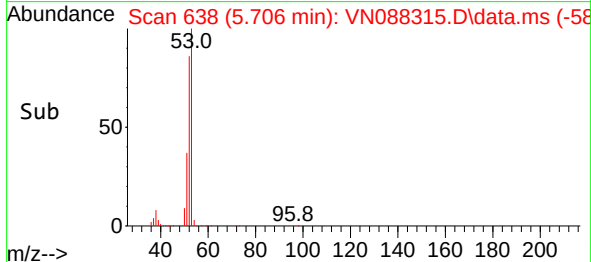
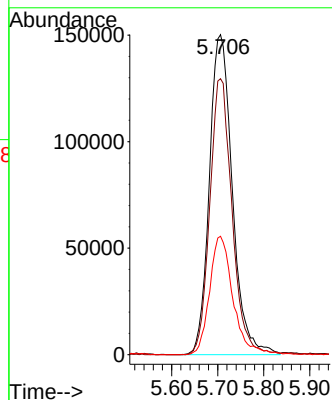
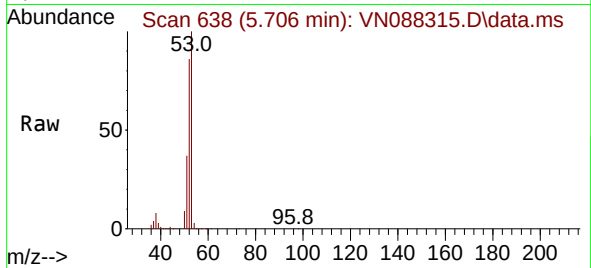




#15
Acrylonitrile
Concen: 284.391 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

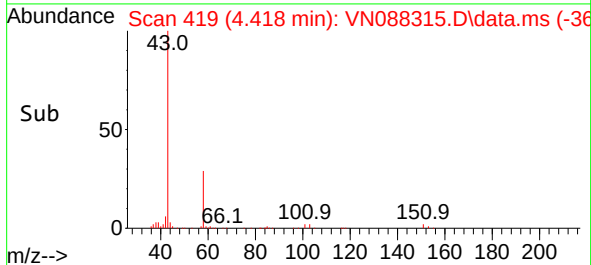
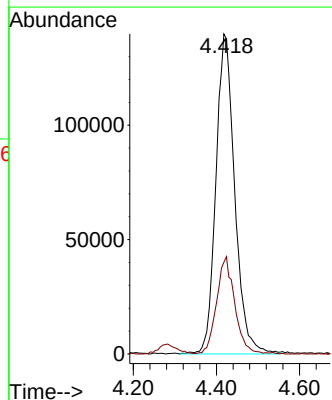
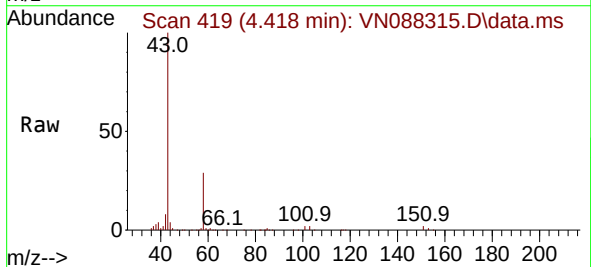
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

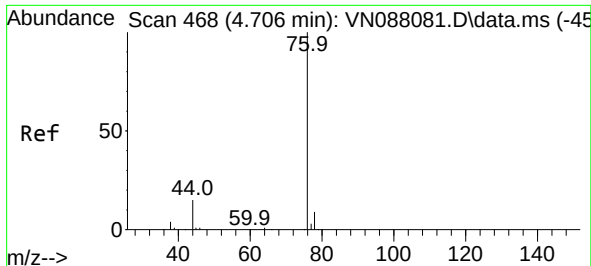
Tgt Ion: 53 Resp: 521124
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 37.6 30.1 45.1



#16
Acetone
Concen: 224.318 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 43 Resp: 440044
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

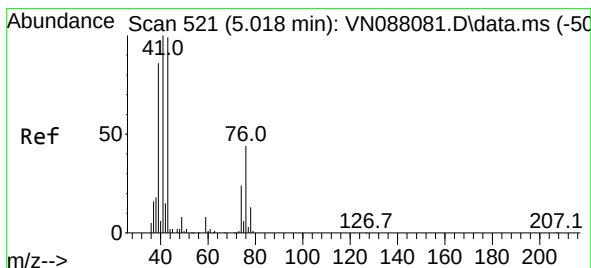
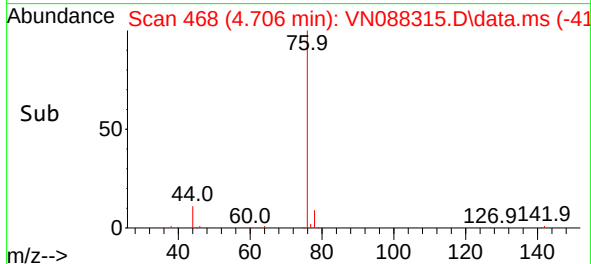
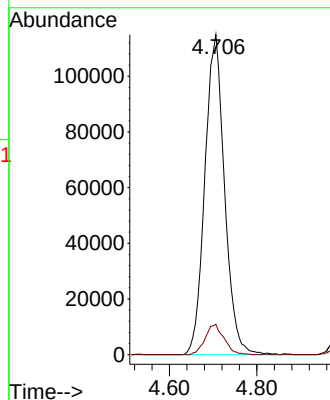
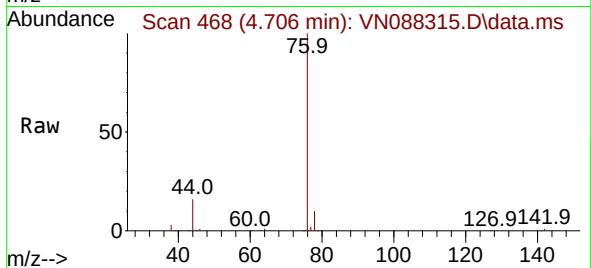




#17
Carbon Disulfide
Concen: 41.858 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

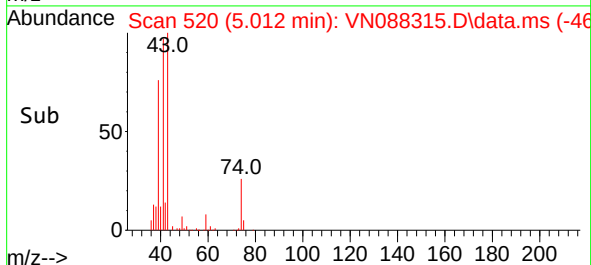
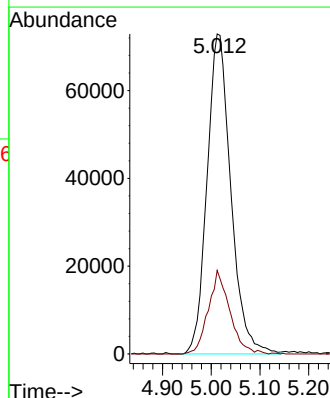
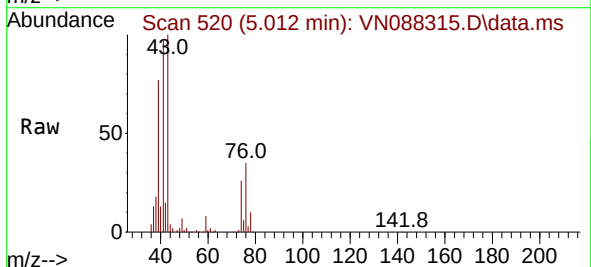
Instrument :
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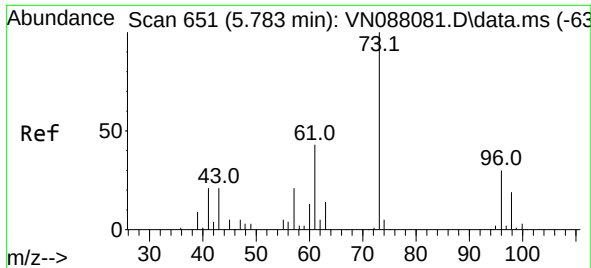
Tgt Ion: 76 Resp: 361139
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 61.677 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 43 Resp: 247700
Ion Ratio Lower Upper
43 100
74 23.5 17.6 26.4

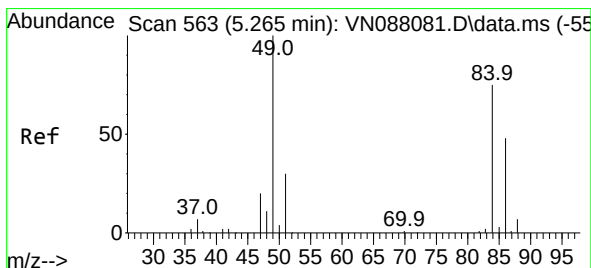
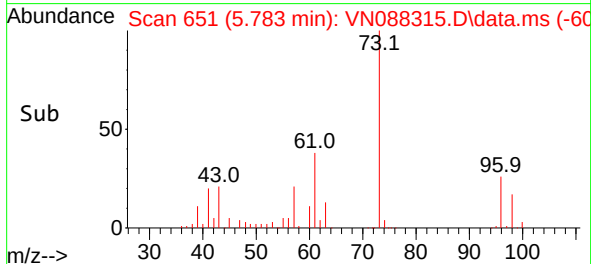
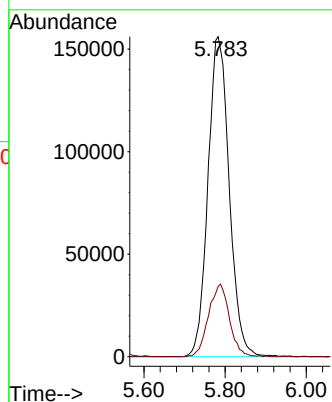
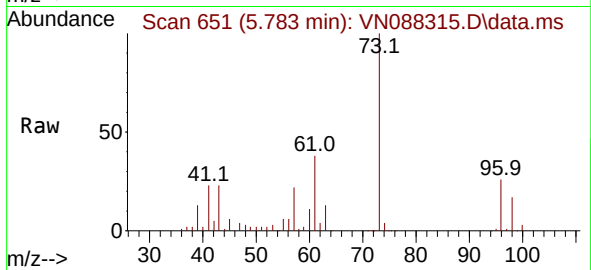




#19
Methyl tert-butyl Ether
Concen: 54.349 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

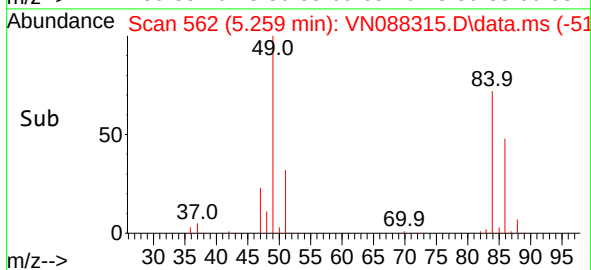
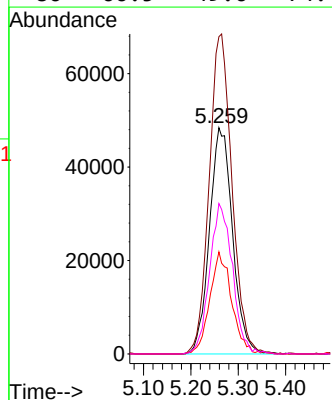
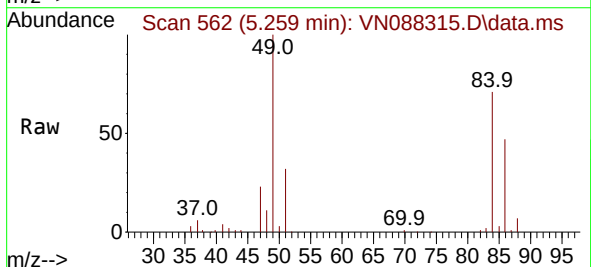
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

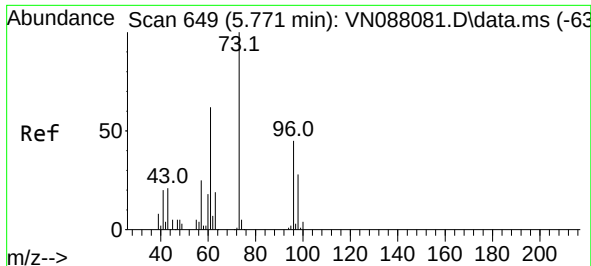
Tgt Ion: 73 Resp: 566488
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 49.836 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 84 Resp: 164110
Ion Ratio Lower Upper
84 100
49 140.2 103.4 155.2
51 45.1 33.8 50.8
86 66.5 49.6 74.4

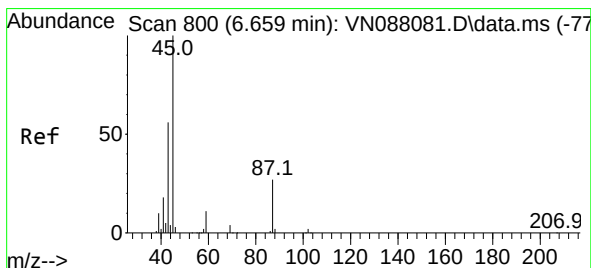
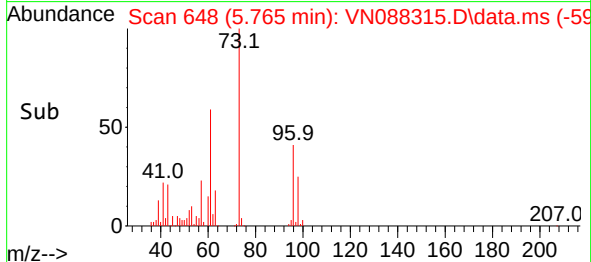
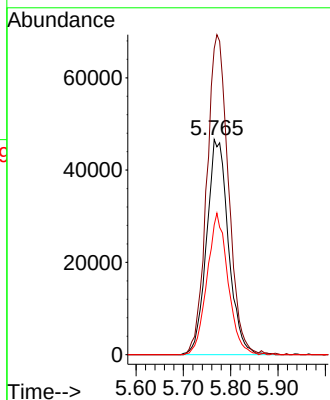
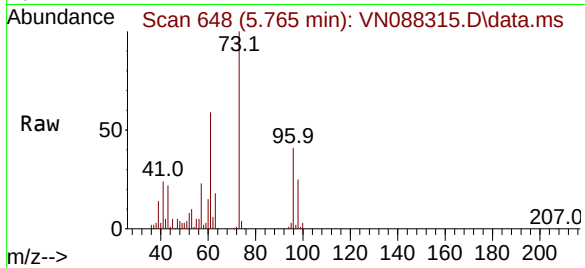




#21
trans-1,2-Dichloroethene
Concen: 47.975 ug/l
RT: 5.765 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

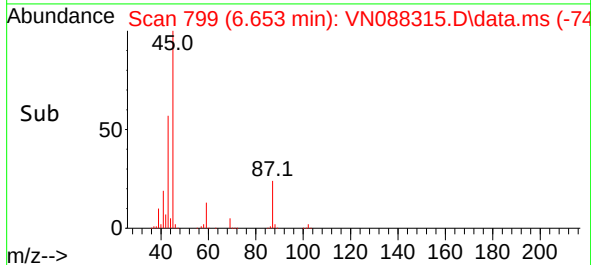
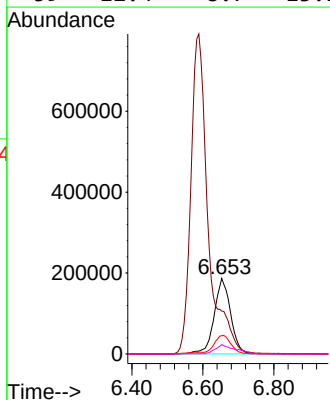
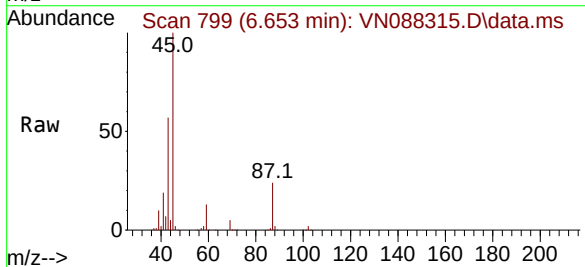
Instrument :
MSVOA_N
ClientSampleId :
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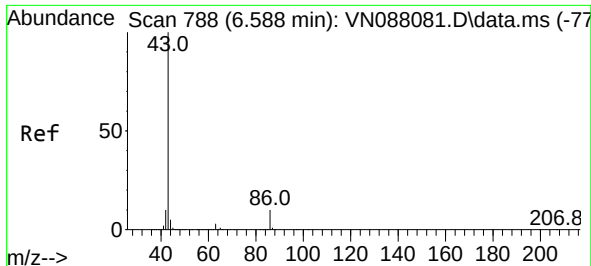
Tgt Ion: 96 Resp: 149458
Ion Ratio Lower Upper
96 100
61 142.3 118.0 177.0
98 60.3 50.0 75.0



#22
Diisopropyl ether
Concen: 57.139 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 45 Resp: 597791
Ion Ratio Lower Upper
45 100
43 56.2 47.7 71.5
87 24.3 21.4 32.0
59 12.4 8.7 13.1

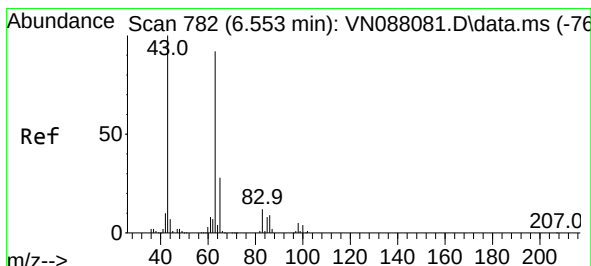
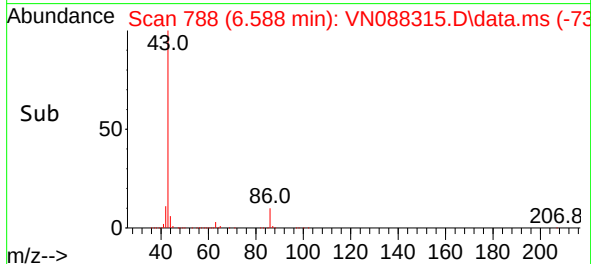
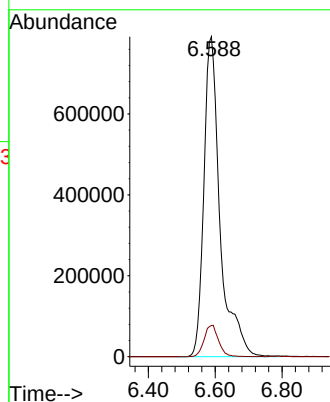
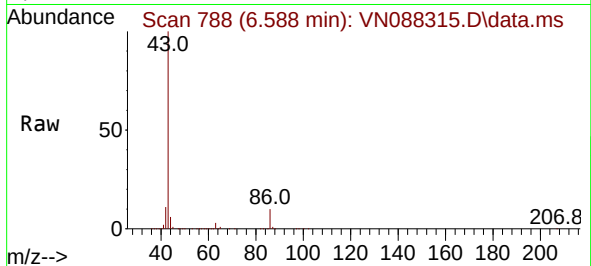




#23
 Vinyl Acetate
 Concen: 282.478 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

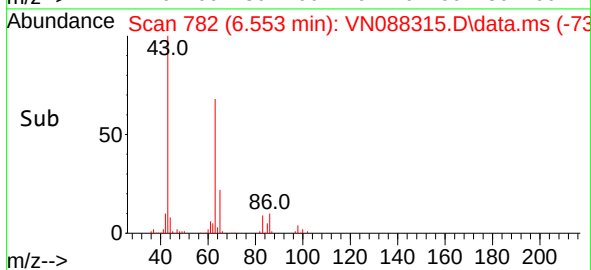
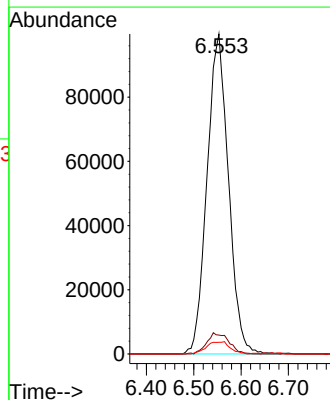
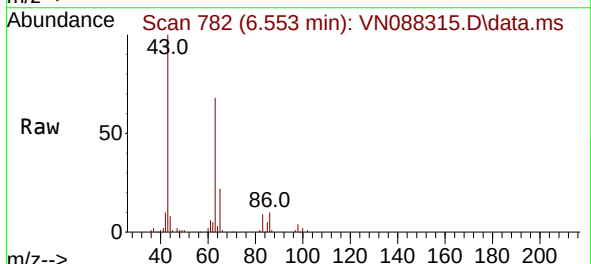
Instrument :
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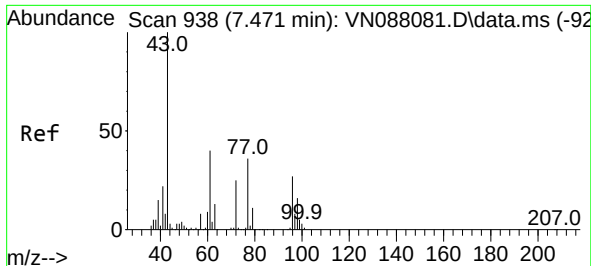
Tgt Ion: 43 Resp: 2662099
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 54.110 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion: 63 Resp: 313584
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 3.7 2.0 6.0

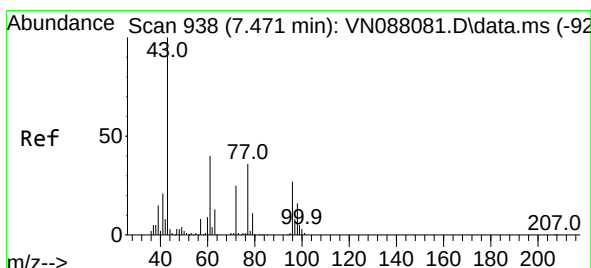
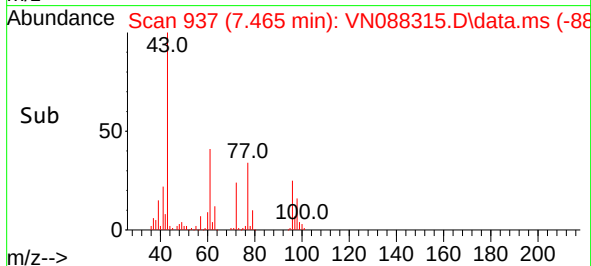
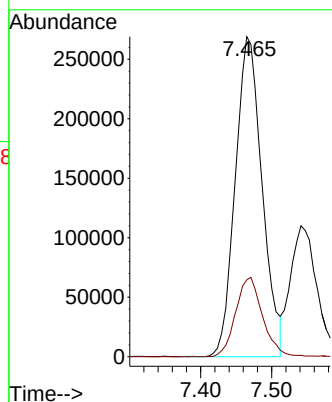
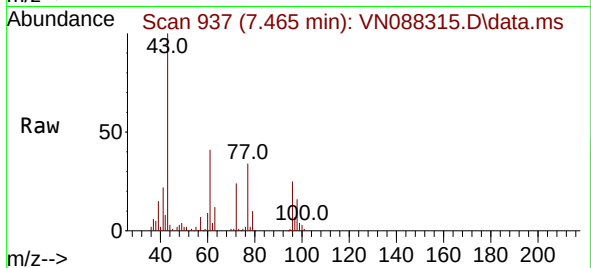




#25
2-Butanone
Concen: 273.626 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

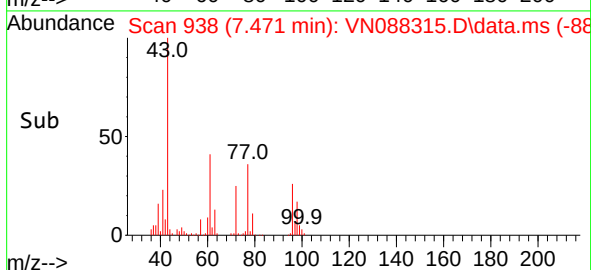
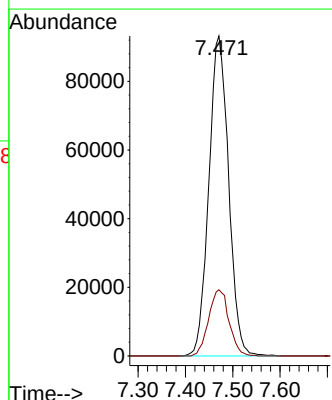
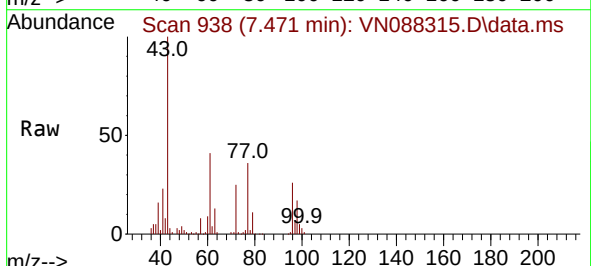
Instrument :
MSVOA_N
ClientSampleId :
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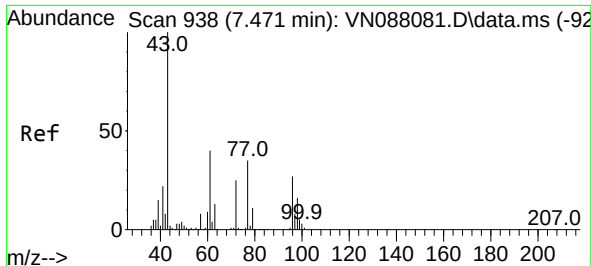
Tgt Ion: 43 Resp: 707384
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 51.308 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 77 Resp: 270216
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7

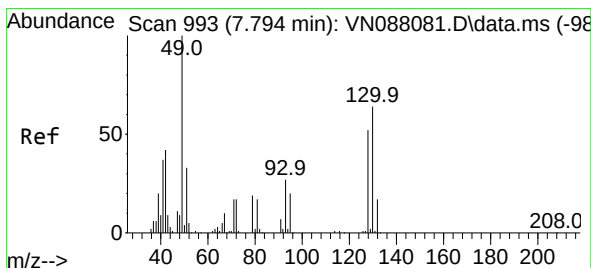
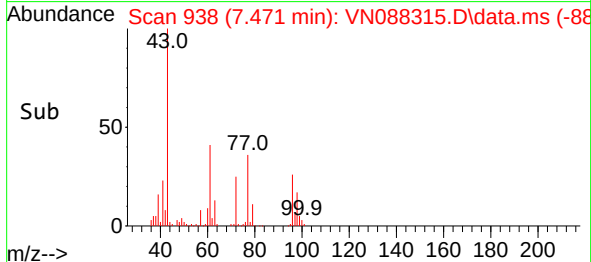
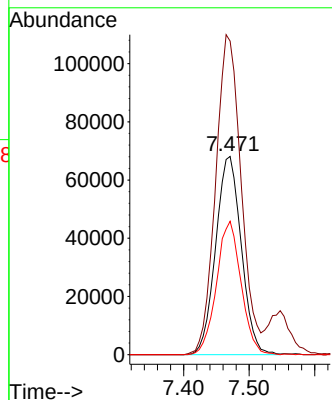
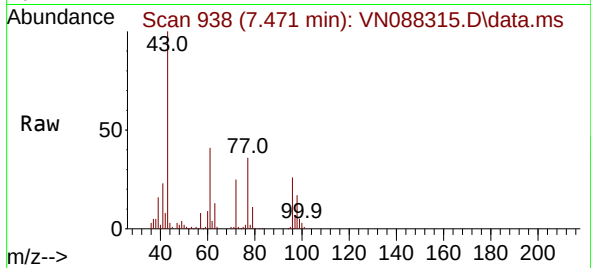




#27
 cis-1,2-Dichloroethene
 Concen: 51.491 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

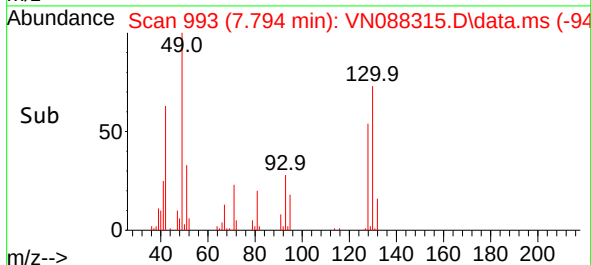
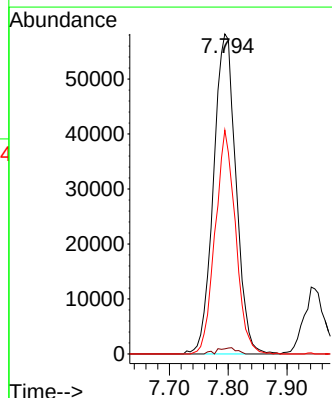
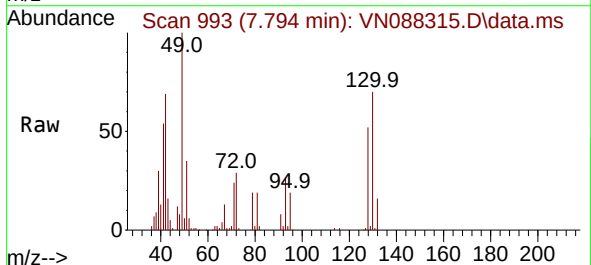
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

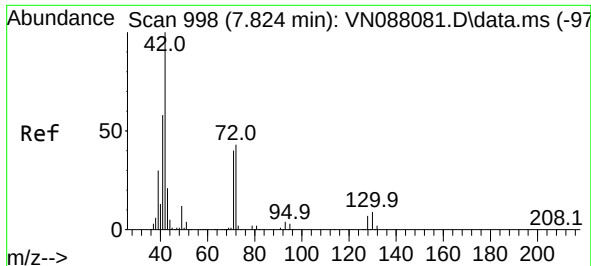
Tgt Ion: 96 Resp: 184669
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 301.8
 98 64.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 56.460 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion: 49 Resp: 154605
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 63.6 53.1 79.7

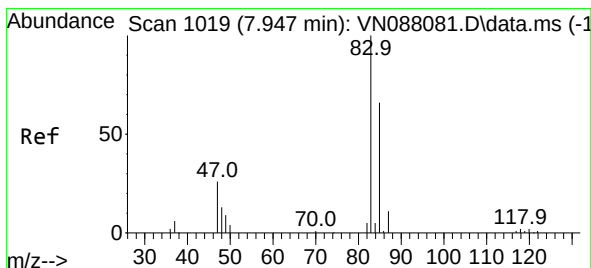
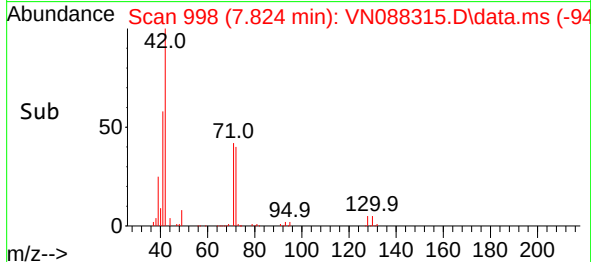
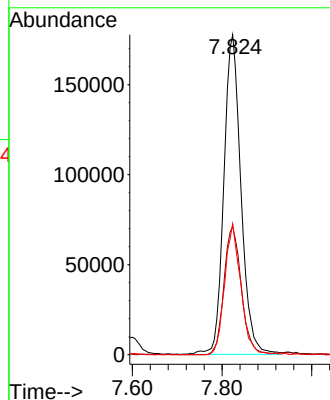
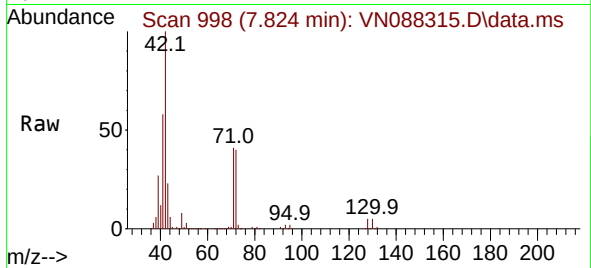




#29
Tetrahydrofuran
Concen: 280.435 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

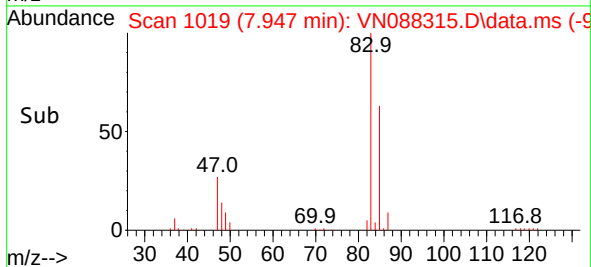
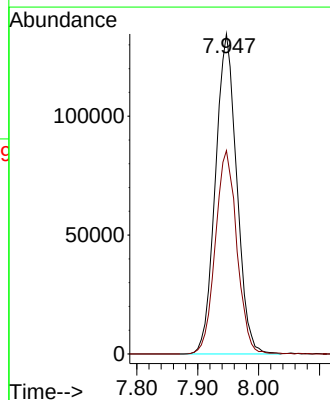
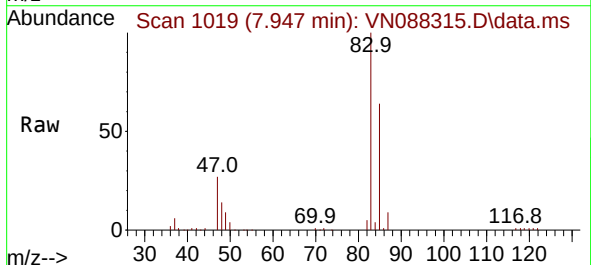
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

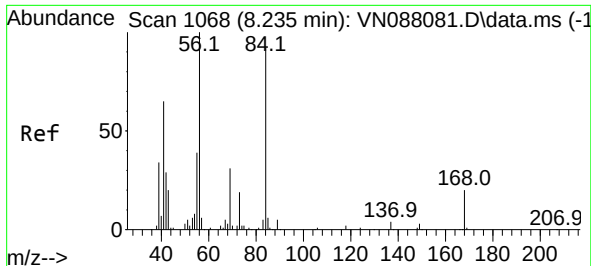
Tgt Ion: 42 Resp: 472477
Ion Ratio Lower Upper
42 100
72 40.6 33.7 50.5
71 38.6 31.9 47.9



#30
Chloroform
Concen: 56.488 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 83 Resp: 327047
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1

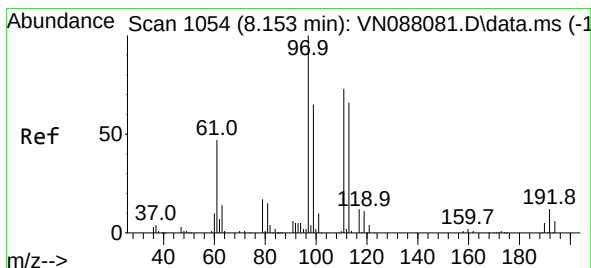
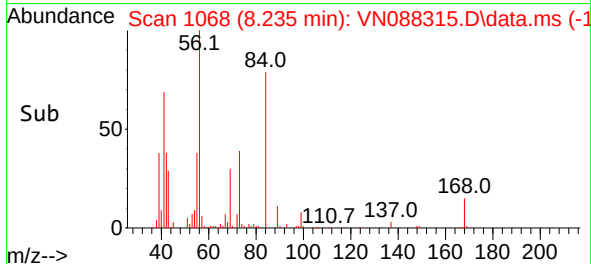
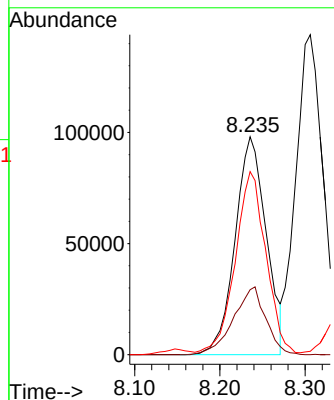
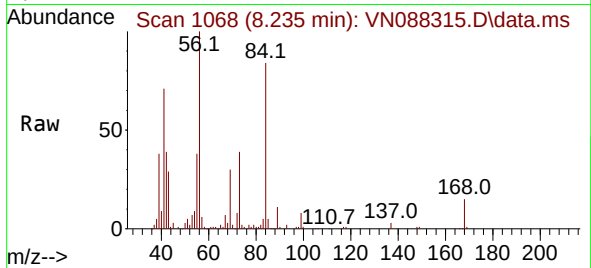




#31
Cyclohexane
Concen: 45.547 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

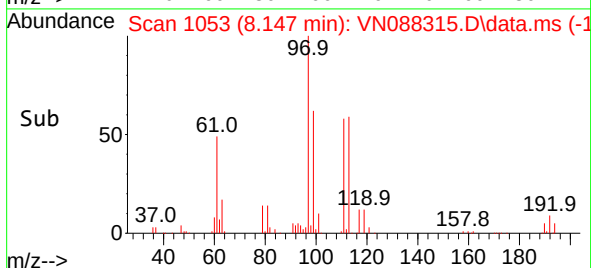
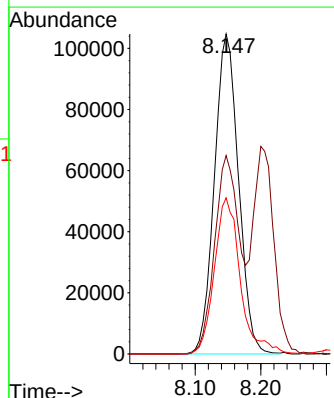
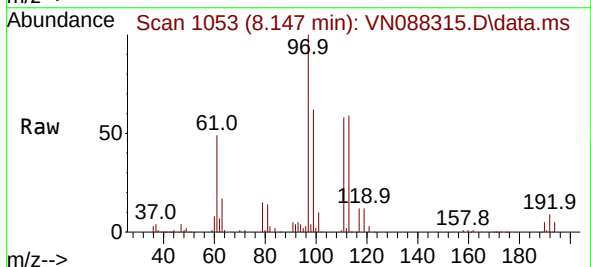
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

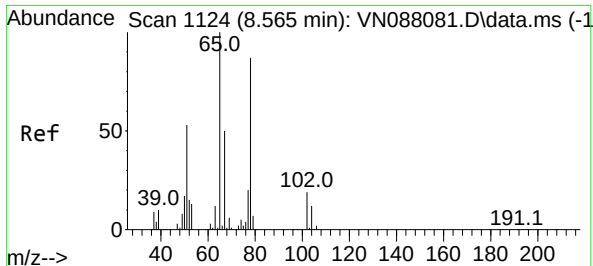
Tgt Ion: 56 Resp: 248952
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 81.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 51.794 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 97 Resp: 267077
Ion Ratio Lower Upper
97 100
99 62.9 52.2 78.2
61 52.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 54.602 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

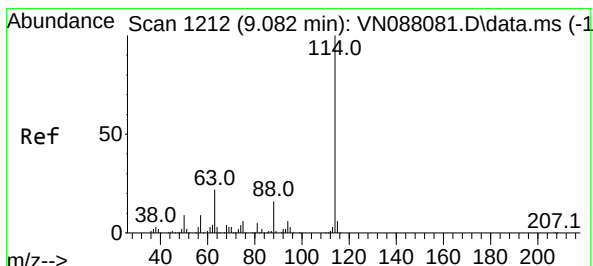
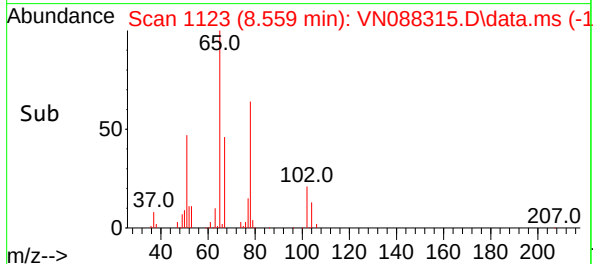
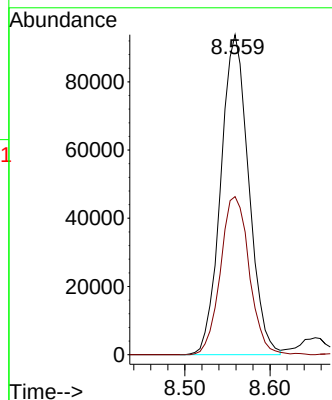
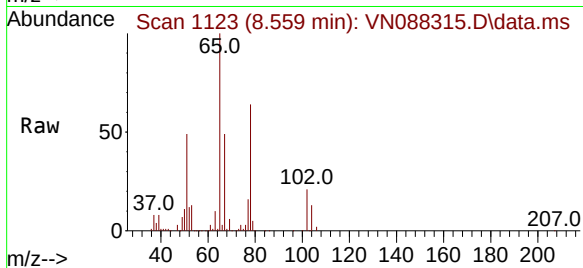
VSTDCCC050EC

Tgt Ion: 65 Resp: 213207

Ion Ratio Lower Upper

65 100

67 51.0 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: VN088315.D

Acq: 18 Nov 2025 15:14

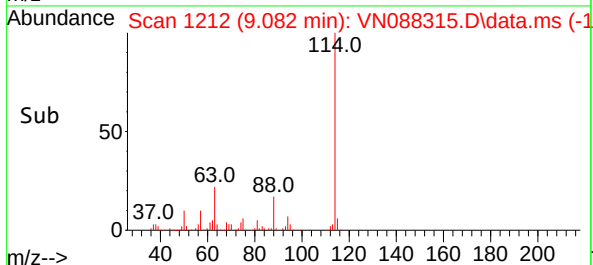
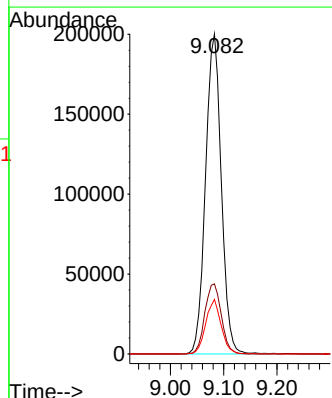
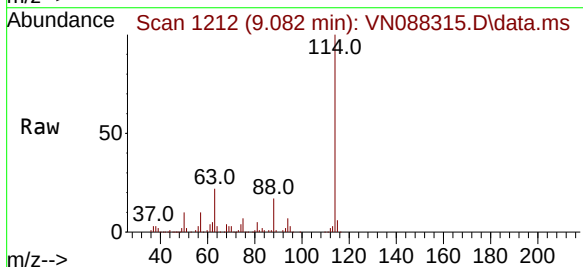
Tgt Ion: 114 Resp: 410938

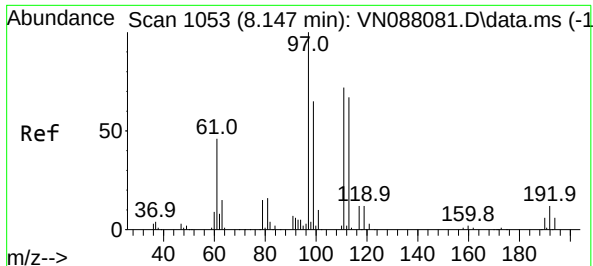
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.046 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

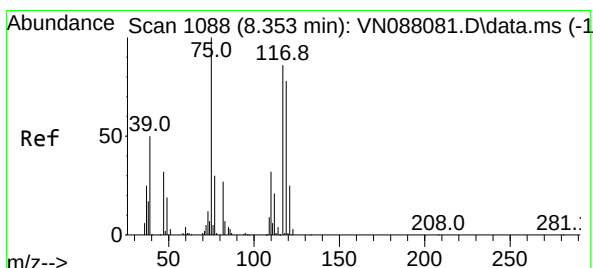
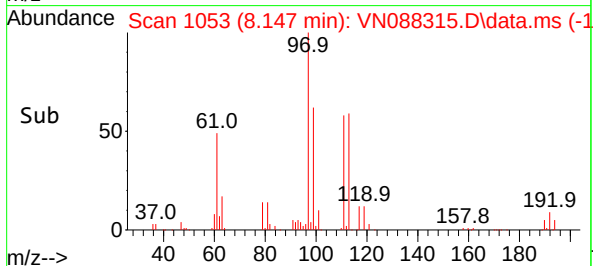
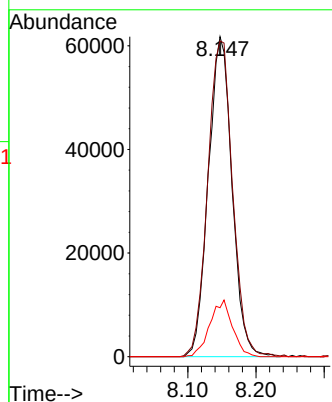
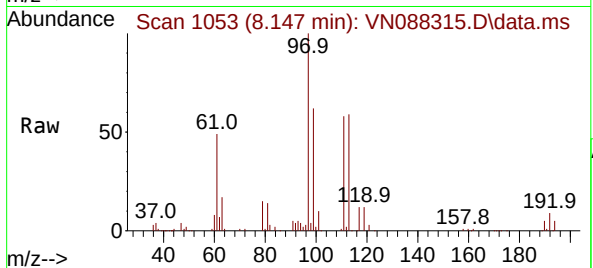
Tgt Ion:113 Resp: 149204

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 17.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 51.491 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

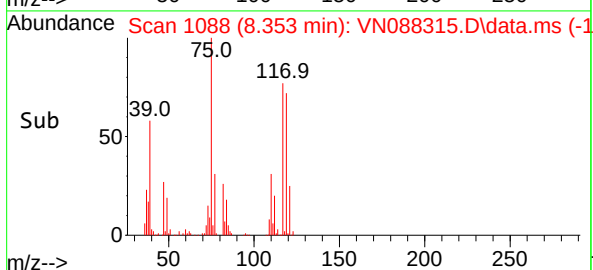
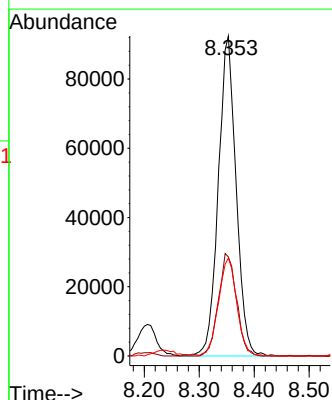
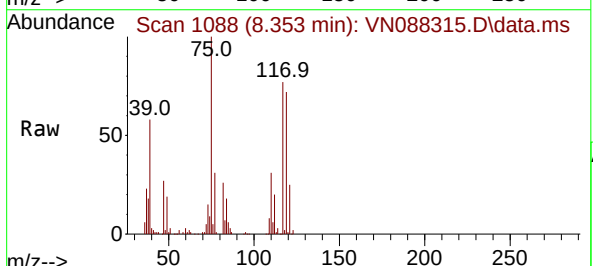
Tgt Ion: 75 Resp: 207557

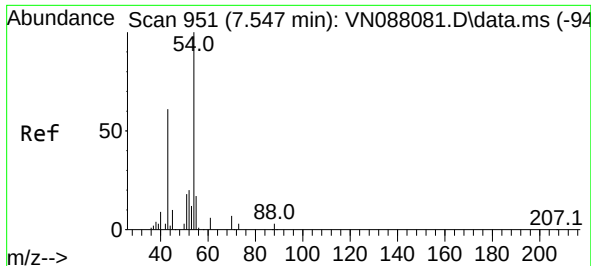
Ion Ratio Lower Upper

75 100

110 32.6 15.9 47.6

77 31.5 24.4 36.6

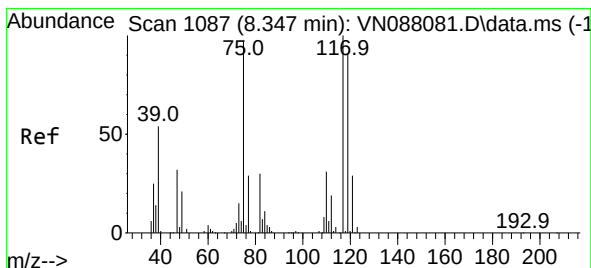
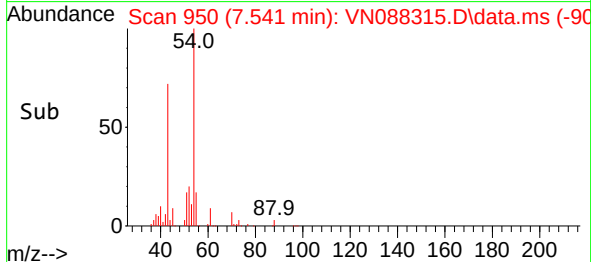
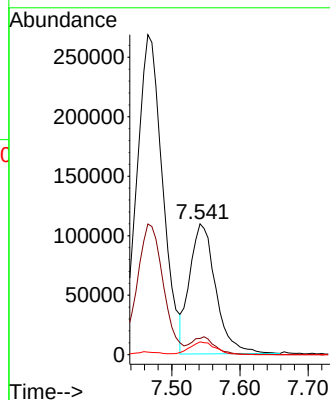
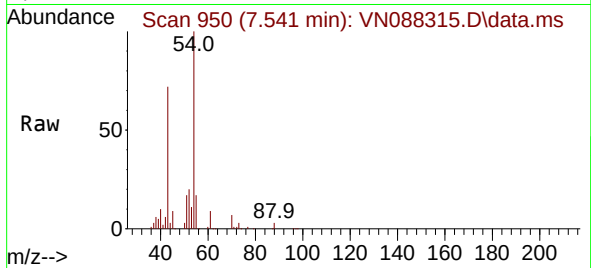




#37
Ethyl Acetate
Concen: 55.688 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

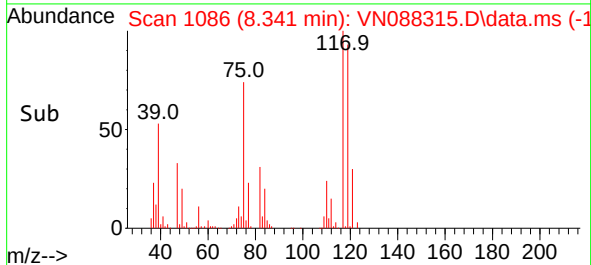
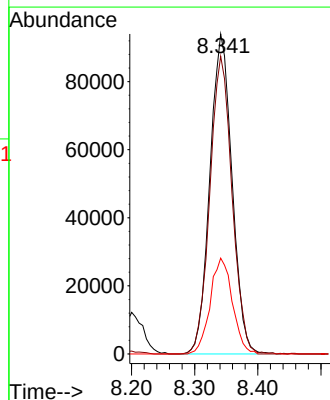
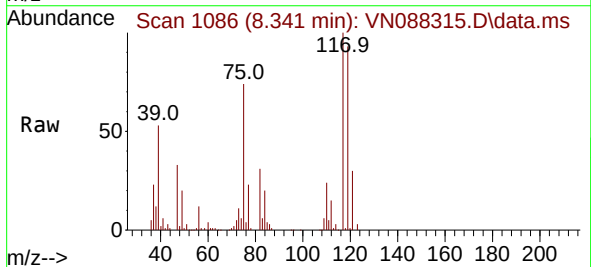
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

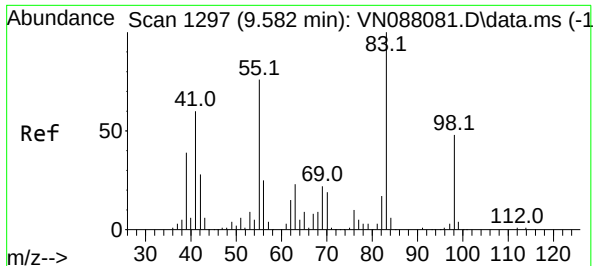
Tgt Ion: 43 Resp: 289681
Ion Ratio Lower Upper
43 100
61 12.0 9.3 13.9
70 9.8 7.0 10.6



#38
Carbon Tetrachloride
Concen: 54.899 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 117 Resp: 228561
Ion Ratio Lower Upper
117 100
119 93.1 79.0 118.6
121 30.0 25.0 37.6





#39

Methylcyclohexane

Concen: 42.683 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

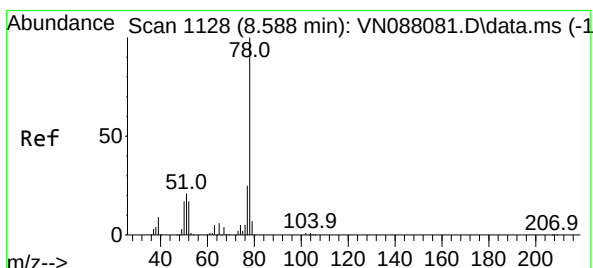
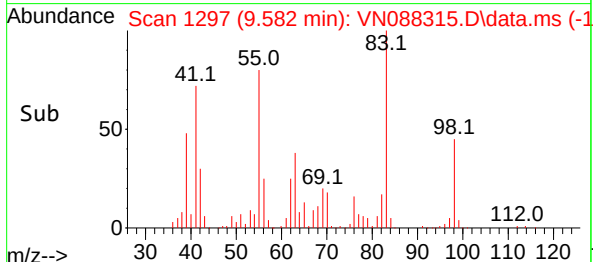
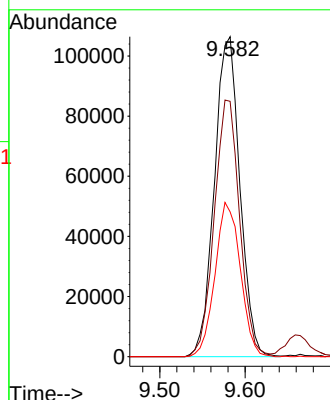
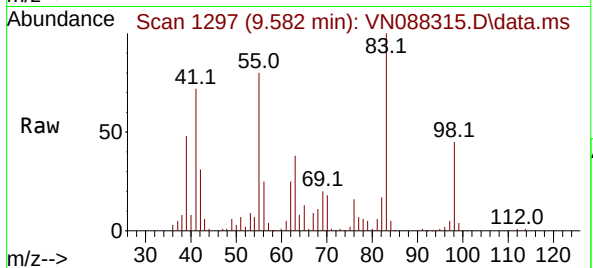
Tgt Ion: 83 Resp: 221153

Ion Ratio Lower Upper

83 100

55 79.8 64.6 96.8

98 45.3 38.4 57.6



#40

Benzene

Concen: 53.707 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088315.D

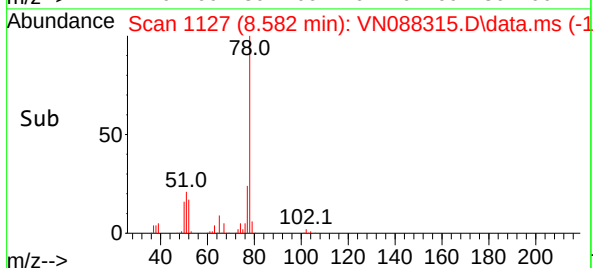
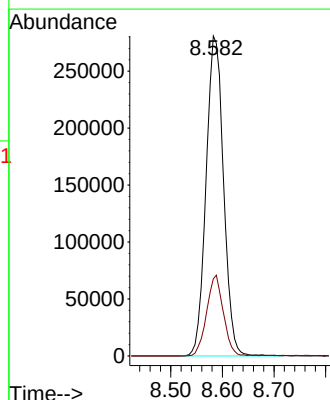
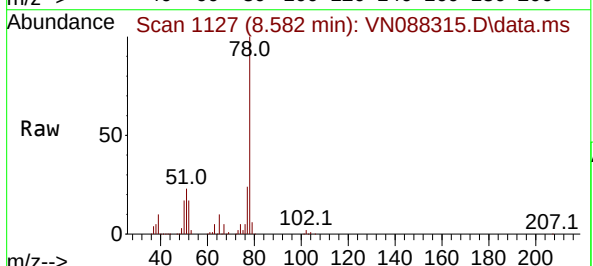
Acq: 18 Nov 2025 15:14

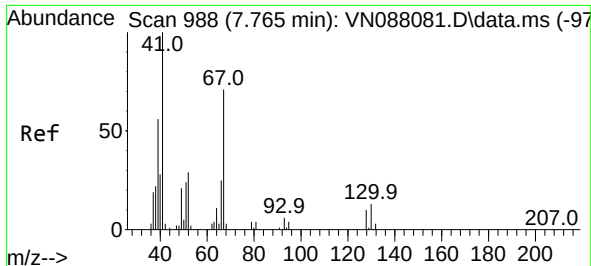
Tgt Ion: 78 Resp: 659314

Ion Ratio Lower Upper

78 100

77 24.1 19.7 29.5



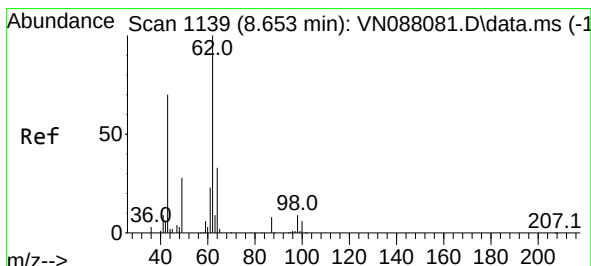
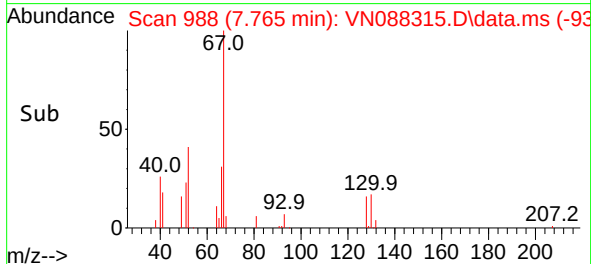
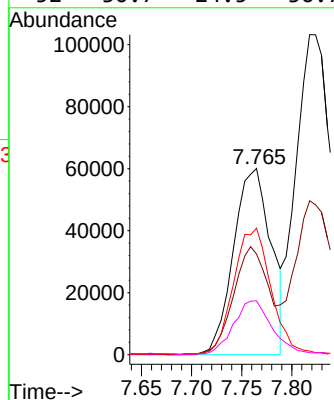
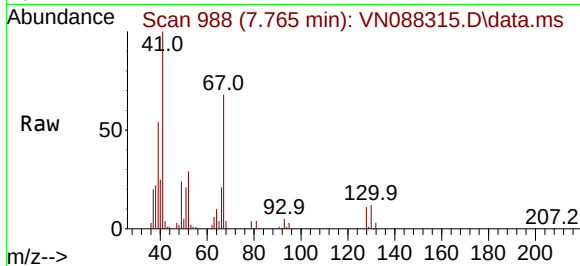


#41
Methacrylonitrile
Concen: 57.202 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 156609

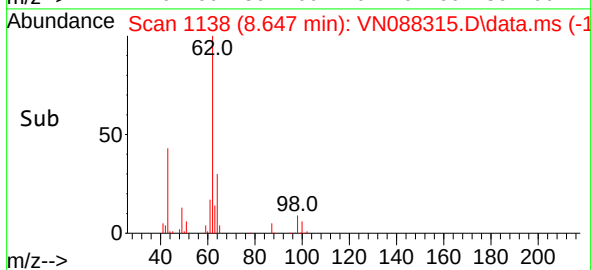
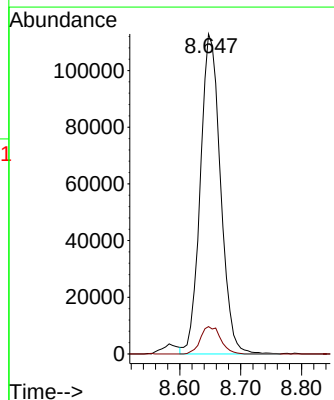
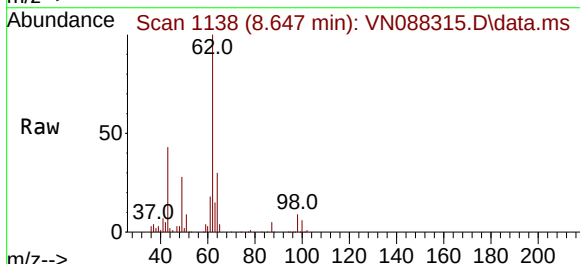
Ion	Ratio	Lower	Upper
41	100		
39	52.7	45.4	68.0
67	68.7	55.3	82.9
52	30.7	24.5	36.7

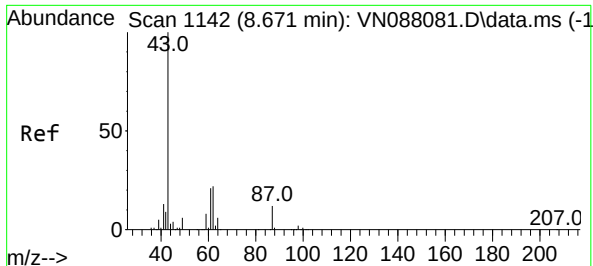


#42
1,2-Dichloroethane
Concen: 59.591 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 62 Resp: 259929

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4

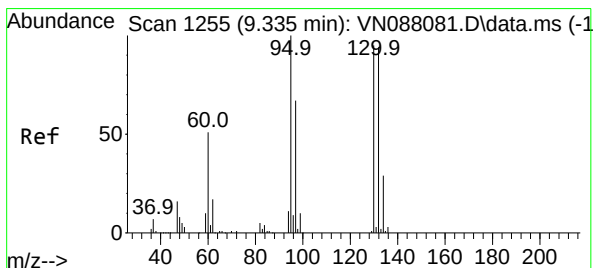
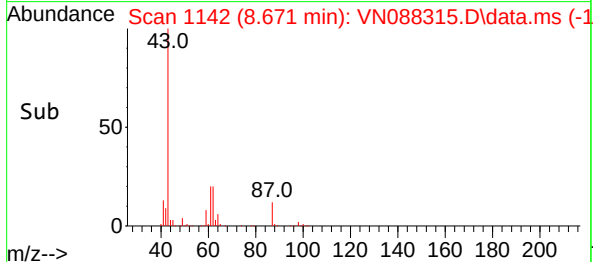
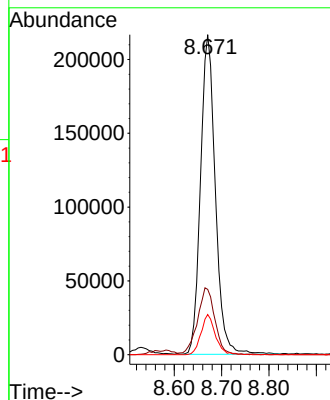
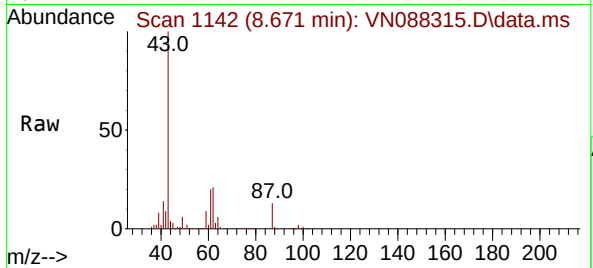




#43
Isopropyl Acetate
Concen: 58.979 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

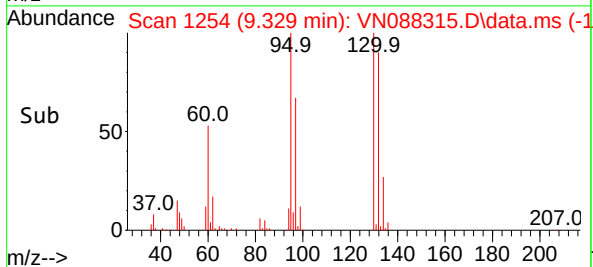
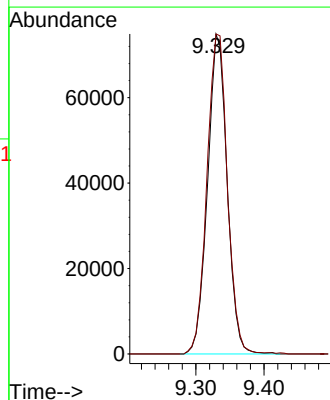
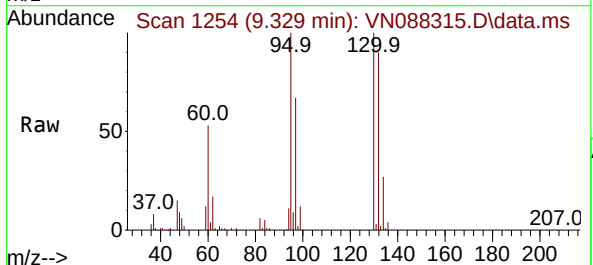
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

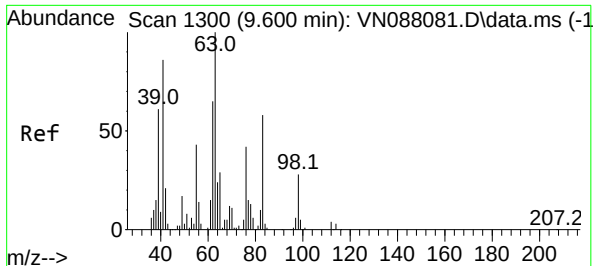
Tgt Ion: 43 Resp: 471432
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 52.117 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:130 Resp: 149544
Ion Ratio Lower Upper
130 100
95 100.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 57.695 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

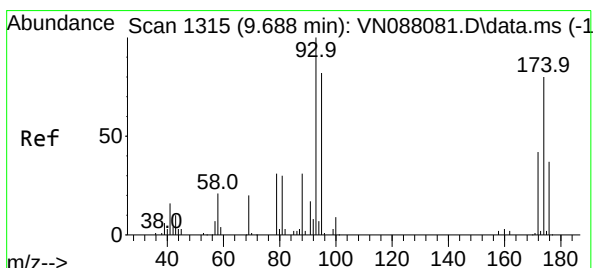
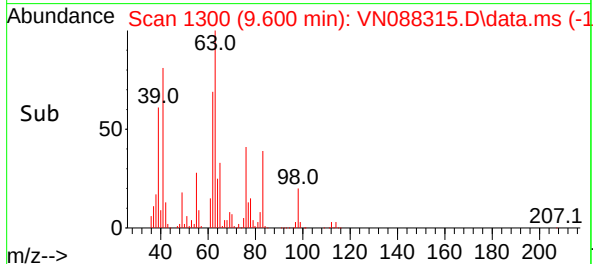
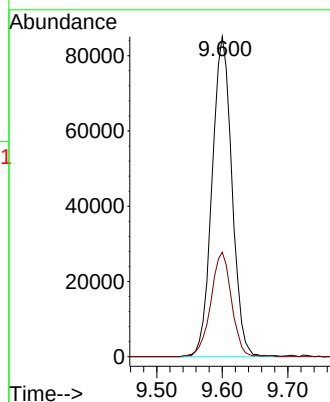
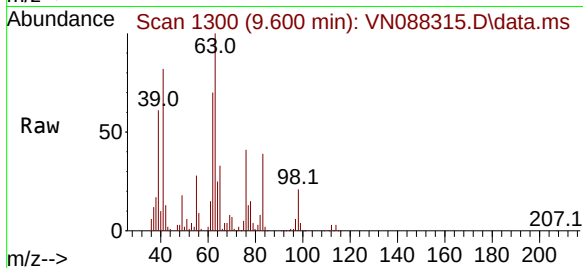
VSTDCCC050EC

Tgt Ion: 63 Resp: 178810

Ion Ratio Lower Upper

63 100

65 32.6 25.0 37.4



#46

Dibromomethane

Concen: 58.801 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

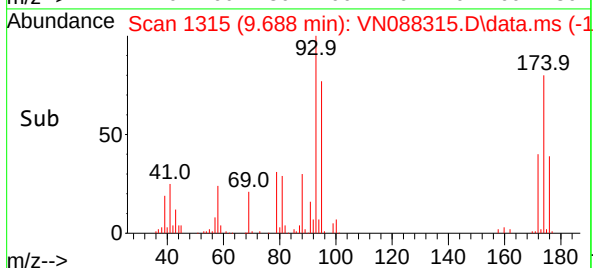
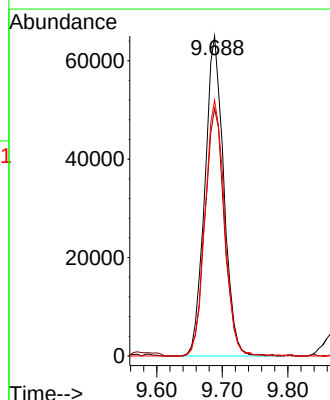
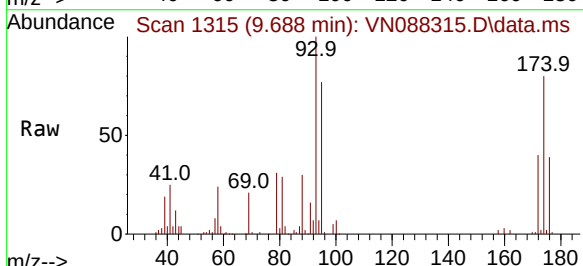
Tgt Ion: 93 Resp: 129972

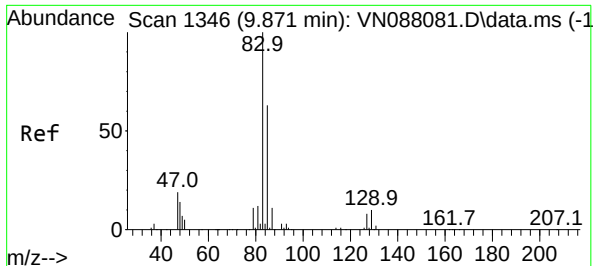
Ion Ratio Lower Upper

93 100

95 79.9 66.2 99.4

174 82.2 63.4 95.2

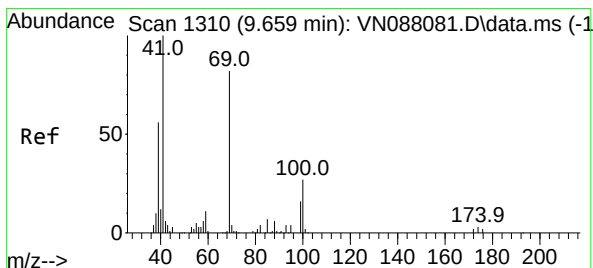
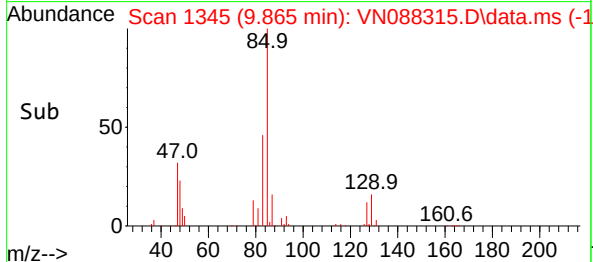
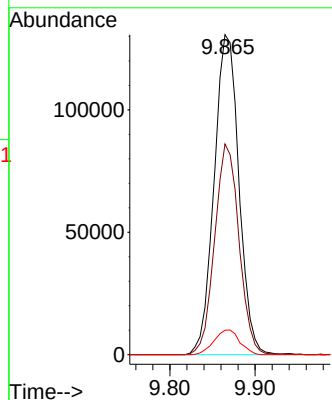
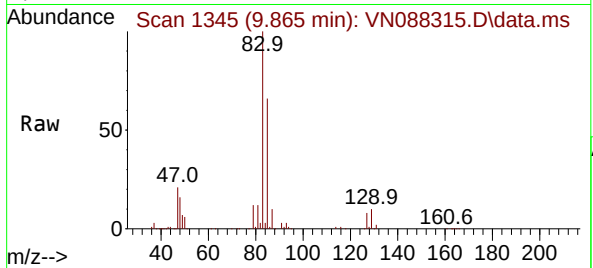




#47
Bromodichloromethane
Concen: 59.615 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

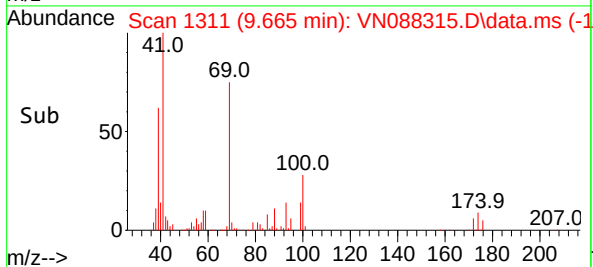
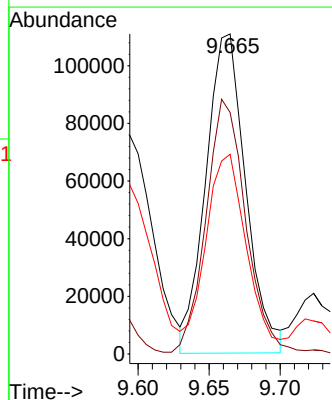
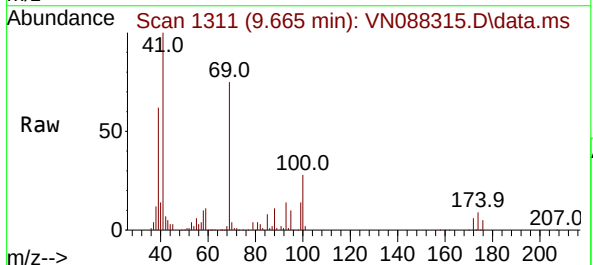
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

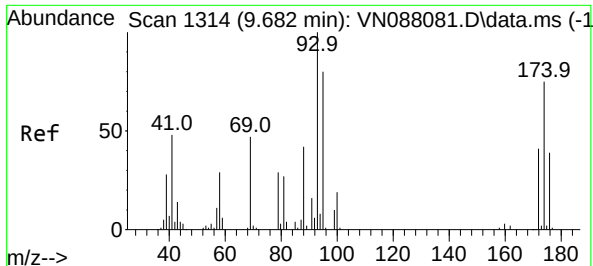
Tgt Ion: 83 Resp: 263822
Ion Ratio Lower Upper
83 100
85 65.8 52.5 78.7
127 7.6 5.8 8.6



#48
Methyl methacrylate
Concen: 58.578 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 41 Resp: 216172
Ion Ratio Lower Upper
41 100
69 79.6 62.7 94.1
39 64.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1180.415 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

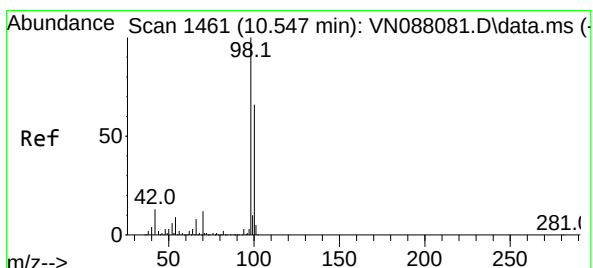
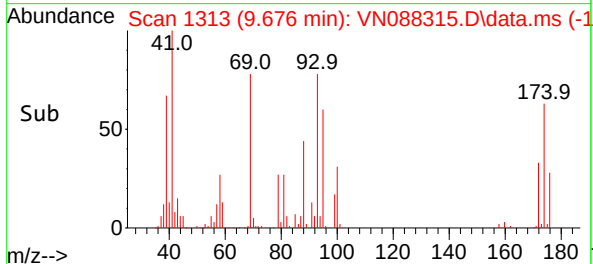
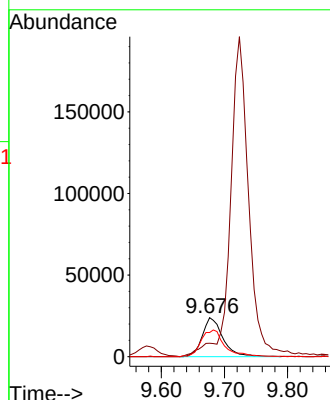
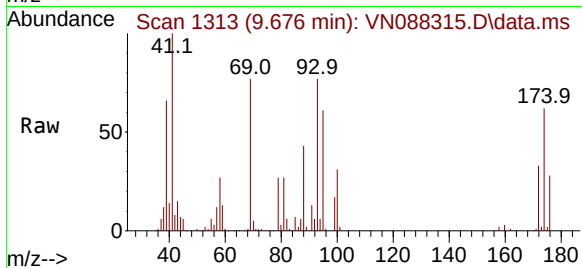
Tgt Ion: 88 Resp: 54179

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.3 57.9 86.9



#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088315.D

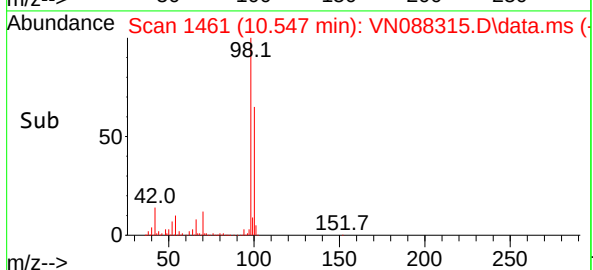
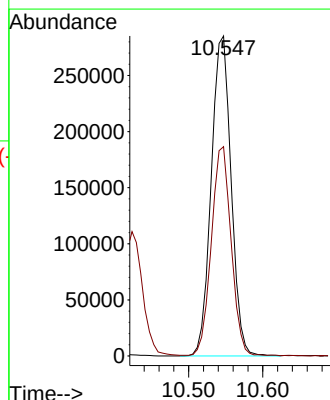
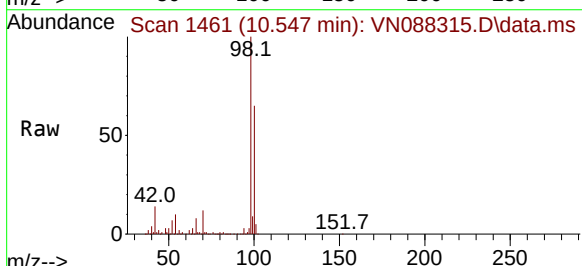
Acq: 18 Nov 2025 15:14

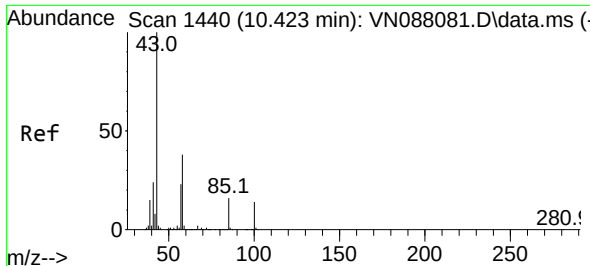
Tgt Ion: 98 Resp: 531601

Ion Ratio Lower Upper

98 100

100 65.0 52.8 79.2

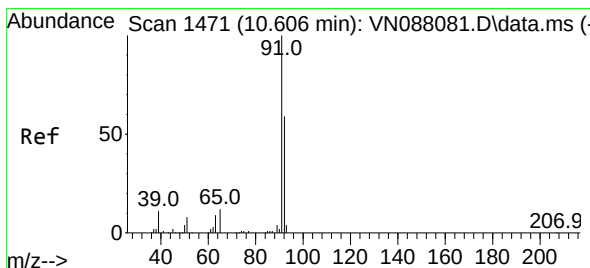
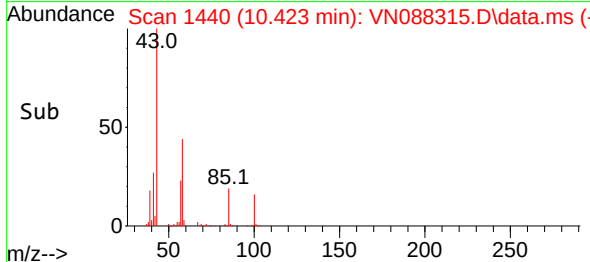
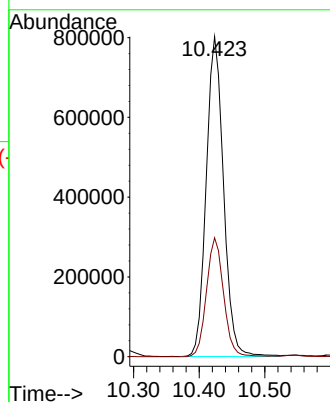
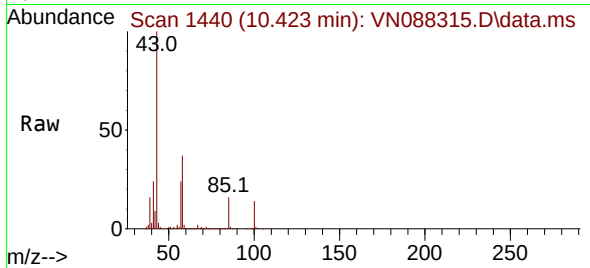




#51
4-Methyl-2-Pentanone
Concen: 311.779 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

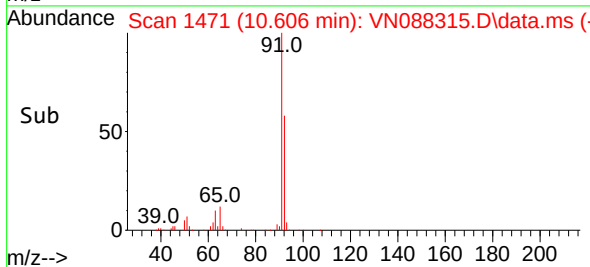
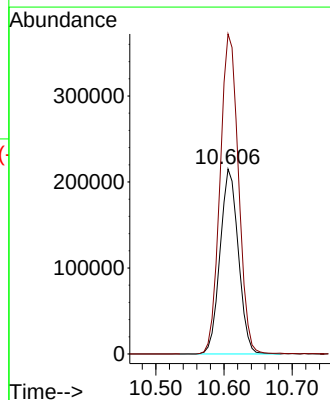
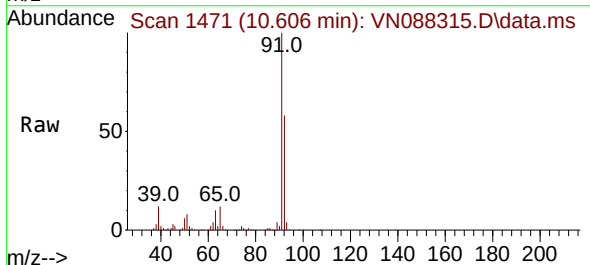
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

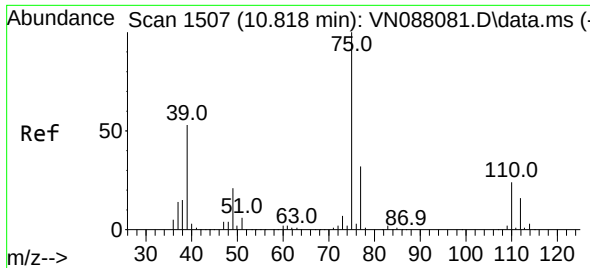
Tgt Ion: 43 Resp: 1474311
Ion Ratio Lower Upper
43 100
58 36.6 29.6 44.4



#52
Toluene
Concen: 52.945 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 92 Resp: 400727
Ion Ratio Lower Upper
92 100
91 175.2 140.4 210.6

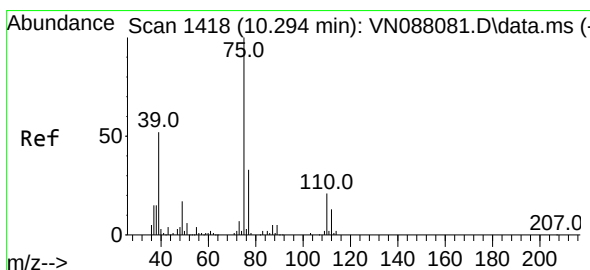
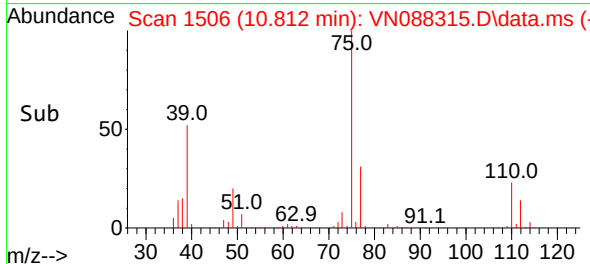
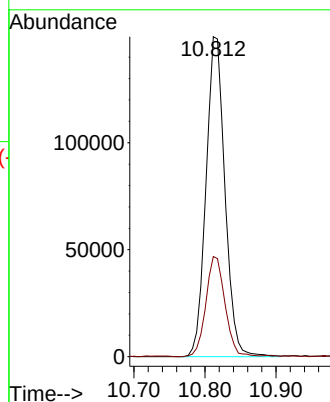
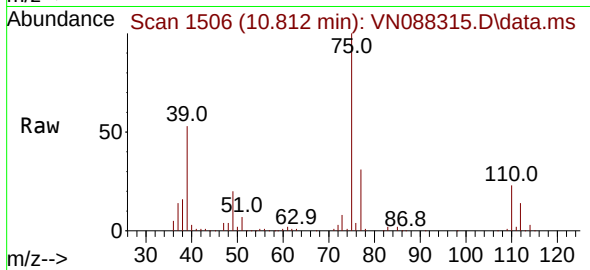




#53
 t-1,3-Dichloropropene
 Concen: 58.862 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

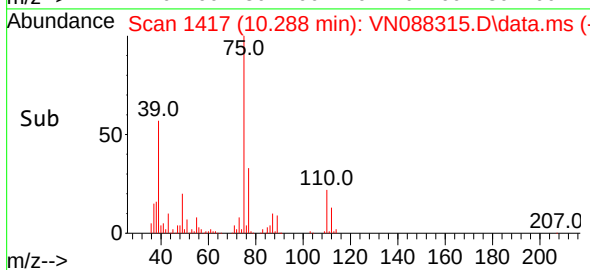
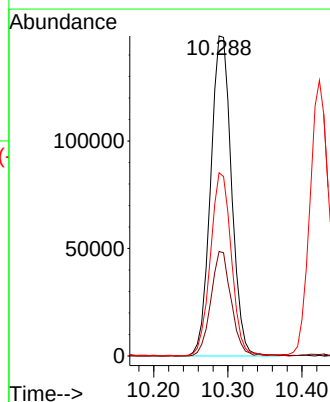
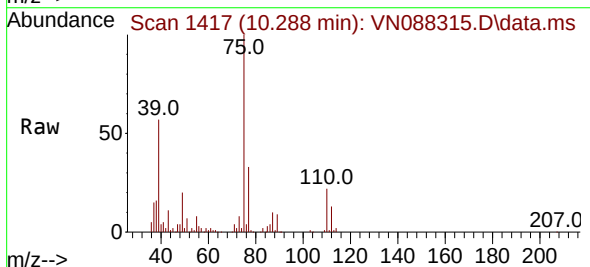
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

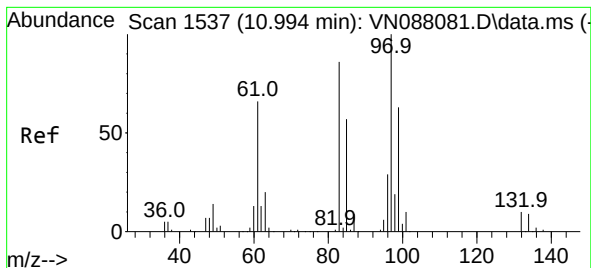
Tgt Ion: 75 Resp: 277244
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 58.283 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion: 75 Resp: 291298
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0
 39 57.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 56.692 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 162791

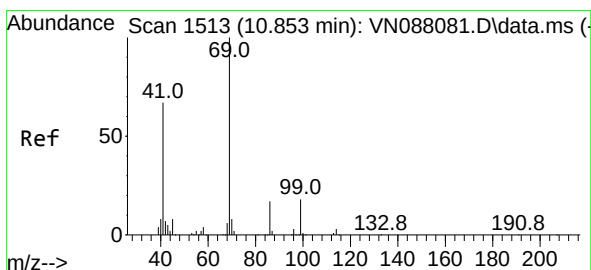
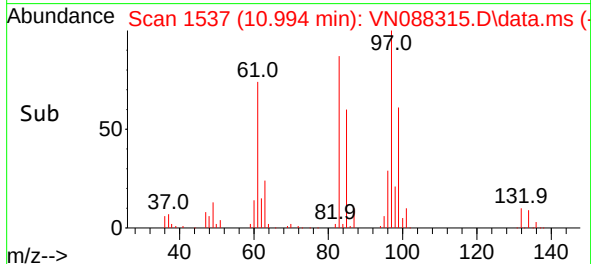
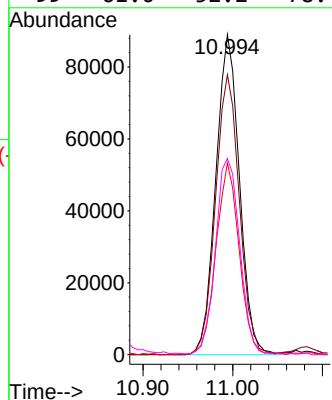
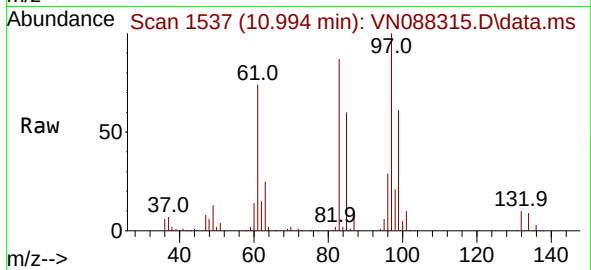
Ion Ratio Lower Upper

97 100

83 87.4 68.2 102.4

85 59.7 45.5 68.3

99 61.0 52.2 78.4



#56

Ethyl methacrylate

Concen: 59.000 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

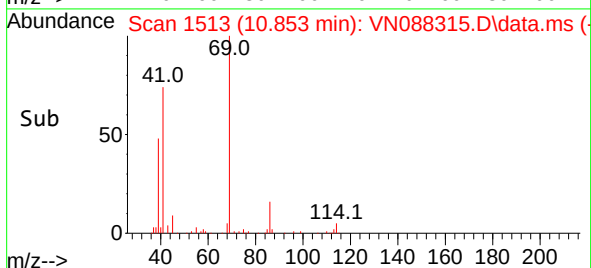
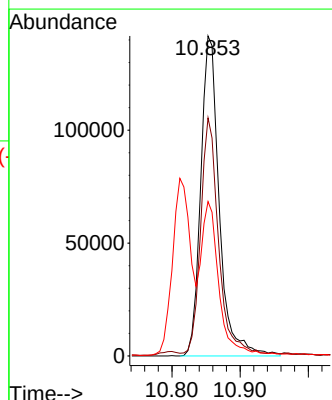
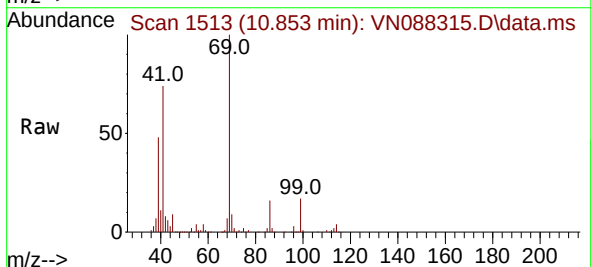
Tgt Ion: 69 Resp: 268106

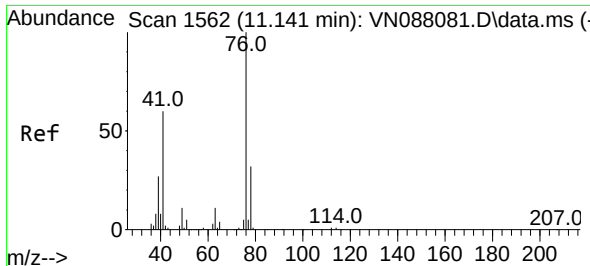
Ion Ratio Lower Upper

69 100

41 70.1 56.5 84.7

39 44.9 34.2 51.4





#57

1,3-Dichloropropane

Concen: 58.129 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

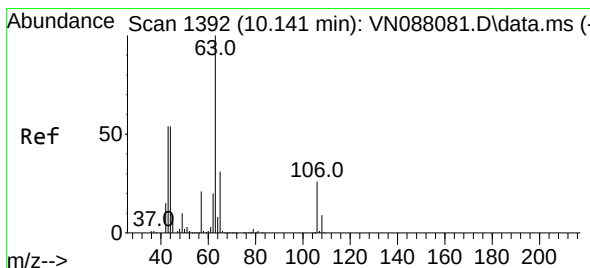
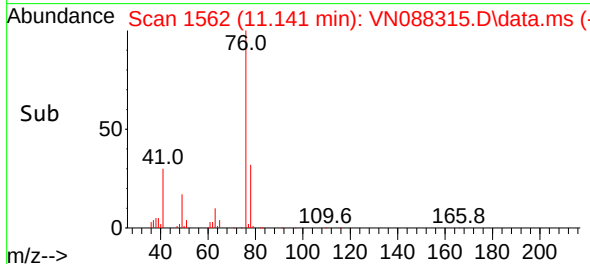
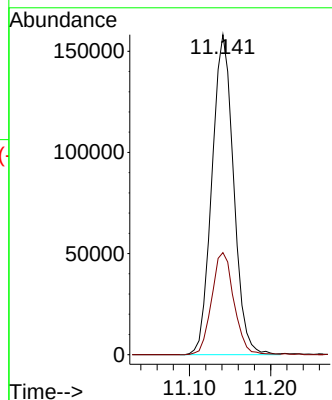
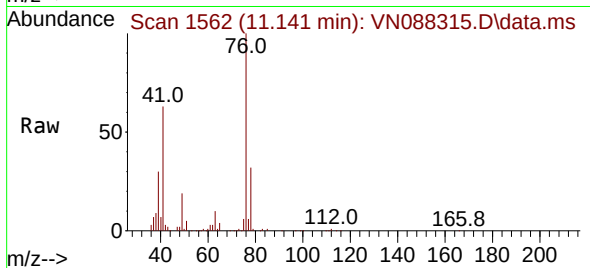
VSTDCCC050EC

Tgt Ion: 76 Resp: 293389

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 322.941 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088315.D

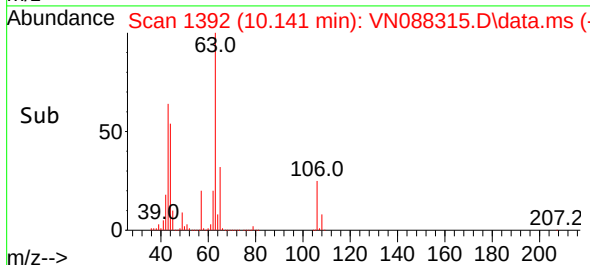
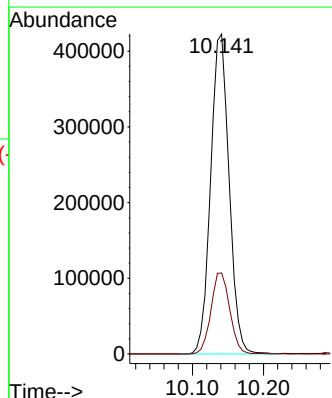
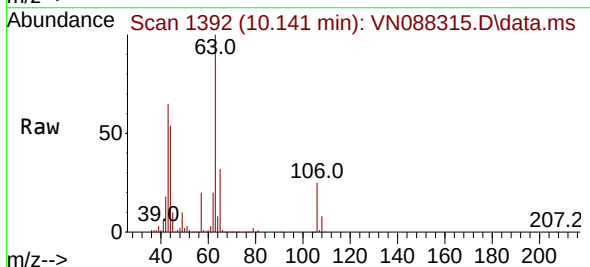
Acq: 18 Nov 2025 15:14

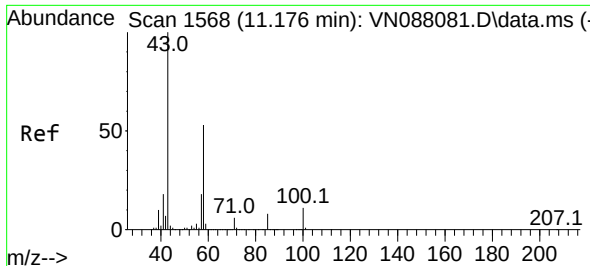
Tgt Ion: 63 Resp: 763328

Ion Ratio Lower Upper

63 100

106 25.7 21.1 31.7

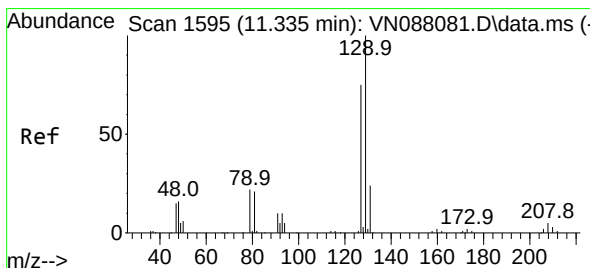
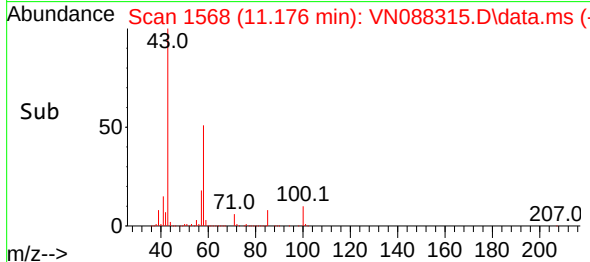
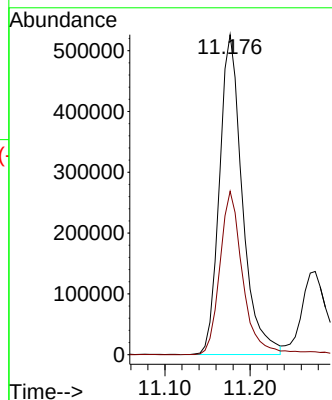
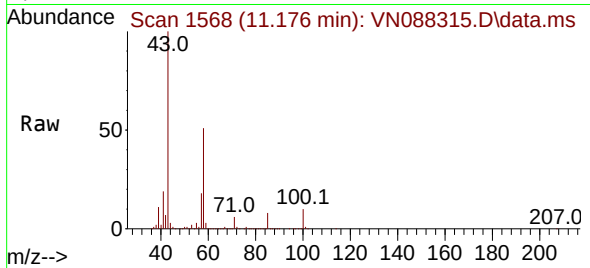




#59
2-Hexanone
Concen: 312.776 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

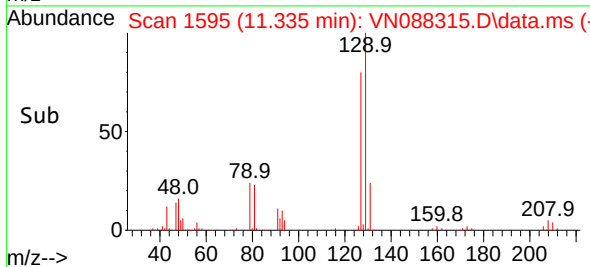
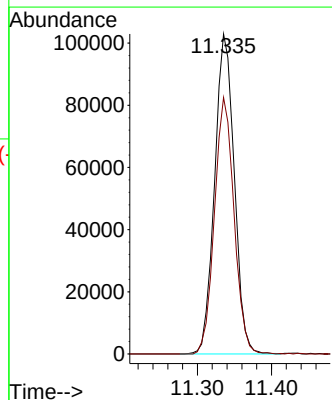
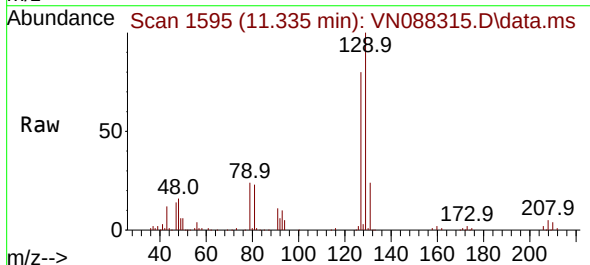
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

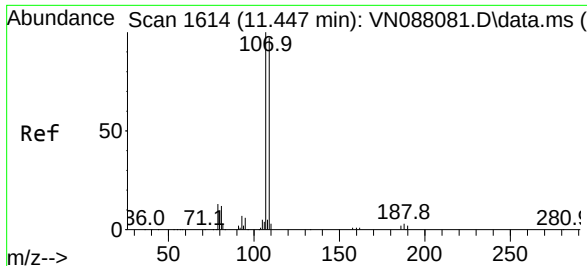
Tgt Ion: 43 Resp: 981152
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 58.058 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 129 Resp: 189488
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.3

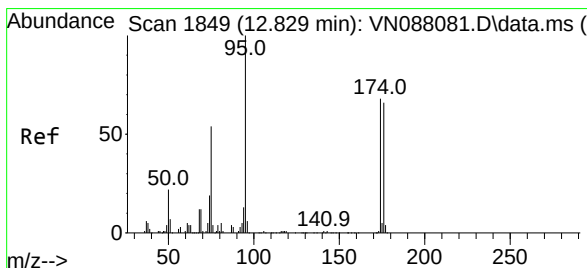
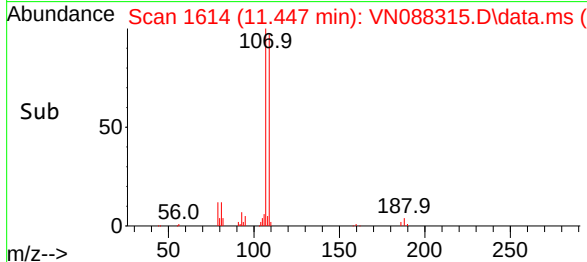
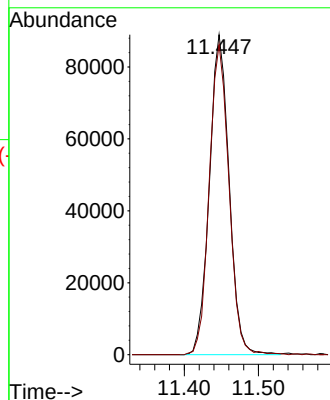
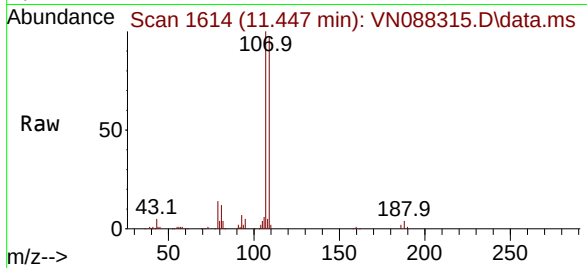




#61
1,2-Dibromoethane
Concen: 55.694 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

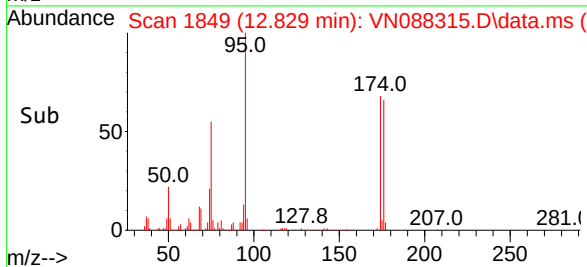
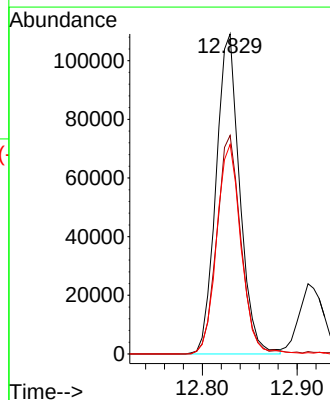
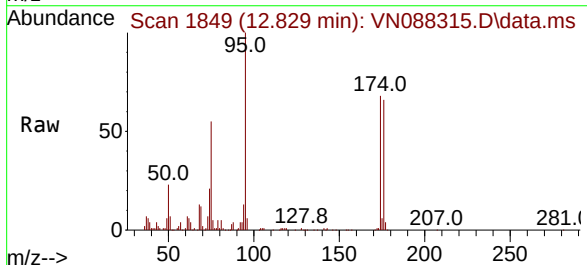
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

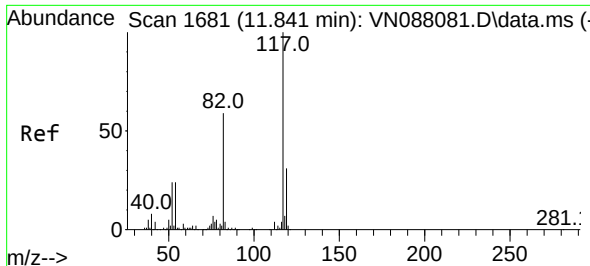
Tgt Ion:107 Resp: 164590
Ion Ratio Lower Upper
107 100
109 96.7 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.402 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 95 Resp: 189347
Ion Ratio Lower Upper
95 100
174 69.8 0.0 138.4
176 67.5 0.0 132.6

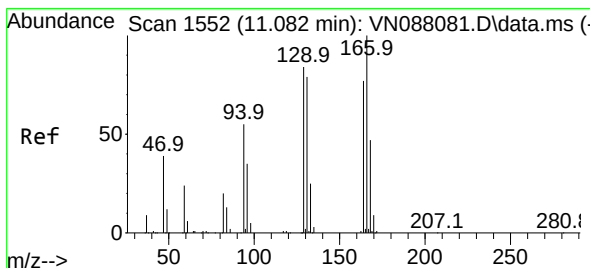
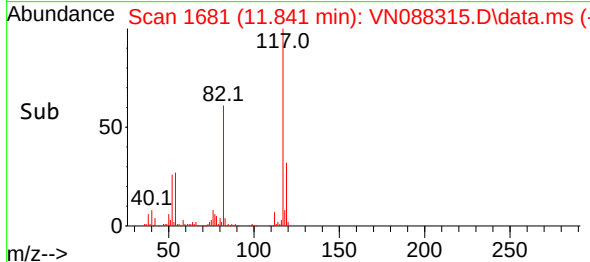
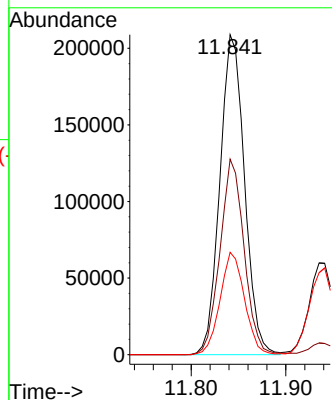
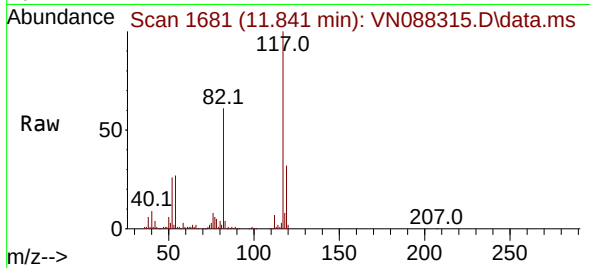




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

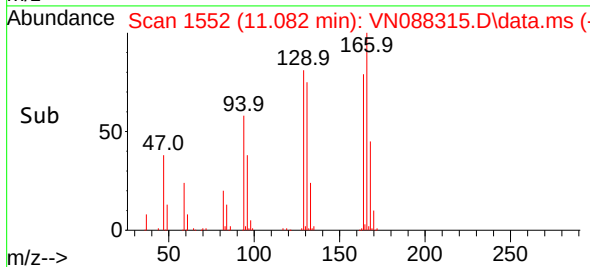
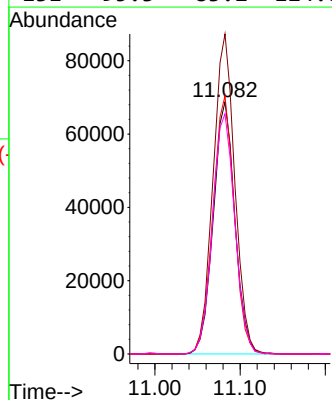
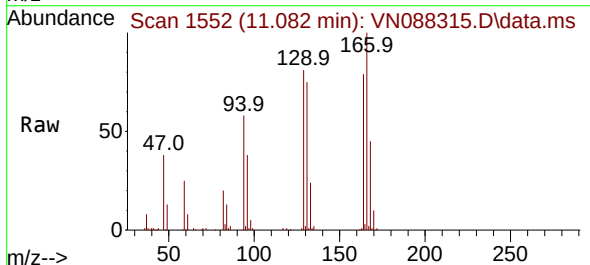
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

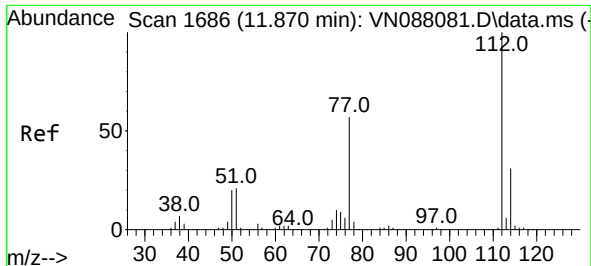
Tgt Ion:117 Resp: 377745
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.0 24.3 36.5



#64
Tetrachloroethene
Concen: 48.507 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:164 Resp: 120864
Ion Ratio Lower Upper
164 100
166 127.0 97.7 146.5
129 102.4 85.9 128.9
131 95.3 83.2 124.8

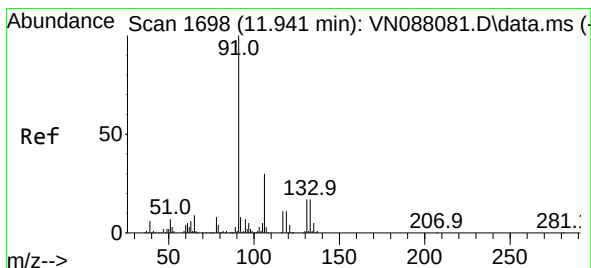
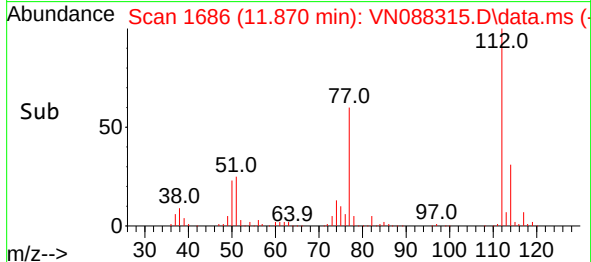
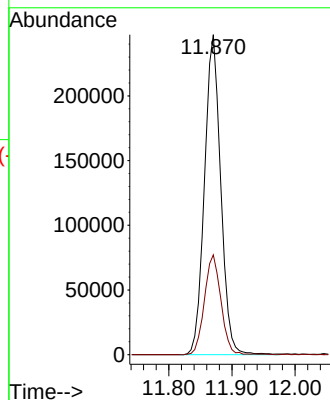
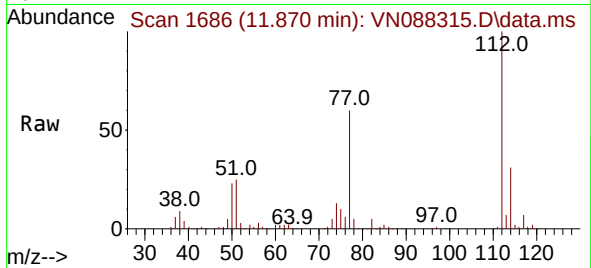




#65
Chlorobenzene
Concen: 51.564 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

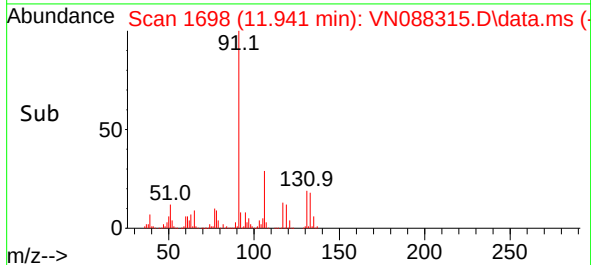
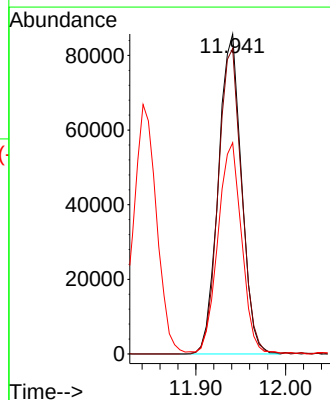
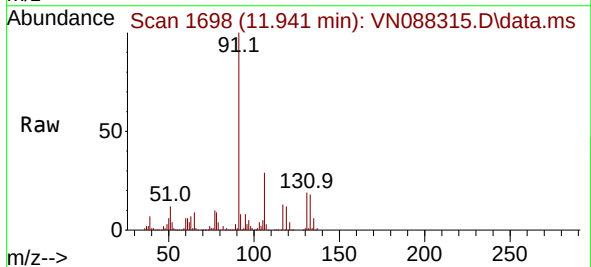
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

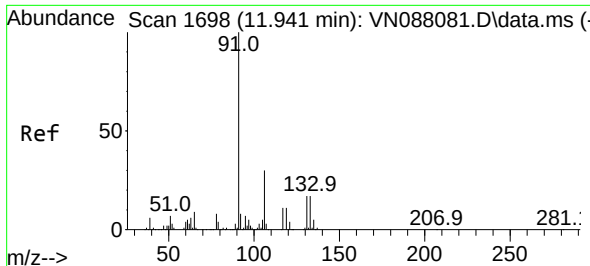
Tgt Ion:112 Resp: 442281
Ion Ratio Lower Upper
112 100
114 31.2 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.607 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:131 Resp: 153453
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.0
119 67.1 32.6 97.7





#67

Ethyl Benzene

Concen: 51.246 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

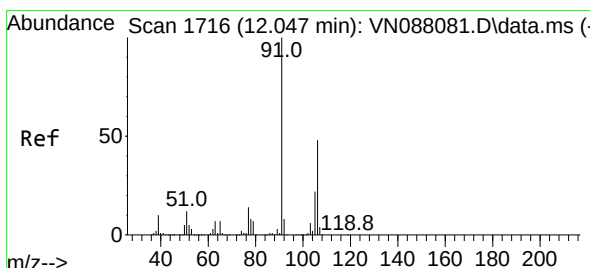
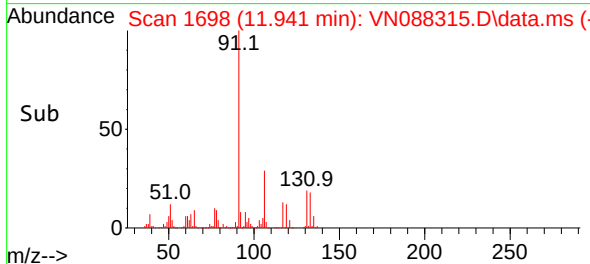
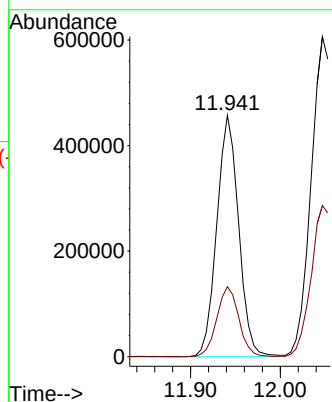
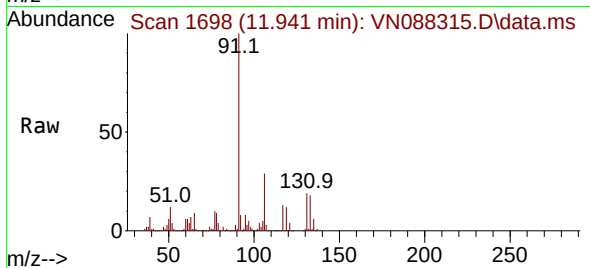
VSTDCCC050EC

Tgt Ion: 91 Resp: 771567

Ion Ratio Lower Upper

91 100

106 29.0 24.1 36.1



#68

m/p-Xylenes

Concen: 100.948 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088315.D

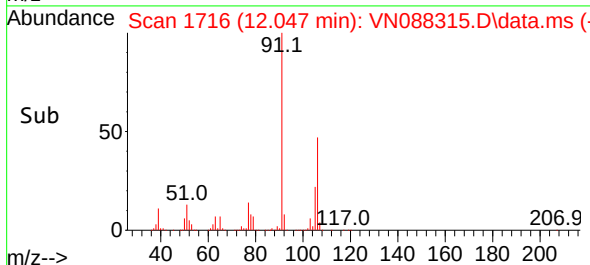
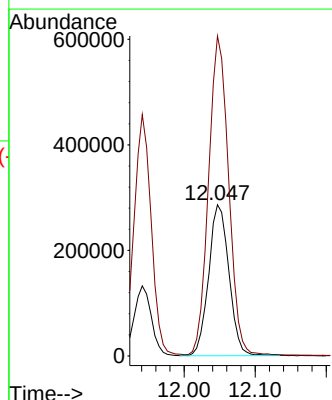
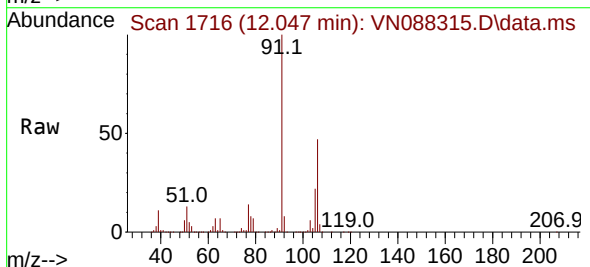
Acq: 18 Nov 2025 15:14

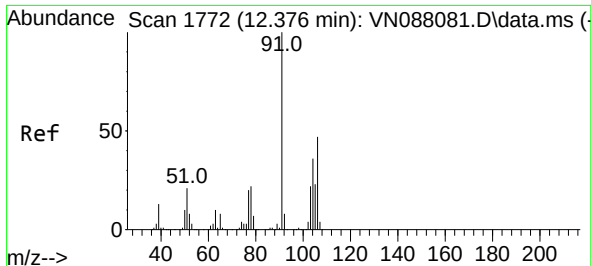
Tgt Ion:106 Resp: 569473

Ion Ratio Lower Upper

106 100

91 208.6 169.3 253.9

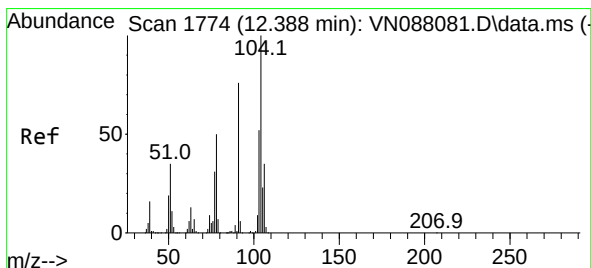
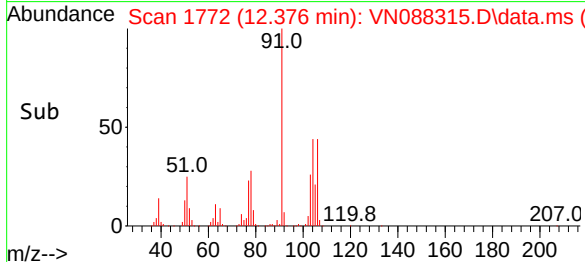
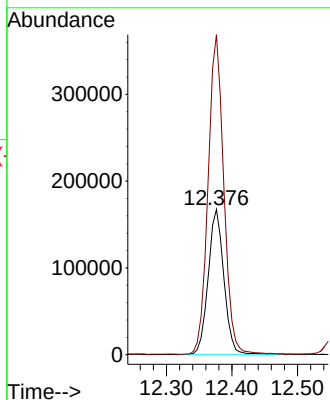
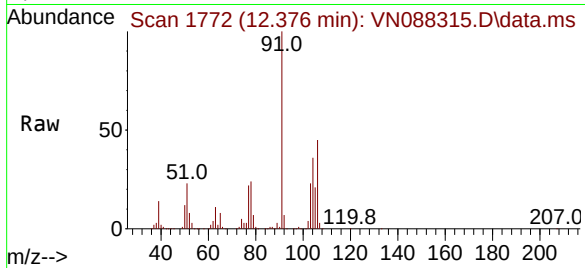




#69
o-Xylene
Concen: 52.281 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

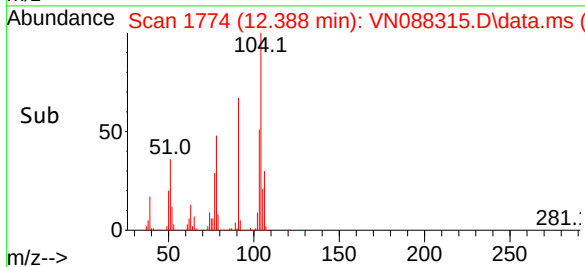
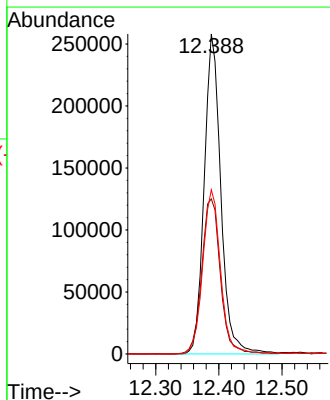
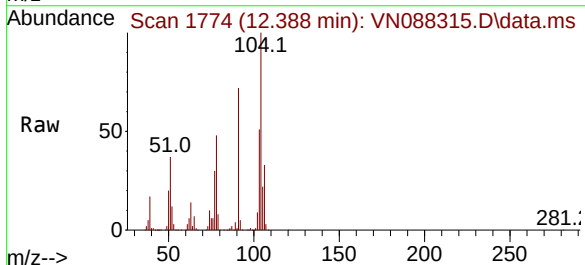
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

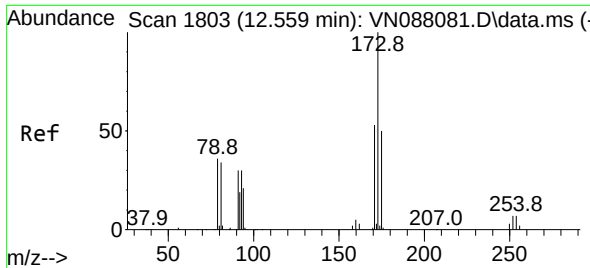
Tgt Ion:106 Resp: 279582
Ion Ratio Lower Upper
106 100
91 220.0 111.4 334.2



#70
Styrene
Concen: 54.220 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:104 Resp: 472822
Ion Ratio Lower Upper
104 100
78 54.5 42.2 63.2
103 54.9 43.4 65.2

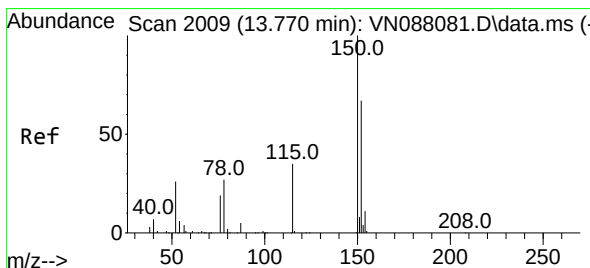
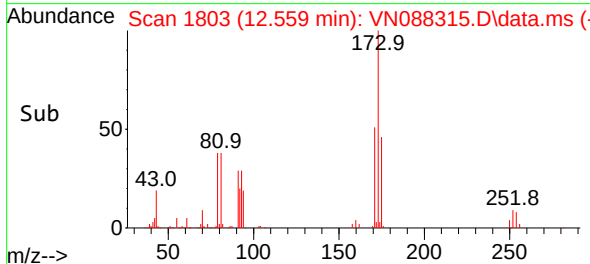
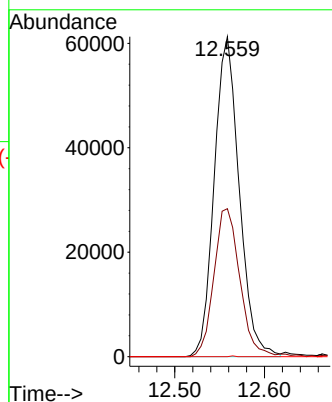
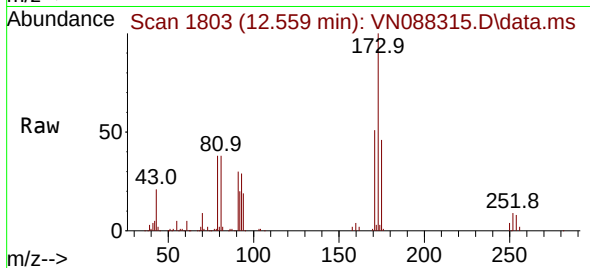




#71
Bromoform
Concen: 56.402 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

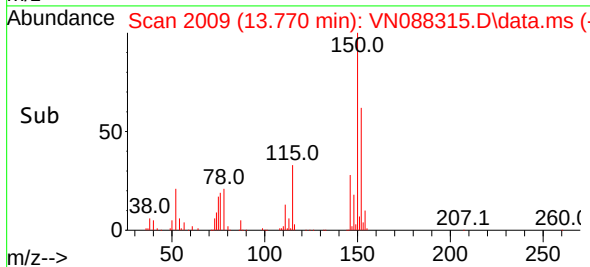
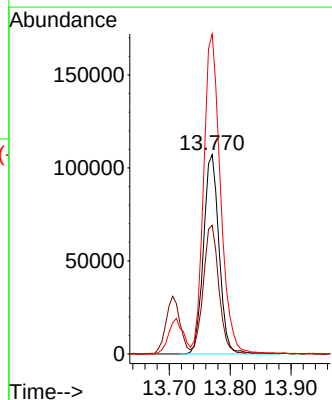
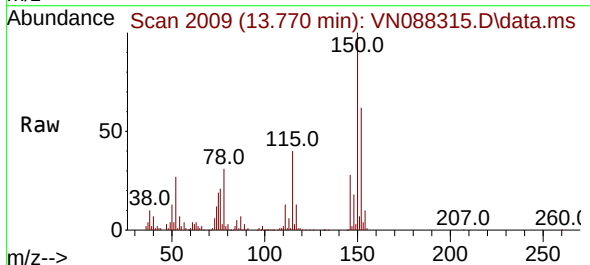
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

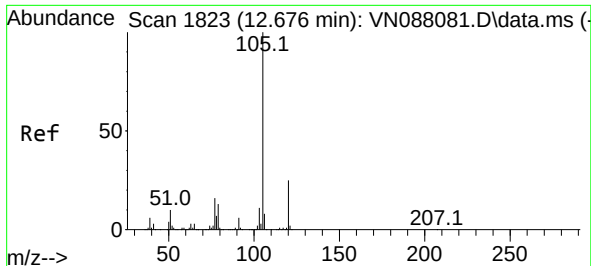
Tgt Ion:173 Resp: 118282
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:152 Resp: 190264
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 172.1 0.0 351.0

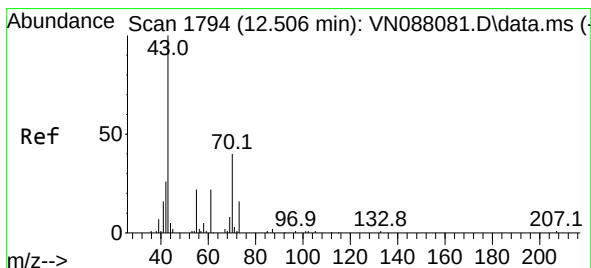
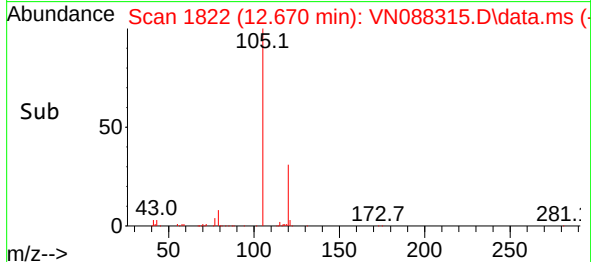
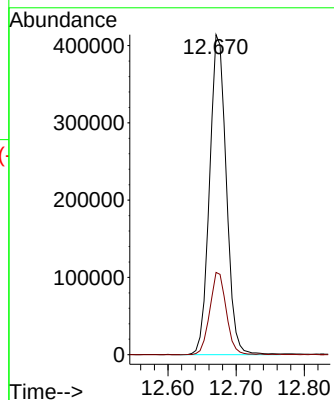
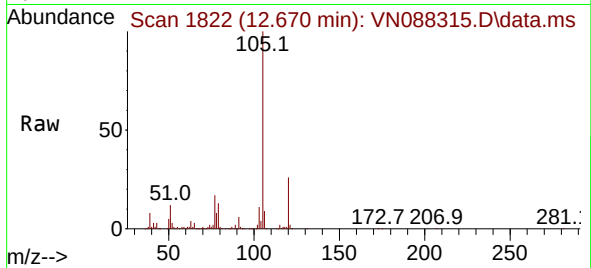




#73
Isopropylbenzene
Concen: 48.200 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

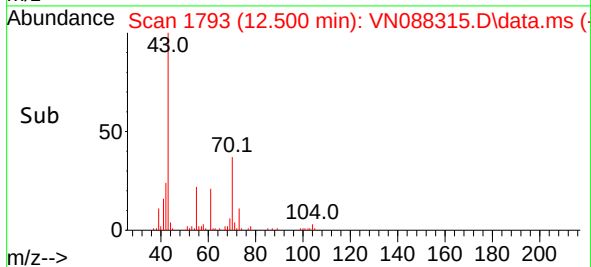
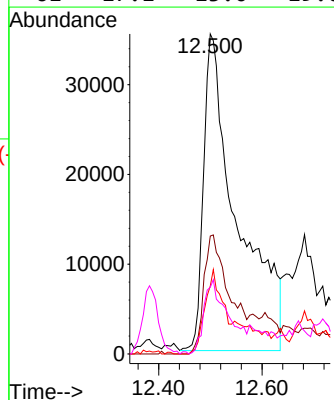
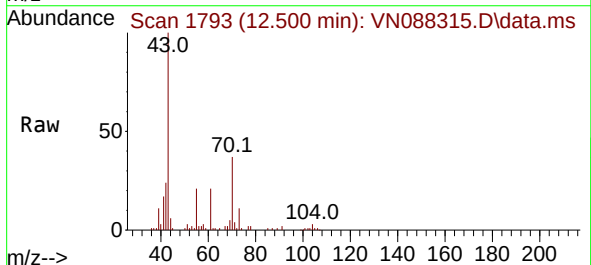
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

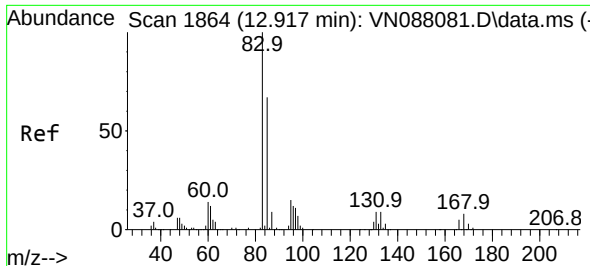
Tgt Ion:105 Resp: 707319
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 38.230 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 43 Resp: 159257
Ion Ratio Lower Upper
43 100
70 28.7 27.6 41.4
55 14.5 13.0 19.6
61 17.1 13.0 19.6

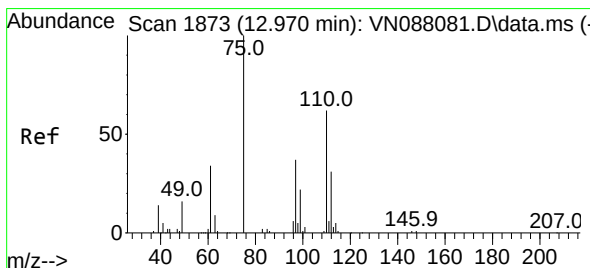
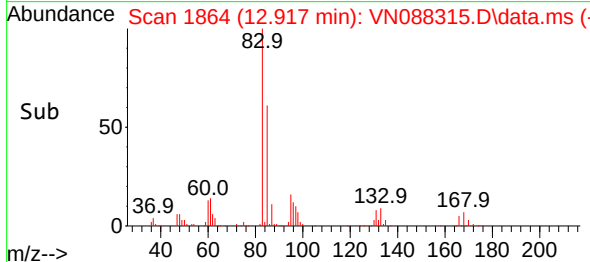
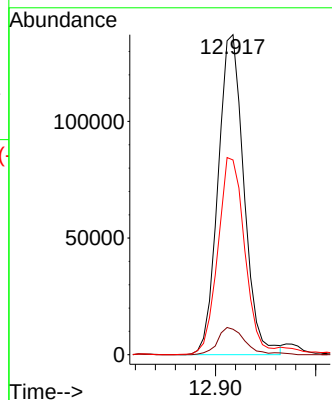
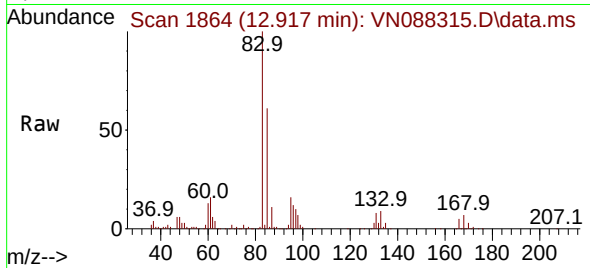




#75
1,1,2-Tetrachloroethane
Concen: 53.817 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

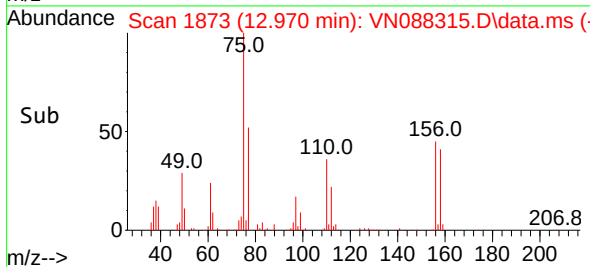
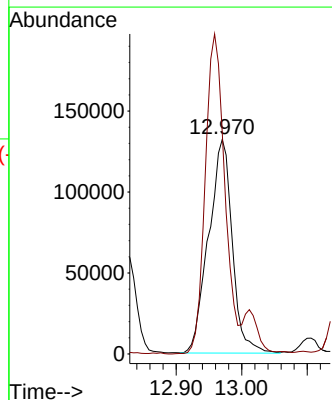
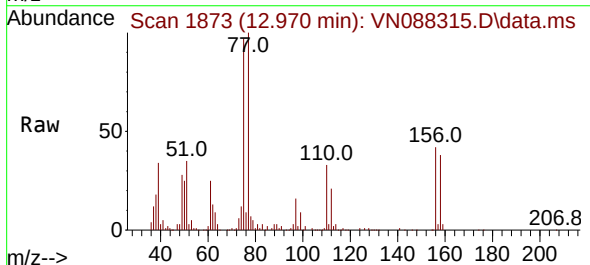
Instrument :
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ClientSampleId :
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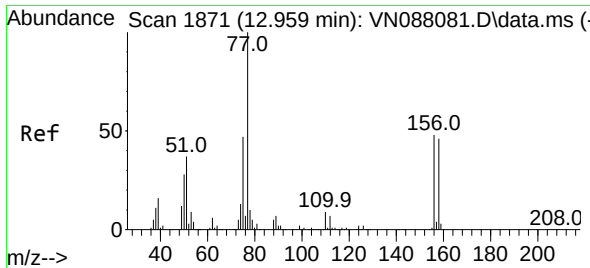
Tgt Ion: 83 Resp: 245874
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 63.8 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 76.053 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 75 Resp: 330834
Ion Ratio Lower Upper
75 100
77 124.8 89.1 267.4

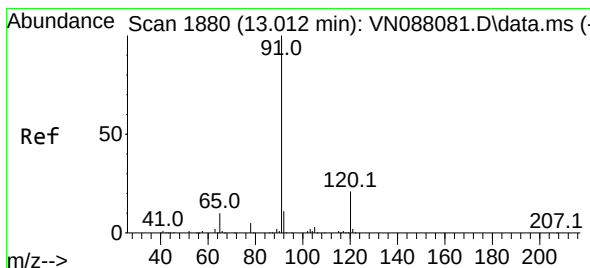
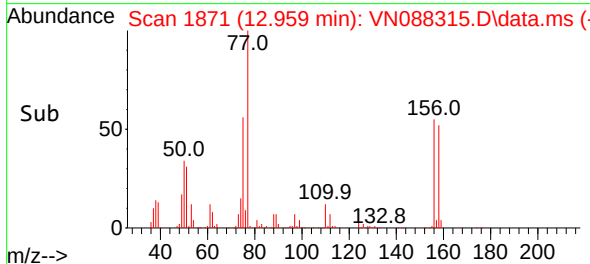
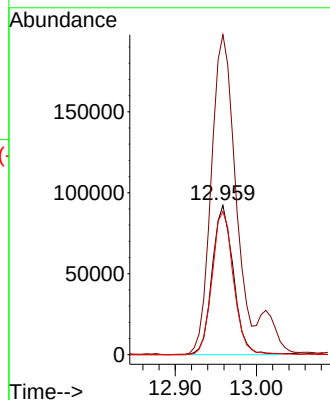
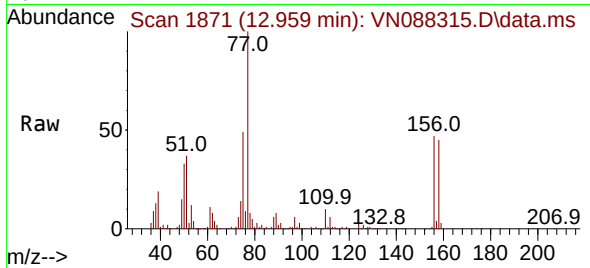




#77
Bromobenzene
Concen: 52.999 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

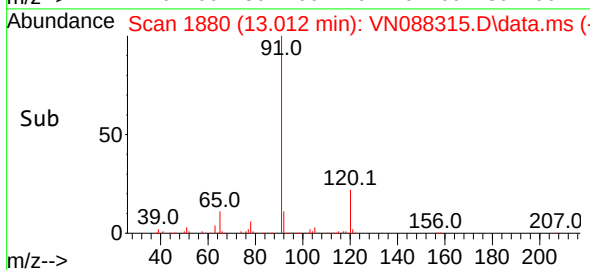
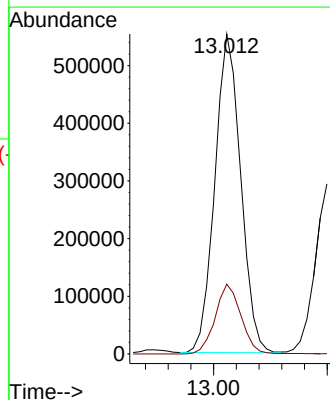
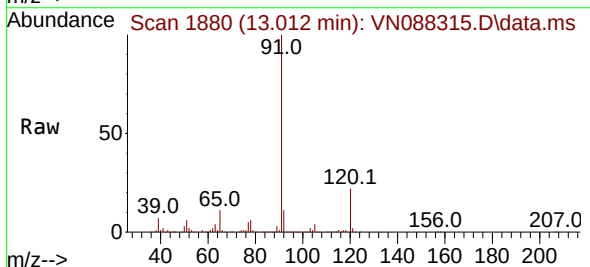
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

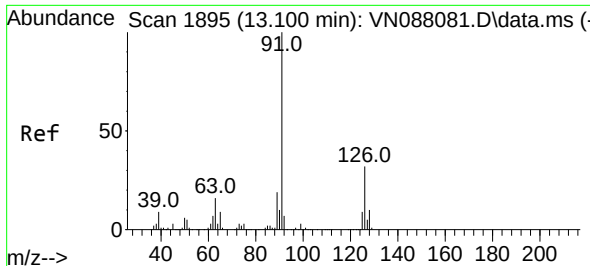
Tgt Ion:156 Resp: 167712
Ion Ratio Lower Upper
156 100
77 246.1 119.3 358.0
158 96.7 48.2 144.6



#78
n-propylbenzene
Concen: 48.680 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 91 Resp: 871758
Ion Ratio Lower Upper
91 100
120 21.8 10.7 32.1

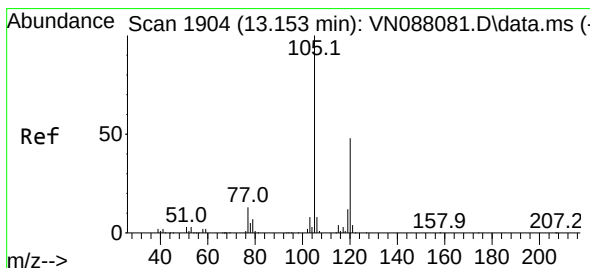
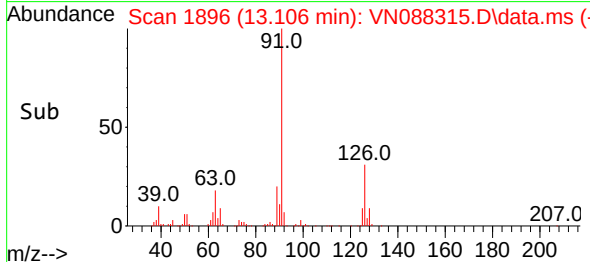
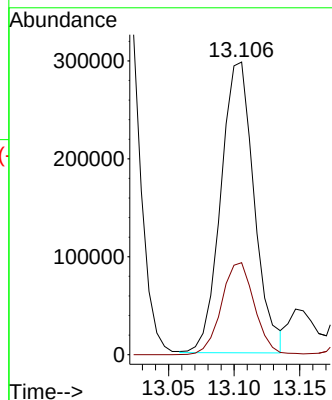
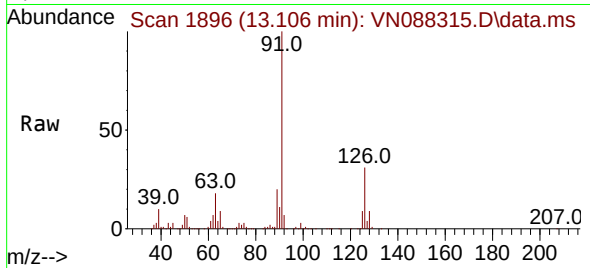




#79
2-Chlorotoluene
Concen: 51.492 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

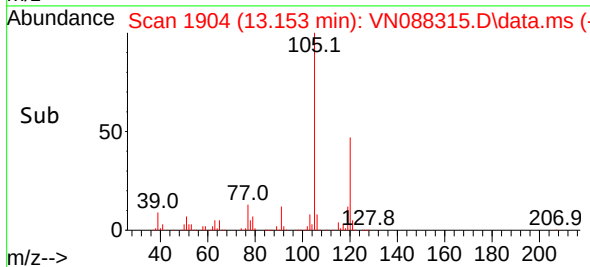
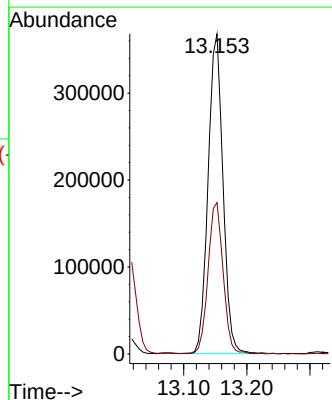
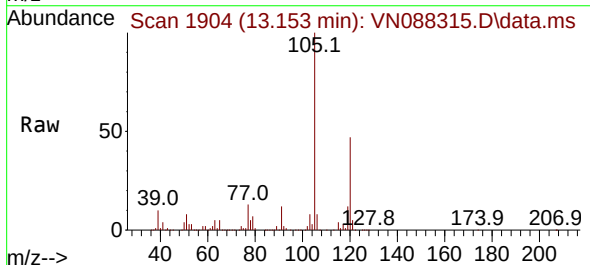
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ClientSampleId :
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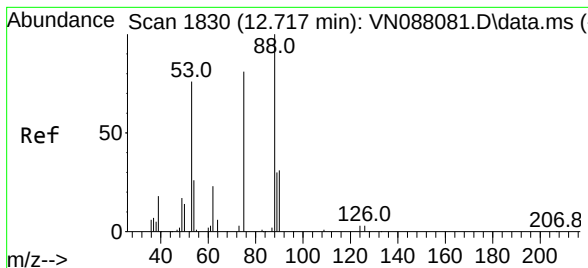
Tgt Ion: 91 Resp: 525866
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.345 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 105 Resp: 601387
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6

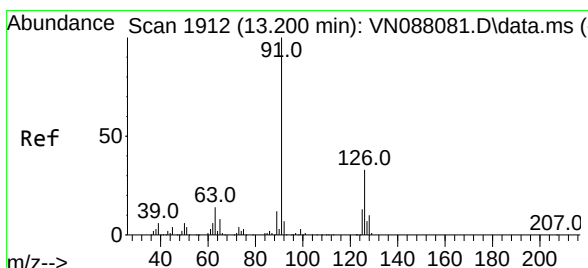
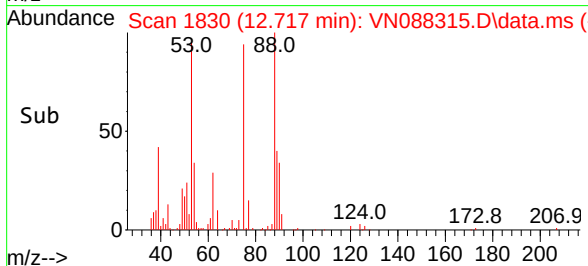
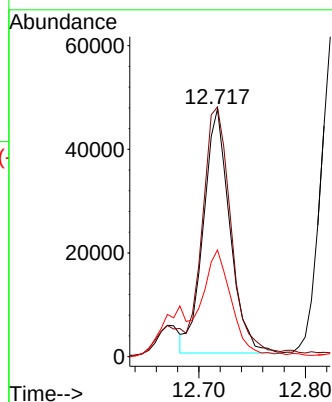
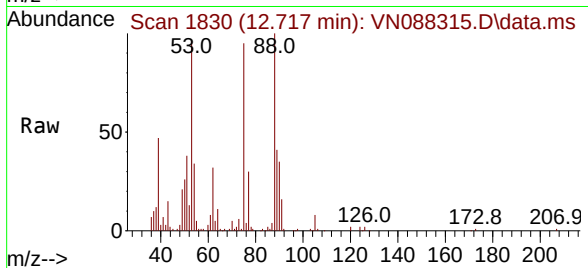




#81
trans-1,4-Dichloro-2-butene
Concen: 52.044 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

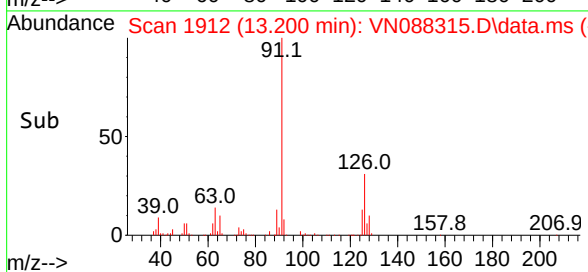
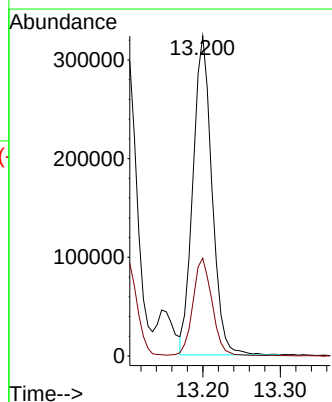
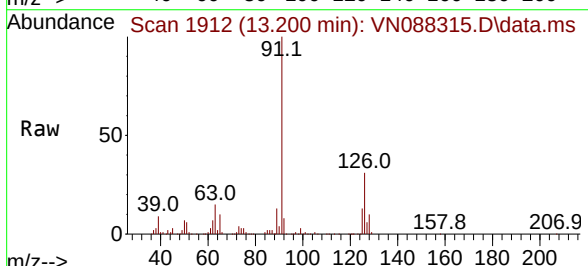
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

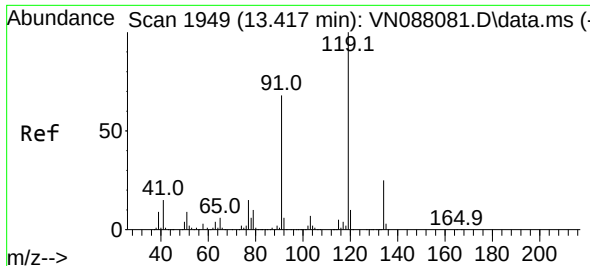
Tgt Ion: 75 Resp: 81158
Ion Ratio Lower Upper
75 100
53 106.7 101.8 152.6
89 47.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.703 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 91 Resp: 549175
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

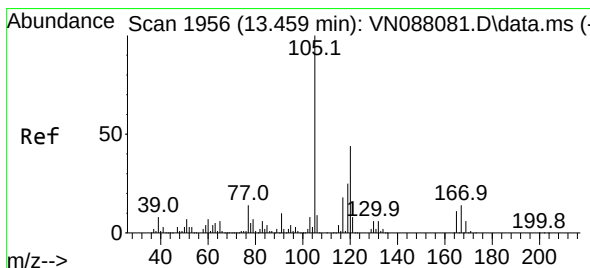
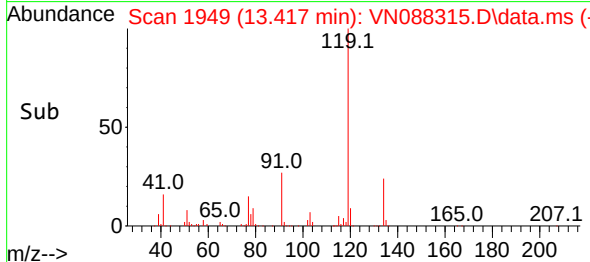
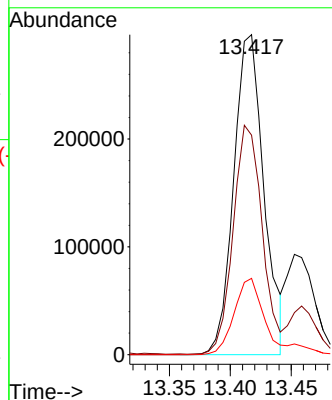
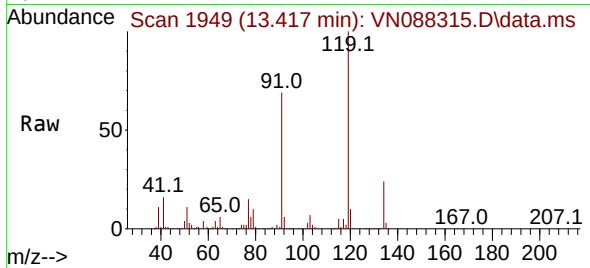




#83
 tert-Butylbenzene
 Concen: 47.064 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

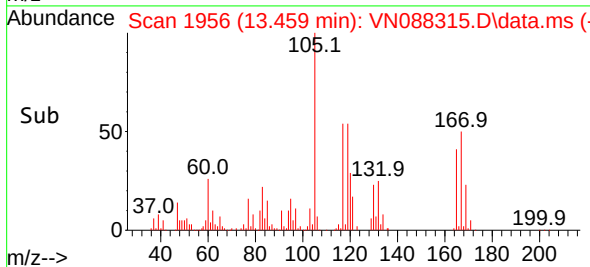
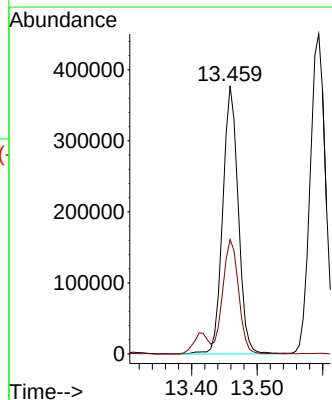
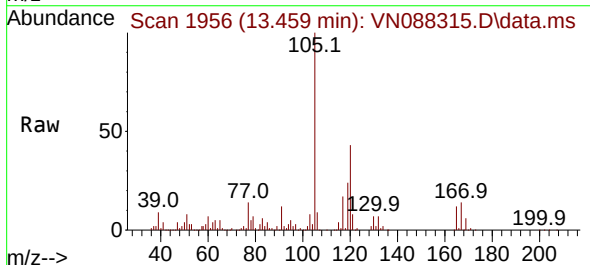
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

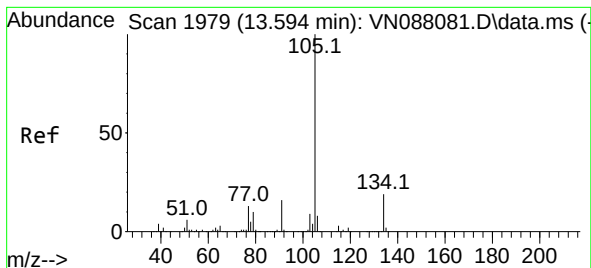
Tgt Ion:119 Resp: 512383
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.0 105.0
 134 25.5 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.708 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion:105 Resp: 618316
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.016 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

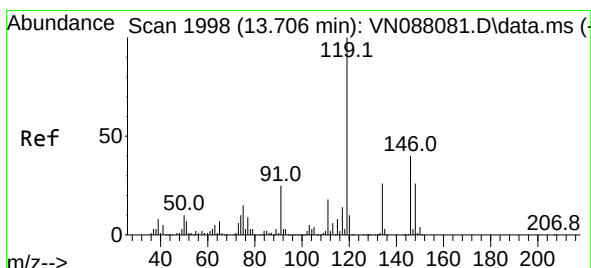
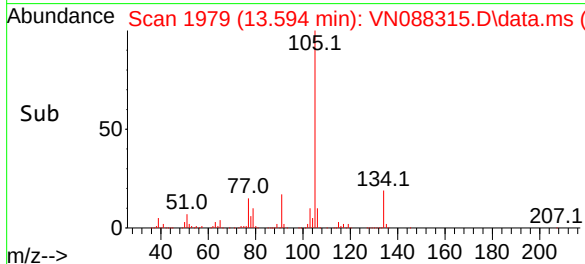
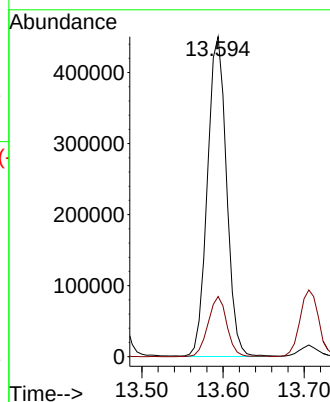
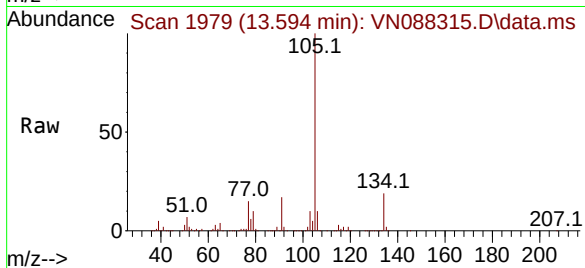
VSTDCCC050EC

Tgt Ion:105 Resp: 736032

Ion Ratio Lower Upper

105 100

134 18.6 9.6 28.6



#86

p-Isopropyltoluene

Concen: 48.090 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

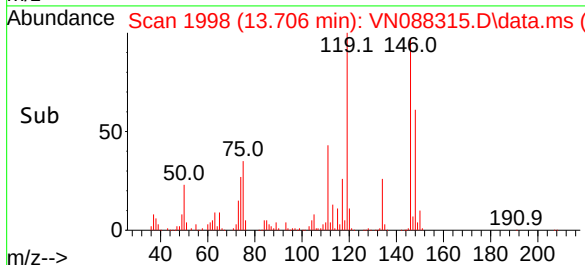
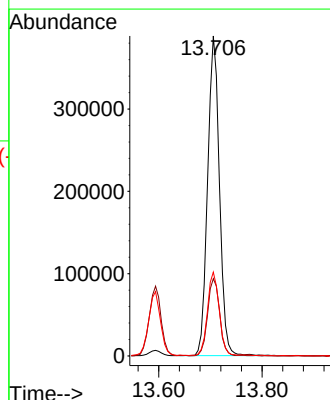
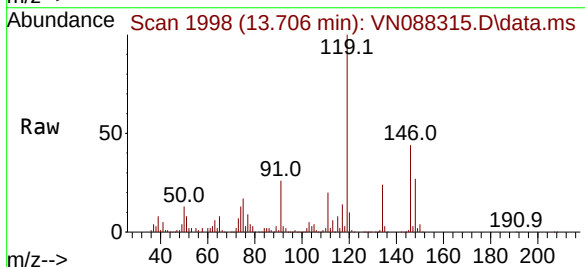
Tgt Ion:119 Resp: 617059

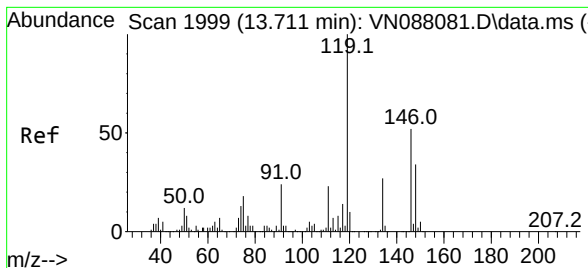
Ion Ratio Lower Upper

119 100

134 24.5 12.7 38.0

91 26.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 51.849 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

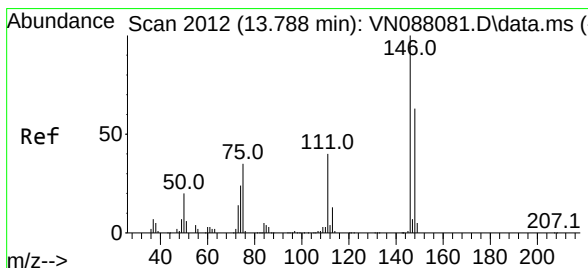
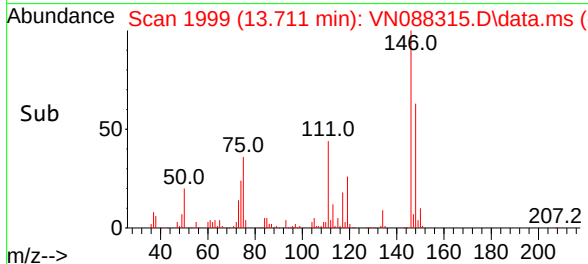
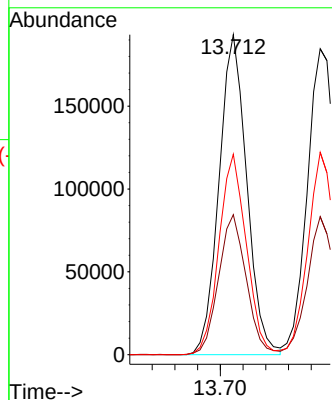
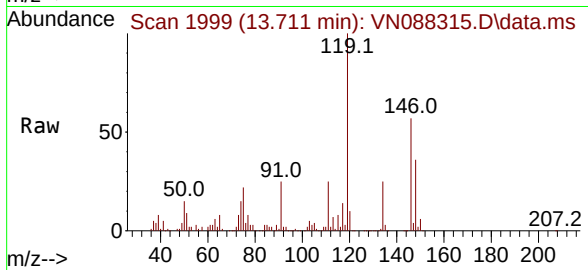
Tgt Ion:146 Resp: 327533

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.5

148 61.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.770 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

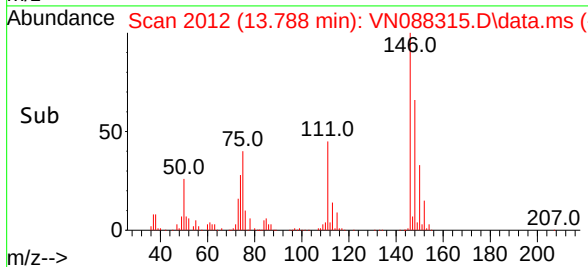
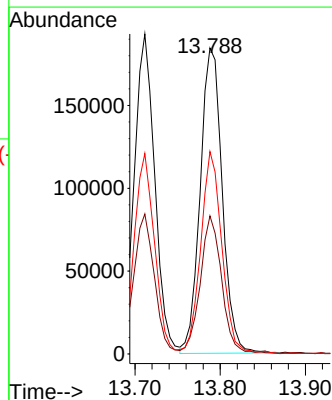
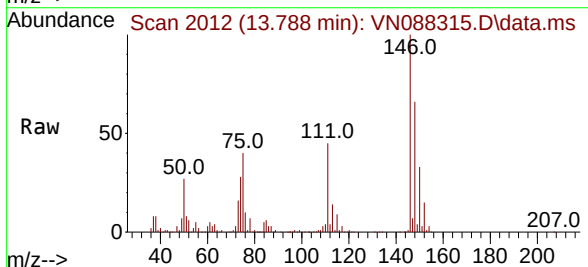
Tgt Ion:146 Resp: 330893

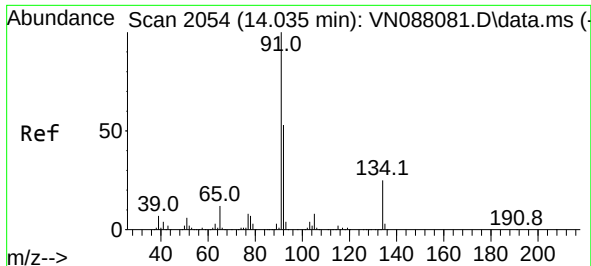
Ion Ratio Lower Upper

146 100

111 43.9 21.0 63.0

148 63.9 32.0 96.0

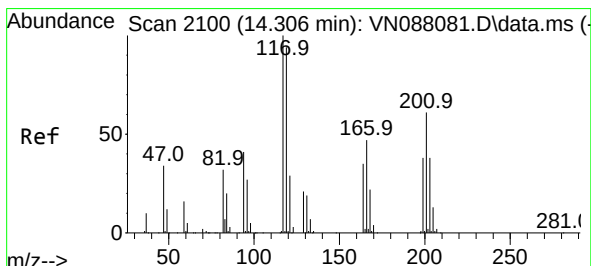
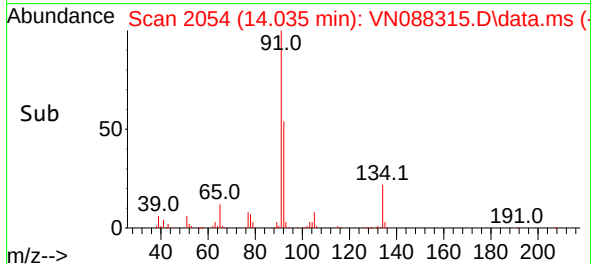
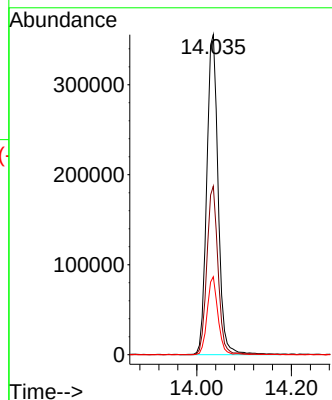
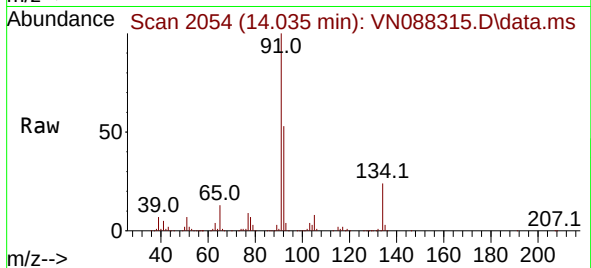




#89
n-Butylbenzene
Concen: 46.661 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

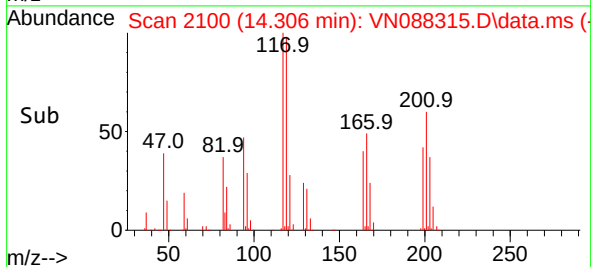
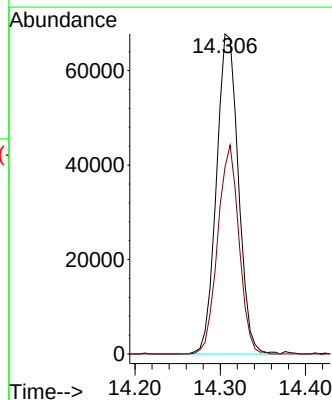
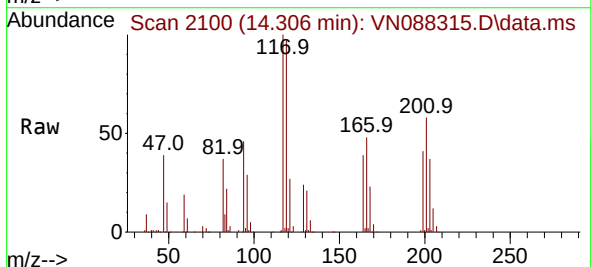
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

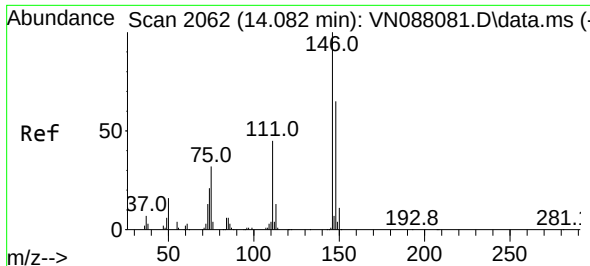
Tgt Ion: 91 Resp: 593068
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.8
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 48.748 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion: 117 Resp: 121131
Ion Ratio Lower Upper
117 100
201 63.2 29.1 87.4

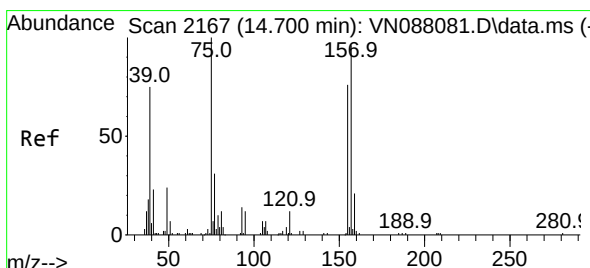
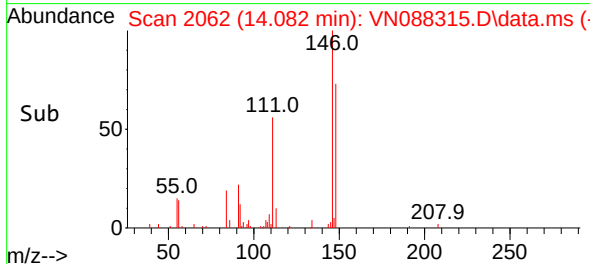
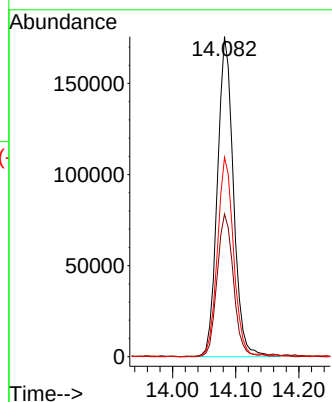
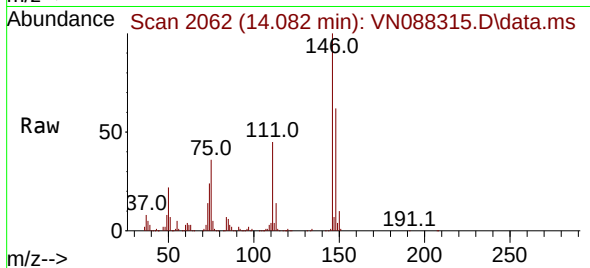




#91
 1,2-Dichlorobenzene
 Concen: 51.043 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

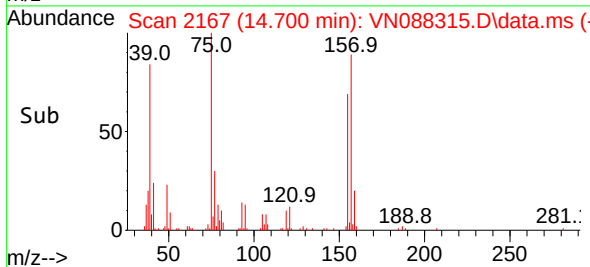
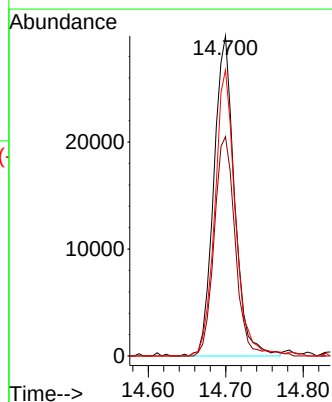
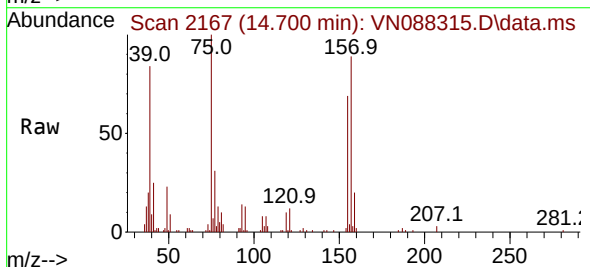
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

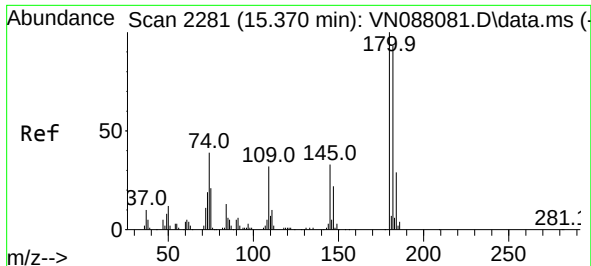
Tgt Ion:146 Resp: 310815
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.6 67.8
 148 63.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.249 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088315.D
 Acq: 18 Nov 2025 15:14

Tgt Ion: 75 Resp: 55560
 Ion Ratio Lower Upper
 75 100
 155 70.0 36.6 109.9
 157 88.1 45.6 136.9

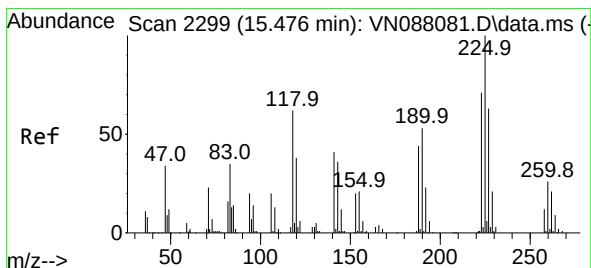
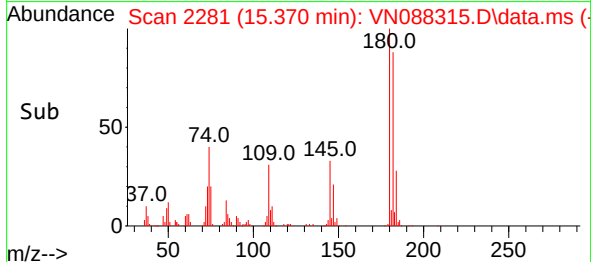
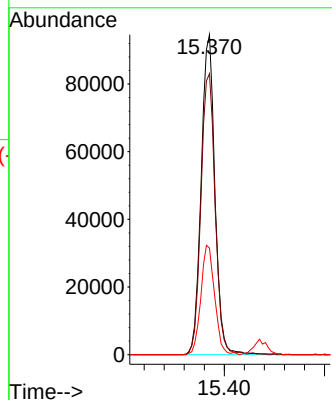
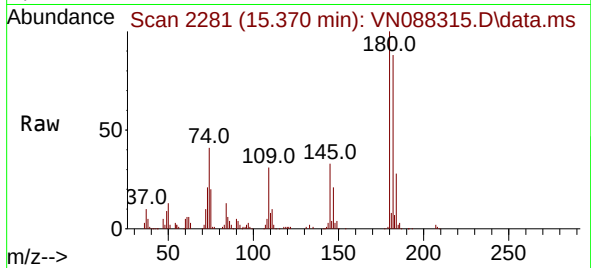




#93
1,2,4-Trichlorobenzene
Concen: 48.789 ug/l
RT: 15.370 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

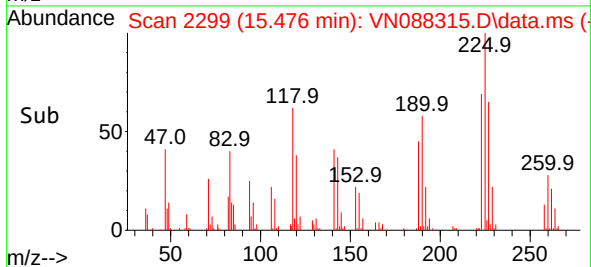
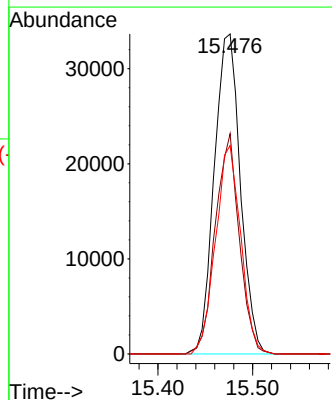
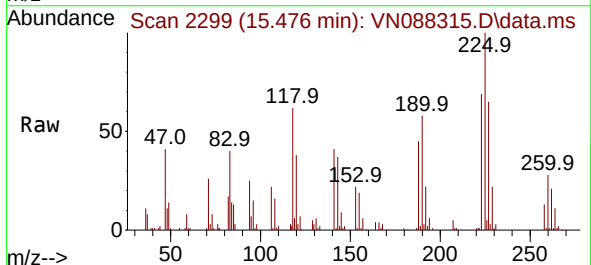
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

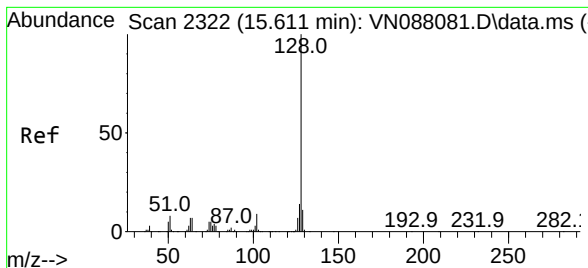
Tgt Ion:180 Resp: 179925
Ion Ratio Lower Upper
180 100
182 90.6 47.6 142.9
145 34.3 16.5 49.5



#94
Hexachlorobutadiene
Concen: 46.923 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088315.D
Acq: 18 Nov 2025 15:14

Tgt Ion:225 Resp: 64440
Ion Ratio Lower Upper
225 100
223 63.4 32.0 96.2
227 62.9 32.1 96.5





#95

Naphthalene

Concen: 49.992 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

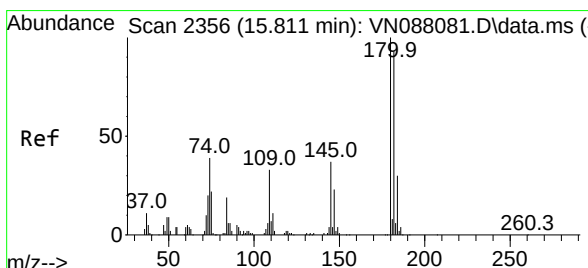
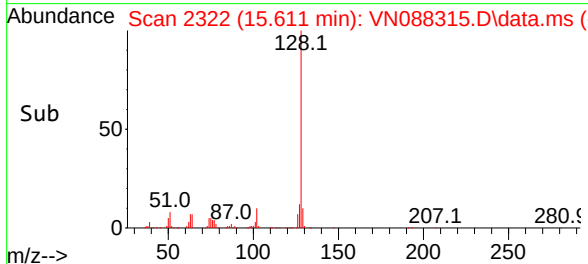
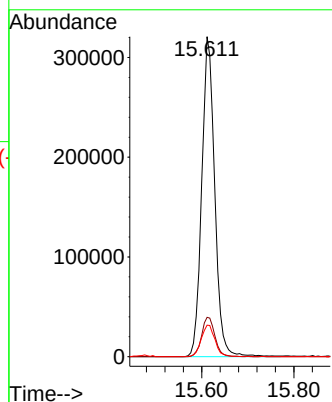
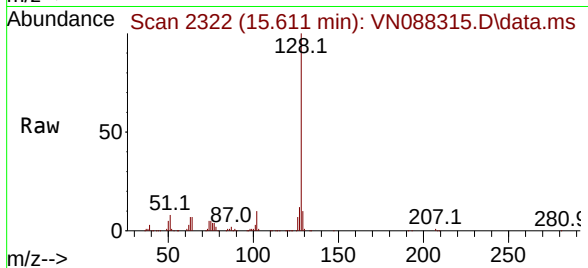
Tgt Ion:128 Resp: 631571

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.844 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088315.D

Acq: 18 Nov 2025 15:14

Tgt Ion:180 Resp: 172713

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.3

145 36.7 17.3 52.0

