

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088437.D
 Acq On : 04 Dec 2025 11:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:11:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	259230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	454552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	431157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	210277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	269836	55.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.520%	
35) Dibromofluoromethane	8.147	113	180201	57.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.420%	
50) Toluene-d8	10.541	98	649537	55.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.829	95	230283	57.262	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	201478	51.745	ug/l	99
3) Chloromethane	2.383	50	206193	49.307	ug/l	96
4) Vinyl Chloride	2.536	62	211796	49.784	ug/l	100
5) Bromomethane	2.977	94	100901	49.278	ug/l	93
6) Chloroethane	3.142	64	138625	52.654	ug/l	95
7) Trichlorofluoromethane	3.512	101	324899	54.337	ug/l	99
8) Diethyl Ether	3.959	74	117687	52.439	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	164403	51.647	ug/l	99
10) Methyl Iodide	4.583	142	141417	44.878	ug/l	92
11) Tert butyl alcohol	5.524	59	174143	223.357	ug/l	98
12) 1,1-Dichloroethene	4.336	96	160467	50.738	ug/l	93
13) Acrolein	4.171	56	216629	290.220	ug/l	98
14) Allyl chloride	5.018	41	291153	49.668	ug/l	96
15) Acrylonitrile	5.706	53	590127	262.341	ug/l	99
16) Acetone	4.418	43	408907	231.533	ug/l	100
17) Carbon Disulfide	4.706	76	513890	49.724	ug/l	99
18) Methyl Acetate	5.012	43	289409	55.051	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	650434	54.892	ug/l	95
20) Methylene Chloride	5.265	84	193652	51.250	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	182717	52.153	ug/l	99
22) Diisopropyl ether	6.659	45	700009	55.934	ug/l	98
23) Vinyl Acetate	6.589	43	3136556	311.072	ug/l	99
24) 1,1-Dichloroethane	6.553	63	385388	54.378	ug/l	99
25) 2-Butanone	7.465	43	739812	260.572	ug/l	98
26) 2,2-Dichloropropane	7.471	77	326583	53.386	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	215724	52.983	ug/l	99
28) Bromochloromethane	7.794	49	199532	56.516	ug/l	97
29) Tetrahydrofuran	7.818	42	562734	276.329	ug/l	99
30) Chloroform	7.947	83	392592	56.375	ug/l	99
31) Cyclohexane	8.241	56	322585	50.228	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	331052	54.066	ug/l	99
36) 1,1-Dichloropropene	8.347	75	262020	53.897	ug/l	99
37) Ethyl Acetate	7.542	43	348681	54.547	ug/l	100
38) Carbon Tetrachloride	8.341	117	280878	58.038	ug/l	96
39) Methylcyclohexane	9.577	83	272178	52.341	ug/l	94
40) Benzene	8.583	78	792340	55.531	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	184821	58.376	ug/l	96
42) 1,2-Dichloroethane	8.647	62	331550	60.904	ug/l	97
43) Isopropyl Acetate	8.671	43	542837	55.581	ug/l	100
44) Trichloroethene	9.330	130	174795	51.846	ug/l	96
45) 1,2-Dichloropropane	9.594	63	210122	57.477	ug/l	96
46) Dibromomethane	9.688	93	150122	57.541	ug/l	98
47) Bromodichloromethane	9.865	83	307416	57.749	ug/l	97
48) Methyl methacrylate	9.659	41	262024	58.800	ug/l	97
49) 1,4-Dioxane	9.677	88	58650	1034.918	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	1723595	299.404	ug/l	100
52) Toluene	10.606	92	480292	58.295	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	312027	57.105	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	330756	57.561	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	182938	57.390	ug/l	98
56) Ethyl methacrylate	10.853	69	311735	61.911	ug/l	98
57) 1,3-Dichloropropane	11.141	76	332821	57.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	883178	304.242	ug/l	100
59) 2-Hexanone	11.177	43	1099155	303.090	ug/l	100
60) Dibromochloromethane	11.335	129	214567	59.046	ug/l	99
61) 1,2-Dibromoethane	11.447	107	184522	57.164	ug/l	99
64) Tetrachloroethene	11.077	164	155230	45.415	ug/l	97
65) Chlorobenzene	11.871	112	504973	52.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	177636	54.384	ug/l	98
67) Ethyl Benzene	11.941	91	910559	53.794	ug/l	100
68) m/p-Xylenes	12.047	106	690769	110.067	ug/l	100
69) o-Xylene	12.376	106	319328	53.371	ug/l	97
70) Styrene	12.388	104	558388	57.477	ug/l	99
71) Bromoform	12.559	173	134945	56.405	ug/l #	99
73) Isopropylbenzene	12.671	105	846156	54.424	ug/l	100
74) N-amyl acetate	12.500	43	163193	30.821	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	276796	55.070	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	387621	78.704	ug/l	63
77) Bromobenzene	12.959	156	197041	55.390	ug/l	98
78) n-propylbenzene	13.012	91	1046093	54.998	ug/l	99
79) 2-Chlorotoluene	13.100	91	615186	52.964	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	720007	55.887	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	100456	57.865	ug/l #	89
82) 4-Chlorotoluene	13.200	91	656816	56.933	ug/l	98
83) tert-Butylbenzene	13.412	119	588225	53.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	730000	57.007	ug/l	98
85) sec-Butylbenzene	13.588	105	847596	53.872	ug/l	99
86) p-Isopropyltoluene	13.706	119	706011	54.723	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	376351	54.348	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	380675	52.479	ug/l	97
89) n-Butylbenzene	14.029	91	671306	53.590	ug/l	100
90) Hexachloroethane	14.306	117	127576	54.130	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	349875	53.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	63936	52.428	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	194146	50.142	ug/l	98
94) Hexachlorobutadiene	15.470	225	72189	51.883	ug/l	97
95) Naphthalene	15.612	128	712709	53.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	192507	51.087	ug/l	97

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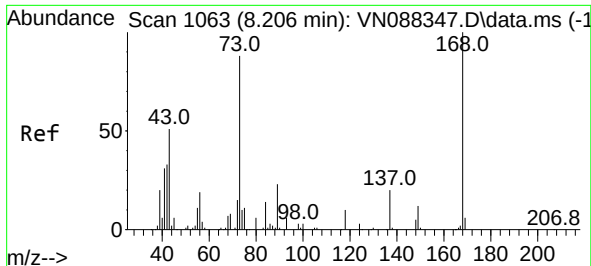
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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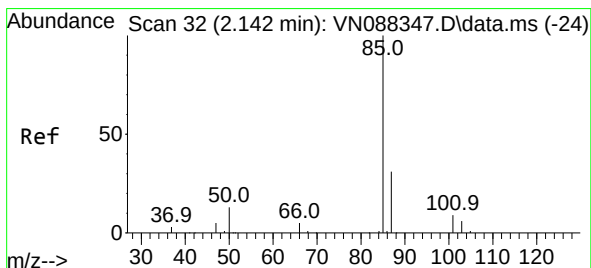
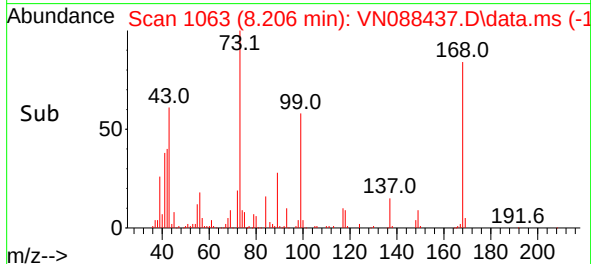
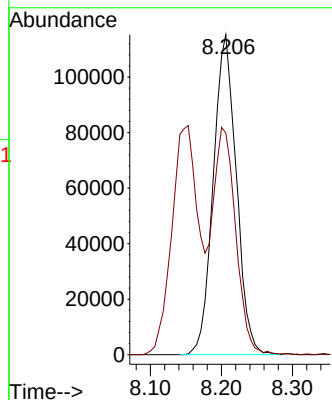
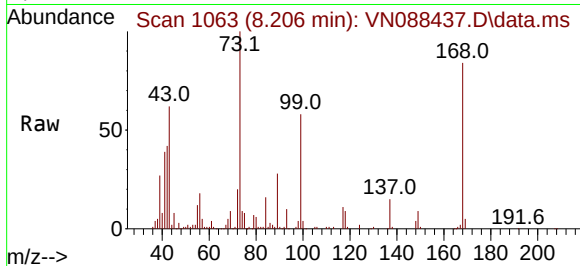




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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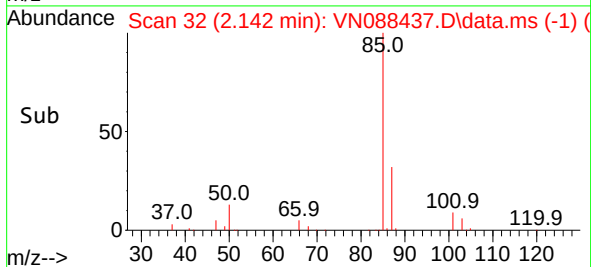
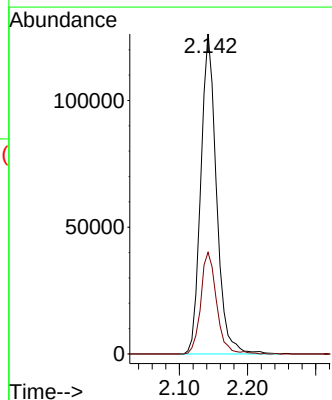
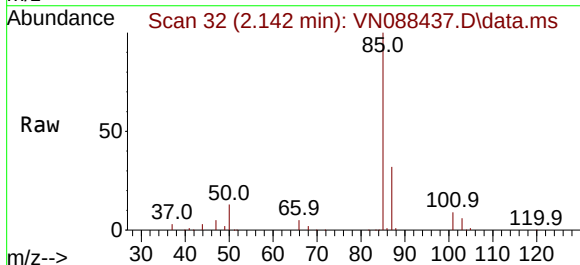
Instrument :
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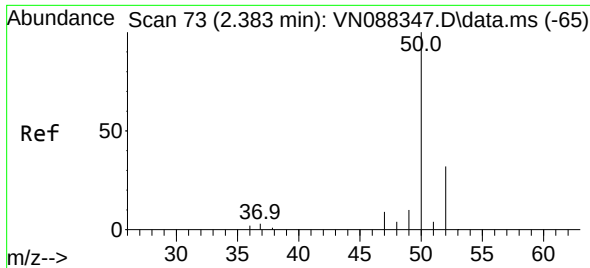
Tgt Ion:168 Resp: 259230
Ion Ratio Lower Upper
168 100
99 69.1 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 51.745 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 85 Resp: 201478
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.7

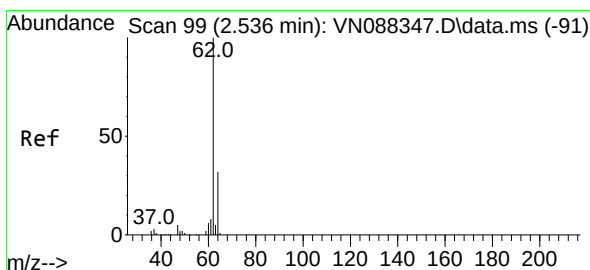
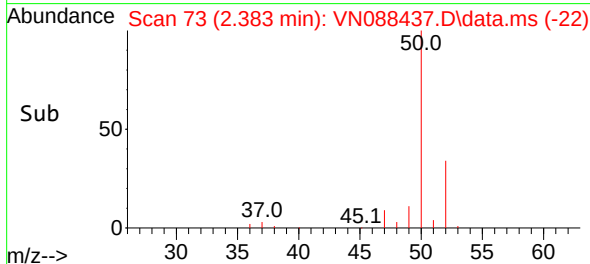
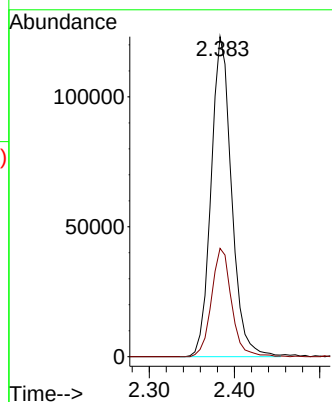
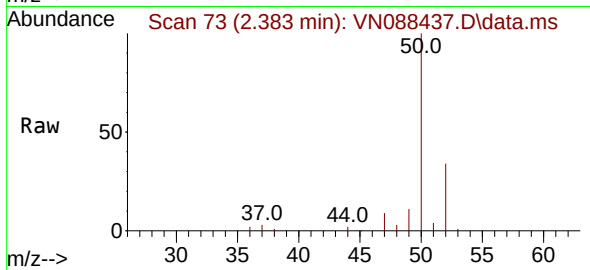




#3
Chloromethane
Concen: 49.307 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

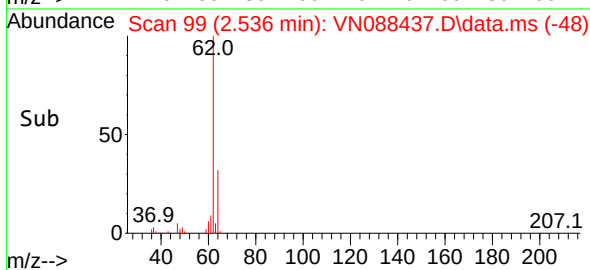
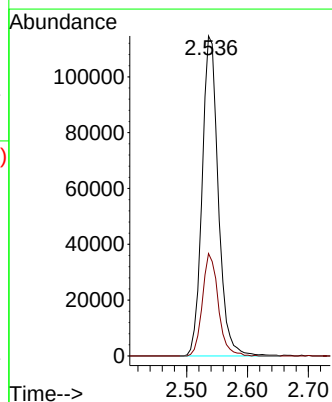
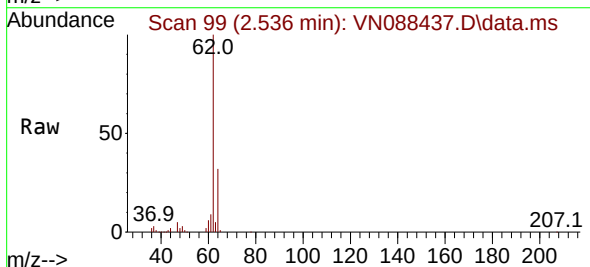
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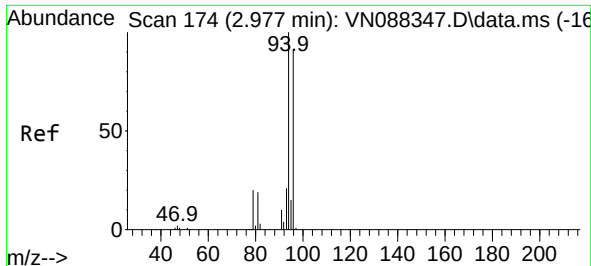
Tgt Ion: 50 Resp: 206193
Ion Ratio Lower Upper
50 100
52 33.9 25.2 37.8



#4
Vinyl Chloride
Concen: 49.784 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 62 Resp: 211796
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2

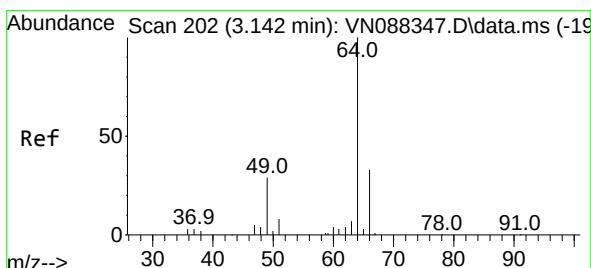
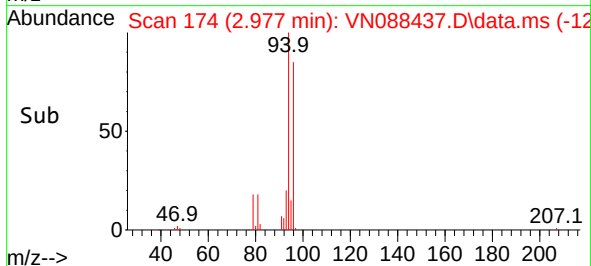
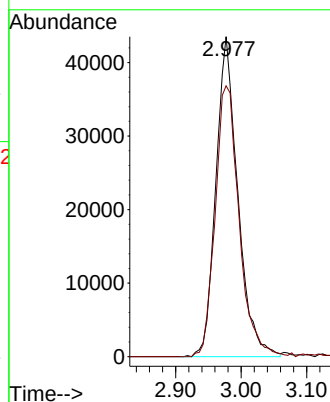
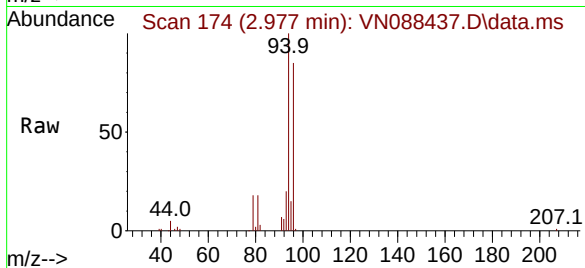




#5
Bromomethane
Concen: 49.278 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

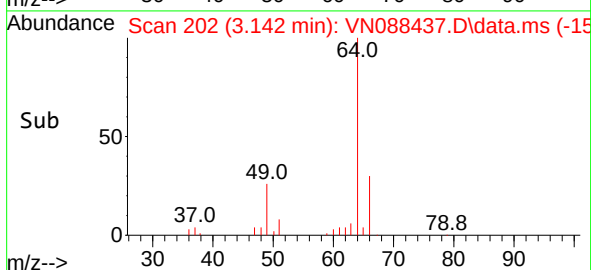
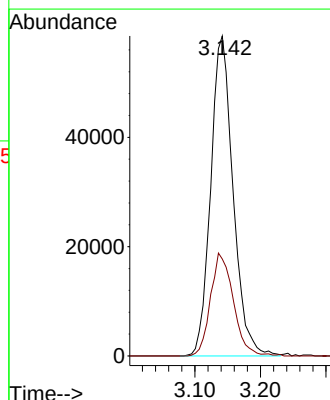
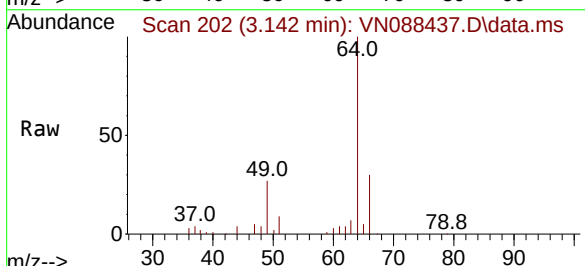
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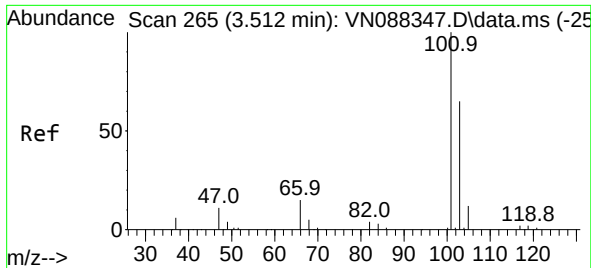
Tgt Ion: 94 Resp: 100901
Ion Ratio Lower Upper
94 100
96 84.6 73.2 109.8



#6
Chloroethane
Concen: 52.654 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 64 Resp: 138625
Ion Ratio Lower Upper
64 100
66 30.3 26.4 39.6

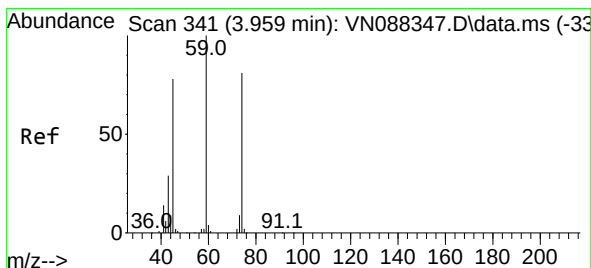
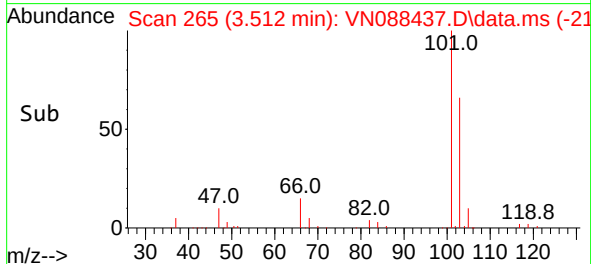
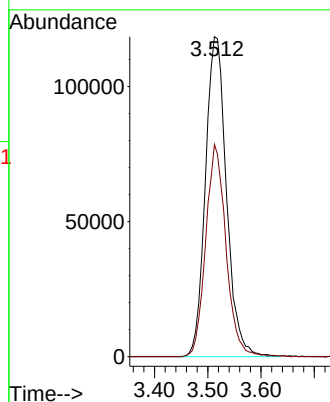
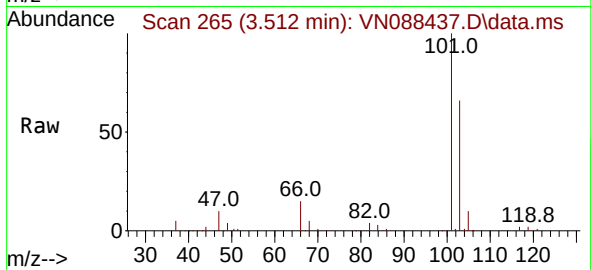




#7
 Trichlorofluoromethane
 Concen: 54.337 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

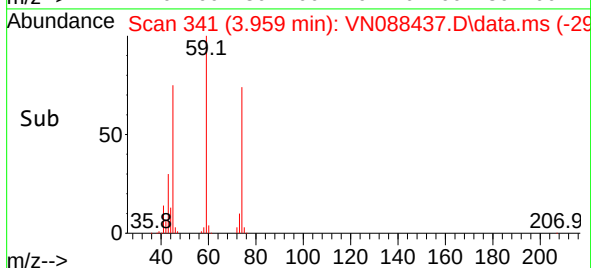
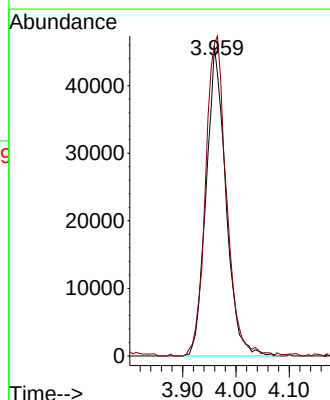
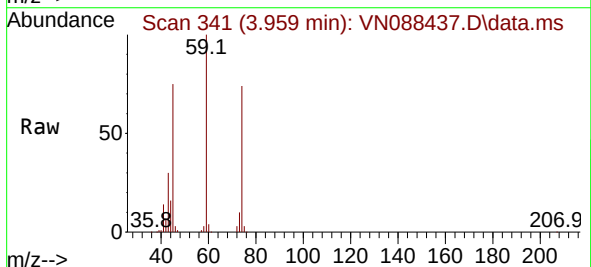
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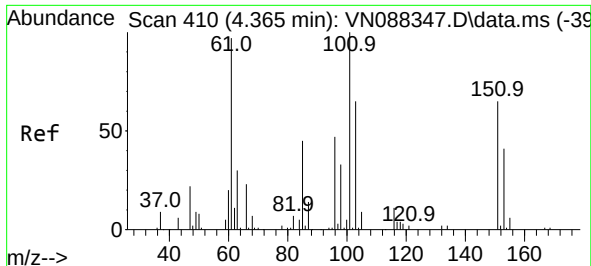
Tgt Ion:101 Resp: 324899
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 52.439 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion: 74 Resp: 117687
 Ion Ratio Lower Upper
 74 100
 45 109.3 54.2 162.6

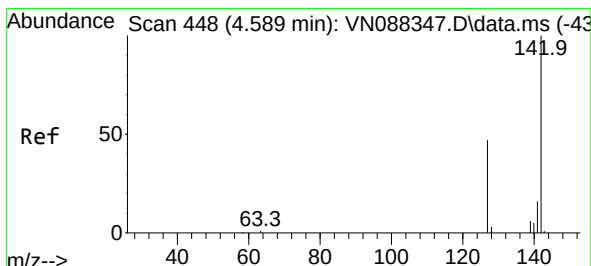
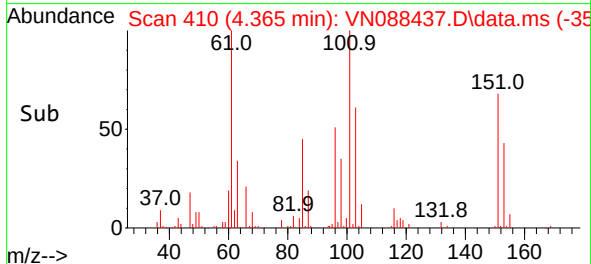
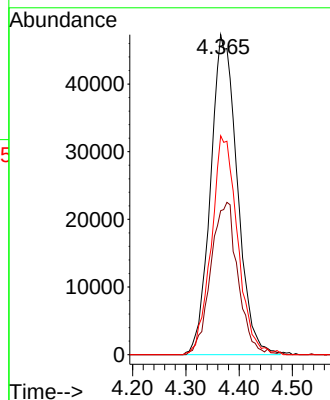
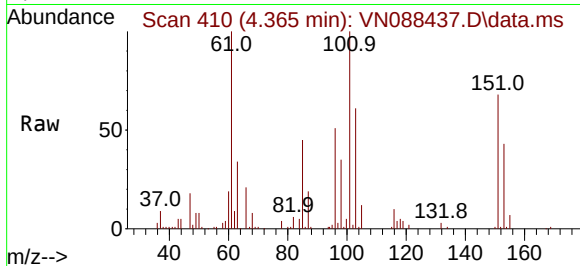




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.647 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
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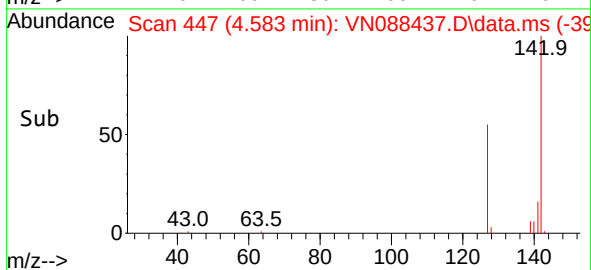
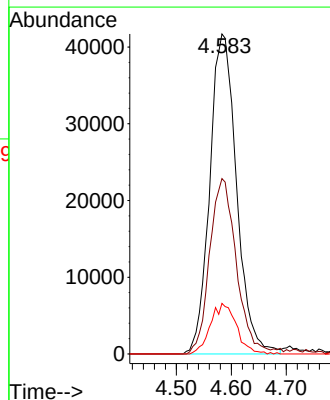
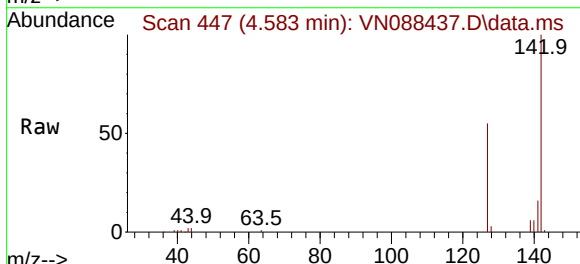
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

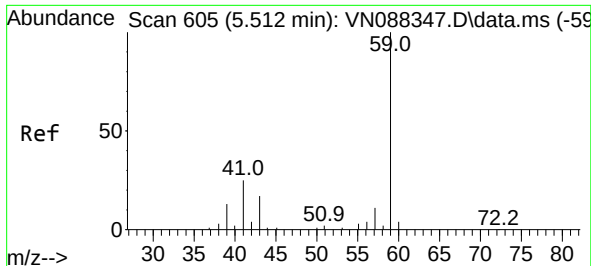
Tgt Ion:101 Resp: 164403
Ion Ratio Lower Upper
101 100
85 48.4 39.2 58.8
151 67.5 53.6 80.4



#10
Methyl Iodide
Concen: 44.878 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:142 Resp: 141417
Ion Ratio Lower Upper
142 100
127 54.8 37.9 56.9
141 15.8 12.4 18.6

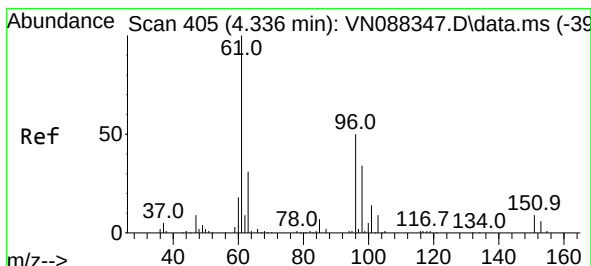
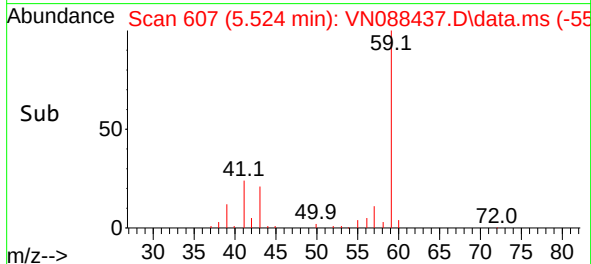
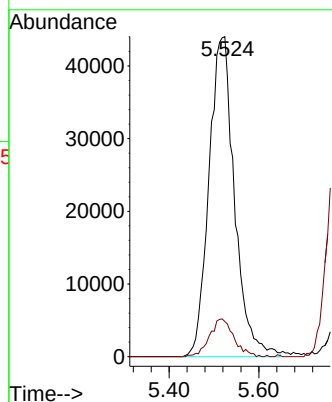
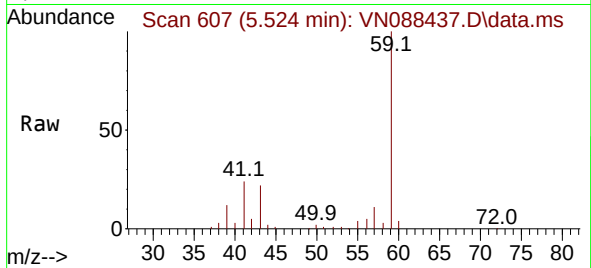




#11
Tert butyl alcohol
Concen: 223.357 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

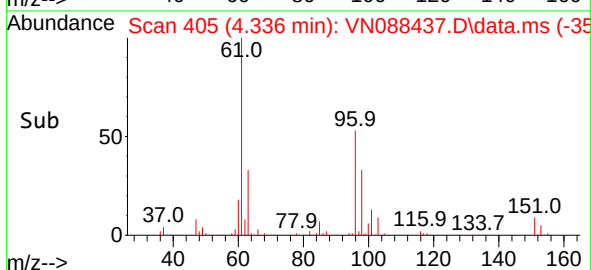
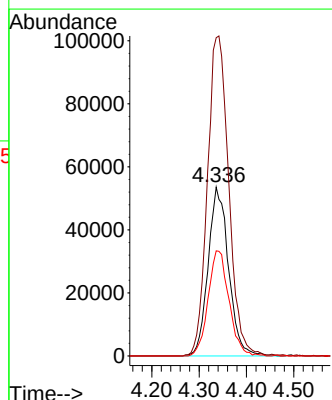
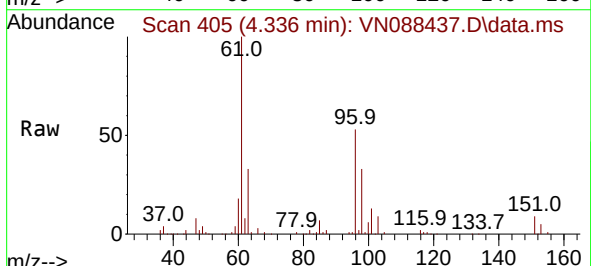
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

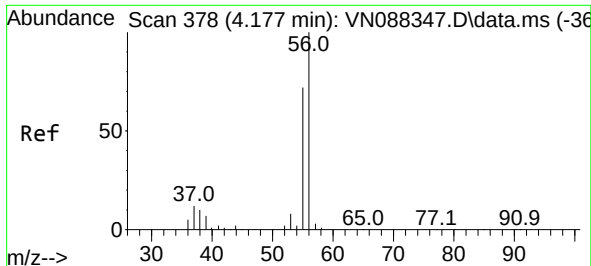
Tgt Ion: 59 Resp: 174143
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 50.738 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 96 Resp: 160467
Ion Ratio Lower Upper
96 100
61 188.6 159.1 238.7
98 62.3 53.7 80.5

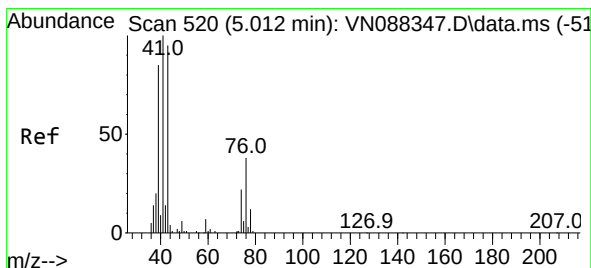
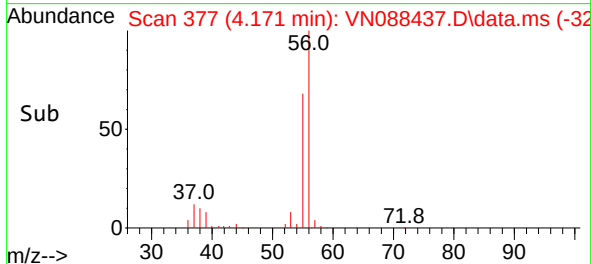
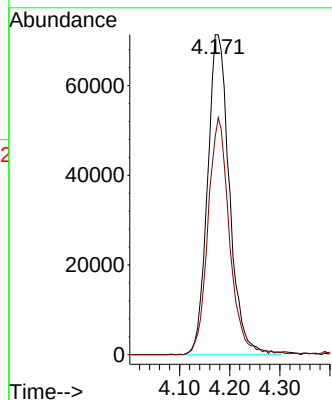
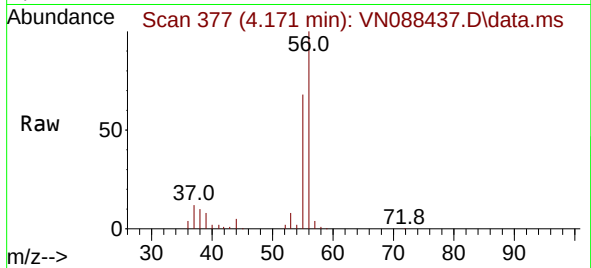




#13
Acrolein
Concen: 290.220 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

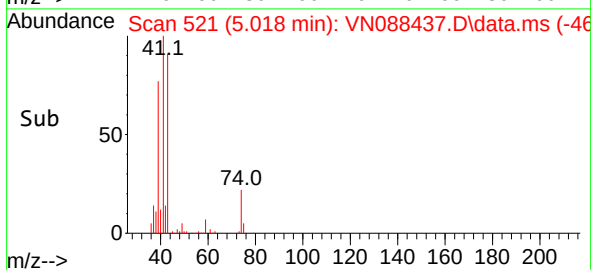
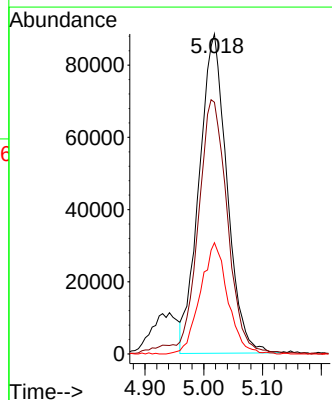
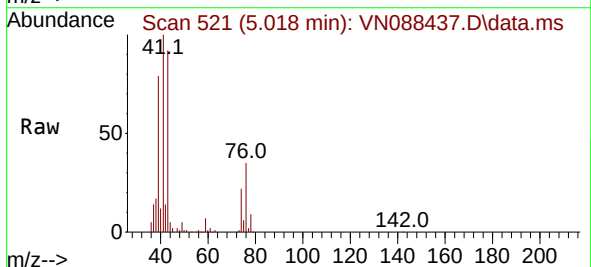
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

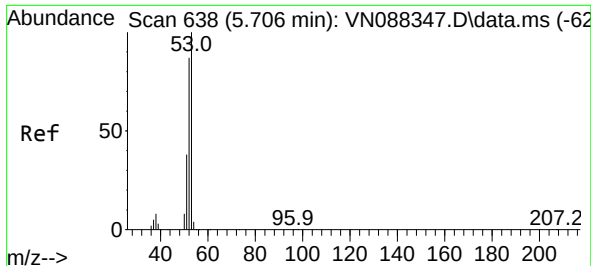
Tgt Ion: 56 Resp: 216629
Ion Ratio Lower Upper
56 100
55 72.4 56.3 84.5



#14
Allyl chloride
Concen: 49.668 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 41 Resp: 291153
Ion Ratio Lower Upper
41 100
39 85.0 64.7 97.1
76 34.4 29.1 43.7

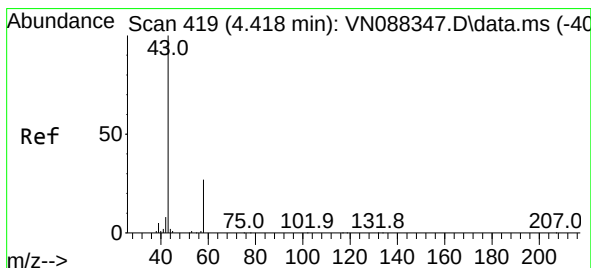
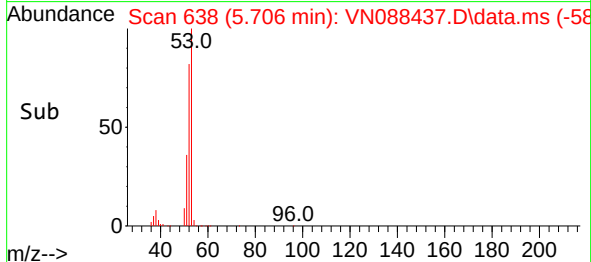
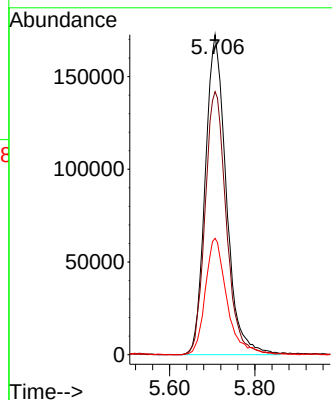
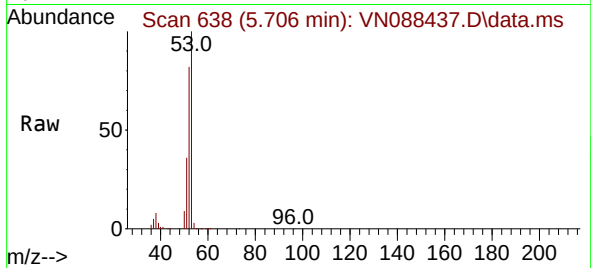




#15
Acrylonitrile
Concen: 262.341 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

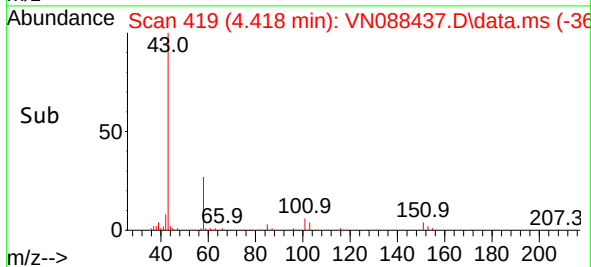
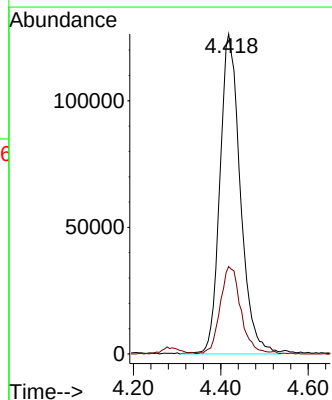
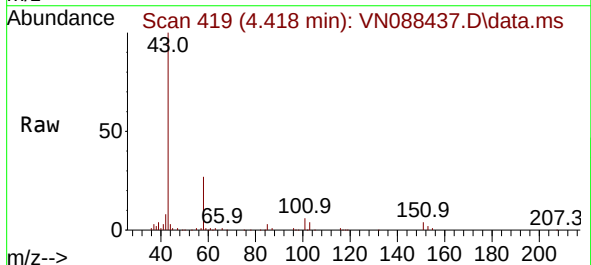
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

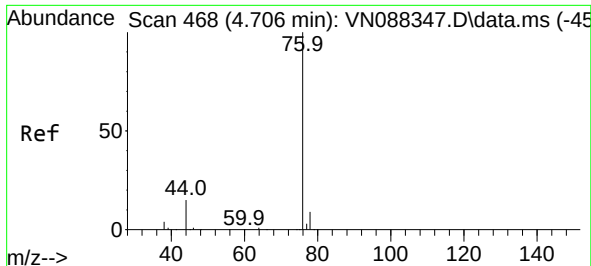
Tgt Ion: 53 Resp: 590127
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 37.4 29.8 44.8



#16
Acetone
Concen: 231.533 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 43 Resp: 408907
Ion Ratio Lower Upper
43 100
58 27.2 21.7 32.5

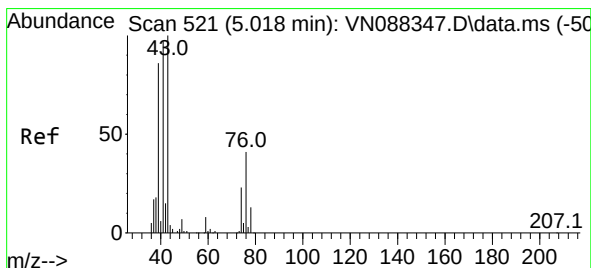
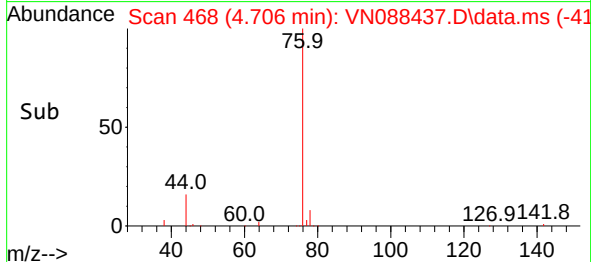
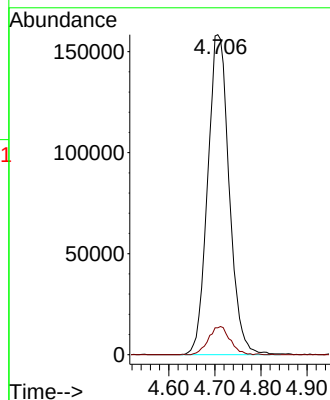
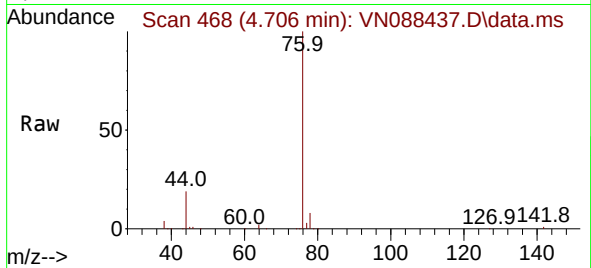




#17
Carbon Disulfide
Concen: 49.724 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

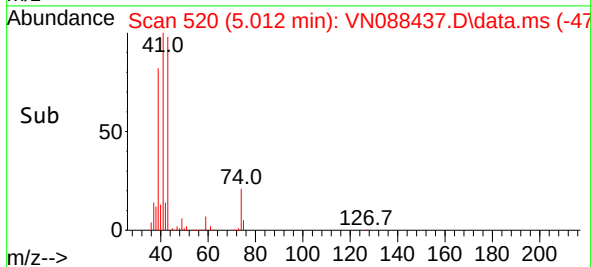
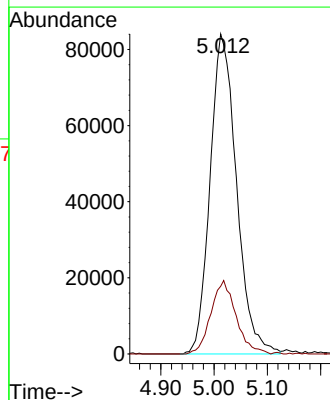
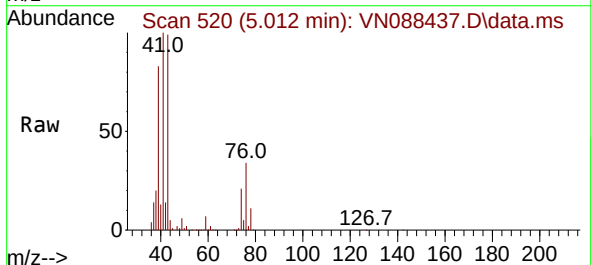
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

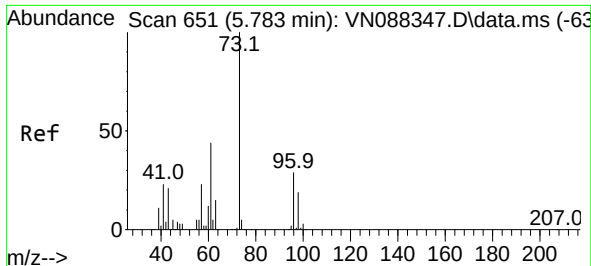
Tgt Ion: 76 Resp: 513890
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 55.051 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 43 Resp: 289409
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9

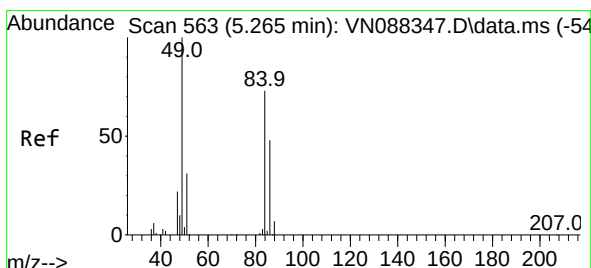
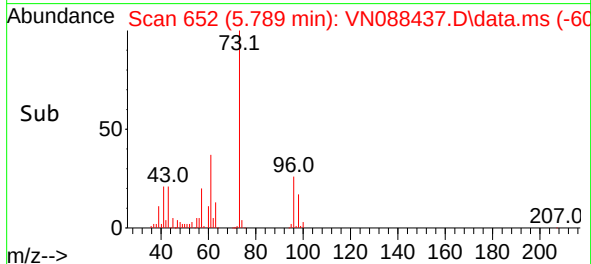
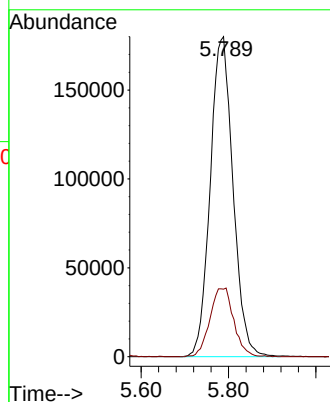
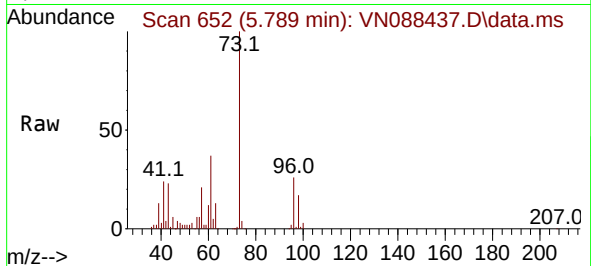




#19
Methyl tert-butyl Ether
Concen: 54.892 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

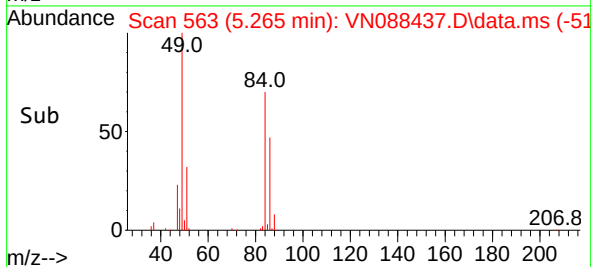
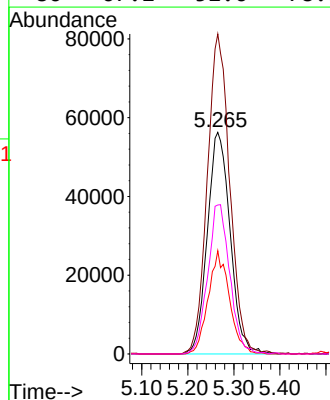
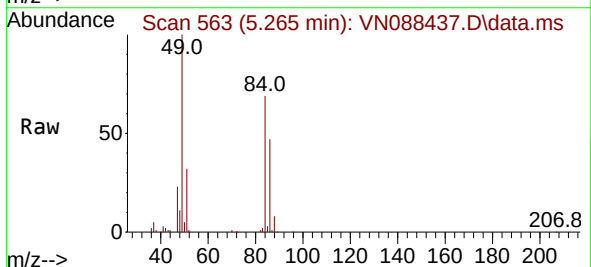
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

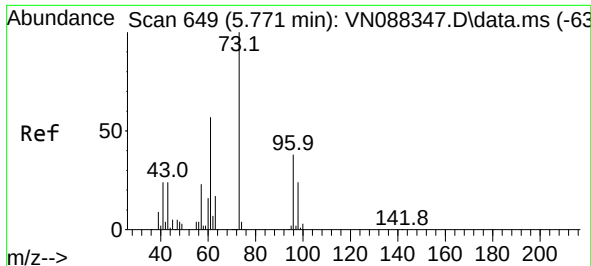
Tgt Ion: 73 Resp: 650434
Ion Ratio Lower Upper
73 100
57 21.1 18.6 28.0



#20
Methylene Chloride
Concen: 51.250 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 84 Resp: 193652
Ion Ratio Lower Upper
84 100
49 144.4 110.2 165.2
51 46.5 34.1 51.1
86 67.2 52.6 78.8

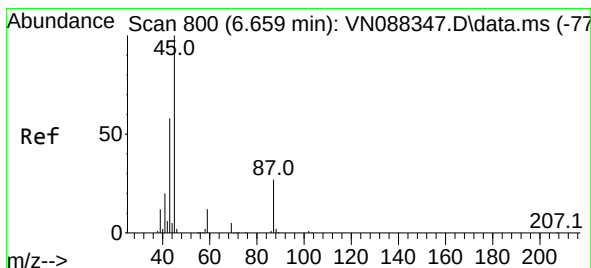
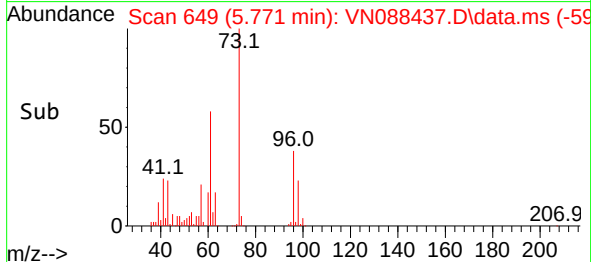
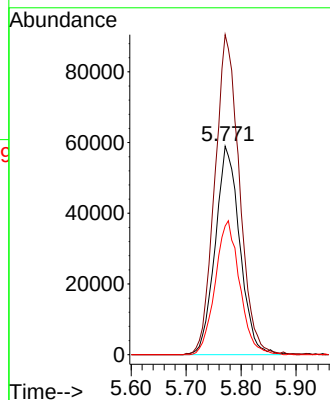
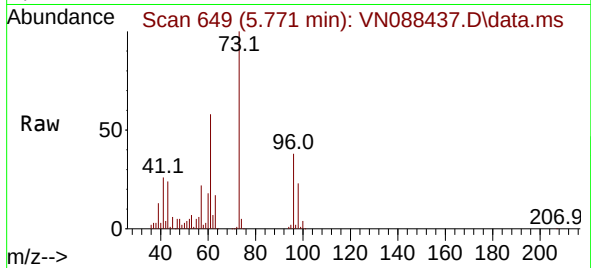




#21
trans-1,2-Dichloroethene
Concen: 52.153 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

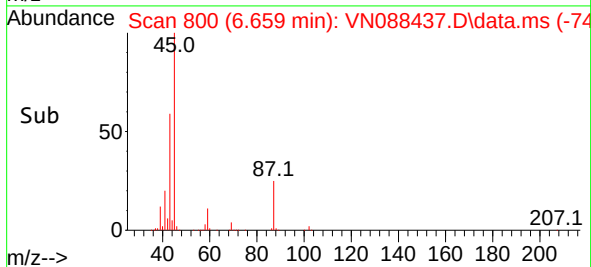
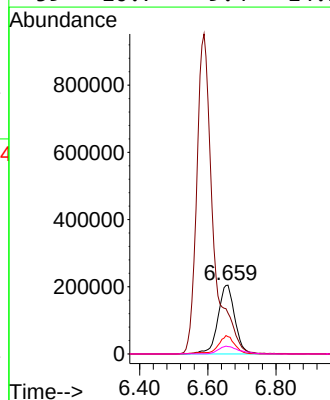
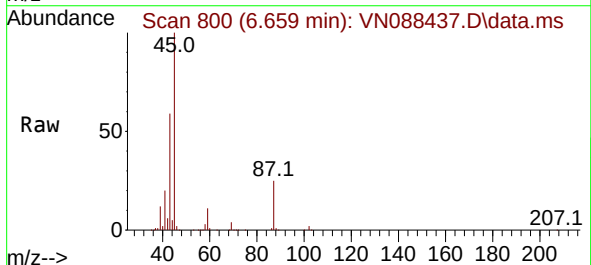
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

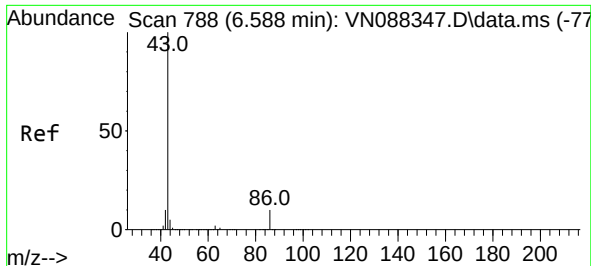
Tgt Ion: 96 Resp: 182717
Ion Ratio Lower Upper
96 100
61 153.5 122.4 183.6
98 61.7 50.9 76.3



#22
Diisopropyl ether
Concen: 55.934 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 45 Resp: 700009
Ion Ratio Lower Upper
45 100
43 59.0 47.4 71.2
87 25.0 21.9 32.9
59 10.7 9.4 14.2

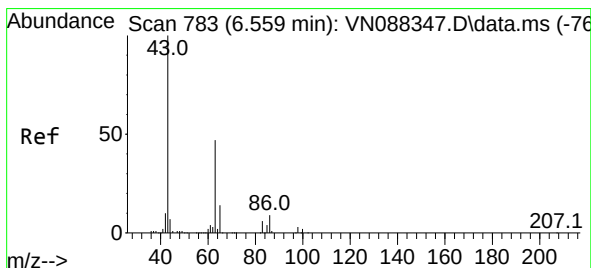
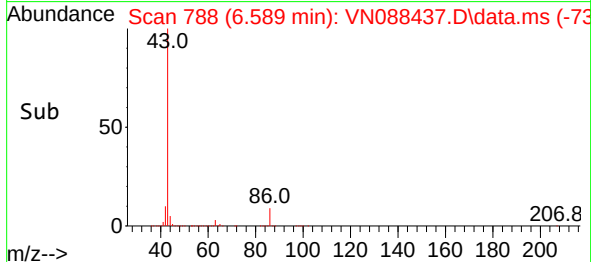
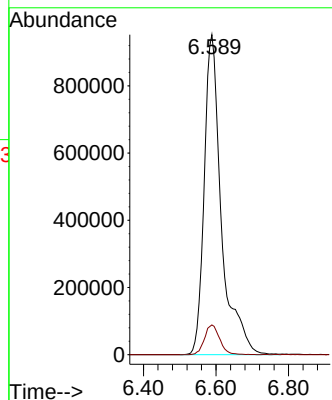
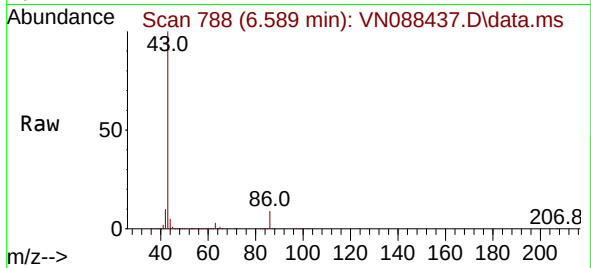




#23
 Vinyl Acetate
 Concen: 311.072 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

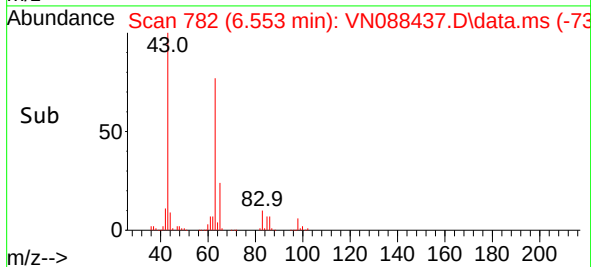
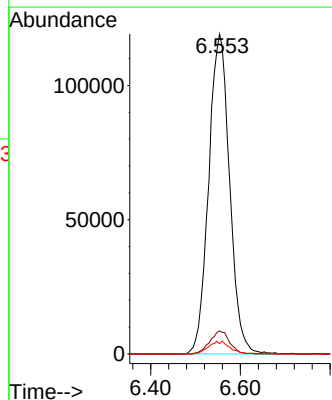
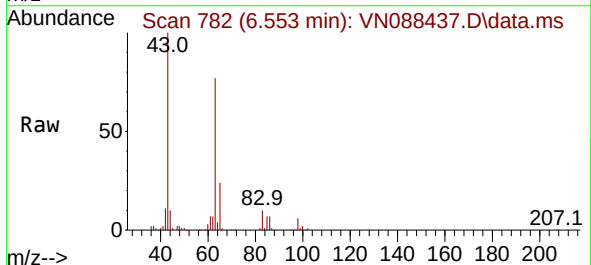
Instrument :
 MSVOA_N
 ClientSampleId :
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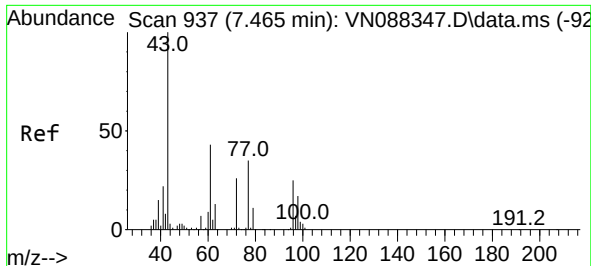
Tgt Ion: 43 Resp: 3136556
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.378 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion: 63 Resp: 385388
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 3.2 1.9 5.7

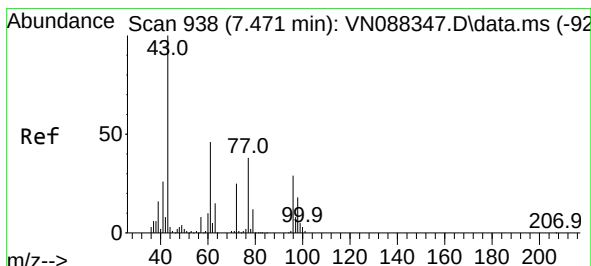
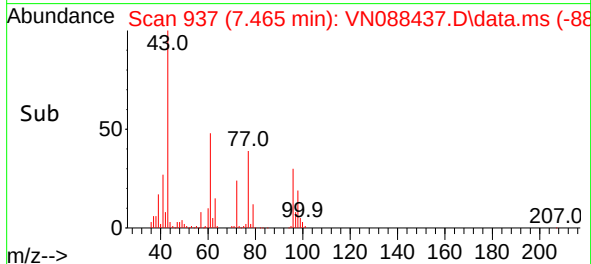
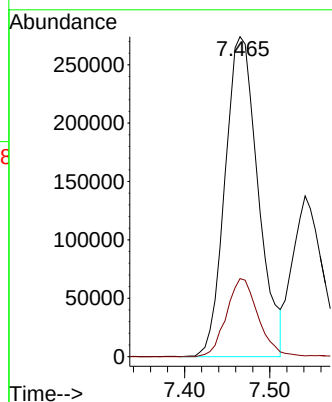
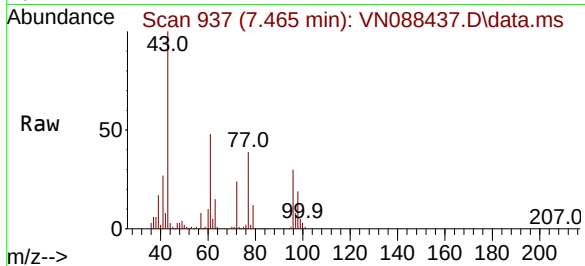




#25
2-Butanone
Concen: 260.572 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

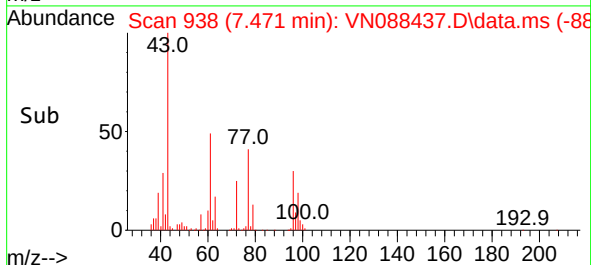
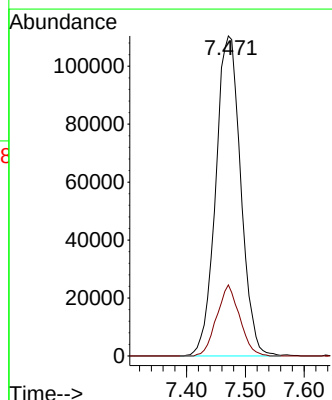
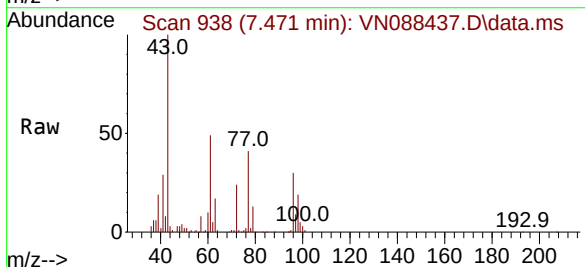
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

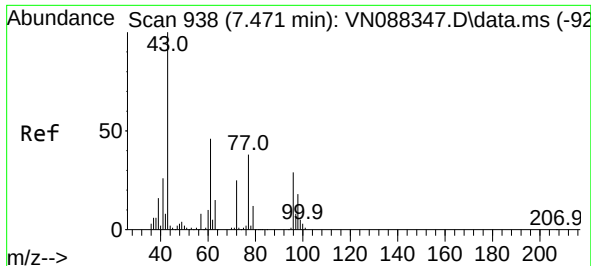
Tgt Ion: 43 Resp: 739812
Ion Ratio Lower Upper
43 100
72 24.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 53.386 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 77 Resp: 326583
Ion Ratio Lower Upper
77 100
97 20.3 10.3 30.9

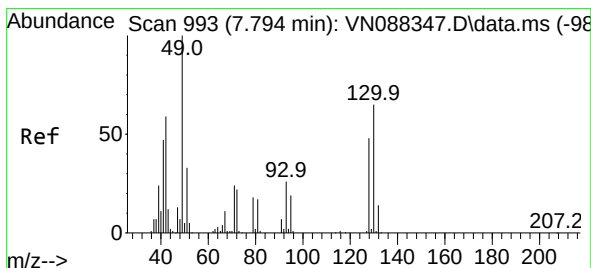
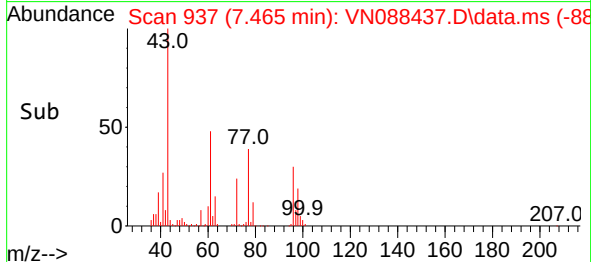
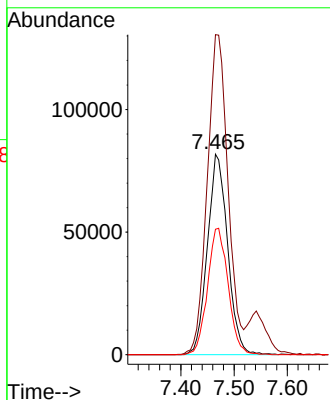
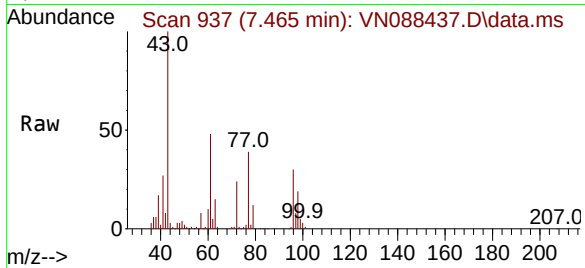




#27
 cis-1,2-Dichloroethene
 Concen: 52.983 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

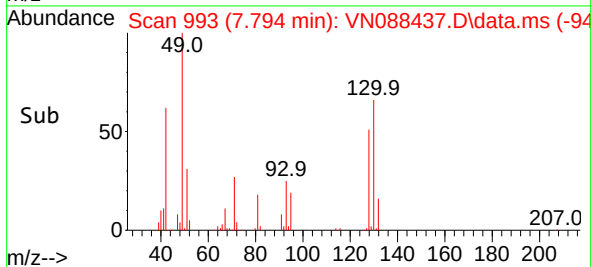
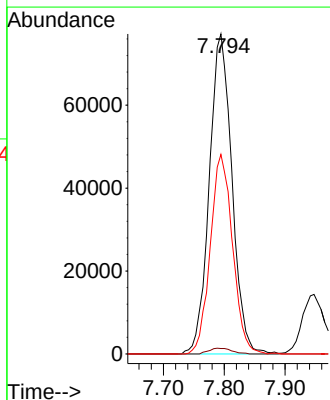
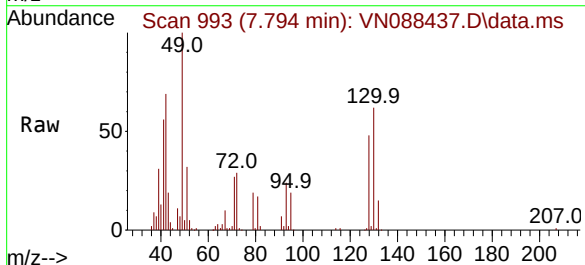
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

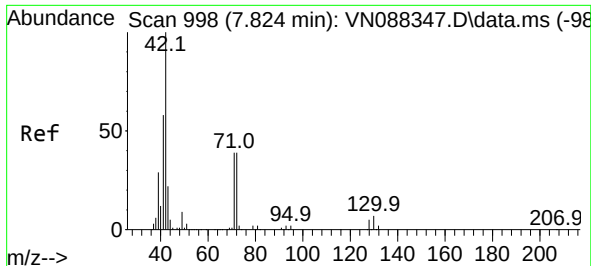
Tgt Ion: 96 Resp: 215724
 Ion Ratio Lower Upper
 96 100
 61 163.8 0.0 323.6
 98 64.4 0.0 127.2



#28
 Bromochloromethane
 Concen: 56.516 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion: 49 Resp: 199532
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 61.3 51.1 76.7





#29

Tetrahydrofuran

Concen: 276.329 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

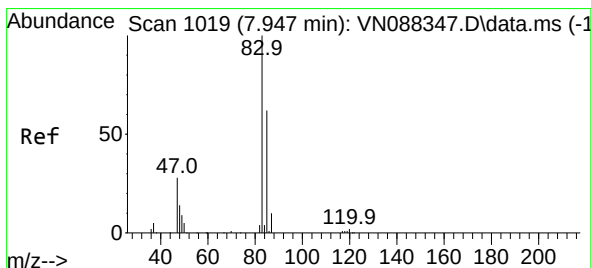
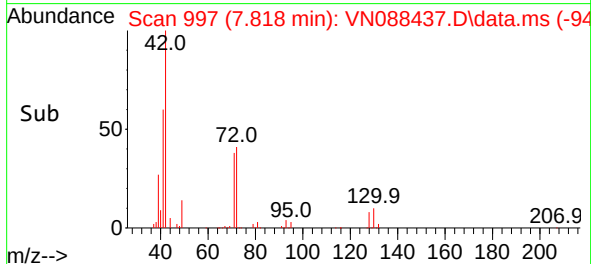
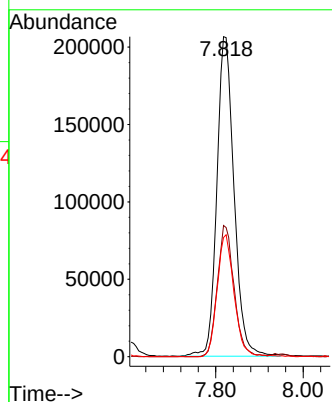
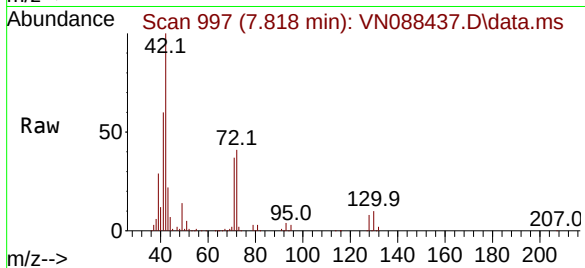
Tgt Ion: 42 Resp: 562734

Ion Ratio Lower Upper

42 100

72 40.1 32.2 48.4

71 37.7 31.1 46.7



#30

Chloroform

Concen: 56.375 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088437.D

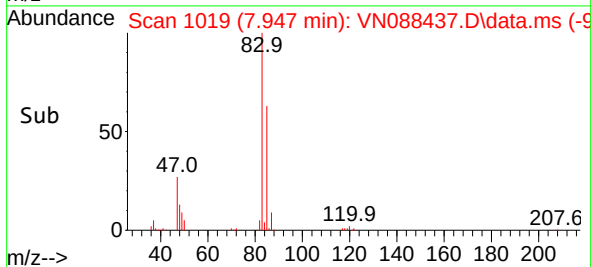
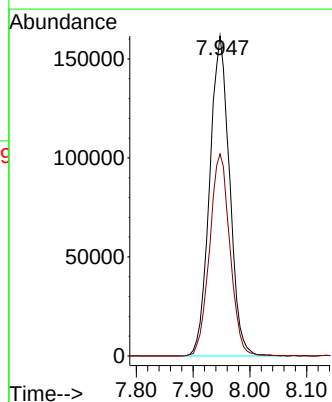
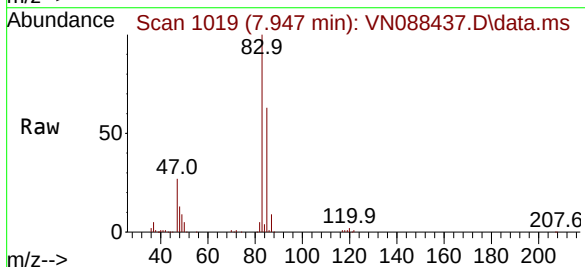
Acq: 04 Dec 2025 11:44

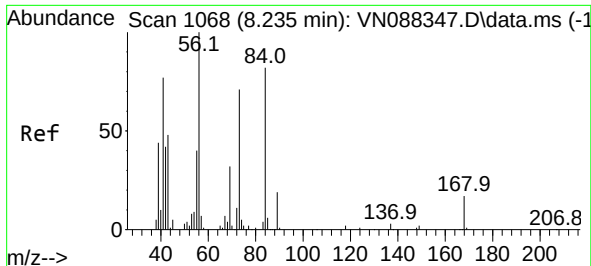
Tgt Ion: 83 Resp: 392592

Ion Ratio Lower Upper

83 100

85 63.1 49.8 74.8

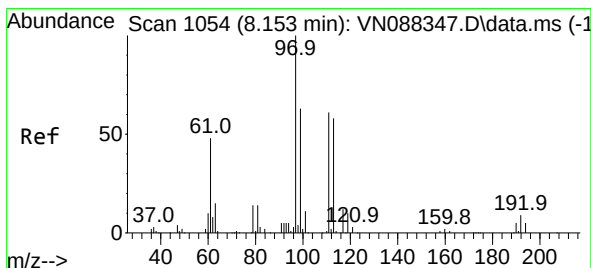
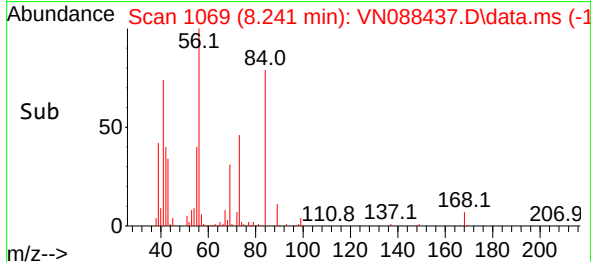
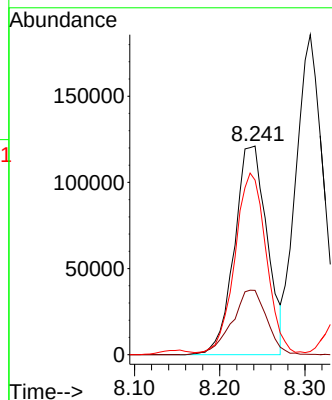
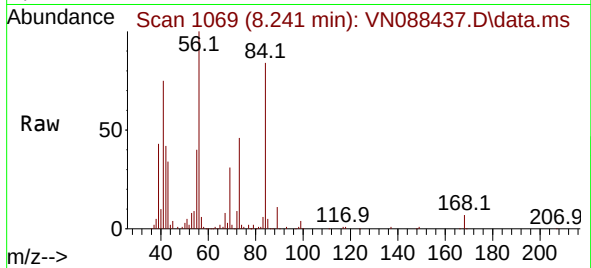




#31
Cyclohexane
Concen: 50.228 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

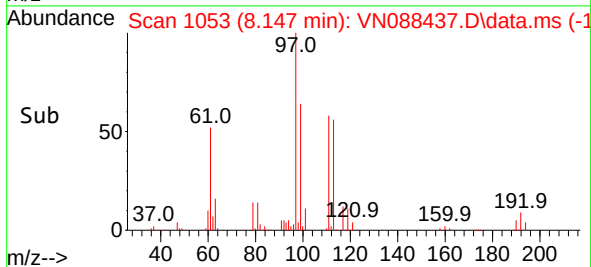
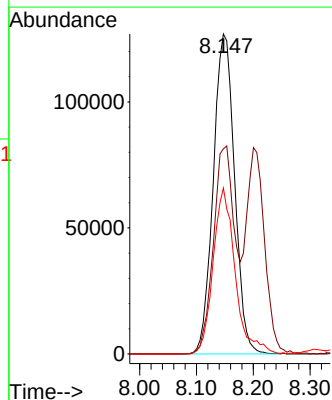
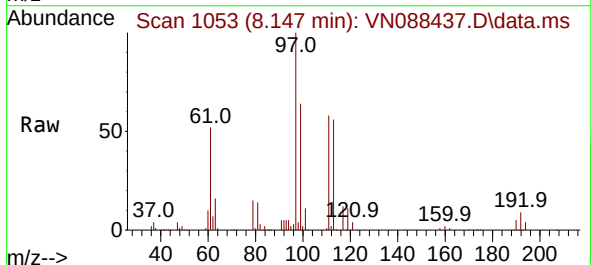
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

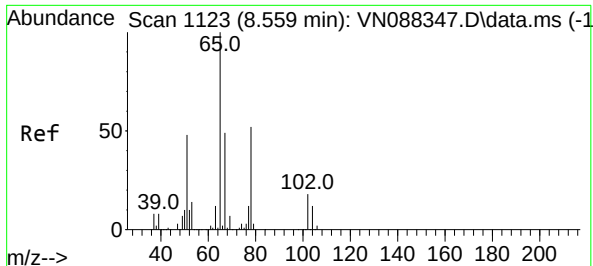
Tgt Ion: 56 Resp: 322585
Ion Ratio Lower Upper
56 100
69 30.8 25.3 37.9
84 81.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 54.066 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 97 Resp: 331052
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 53.6 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 55.256 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

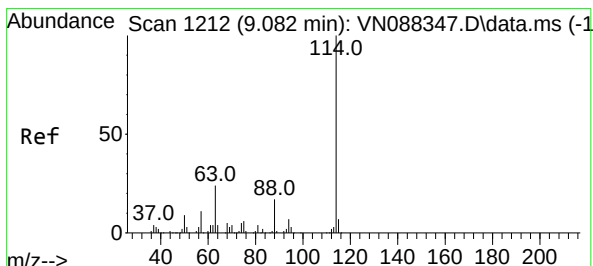
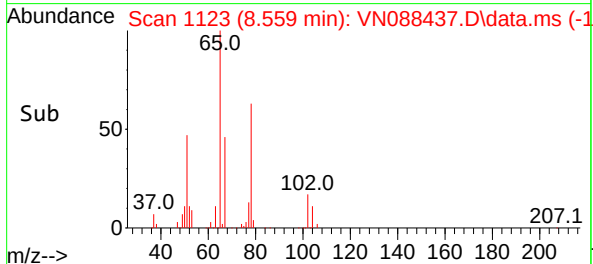
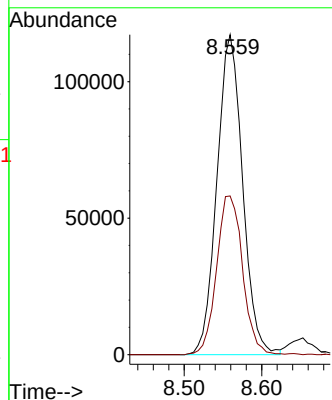
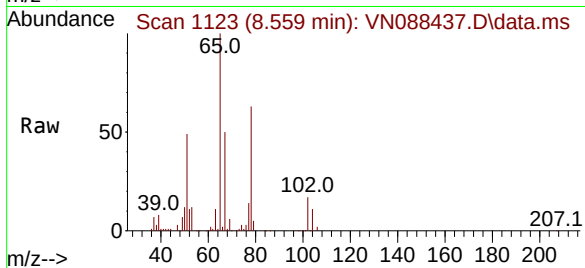
VSTDCCC050

Tgt Ion: 65 Resp: 269836

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

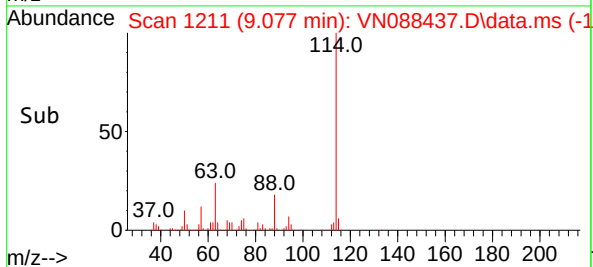
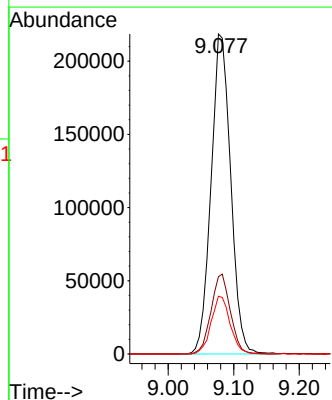
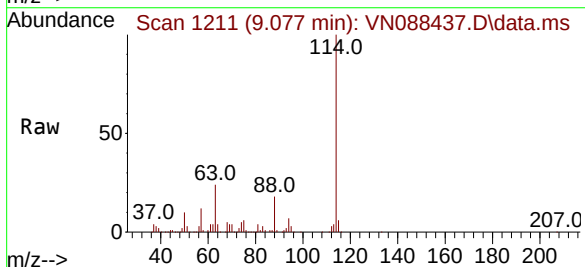
Tgt Ion:114 Resp: 454552

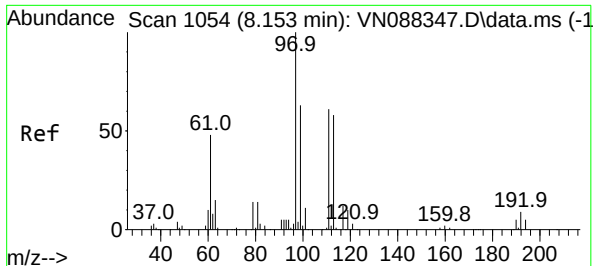
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.0

88 18.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 57.206 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

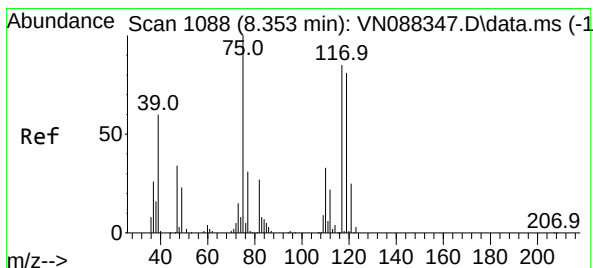
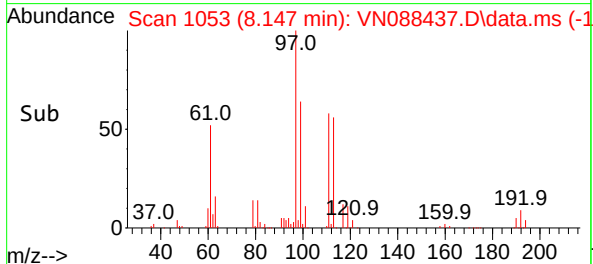
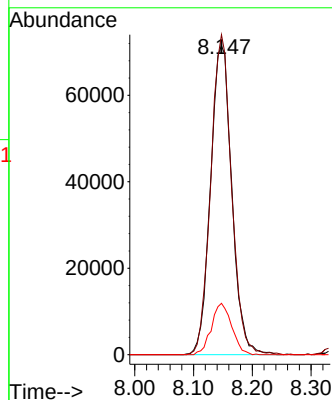
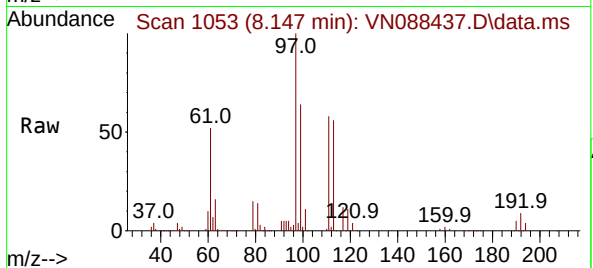
Tgt Ion:113 Resp: 180201

Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 15.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 53.897 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

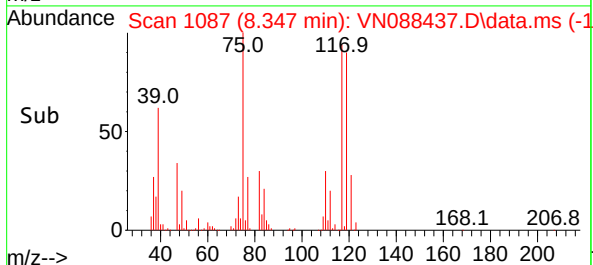
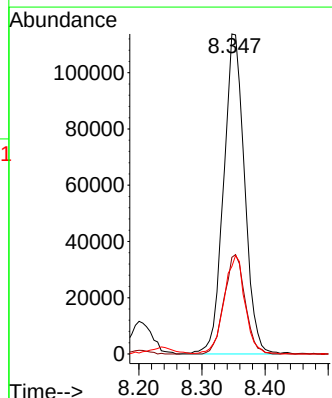
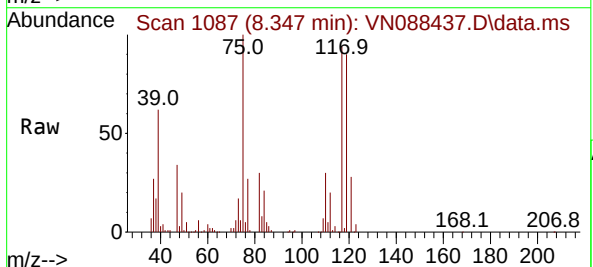
Tgt Ion: 75 Resp: 262020

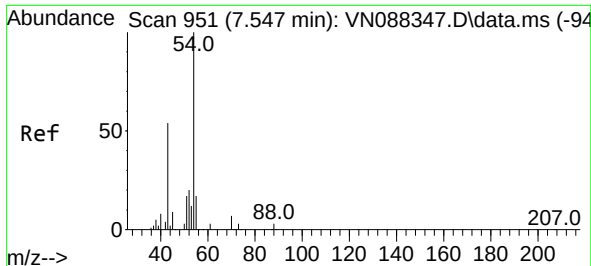
Ion Ratio Lower Upper

75 100

110 31.1 15.8 47.4

77 30.7 24.2 36.2

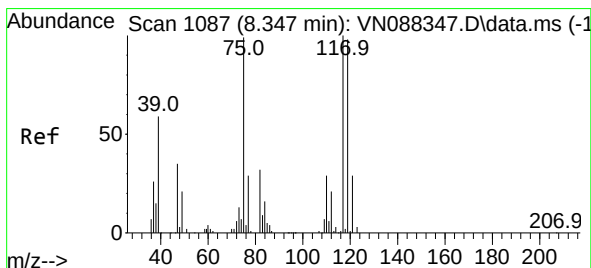
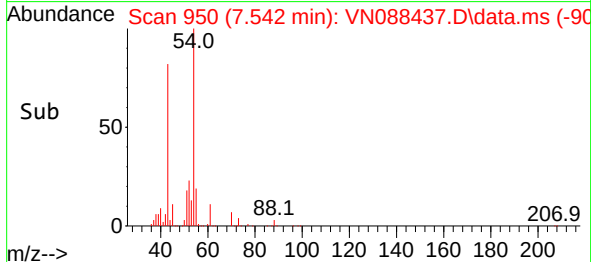
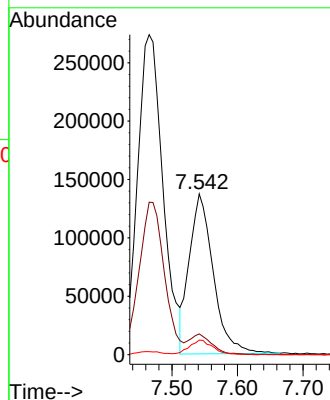
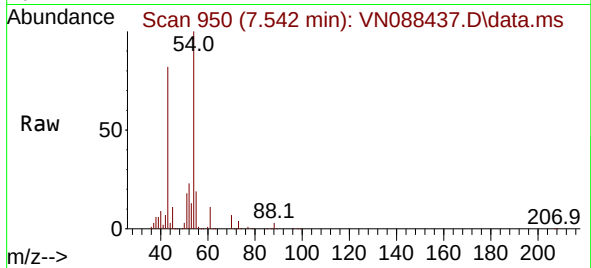




#37
Ethyl Acetate
Concen: 54.547 ug/l
RT: 7.542 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

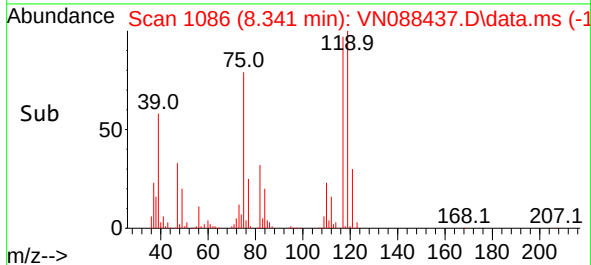
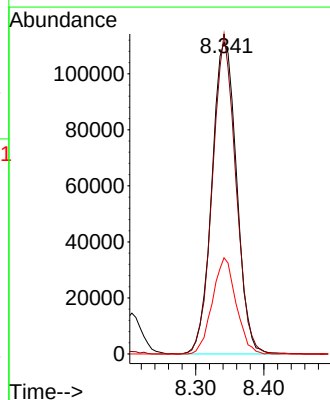
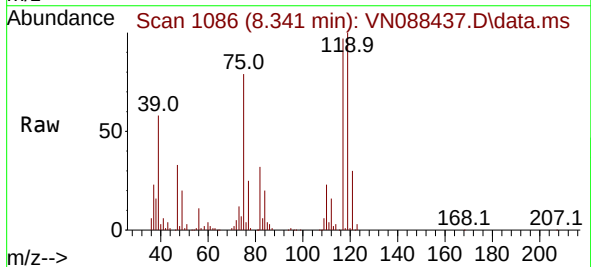
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

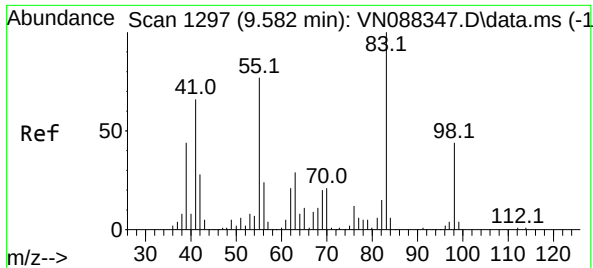
Tgt Ion: 43 Resp: 348681
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 58.038 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 117 Resp: 280878
Ion Ratio Lower Upper
117 100
119 102.7 78.2 117.4
121 30.9 23.4 35.2

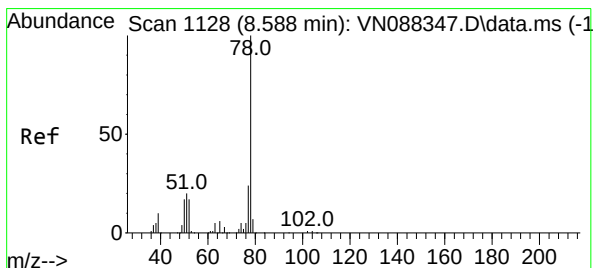
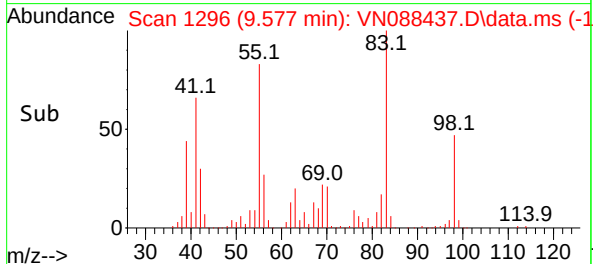
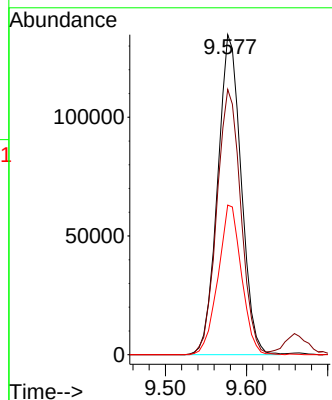
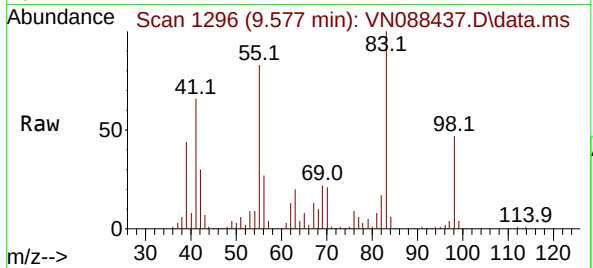




#39
Methylcyclohexane
Concen: 52.341 ug/l
RT: 9.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

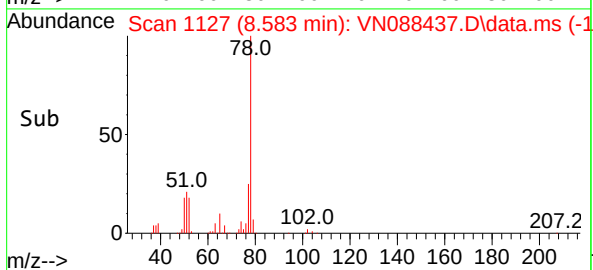
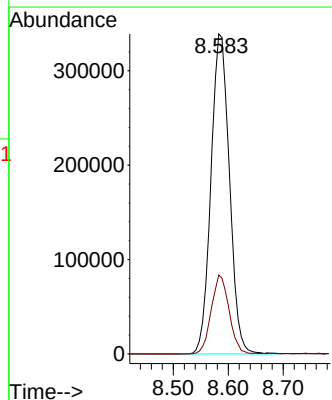
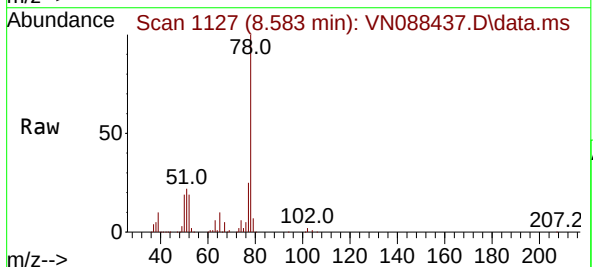
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

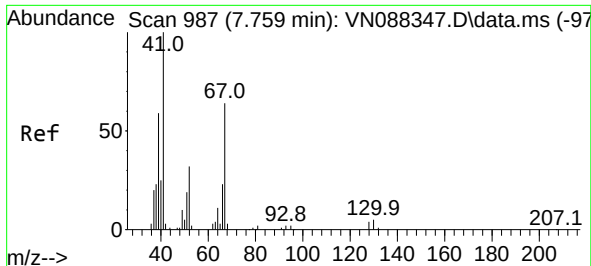
Tgt Ion: 83 Resp: 272178
Ion Ratio Lower Upper
83 100
55 82.9 61.6 92.4
98 46.7 35.3 52.9



#40
Benzene
Concen: 55.531 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 78 Resp: 792340
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4



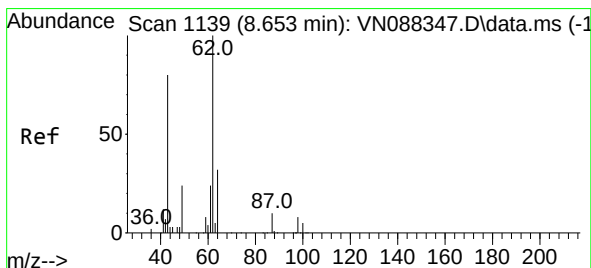
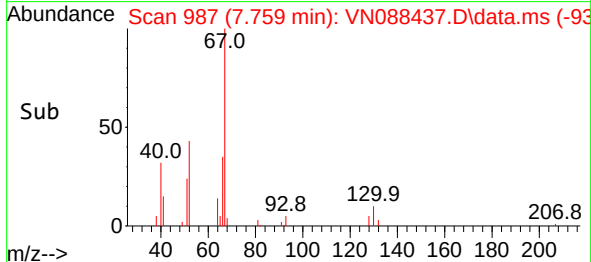
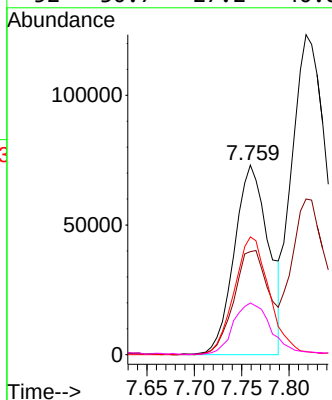
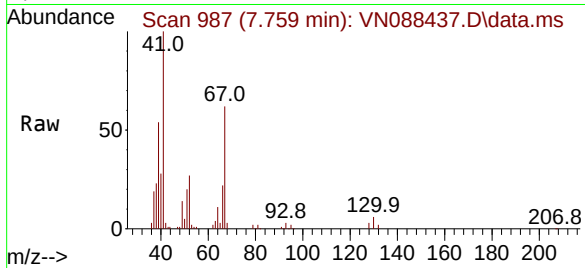


#41
Methacrylonitrile
Concen: 58.376 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 184821

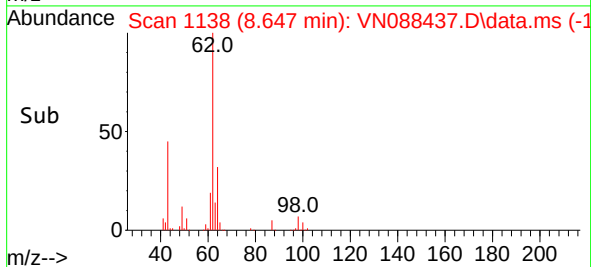
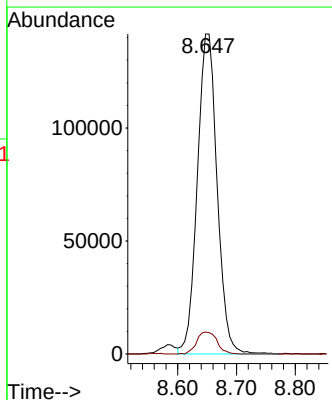
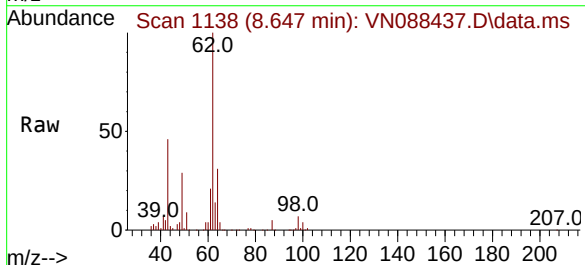
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.3	69.5
67	63.8	54.7	82.1
52	30.7	27.2	40.8

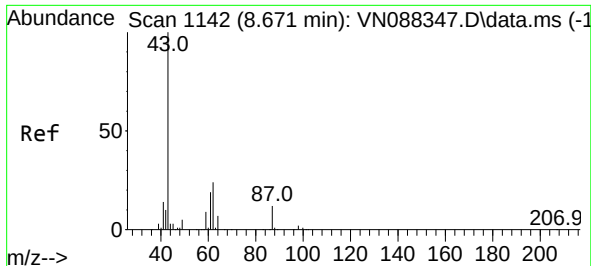


#42
1,2-Dichloroethane
Concen: 60.904 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 62 Resp: 331550

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	16.2

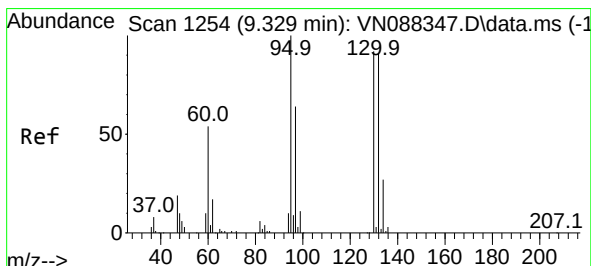
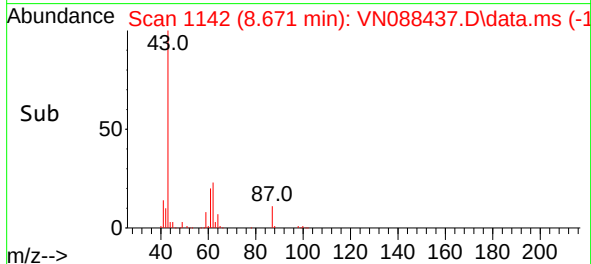
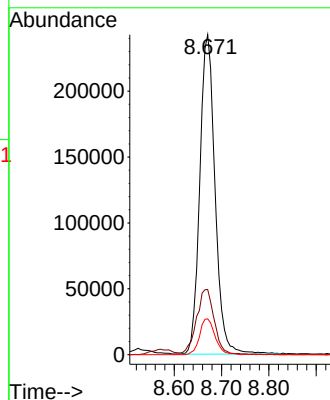
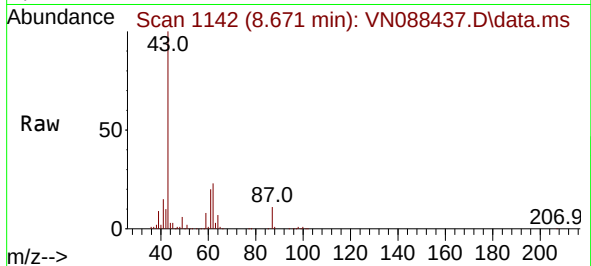




#43
Isopropyl Acetate
Concen: 55.581 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

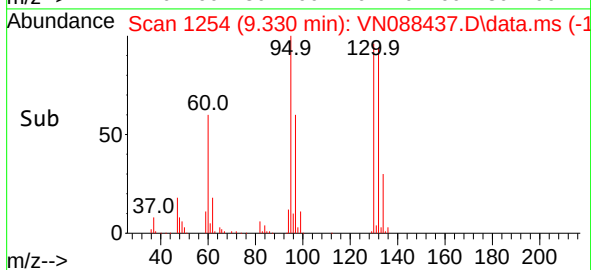
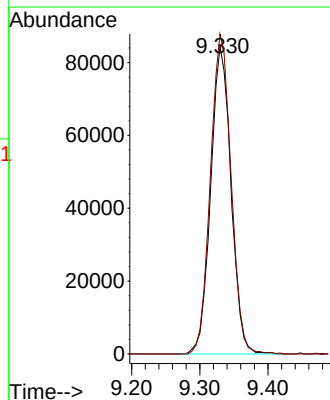
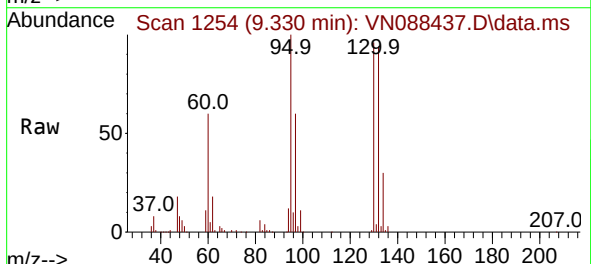
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

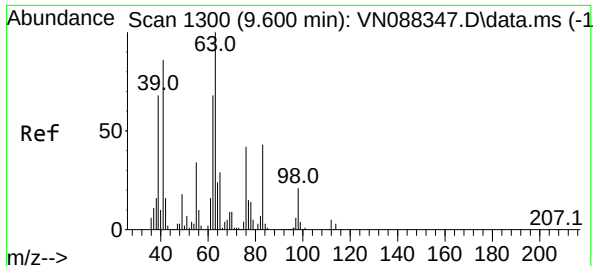
Tgt Ion: 43 Resp: 542837
Ion Ratio Lower Upper
43 100
61 23.7 18.7 28.1
87 11.3 9.1 13.7



#44
Trichloroethene
Concen: 51.846 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:130 Resp: 174795
Ion Ratio Lower Upper
130 100
95 104.2 0.0 217.0

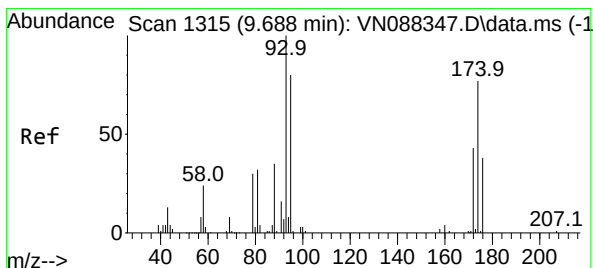
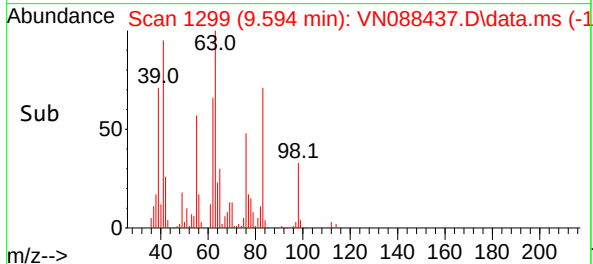
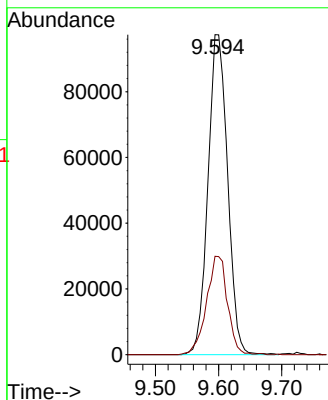
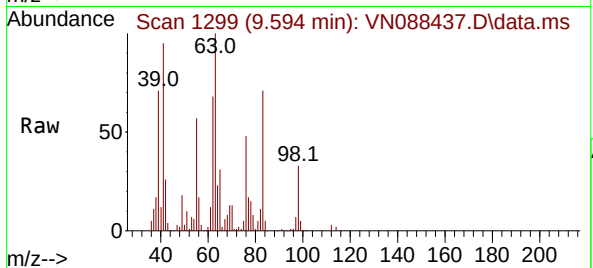




#45
1,2-Dichloropropane
Concen: 57.477 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

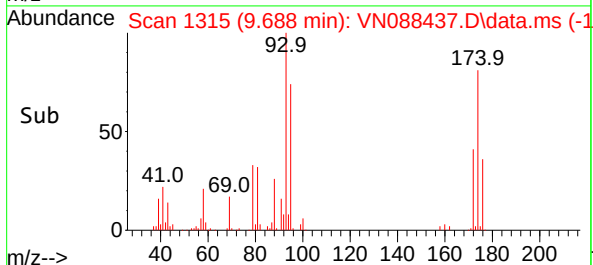
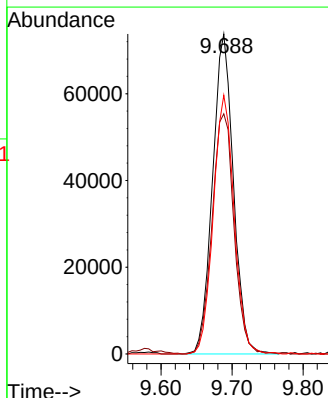
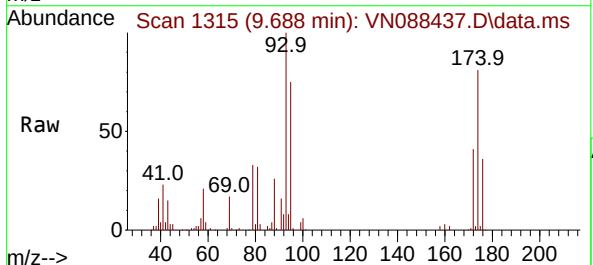
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

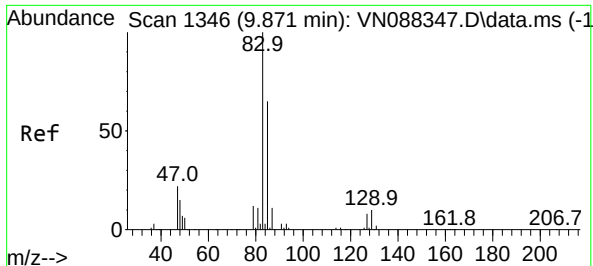
Tgt Ion: 63 Resp: 210122
Ion Ratio Lower Upper
63 100
65 30.8 23.0 34.4



#46
Dibromomethane
Concen: 57.541 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 93 Resp: 150122
Ion Ratio Lower Upper
93 100
95 79.3 65.8 98.6
174 81.0 64.3 96.5





#47

Bromodichloromethane

Concen: 57.749 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

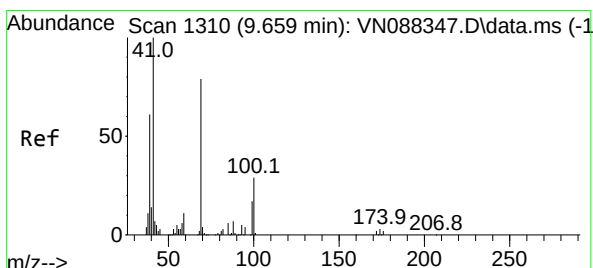
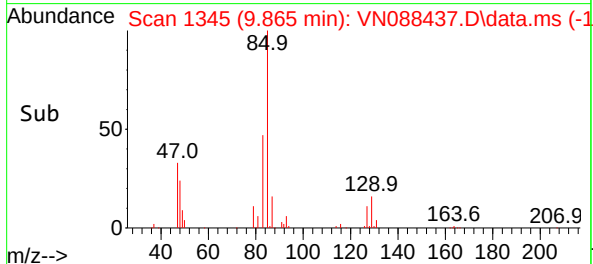
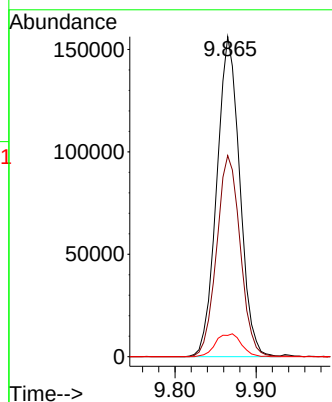
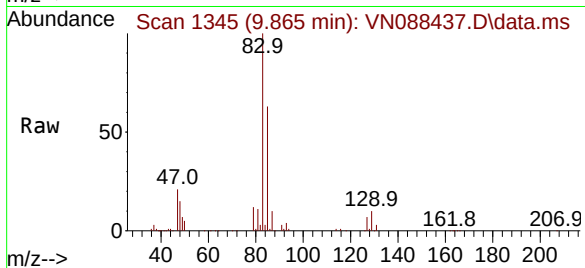
Tgt Ion: 83 Resp: 307416

Ion Ratio Lower Upper

83 100

85 62.8 51.9 77.9

127 6.7 6.3 9.5



#48

Methyl methacrylate

Concen: 58.800 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

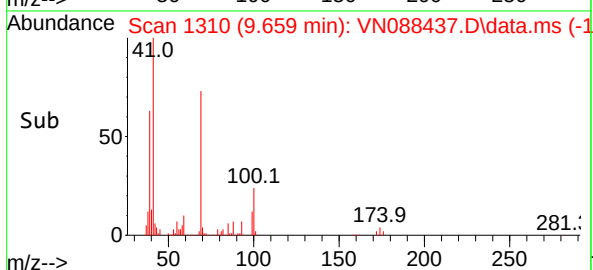
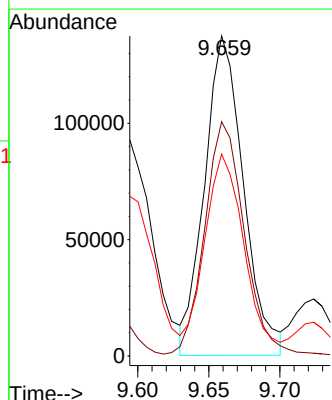
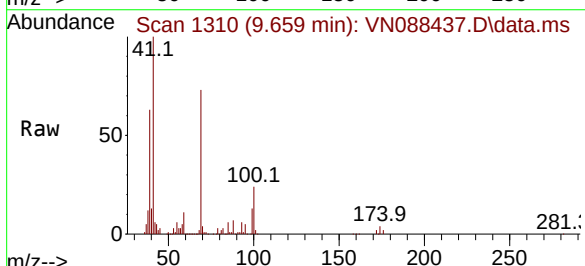
Tgt Ion: 41 Resp: 262024

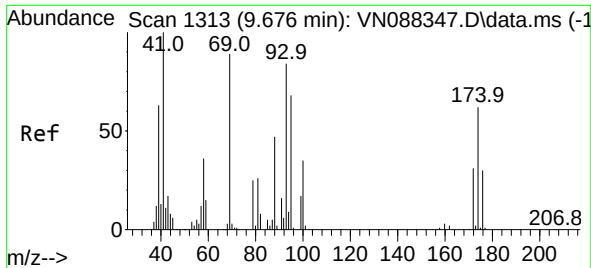
Ion Ratio Lower Upper

41 100

69 74.4 62.4 93.6

39 64.1 52.6 79.0





#49

1,4-Dioxane

Concen: 1034.918 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

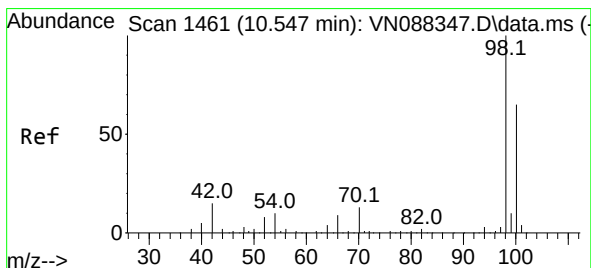
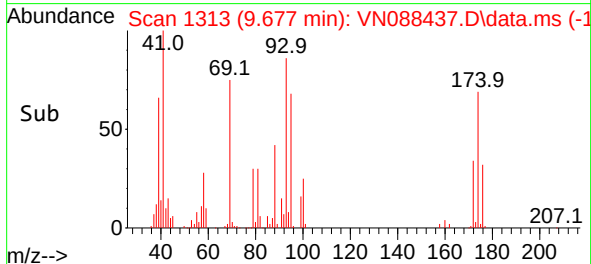
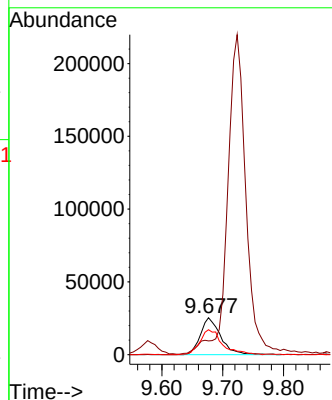
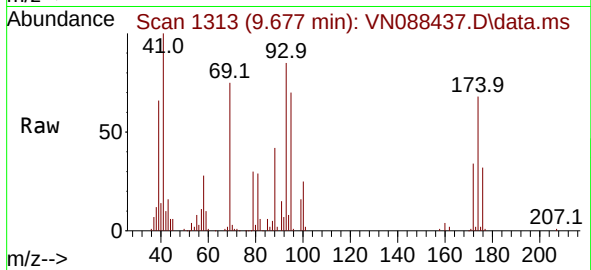
Tgt Ion: 88 Resp: 58650

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.9 62.0 93.0



#50

Toluene-d8

Concen: 55.419 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088437.D

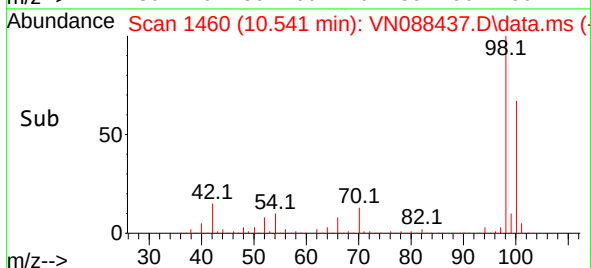
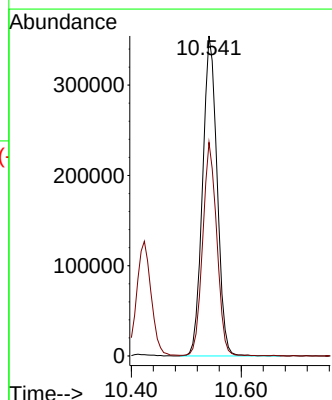
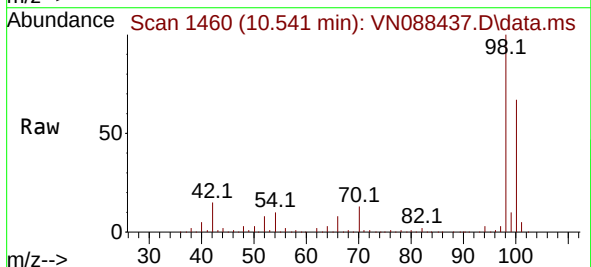
Acq: 04 Dec 2025 11:44

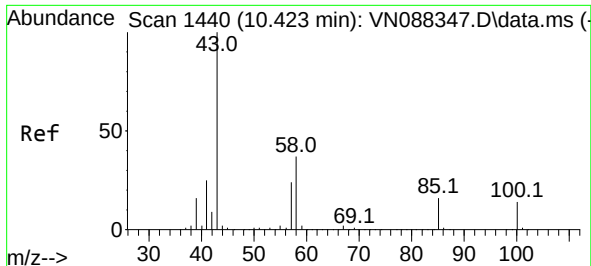
Tgt Ion: 98 Resp: 649537

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

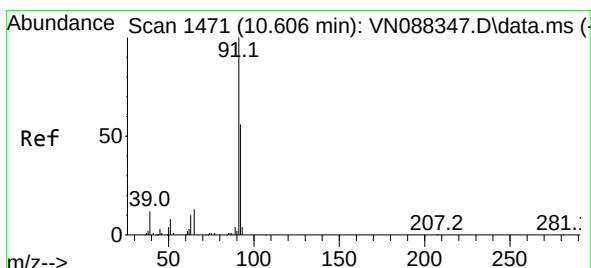
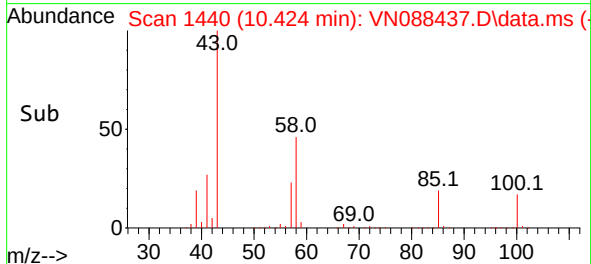
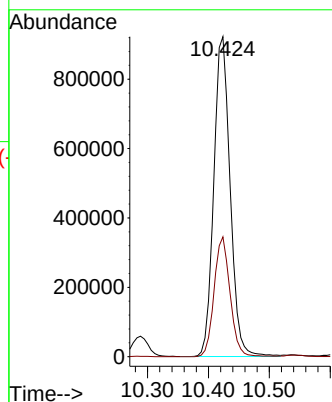
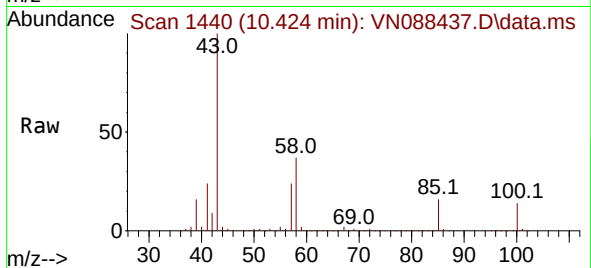




#51
4-Methyl-2-Pentanone
Concen: 299.404 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

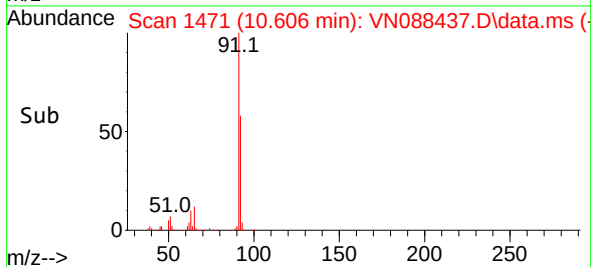
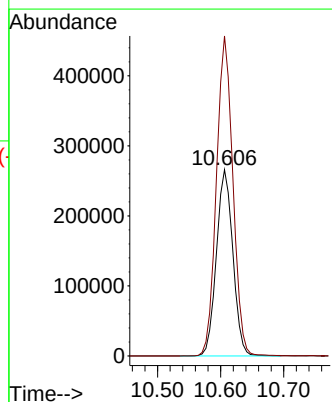
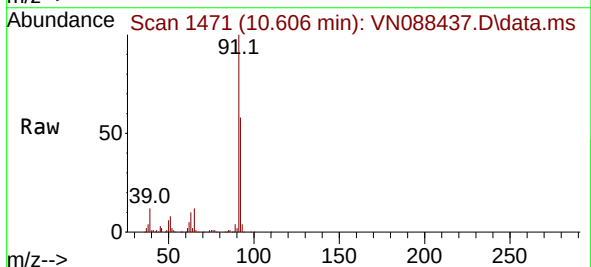
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

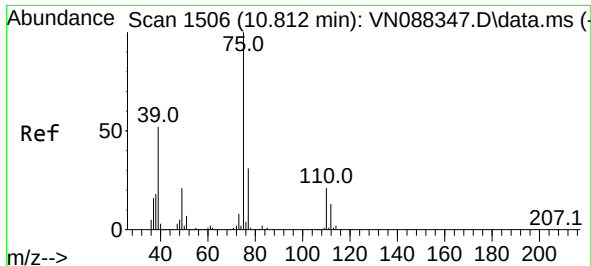
Tgt Ion: 43 Resp: 1723595
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7



#52
Toluene
Concen: 58.295 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 92 Resp: 480292
Ion Ratio Lower Upper
92 100
91 172.3 140.2 210.2

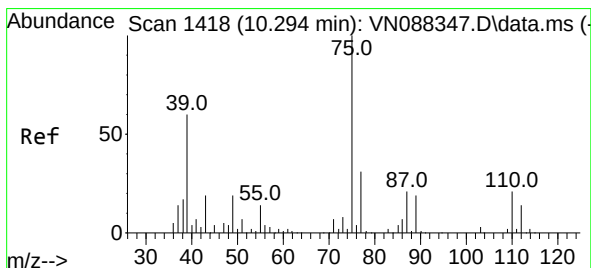
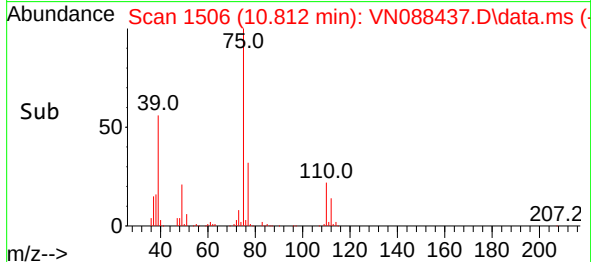
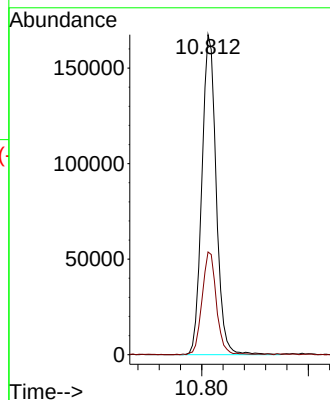
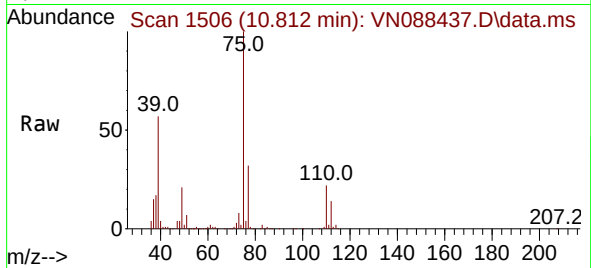




#53
t-1,3-Dichloropropene
Concen: 57.105 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

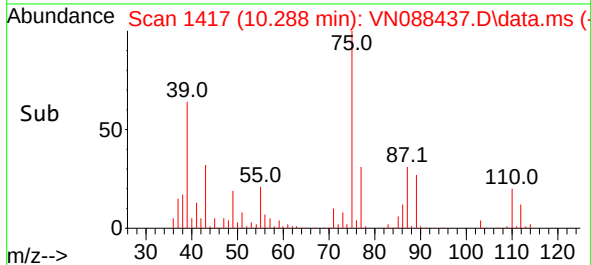
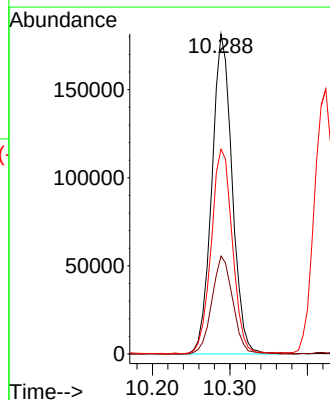
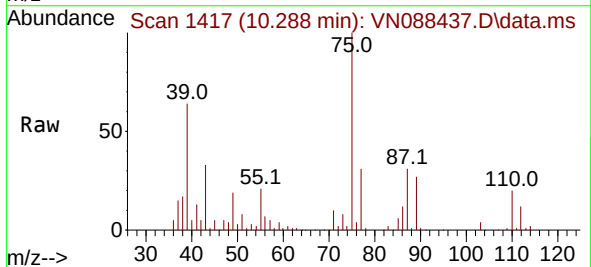
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

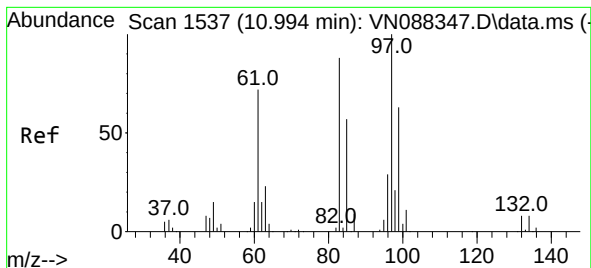
Tgt Ion: 75 Resp: 312027
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 57.561 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 75 Resp: 330756
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 63.8 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 57.390 ug/l

RT: 10.994 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 182938

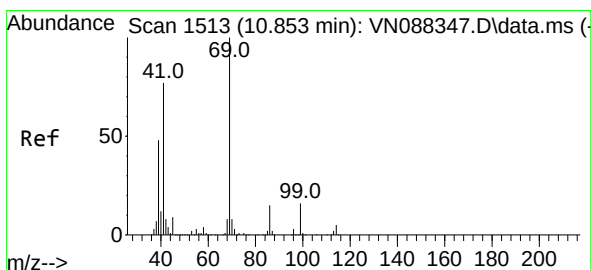
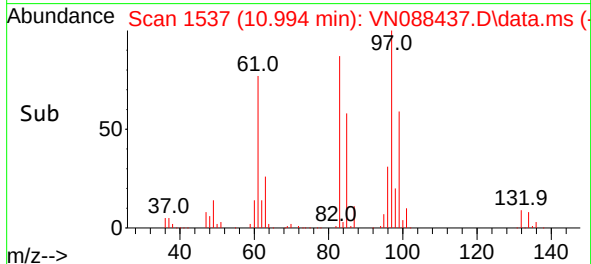
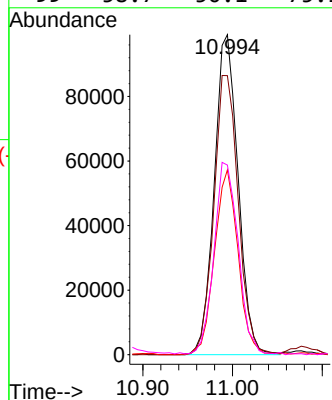
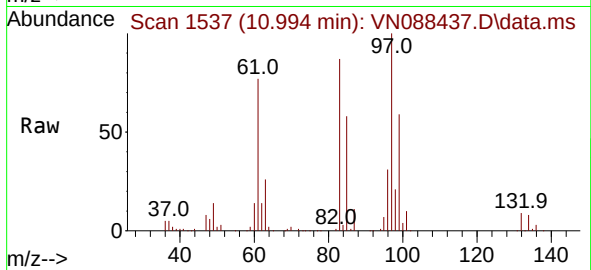
Ion Ratio Lower Upper

97 100

83 87.2 70.4 105.6

85 57.8 45.4 68.2

99 58.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 61.911 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

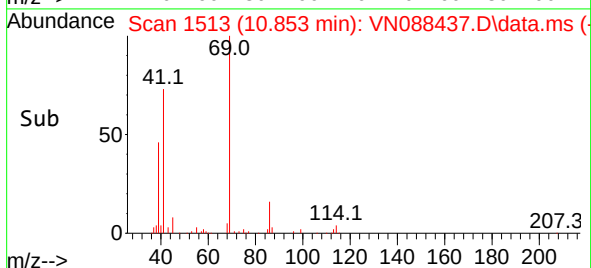
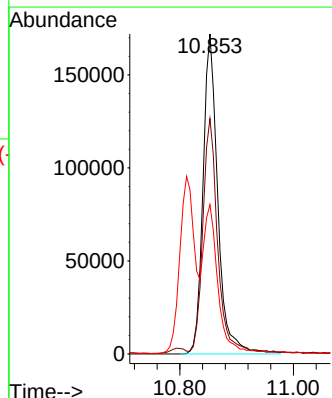
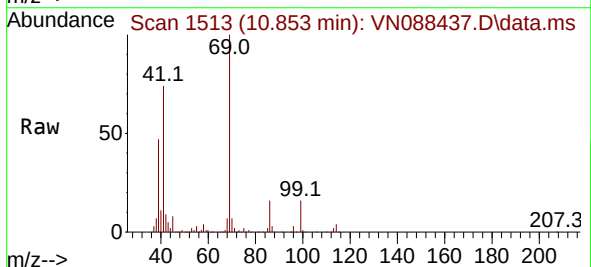
Tgt Ion: 69 Resp: 311735

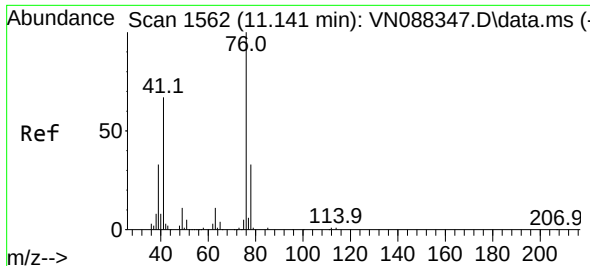
Ion Ratio Lower Upper

69 100

41 72.5 59.6 89.4

39 44.0 36.4 54.6

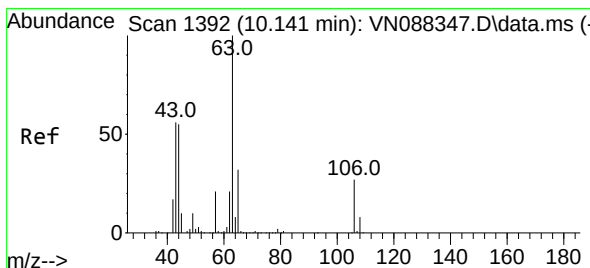
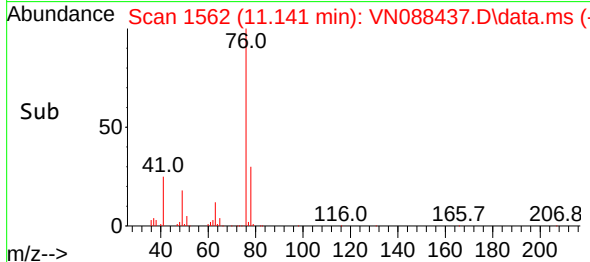
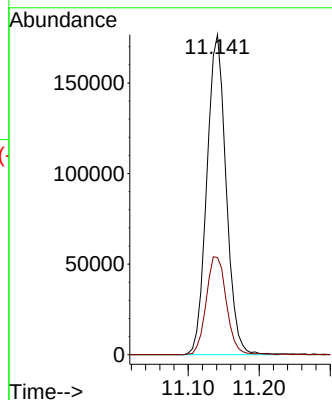
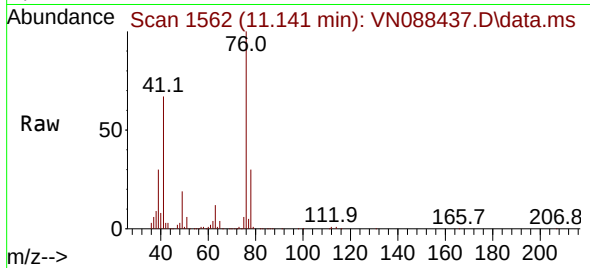




#57
1,3-Dichloropropane
Concen: 57.876 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

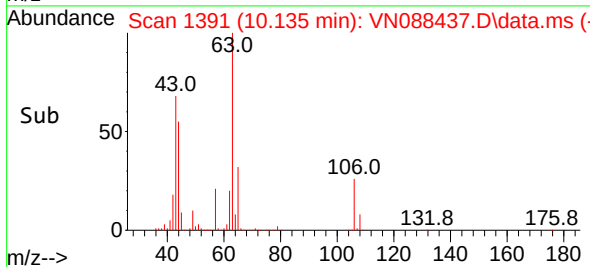
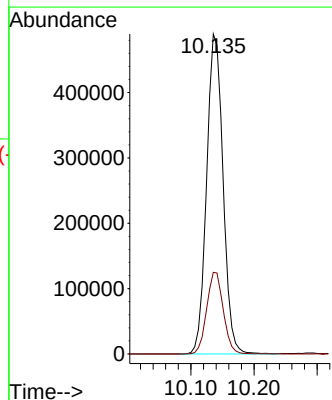
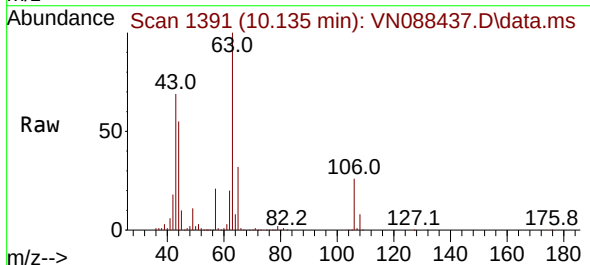
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

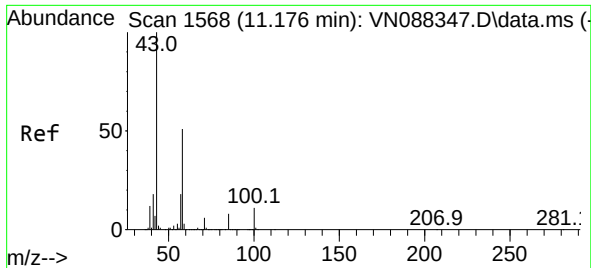
Tgt Ion: 76 Resp: 332821
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 304.242 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 63 Resp: 883178
Ion Ratio Lower Upper
63 100
106 25.8 20.5 30.7

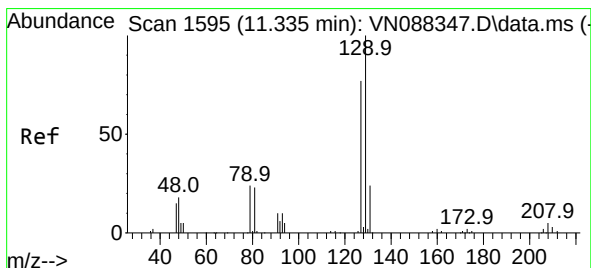
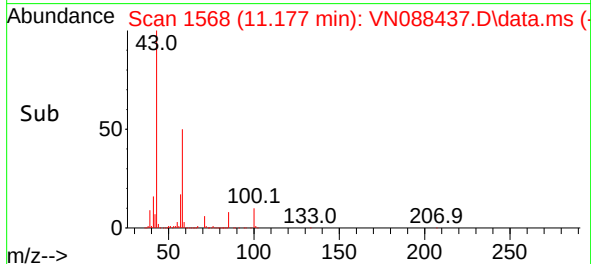
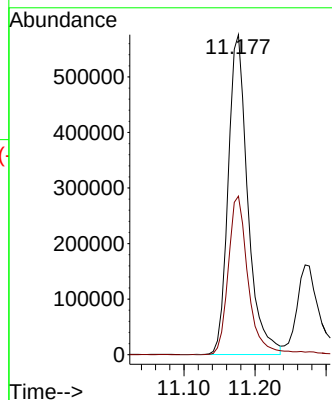
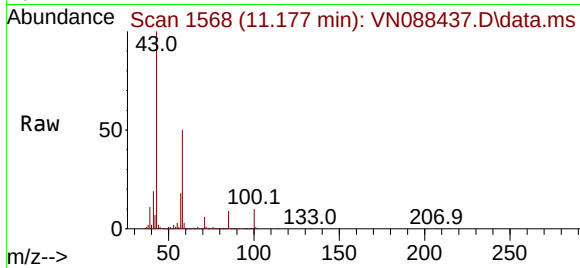




#59
2-Hexanone
Concen: 303.090 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

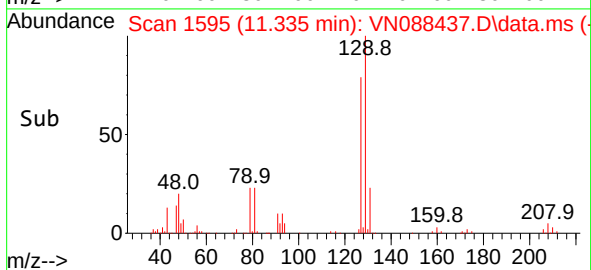
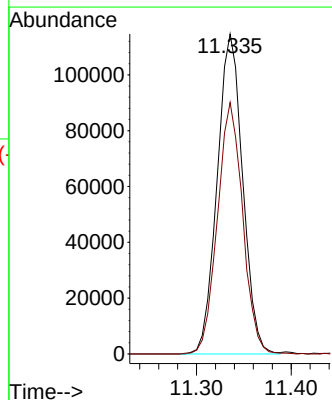
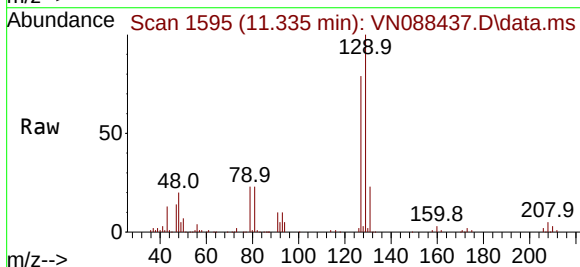
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

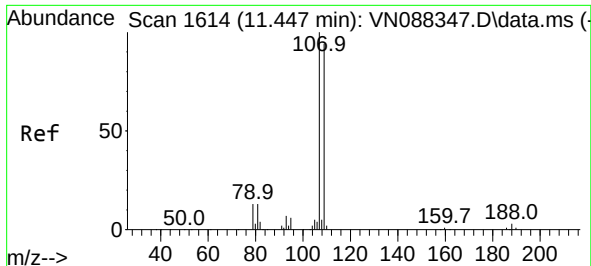
Tgt Ion: 43 Resp: 1099155
Ion Ratio Lower Upper
43 100
58 50.4 25.3 75.9



#60
Dibromochloromethane
Concen: 59.046 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 129 Resp: 214567
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6

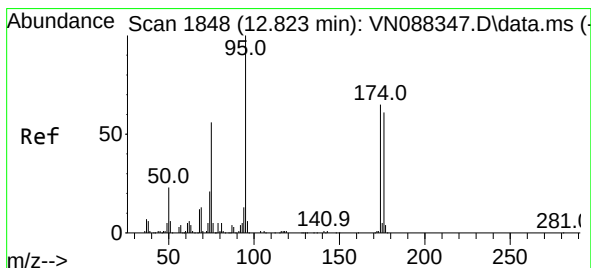
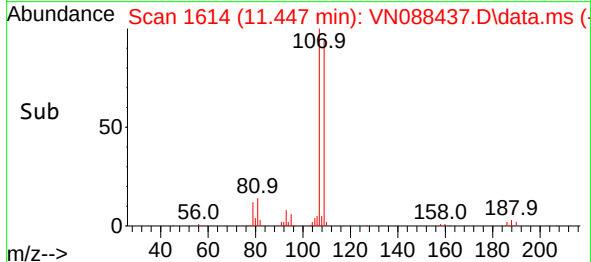
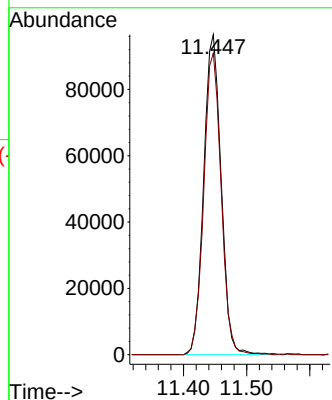
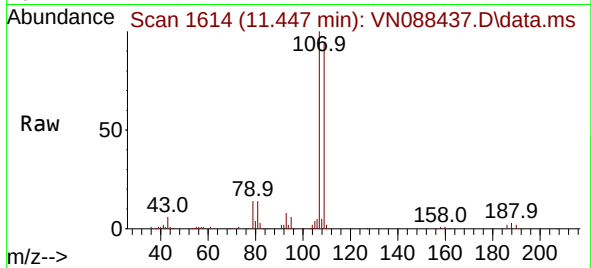




#61
1,2-Dibromoethane
Concen: 57.164 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

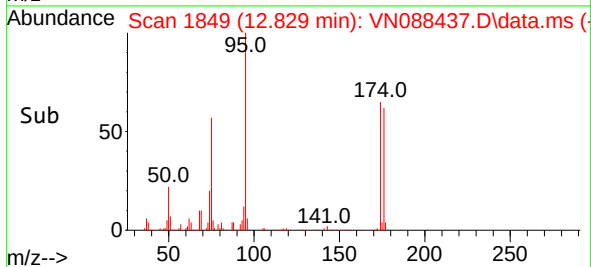
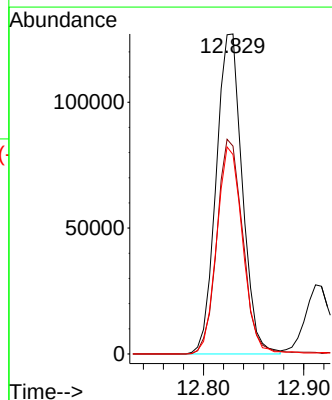
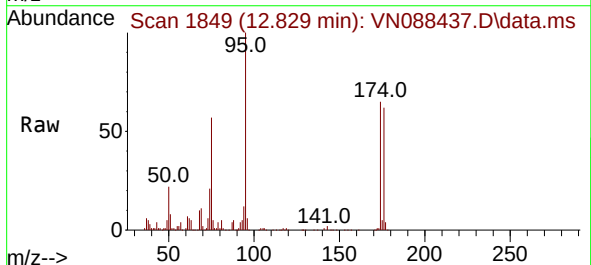
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

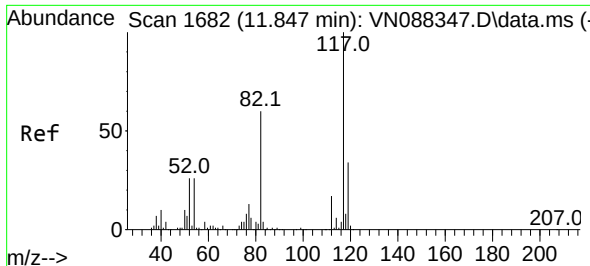
Tgt Ion:107 Resp: 184522
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 57.262 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 95 Resp: 230283
Ion Ratio Lower Upper
95 100
174 67.1 0.0 139.0
176 64.6 0.0 132.4



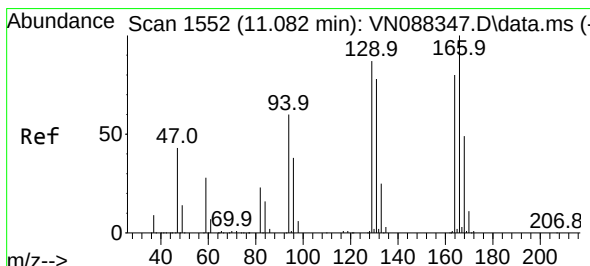
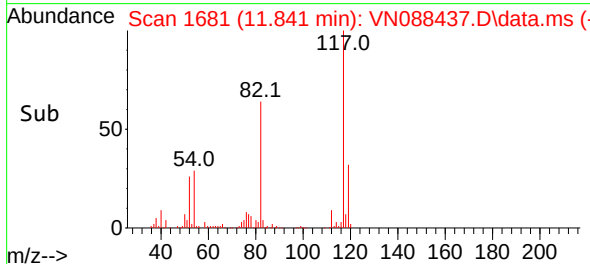
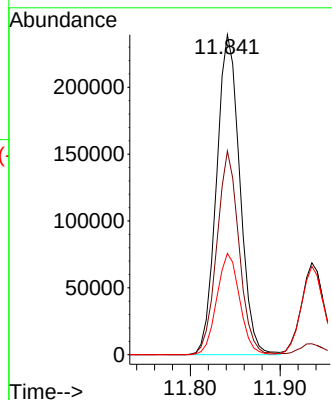
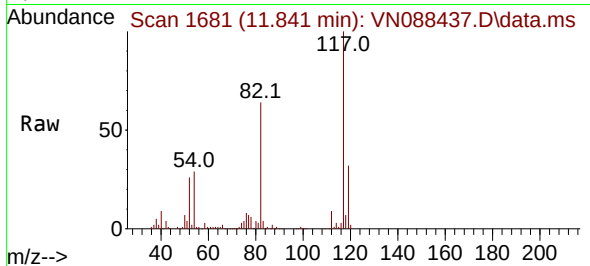


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 431157

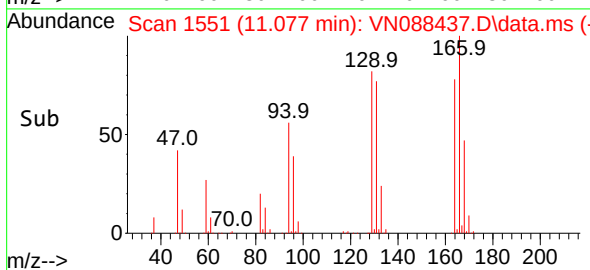
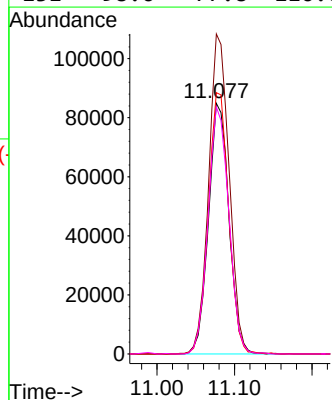
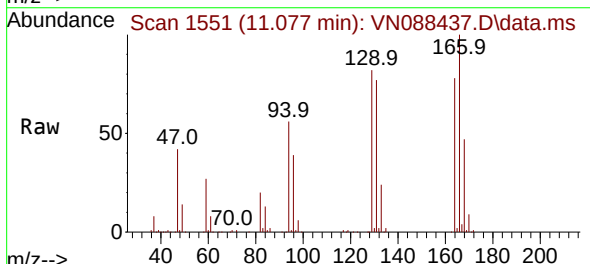
Ion	Ratio	Lower	Upper
117	100		
82	63.6	47.8	71.8
119	31.7	26.9	40.3

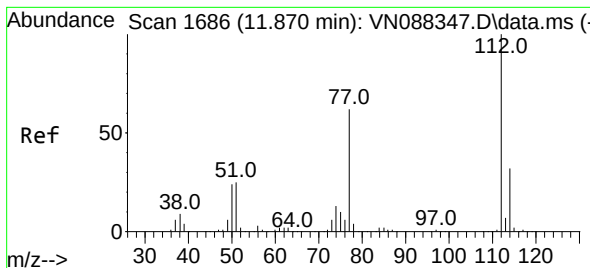


#64
Tetrachloroethene
Concen: 45.415 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:164 Resp: 155230

Ion	Ratio	Lower	Upper
164	100		
166	127.7	99.6	149.4
129	104.3	86.6	129.8
131	98.6	77.8	116.6

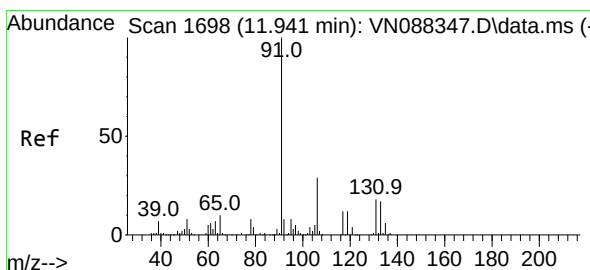
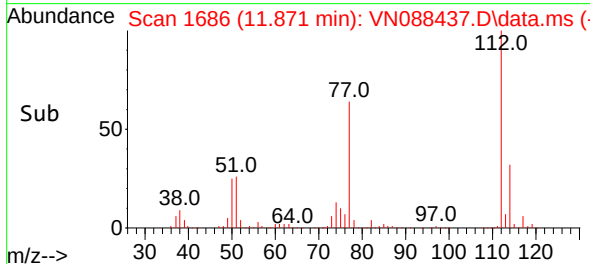
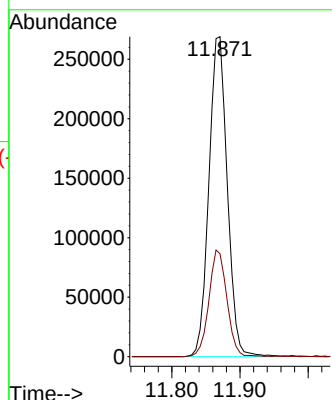
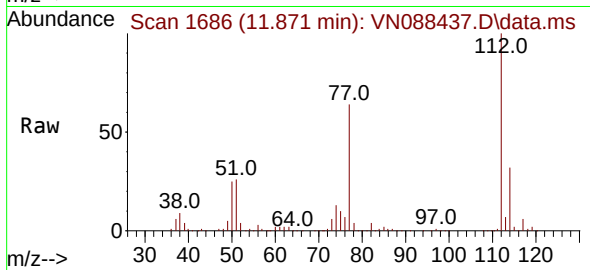




#65
Chlorobenzene
Concen: 52.142 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

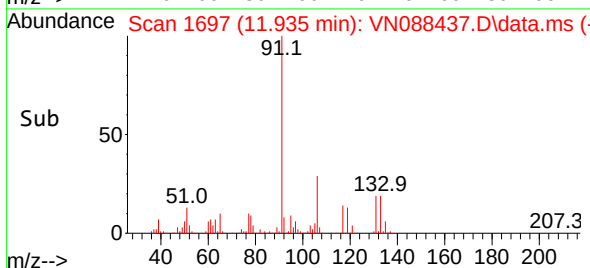
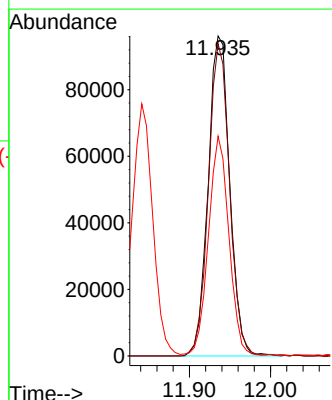
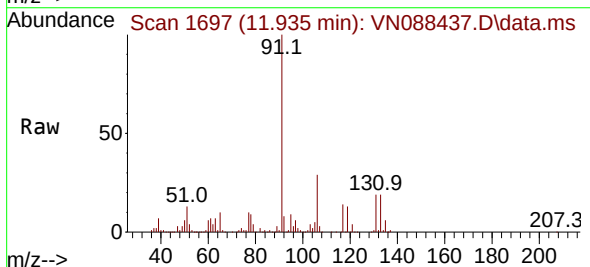
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

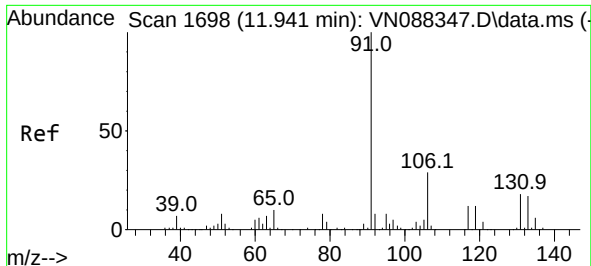
Tgt Ion:112 Resp: 504973
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.384 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:131 Resp: 177636
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 64.5 33.4 100.1





#67

Ethyl Benzene

Concen: 53.794 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

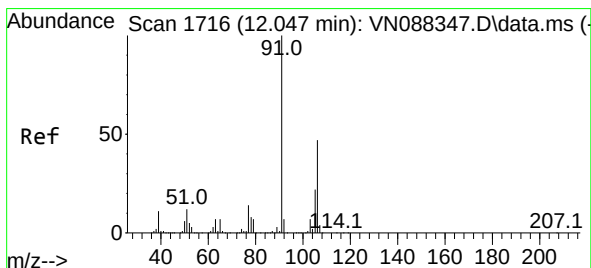
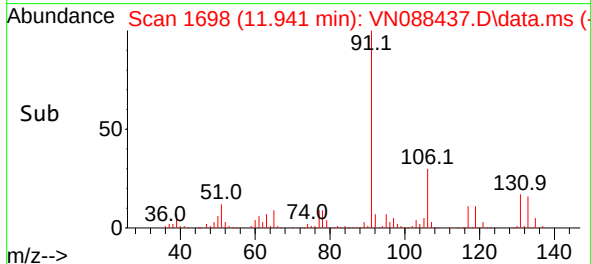
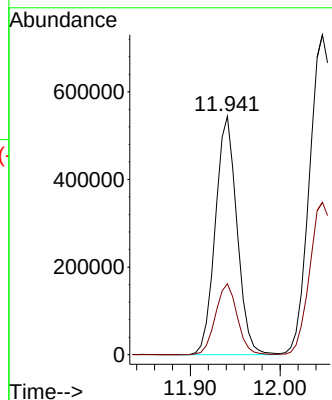
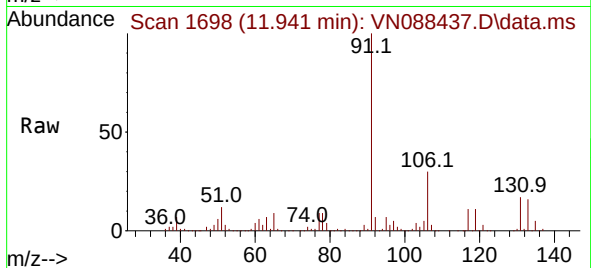
VSTDCCC050

Tgt Ion: 91 Resp: 910559

Ion Ratio Lower Upper

91 100

106 29.7 23.6 35.4



#68

m/p-Xylenes

Concen: 110.067 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088437.D

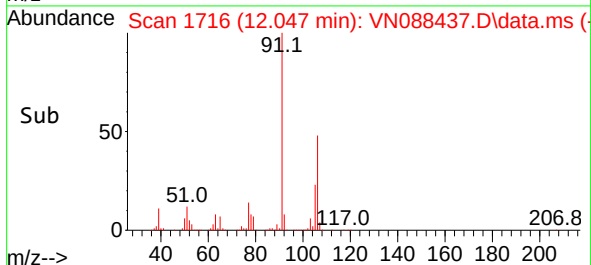
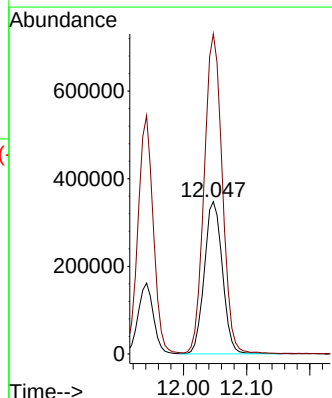
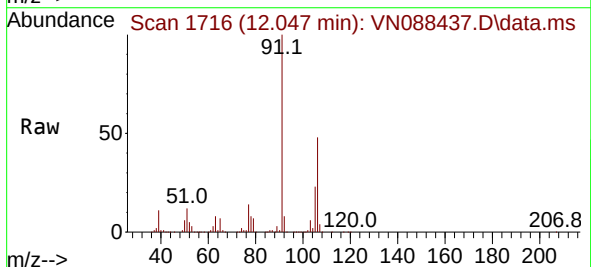
Acq: 04 Dec 2025 11:44

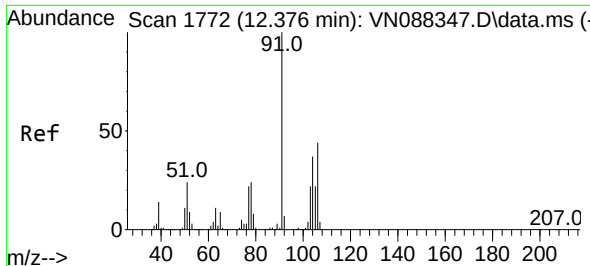
Tgt Ion:106 Resp: 690769

Ion Ratio Lower Upper

106 100

91 209.9 167.8 251.6

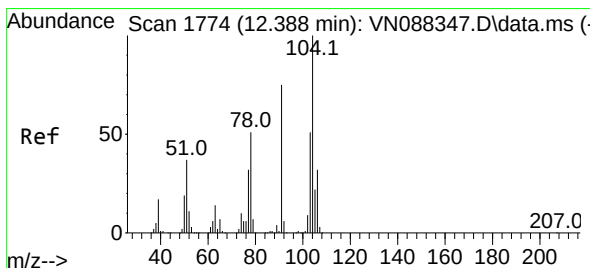
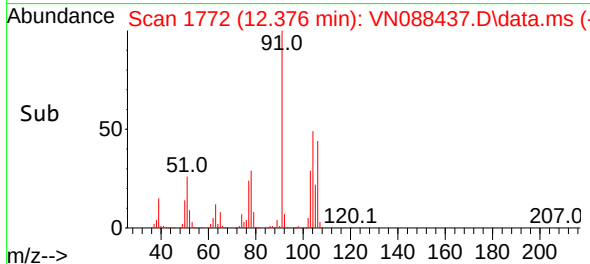
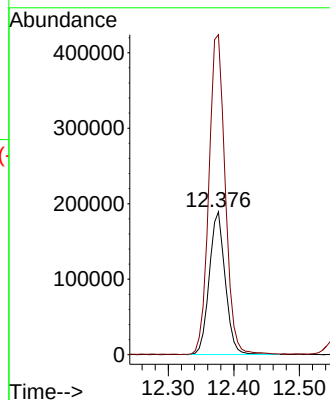
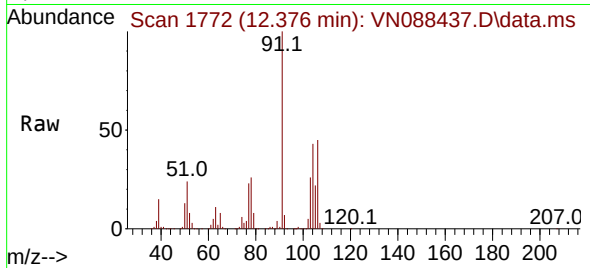




#69
o-Xylene
Concen: 53.371 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

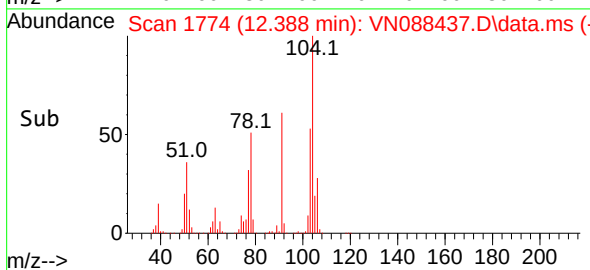
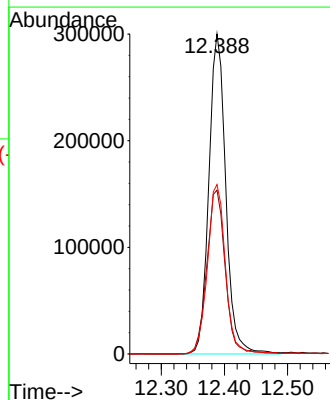
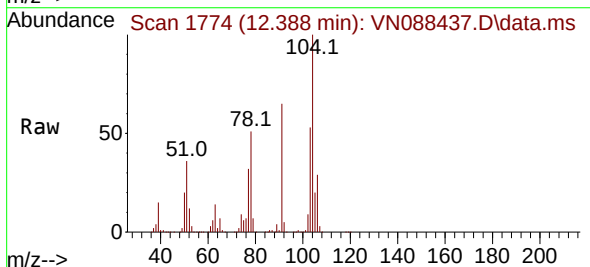
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

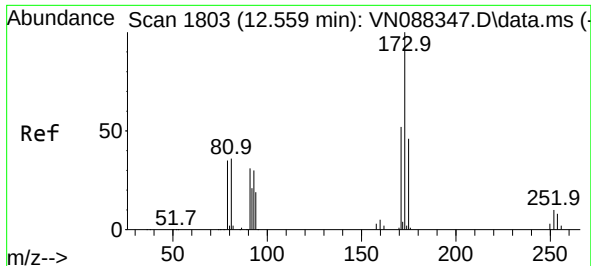
Tgt Ion:106 Resp: 319328
Ion Ratio Lower Upper
106 100
91 229.9 112.9 338.7



#70
Styrene
Concen: 57.477 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:104 Resp: 558388
Ion Ratio Lower Upper
104 100
78 55.7 44.3 66.5
103 56.4 44.2 66.4

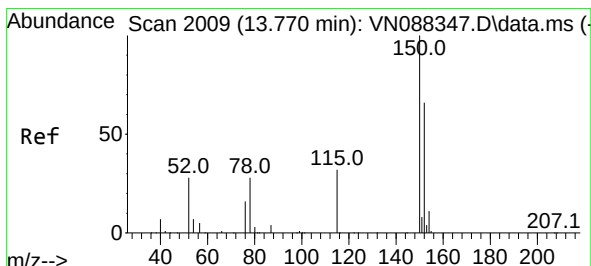
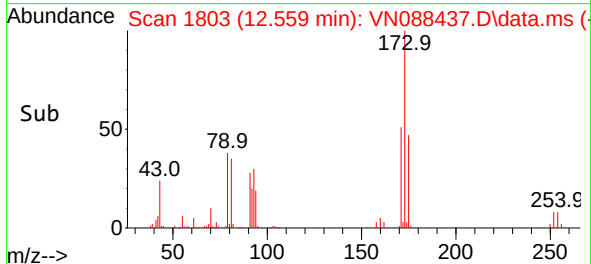
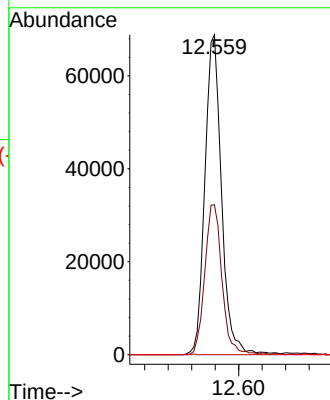
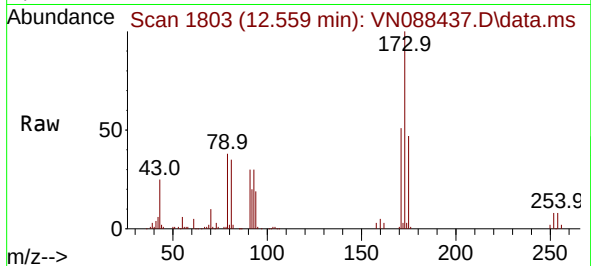




#71
Bromoform
Concen: 56.405 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

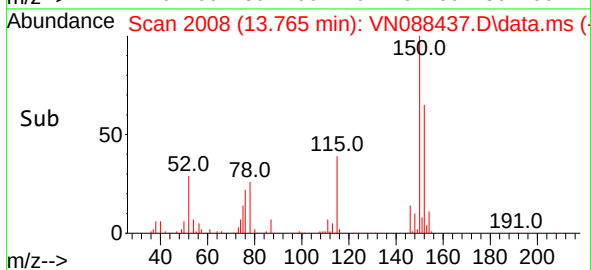
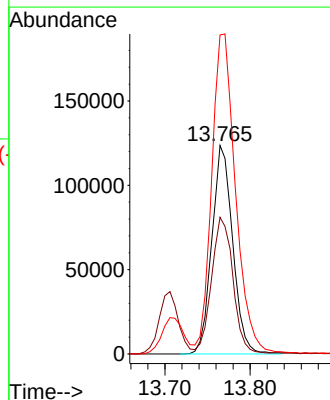
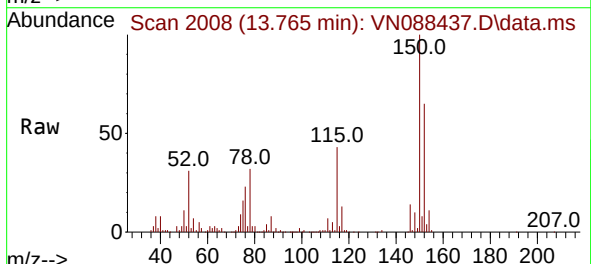
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

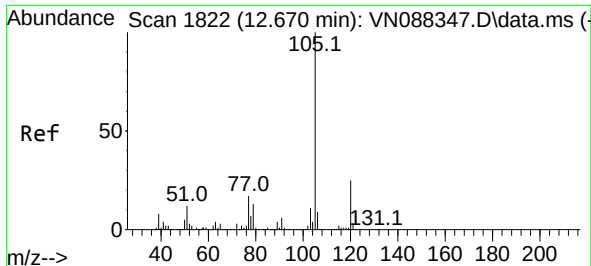
Tgt Ion:173 Resp: 134945
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:152 Resp: 210277
Ion Ratio Lower Upper
152 100
115 66.0 33.0 98.9
150 174.8 0.0 349.0

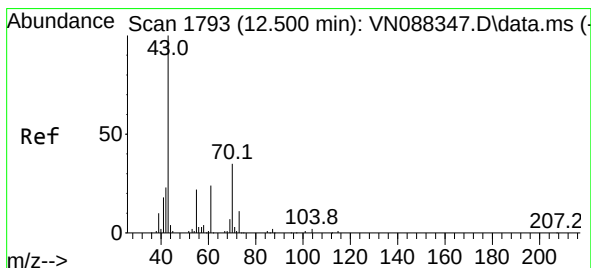
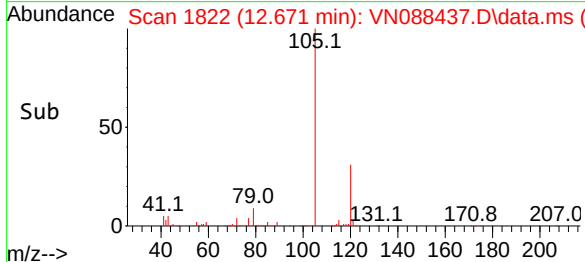
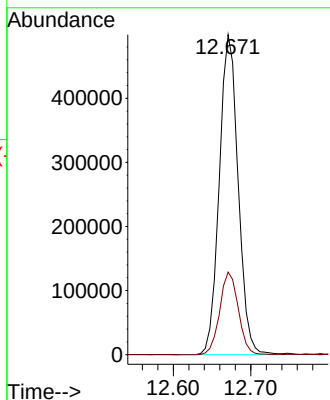
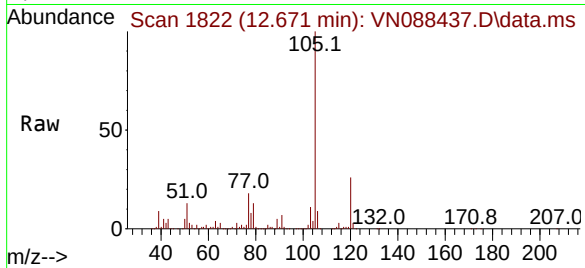




#73
Isopropylbenzene
Concen: 54.424 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

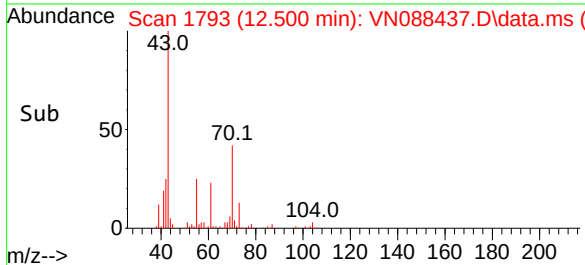
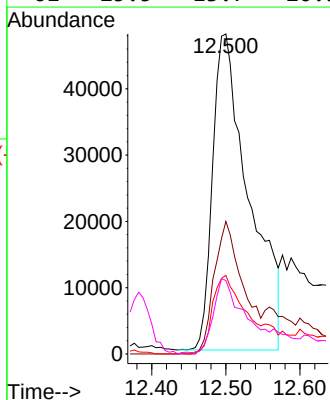
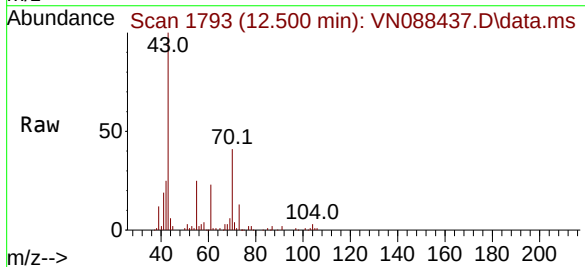
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

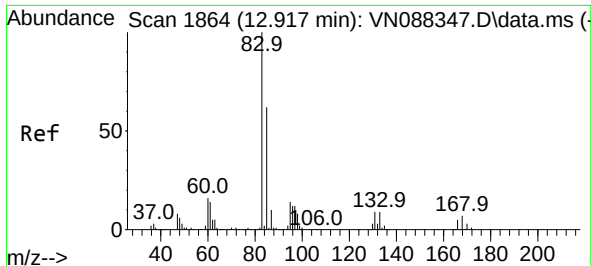
Tgt Ion:105 Resp: 846156
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3



#74
N-ethyl acetate
Concen: 30.821 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 43 Resp: 163193
Ion Ratio Lower Upper
43 100
70 33.3 28.3 42.5
55 27.8 17.7 26.5#
61 25.5 13.7 20.5#

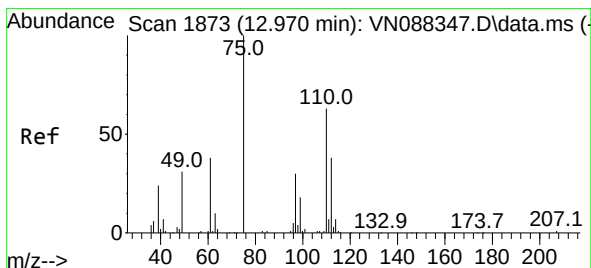
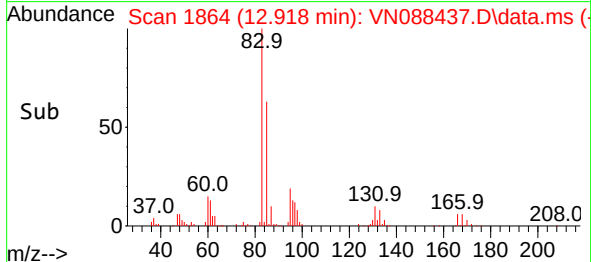
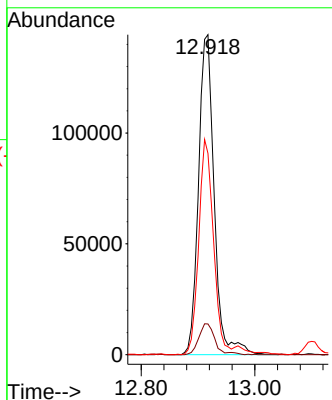
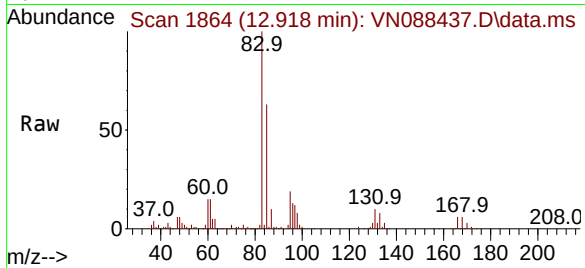




#75
 1,1,2-Tetrachloroethane
 Concen: 55.070 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

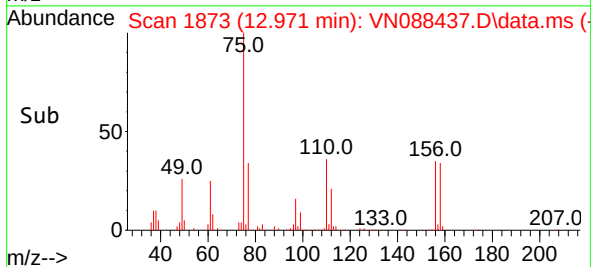
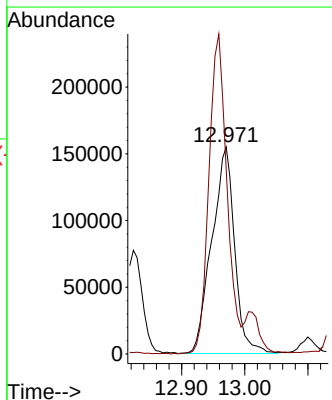
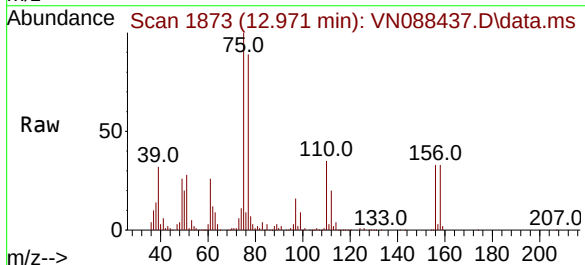
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

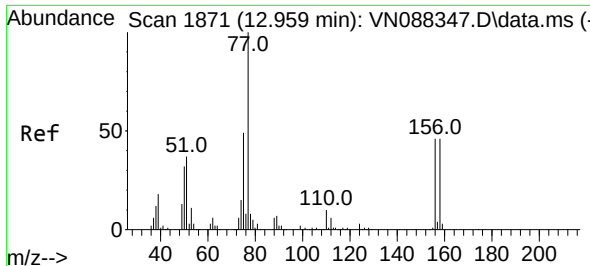
Tgt Ion: 83 Resp: 276796
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 62.9 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 78.704 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion: 75 Resp: 387621
 Ion Ratio Lower Upper
 75 100
 77 122.6 87.2 261.6

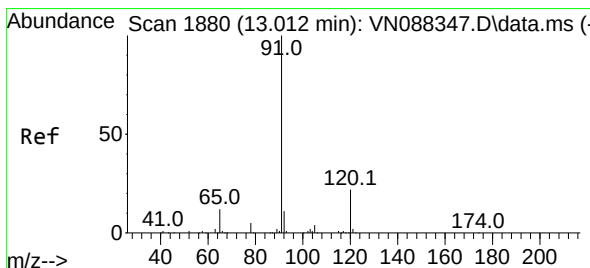
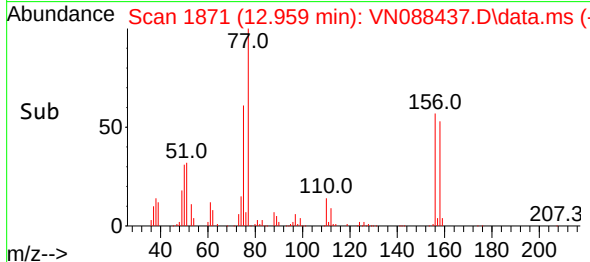
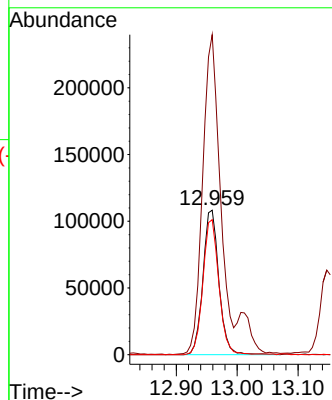
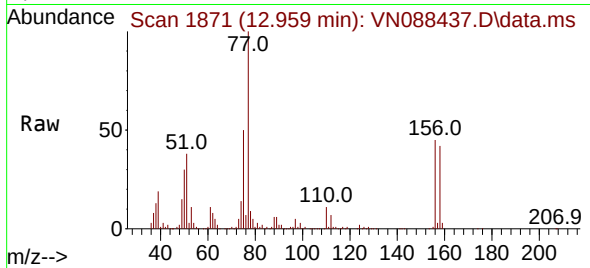




#77
Bromobenzene
Concen: 55.390 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

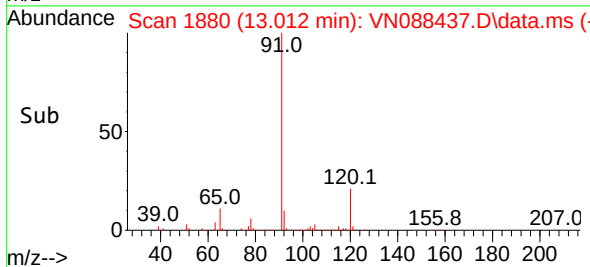
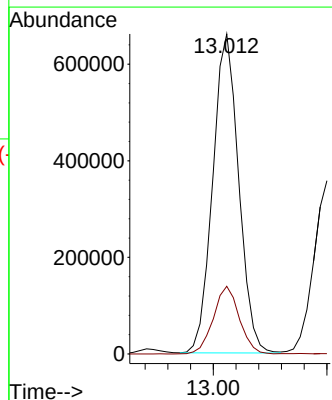
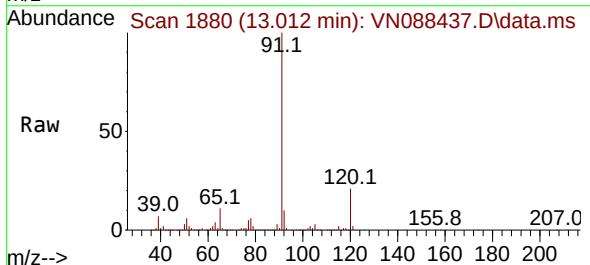
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

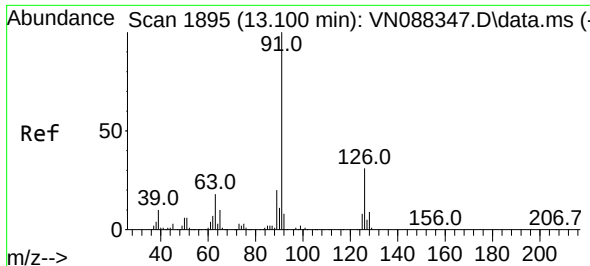
Tgt Ion:156 Resp: 197041
Ion Ratio Lower Upper
156 100
77 241.2 121.6 364.7
158 94.0 48.6 145.8



#78
n-propylbenzene
Concen: 54.998 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 91 Resp: 1046093
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.6

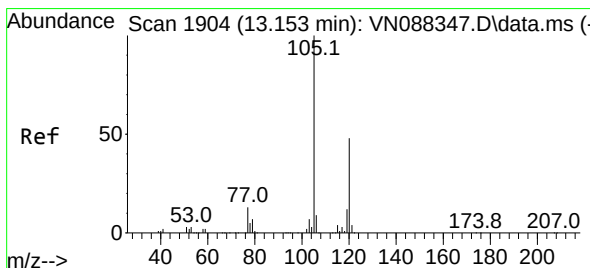
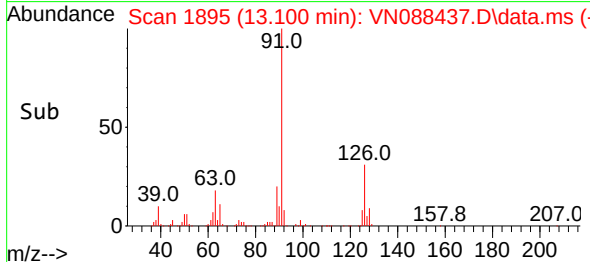
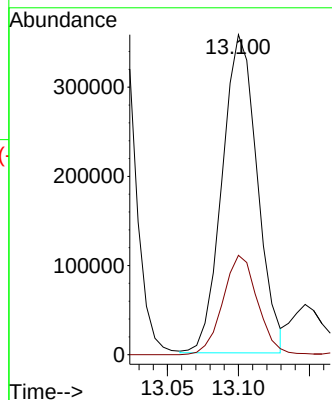
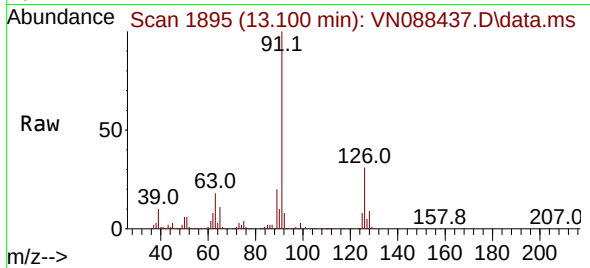




#79
2-Chlorotoluene
Concen: 52.964 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

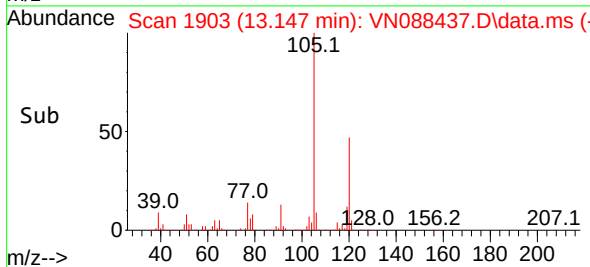
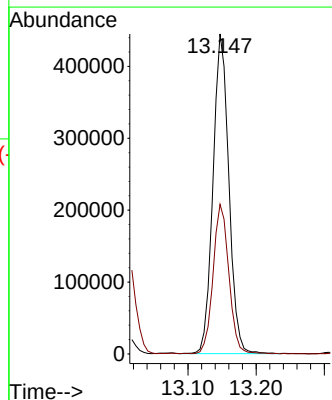
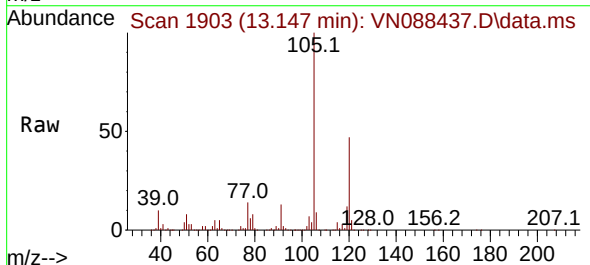
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

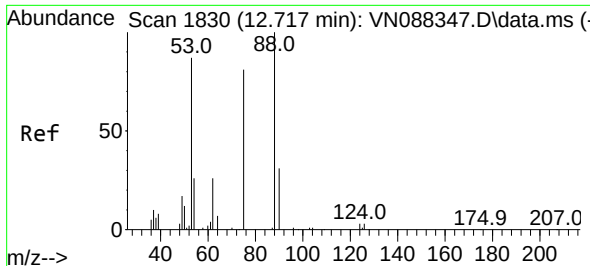
Tgt Ion: 91 Resp: 615186
Ion Ratio Lower Upper
91 100
126 30.9 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 55.887 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 105 Resp: 720007
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5

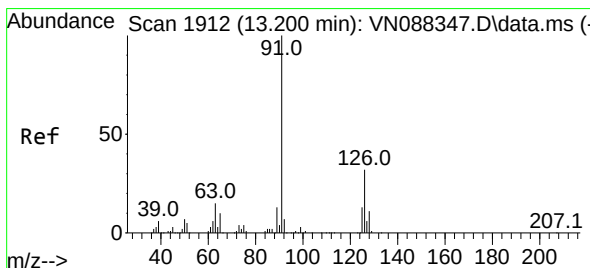
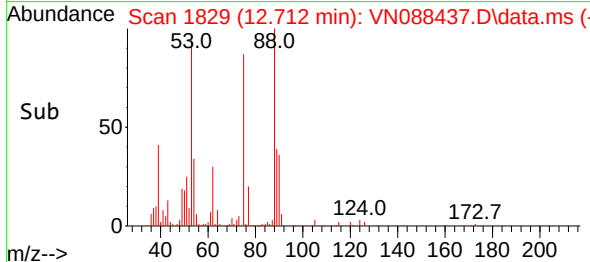
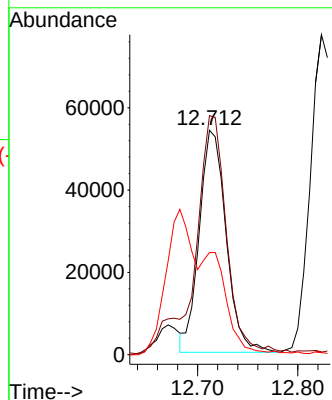
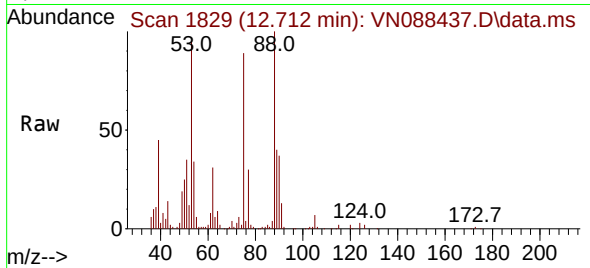




#81
trans-1,4-Dichloro-2-butene
Concen: 57.865 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

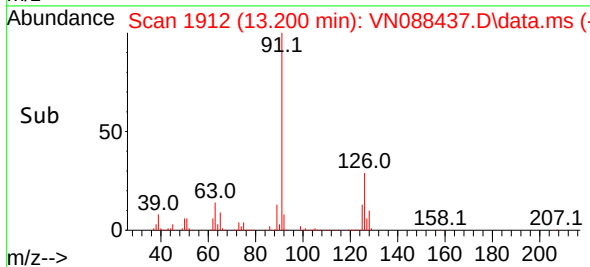
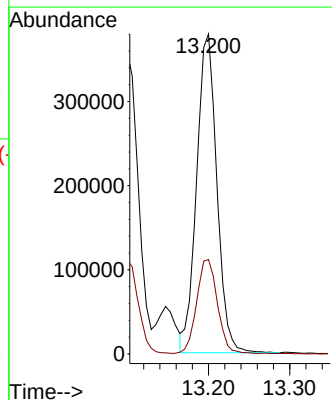
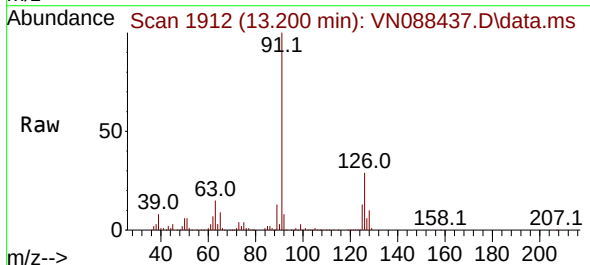
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

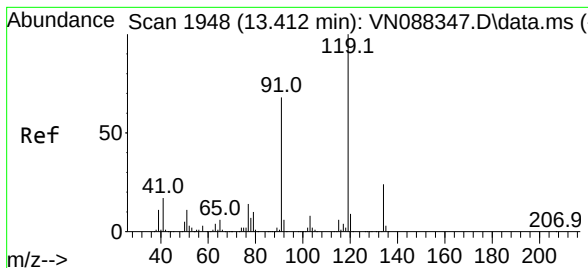
Tgt Ion: 75 Resp: 100456
Ion Ratio Lower Upper
75 100
53 126.9 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 56.933 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 91 Resp: 656816
Ion Ratio Lower Upper
91 100
126 30.1 15.6 46.7

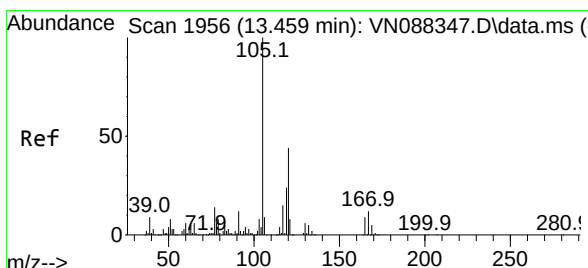
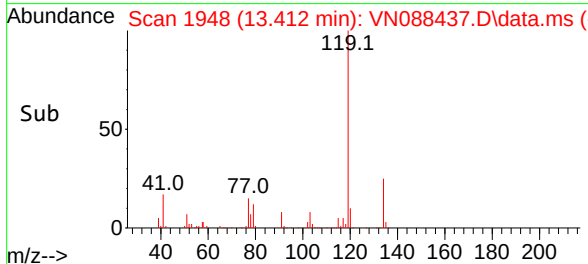
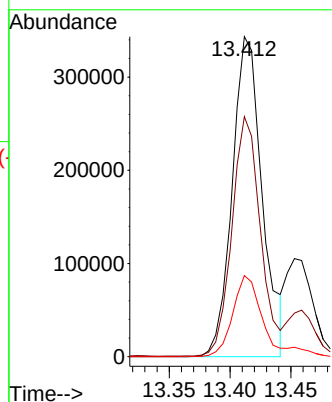
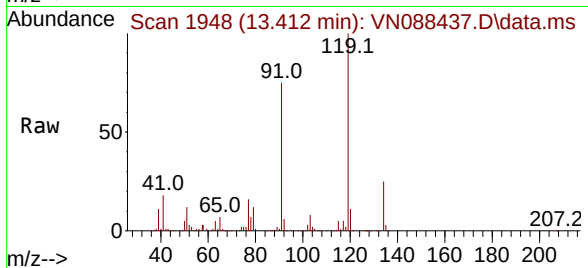




#83
tert-Butylbenzene
Concen: 53.710 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

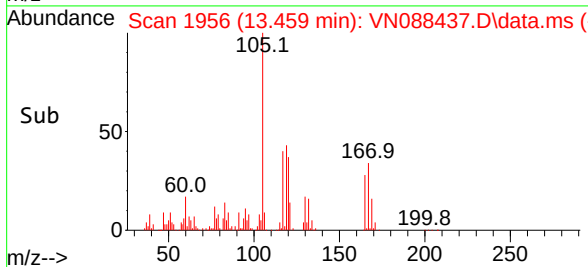
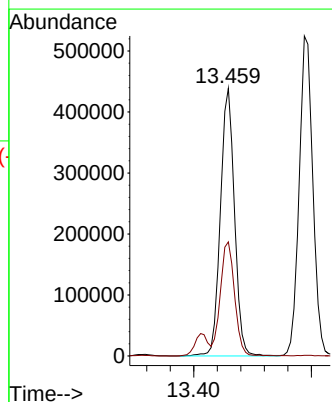
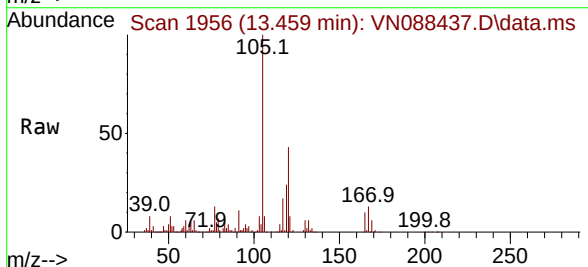
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

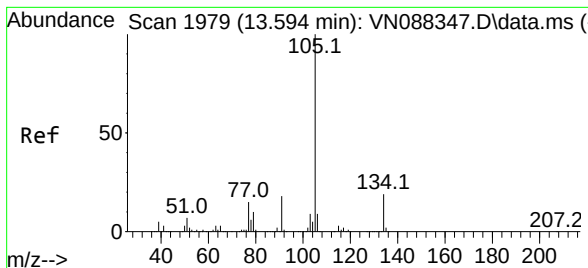
Tgt Ion:119 Resp: 588225
Ion Ratio Lower Upper
119 100
91 71.3 35.1 105.3
134 26.0 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 57.007 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:105 Resp: 730000
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 53.872 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

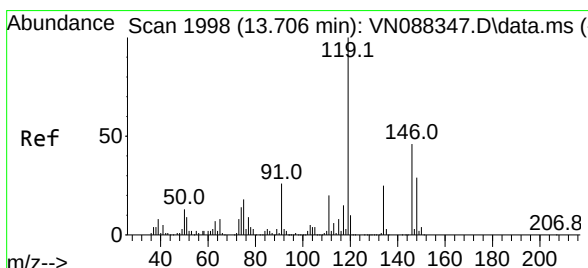
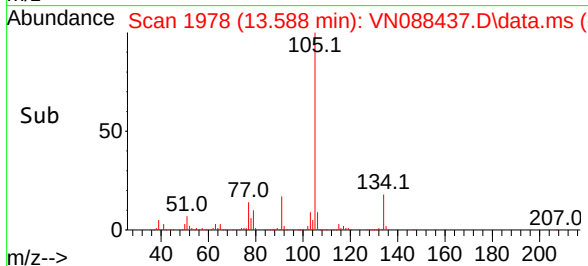
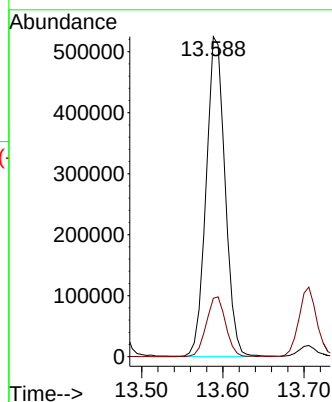
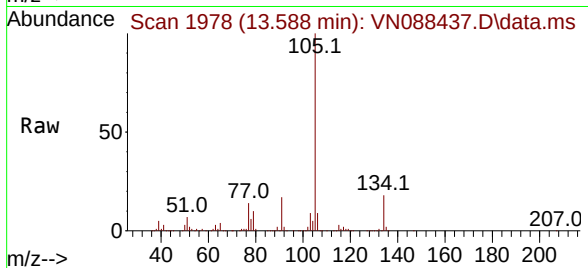
VSTDCCC050

Tgt Ion:105 Resp: 847596

Ion Ratio Lower Upper

105 100

134 19.2 9.5 28.5



#86

p-Isopropyltoluene

Concen: 54.723 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088437.D

Acq: 04 Dec 2025 11:44

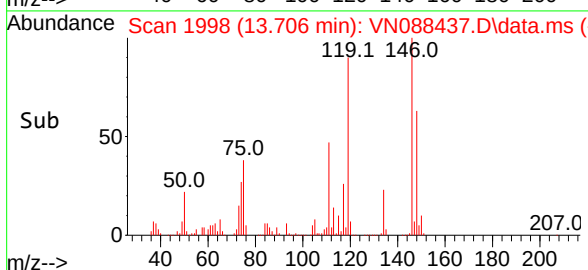
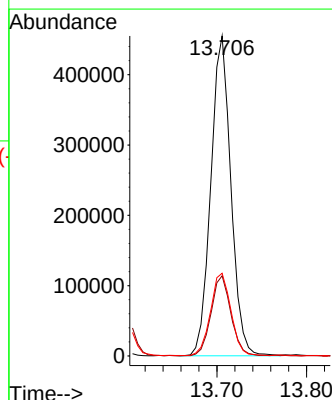
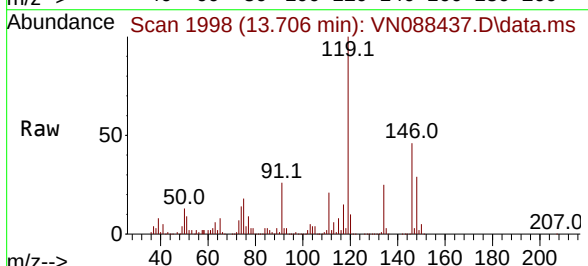
Tgt Ion:119 Resp: 706011

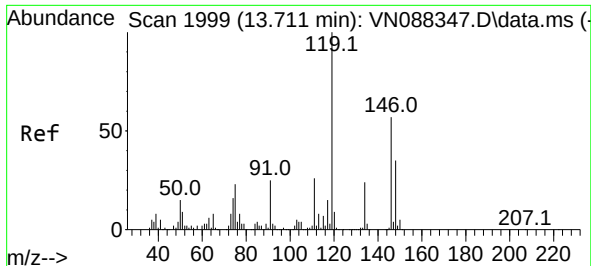
Ion Ratio Lower Upper

119 100

134 24.7 12.2 36.6

91 26.1 13.0 39.0

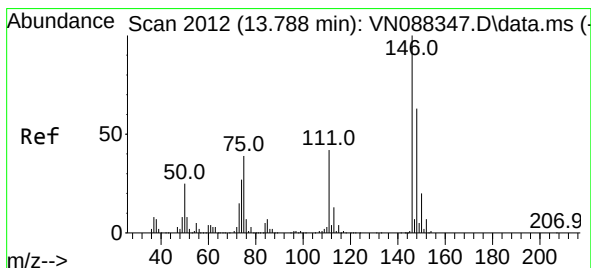
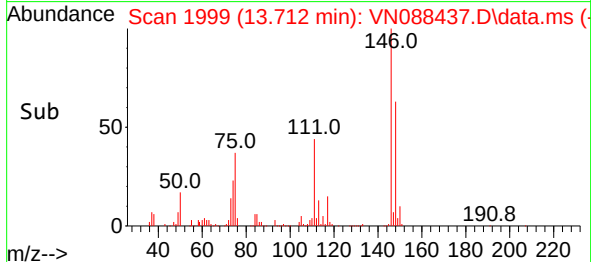
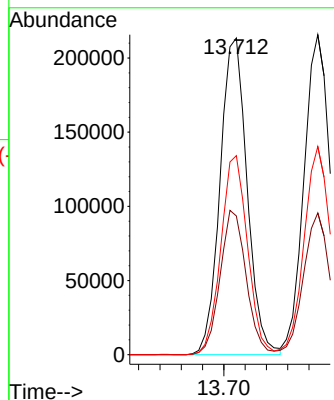
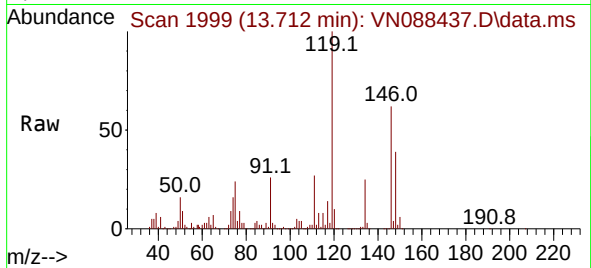




#87
 1,3-Dichlorobenzene
 Concen: 54.348 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

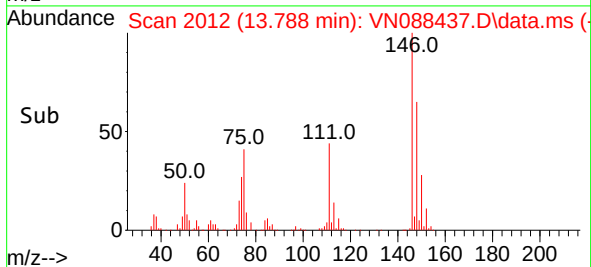
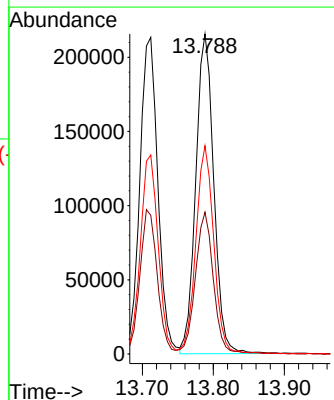
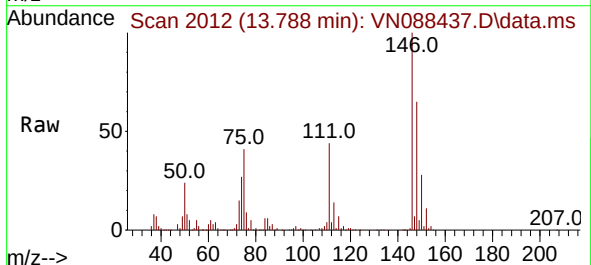
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

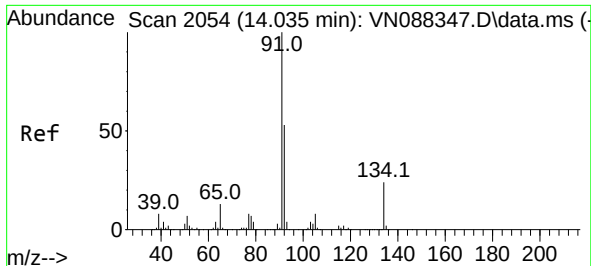
Tgt Ion:146 Resp: 376351
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.4 67.0
 148 61.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 52.479 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion:146 Resp: 380675
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.6 64.6
 148 65.3 31.0 93.0

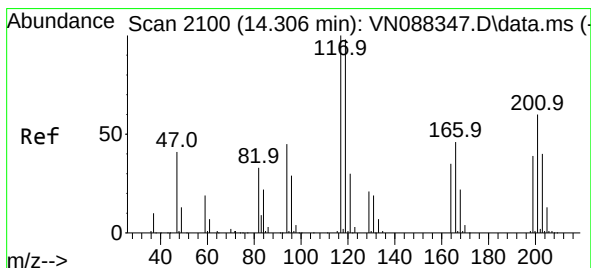
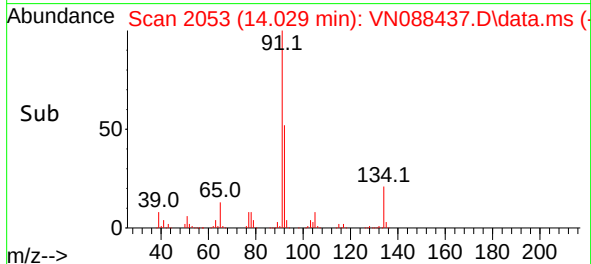
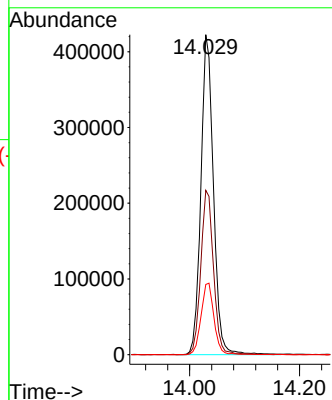
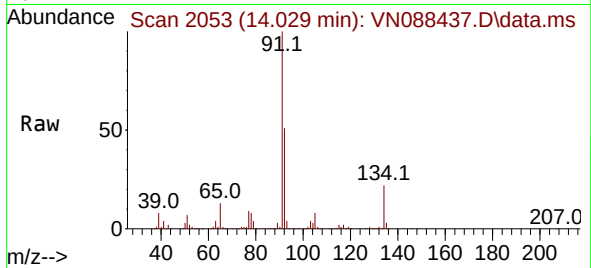




#89
n-Butylbenzene
Concen: 53.590 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

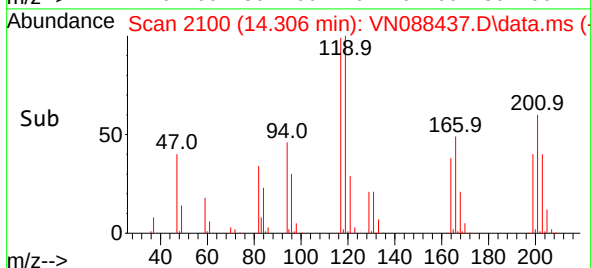
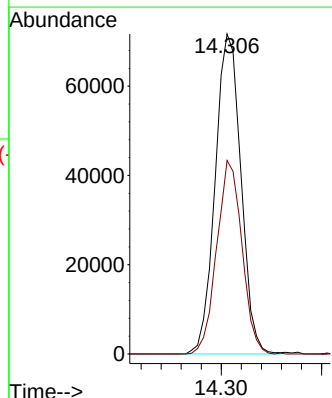
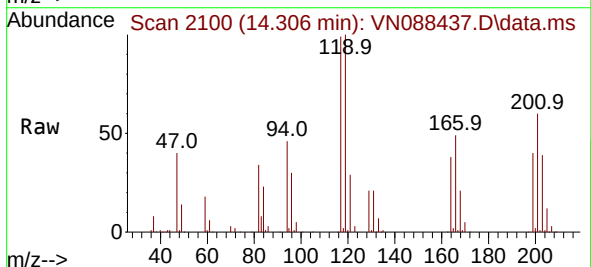
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

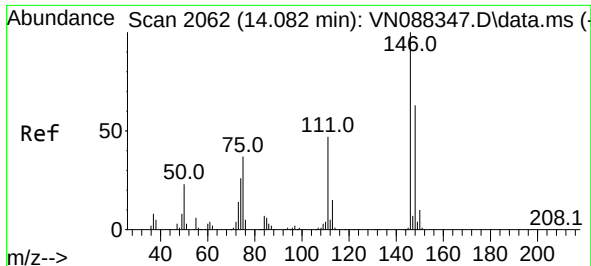
Tgt Ion: 91 Resp: 671306
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.3
134 22.9 11.7 35.1



#90
Hexachloroethane
Concen: 54.130 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 117 Resp: 127576
Ion Ratio Lower Upper
117 100
201 59.3 30.3 90.9

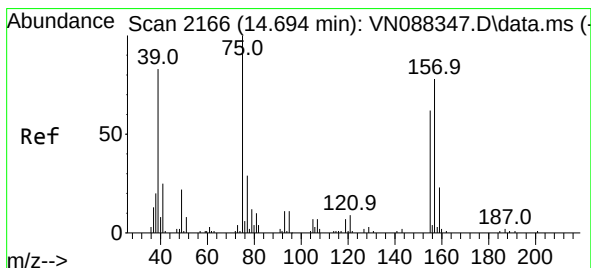
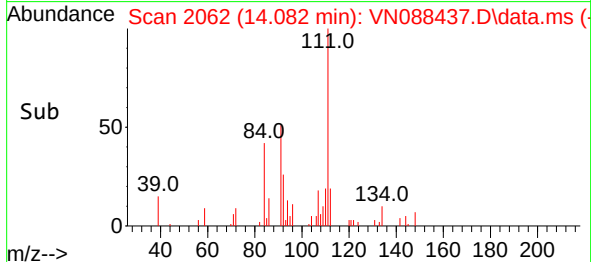
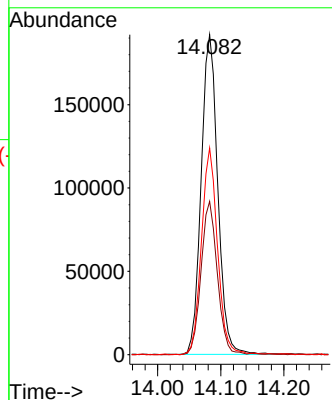
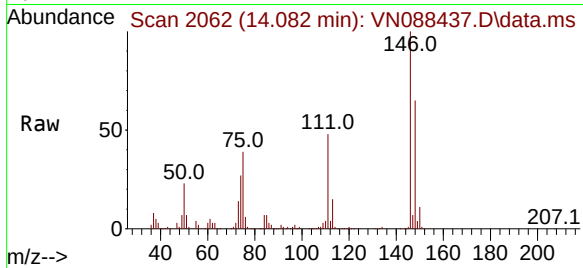




#91
1,2-Dichlorobenzene
Concen: 53.690 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

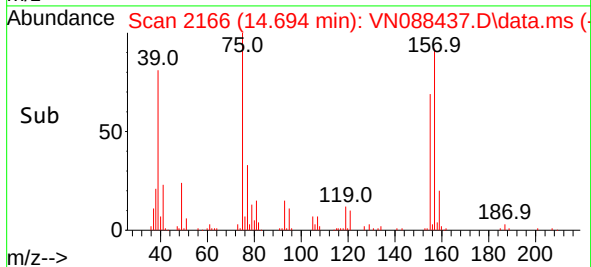
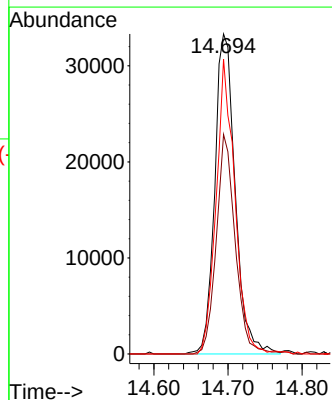
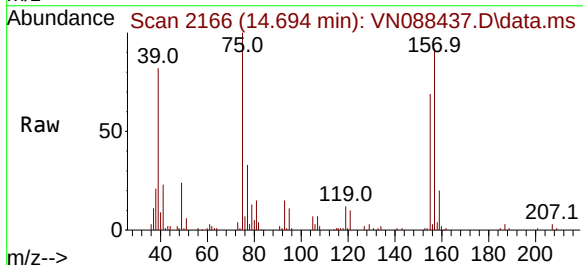
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

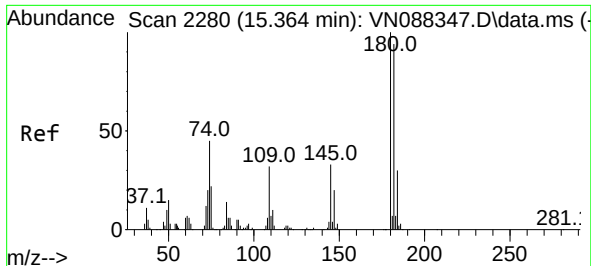
Tgt Ion:146 Resp: 349875
Ion Ratio Lower Upper
146 100
111 47.0 23.3 69.9
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.428 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion: 75 Resp: 63936
Ion Ratio Lower Upper
75 100
155 63.5 33.7 101.1
157 83.9 43.8 131.3

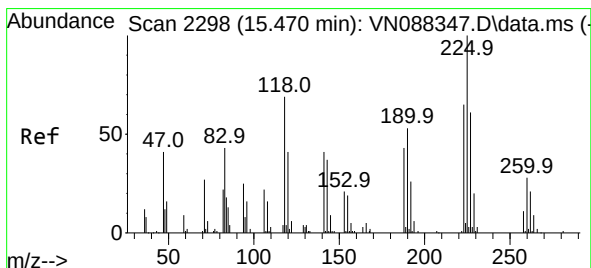
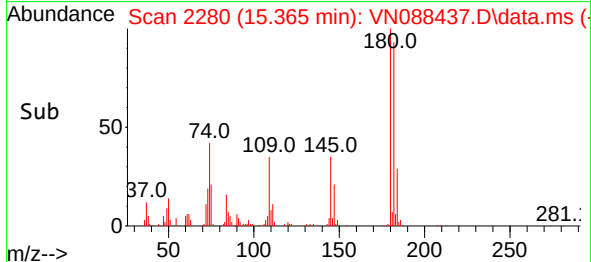
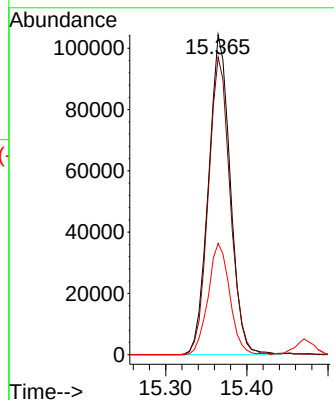
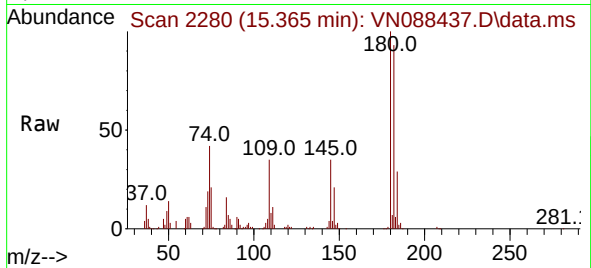




#93
1,2,4-Trichlorobenzene
Concen: 50.142 ug/l
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

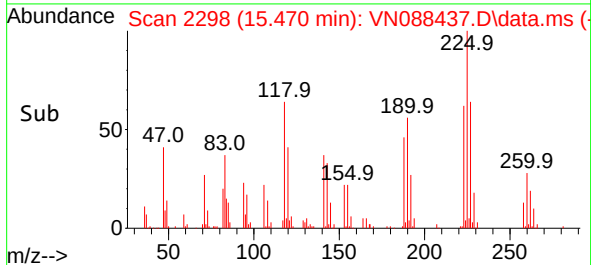
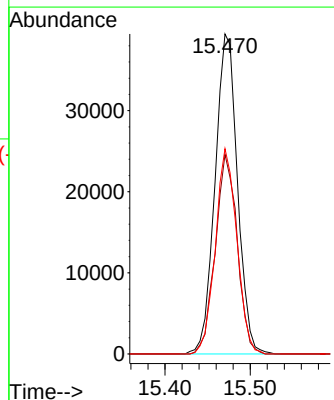
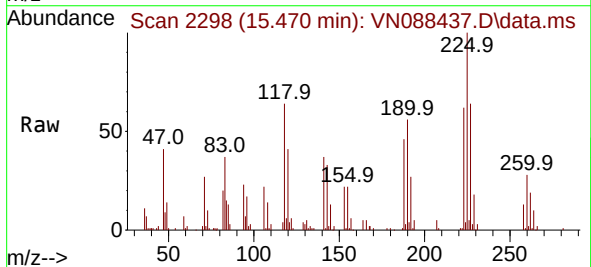
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

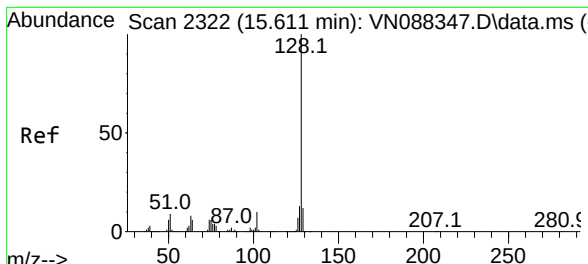
Tgt Ion:180 Resp: 194146
Ion Ratio Lower Upper
180 100
182 93.5 46.1 138.2
145 34.6 16.7 50.1



#94
Hexachlorobutadiene
Concen: 51.883 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088437.D
Acq: 04 Dec 2025 11:44

Tgt Ion:225 Resp: 72189
Ion Ratio Lower Upper
225 100
223 60.8 32.3 96.8
227 61.5 29.9 89.8

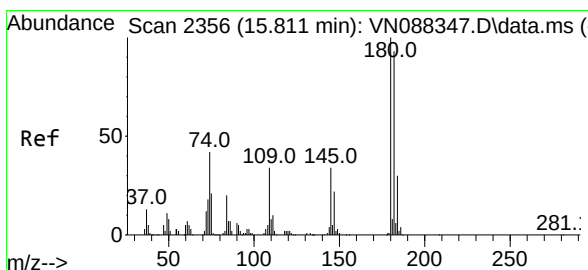
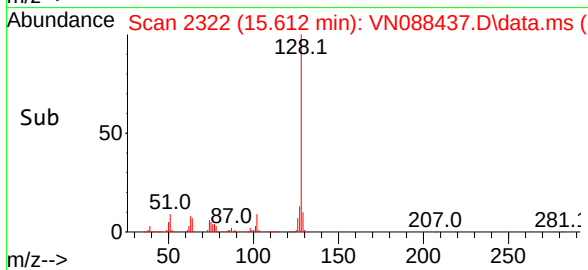
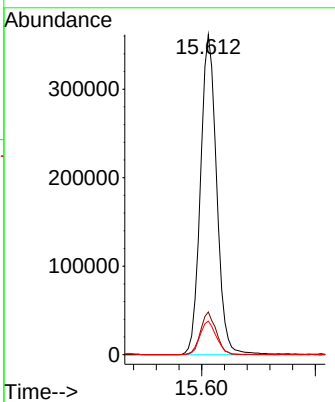
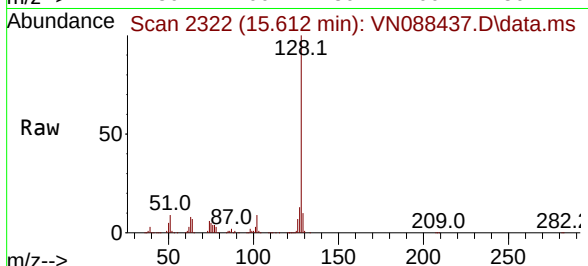




#95
 Naphthalene
 Concen: 53.119 ug/l
 RT: 15.612 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	128	Resp:	712709
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.6	9.0	13.6



#96
 1,2,3-Trichlorobenzene
 Concen: 51.087 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088437.D
 Acq: 04 Dec 2025 11:44

Tgt Ion:	180	Resp:	192507
Ion Ratio	Lower	Upper	
180	100		
182	95.0	45.9	137.7
145	36.6	17.8	53.4

