

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088331.D
 Acq On : 20 Nov 2025 15:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 03:03:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N11325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	54907	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	287275	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	254032	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	146075	29.125	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.100%
60) 4-Bromofluorobenzene	12.829	95	120525	28.066	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.567%
63) Toluene-d8	10.547	98	370485	30.805	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70717	18.322	ug/l	99
3) Chloromethane	2.383	50	73290	18.417	ug/l	95
4) Vinyl Chloride	2.536	62	79011	18.777	ug/l	96
5) Bromomethane	2.983	94	35480	15.814	ug/l	85
6) Chloroethane	3.142	64	49378	18.985	ug/l	98
7) Trichlorofluoromethane	3.518	101	106697	18.086	ug/l	90
8) Diethyl Ether	3.959	74	43492	19.725	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	57584	18.606	ug/l	72
10) 1,1-Dichloroethene	4.330	96	27830	9.217	ug/l	95
11) Methyl Iodide	4.577	142	49694	15.466	ug/l #	88
12) Methyl Acetate	5.012	43	105288	21.616	ug/l	98
13) Acrolein	4.177	56	87330	121.857	ug/l	97
14) Acrylonitrile	5.706	53	225985	102.102	ug/l	97
15) Acetone	4.418	58	49329	76.212	ug/l	96
16) Carbon Disulfide	4.706	76	188606	18.522	ug/l	98
17) Allyl chloride	5.012	41	109864	18.725	ug/l	94
18) Methylene Chloride	5.265	84	74812	19.935	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	67487	19.195	ug/l	96
20) Diisopropyl ether	6.653	45	250773	20.002	ug/l	99
21) 1,1-Dichloroethane	6.553	63	140400	19.877	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	81678	19.988	ug/l	94
23) tert-Butyl Alcohol	5.518	59	79584	97.786	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	237705	19.527	ug/l	99
25) Chloroform	7.947	83	141031	20.150	ug/l	100
26) Cyclohexane	8.235	56	104811	17.567	ug/l #	92
29) 1,1-Dichloropropene	8.353	75	89139	18.596	ug/l	97
30) 2-Butanone	7.471	43	288886	93.171	ug/l	99
31) 2,2-Dichloropropane	7.477	77	119800	20.264	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	114870	19.440	ug/l	98
33) Carbon Tetrachloride	8.347	117	93322	18.494	ug/l	96
34) Benzene	8.588	78	291593	20.352	ug/l	98
35) Methacrylonitrile	7.765	41	69752	21.567	ug/l	97
36) 1,2-Dichloroethane	8.653	62	114728	20.575	ug/l	100
37) Trichloroethene	9.329	130	66021	20.334	ug/l	95
38) Methylcyclohexane	9.582	83	93173	16.955	ug/l	98
39) 1,2-Dichloropropane	9.600	63	77013	20.834	ug/l #	87
40) Dibromomethane	9.688	93	55121	20.754	ug/l	98
41) Bromodichloromethane	9.865	83	110916	20.746	ug/l	97
42) Vinyl Acetate	6.588	43	1150620	111.185	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088331.D
 Acq On : 20 Nov 2025 15:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 03:03:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N11325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

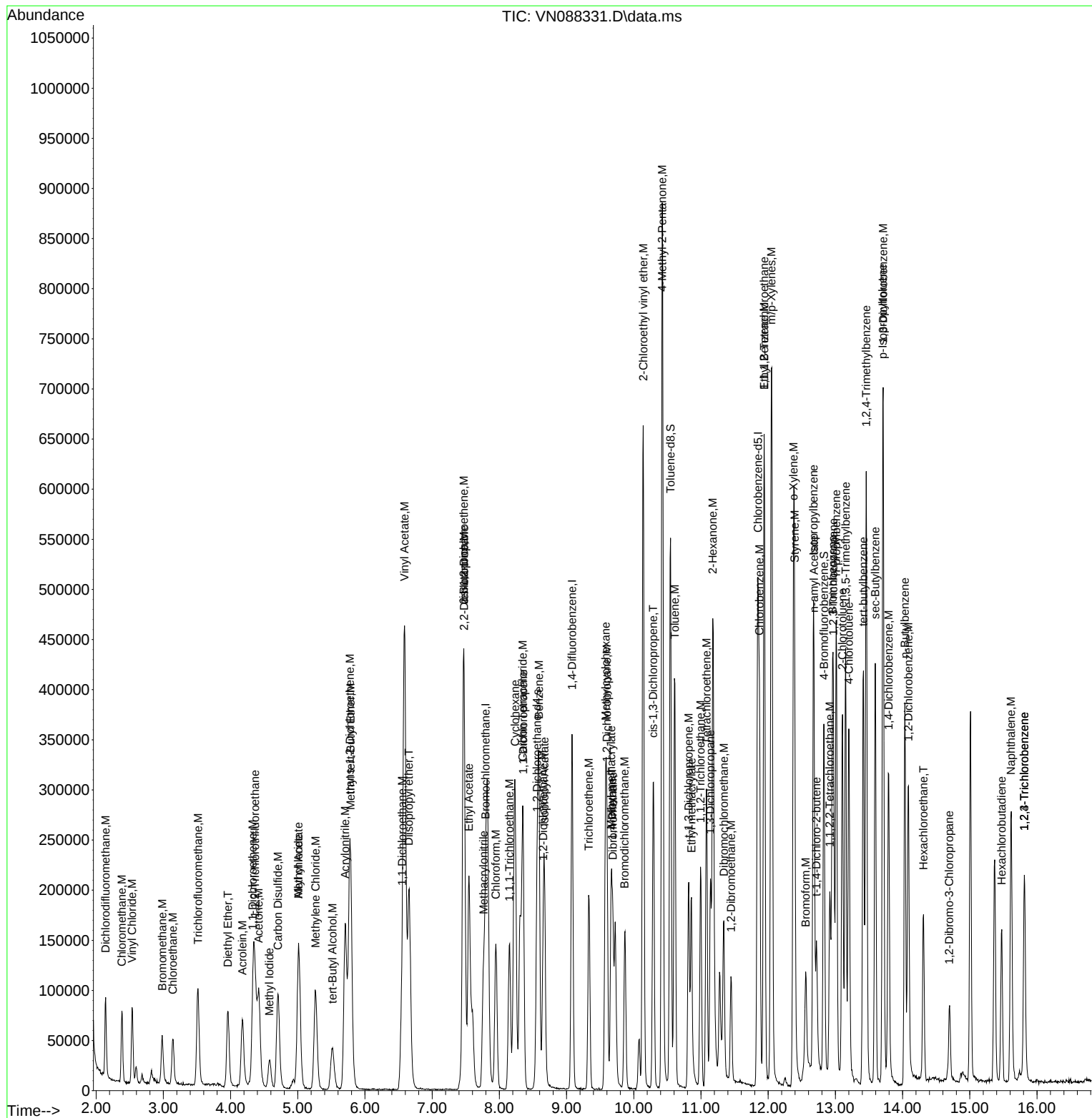
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	127086	20.371	ug/l	100
44) Isopropyl Acetate	8.671	43	199609	20.762	ug/l	100
45) 1,4-Dioxane	9.676	88	25947	448.157	ug/l #	91
46) Methyl methacrylate	9.665	41	91922	20.432	ug/l	97
47) n-amyl Acetate	12.682	43	16960	3.481	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	111360	19.474	ug/l	96
49) cis-1,3-Dichloropropene	10.288	75	122149	20.530	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	69766	21.244	ug/l	95
51) Ethyl methacrylate	10.859	69	106312	19.676	ug/l	96
52) 1,3-Dichloropropane	11.141	76	121476	20.311	ug/l	99
53) Dibromochloromethane	11.341	129	77067	20.430	ug/l	97
54) 1,2-Dibromoethane	11.447	107	70948	20.793	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	291310	93.596	ug/l	98
56) Bromoform	12.559	173	46355	19.414	ug/l	99
58) 4-Methyl-2-Pentanone	10.423	43	623224	108.470	ug/l	99
59) 2-Hexanone	11.176	43	377132	98.849	ug/l	98
61) Tetrachloroethene	11.082	164	62760	23.962	ug/l	96
62) Toluene	10.612	91	309541	21.233	ug/l	96
64) Chlorobenzene	11.870	112	185737	20.572	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	65858	21.312	ug/l	97
66) Ethyl Benzene	11.941	91	308789	19.219	ug/l	99
67) m/p-Xylenes	12.047	106	234259	38.989	ug/l	99
68) o-Xylene	12.376	106	110080	19.421	ug/l	98
69) Styrene	12.394	104	185519	19.272	ug/l	99
70) Isopropylbenzene	12.676	105	279360	18.598	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	95850	19.699	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	129217	27.413	ug/l	55
73) Bromobenzene	12.959	156	69420	20.471	ug/l	95
74) n-propylbenzene	13.012	91	347145	18.675	ug/l	99
75) 2-Chlorotoluene	13.106	91	213749	18.910	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	230970	18.318	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	29857	18.444	ug/l	99
78) 4-Chlorotoluene	13.200	91	216928	18.938	ug/l	97
79) tert-butylbenzene	13.417	119	195630	18.122	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	233494	18.623	ug/l	98
81) sec-Butylbenzene	13.594	105	282837	17.963	ug/l	100
82) p-Isopropyltoluene	13.706	119	237606	18.263	ug/l	97
83) 1,3-Dichlorobenzene	13.711	146	130959	19.876	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	130775	19.599	ug/l	98
85) n-Butylbenzene	14.035	91	221622	17.873	ug/l	99
86) Hexachloroethane	14.311	117	36857	14.795	ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	122806	19.747	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	22166	19.381	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	68025	19.492	ug/l	99
90) Hexachlorobutadiene	15.476	225	26070	19.236	ug/l	99
91) Naphthalene	15.611	128	255261	20.215	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	68025	19.492	ug/l	99

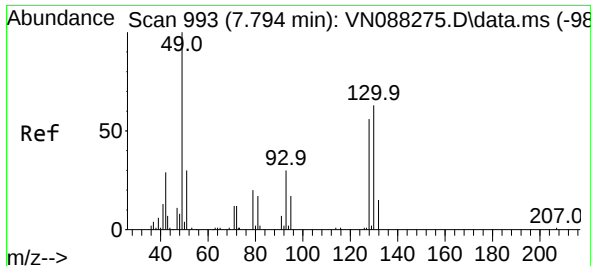
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088331.D
 Acq On : 20 Nov 2025 15:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 03:03:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

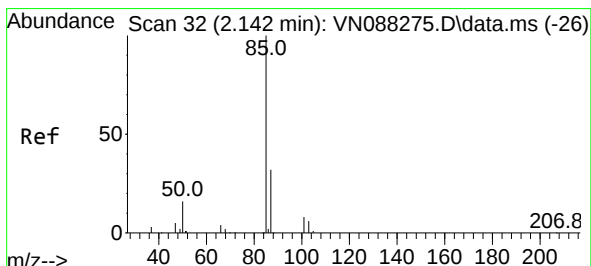
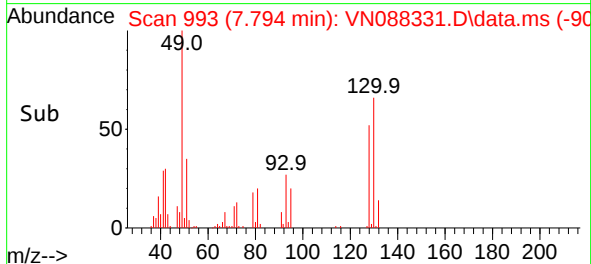
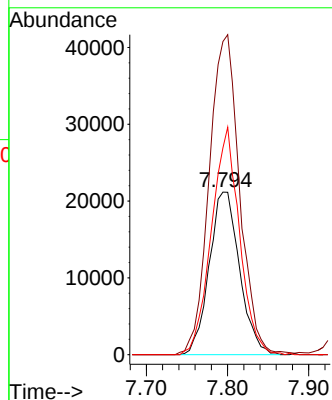
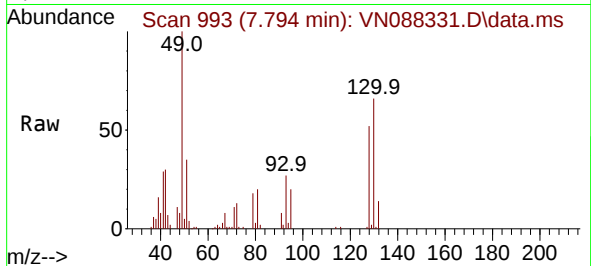




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

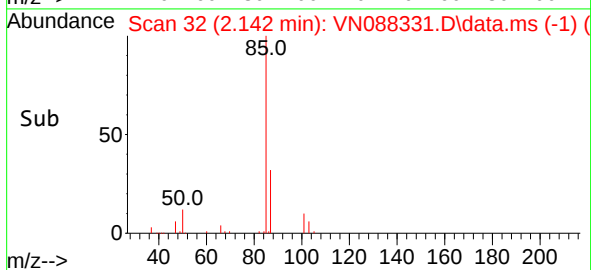
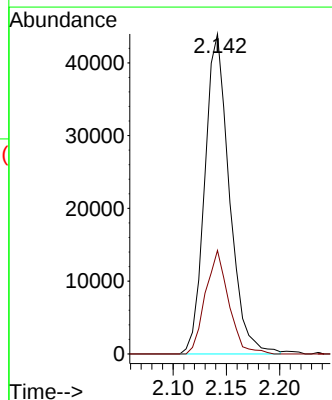
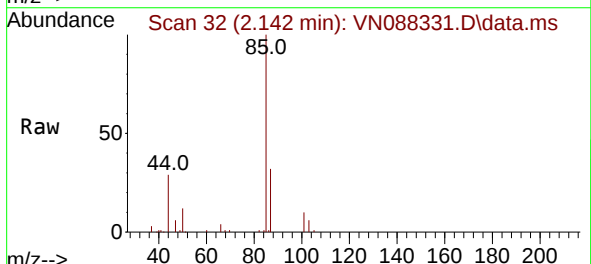
Instrument :
MSVOA_N
ClientSampleId :

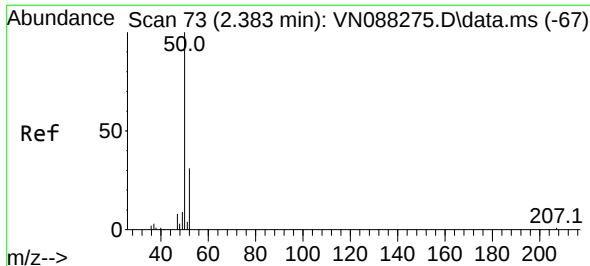
Tgt Ion:128 Resp: 54907
Ion Ratio Lower Upper
128 100
49 197.7 0.0 501.2
130 129.8 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 18.322 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 85 Resp: 70717
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

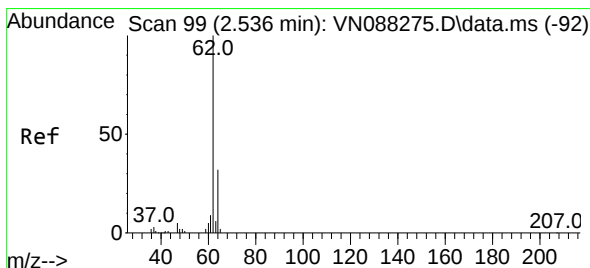
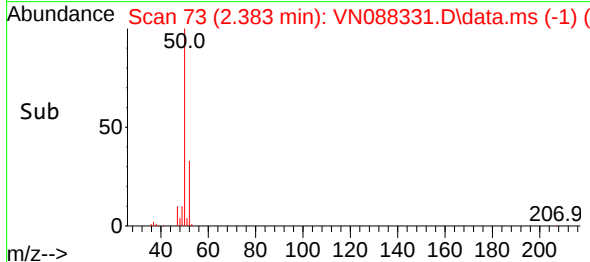
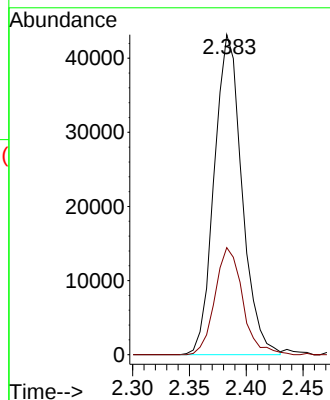
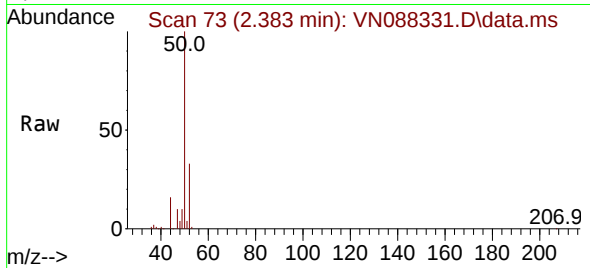




#3
Chloromethane
Concen: 18.417 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

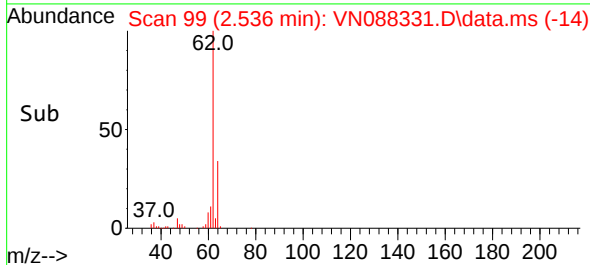
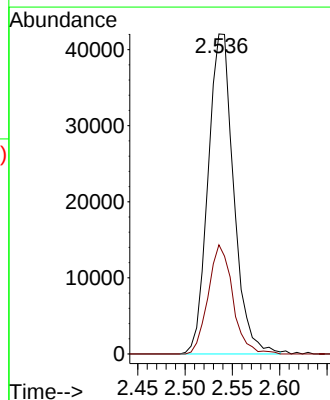
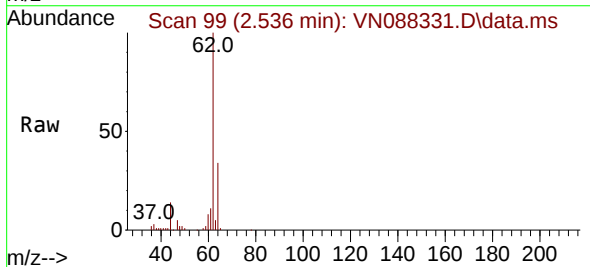
Instrument :
MSVOA_N
ClientSampleId :

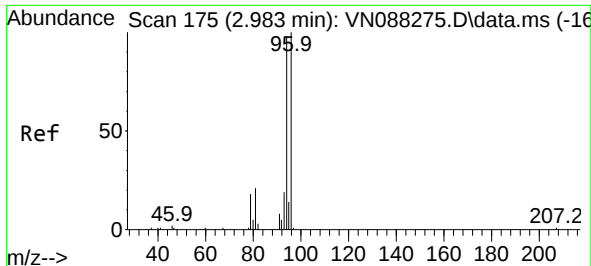
Tgt Ion: 50 Resp: 73290
Ion Ratio Lower Upper
50 100
52 33.4 24.6 36.8



#4
Vinyl Chloride
Concen: 18.777 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 62 Resp: 79011
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.2

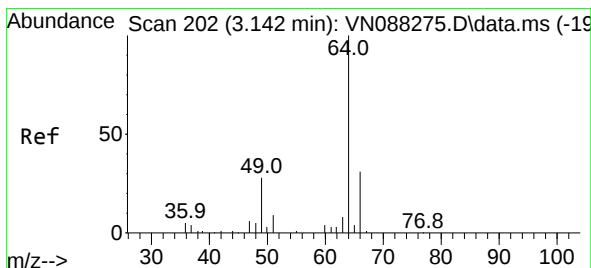
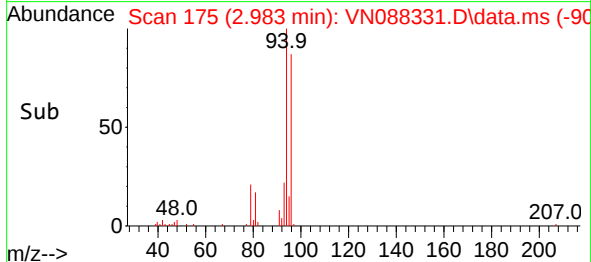
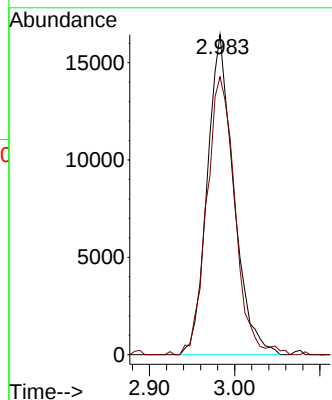
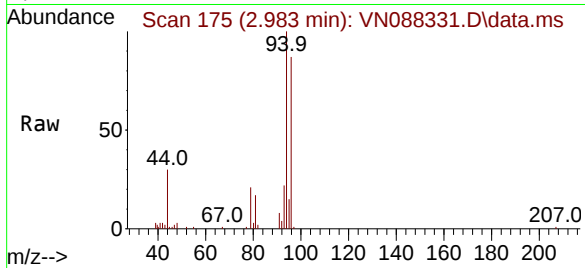




#5
Bromomethane
Concen: 15.814 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

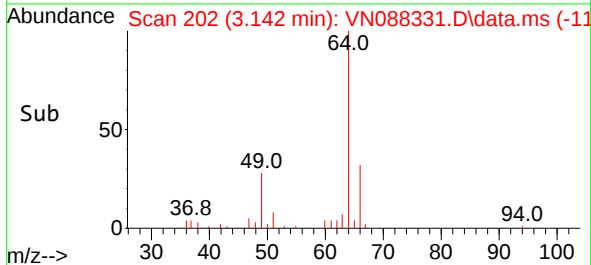
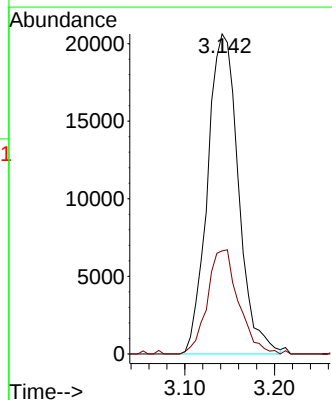
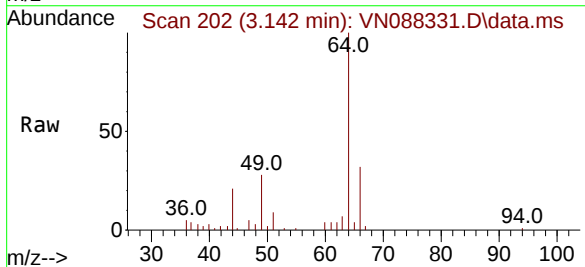
Instrument :
MSVOA_N
ClientSampleId :

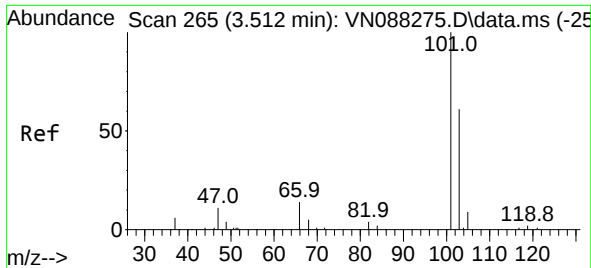
Tgt Ion: 94 Resp: 35480
Ion Ratio Lower Upper
94 100
96 86.8 81.3 121.9



#6
Chloroethane
Concen: 18.985 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 64 Resp: 49378
Ion Ratio Lower Upper
64 100
66 32.2 24.7 37.1

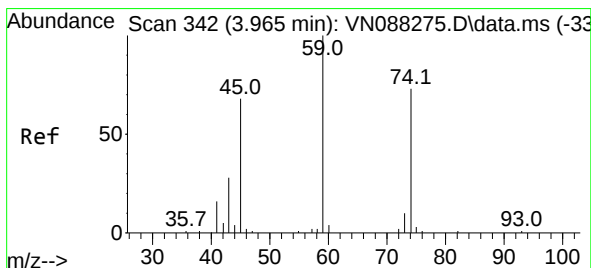
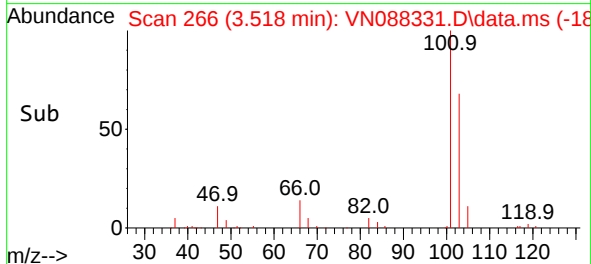
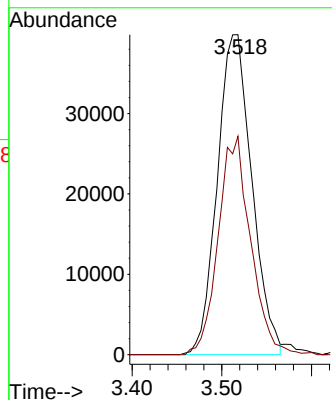
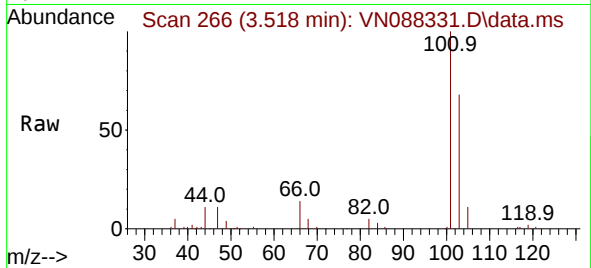




#7
 Trichlorofluoromethane
 Concen: 18.086 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

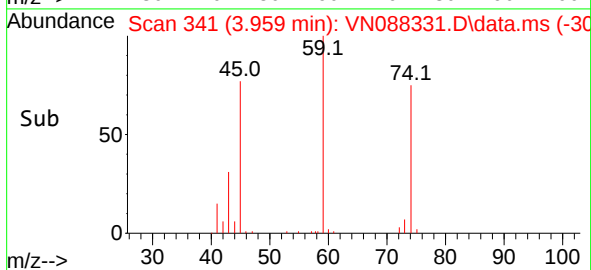
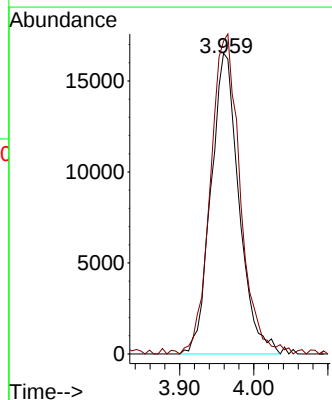
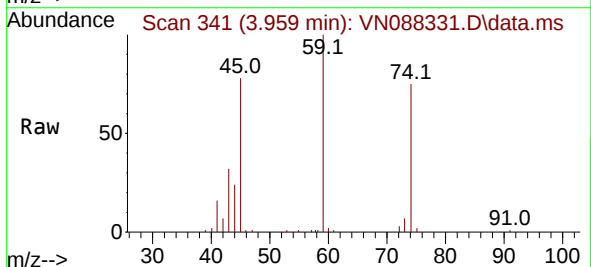
Instrument :
 MSVOA_N
 ClientSampleId :

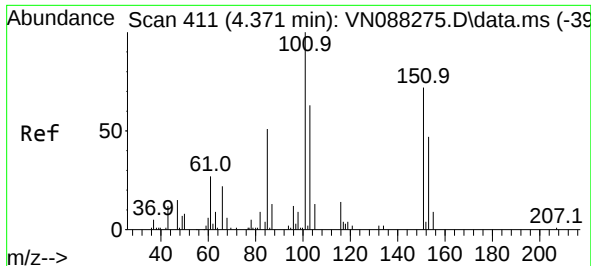
Tgt Ion:101 Resp: 106697
 Ion Ratio Lower Upper
 101 100
 103 68.2 48.6 73.0



#8
 Diethyl Ether
 Concen: 19.725 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion: 74 Resp: 43492
 Ion Ratio Lower Upper
 74 100
 45 111.5 20.9 187.7

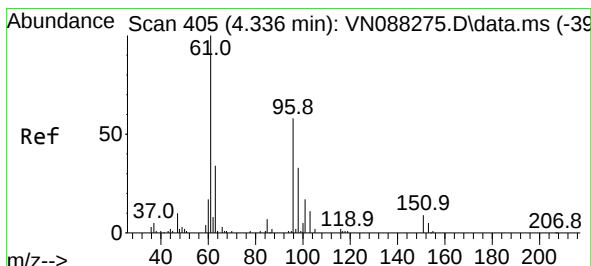
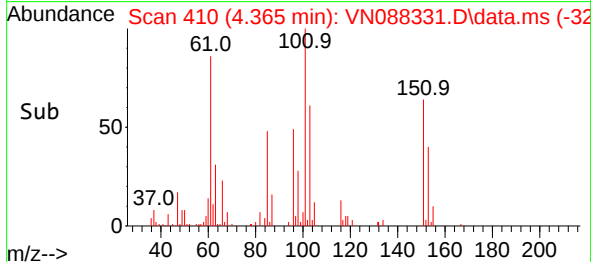
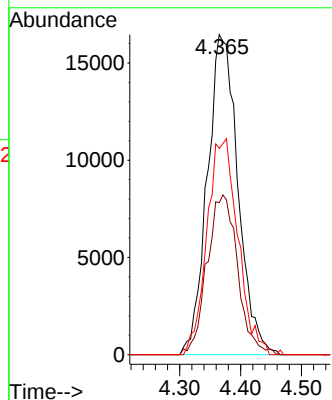
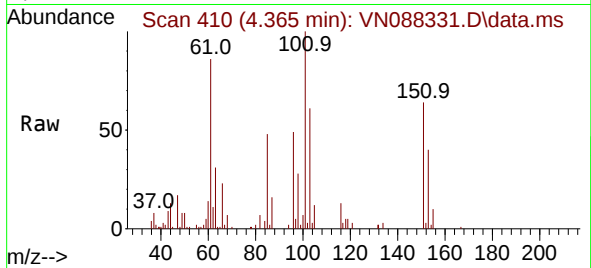




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.606 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

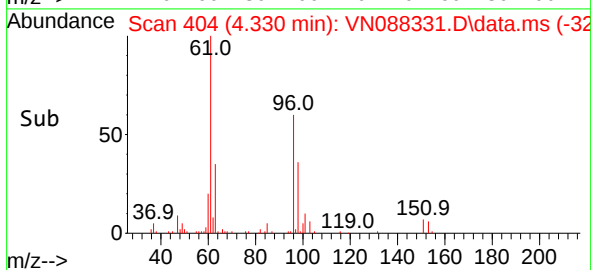
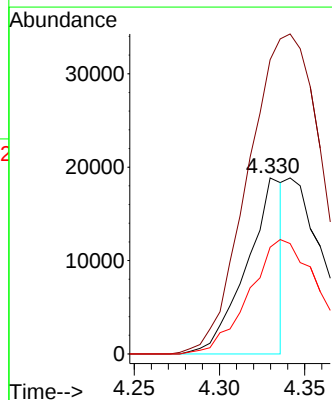
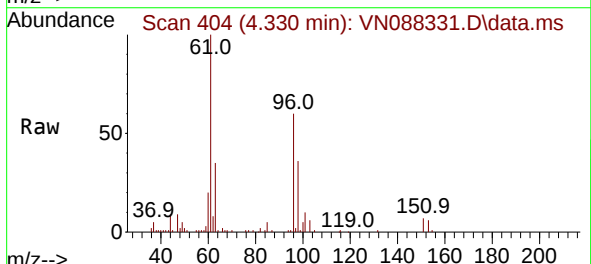
Instrument :
MSVOA_N
ClientSampleId :

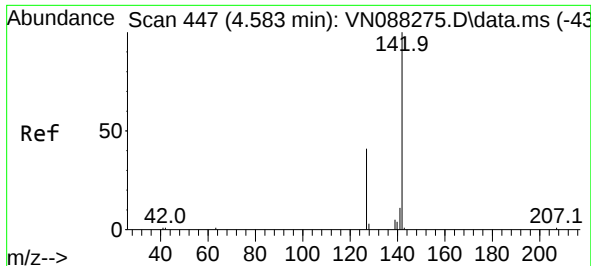
Tgt Ion:101 Resp: 57584
Ion Ratio Lower Upper
101 100
85 49.5 0.0 100.8
151 31.0 0.0 138.4



#10
1,1-Dichloroethene
Concen: 9.217 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

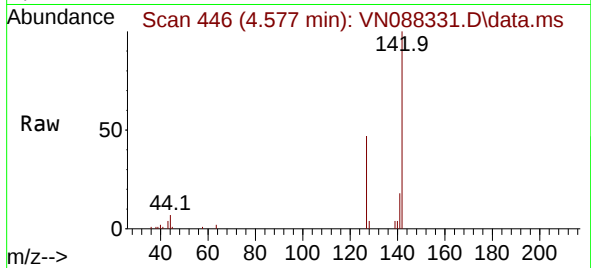
Tgt Ion: 96 Resp: 27830
Ion Ratio Lower Upper
96 100
61 166.3 137.8 206.8
98 60.7 45.6 68.4



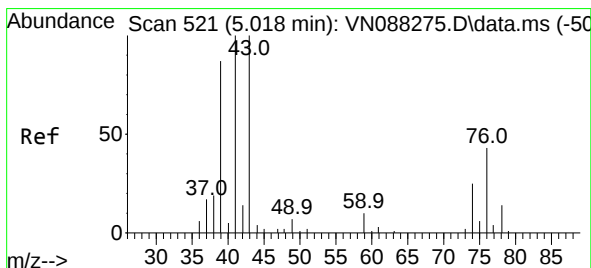
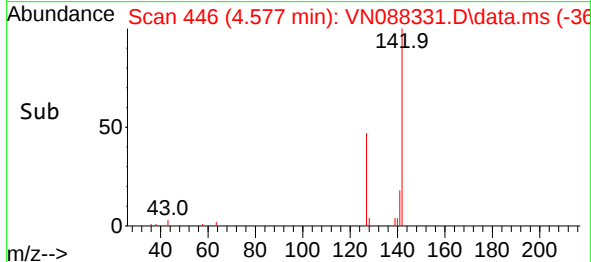
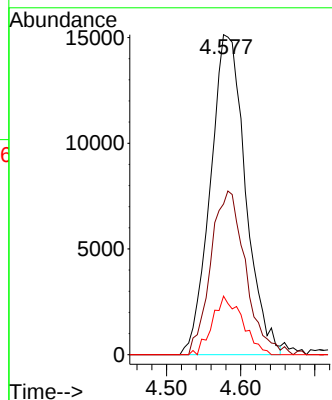


#11
Methyl Iodide
Concen: 15.466 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :

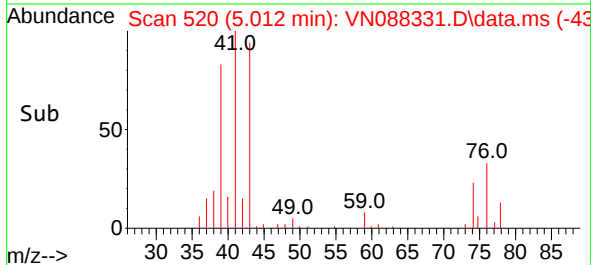
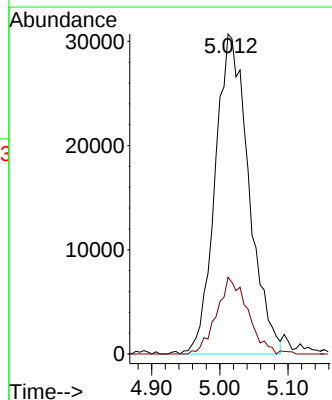
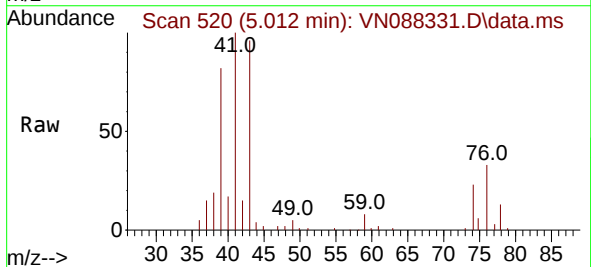


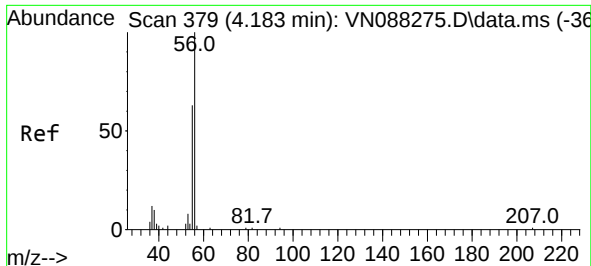
Tgt Ion:142 Resp: 49694
Ion Ratio Lower Upper
142 100
127 47.0 20.4 61.2
141 18.6 5.6 16.8#



#12
Methyl Acetate
Concen: 21.616 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 43 Resp: 105288
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8

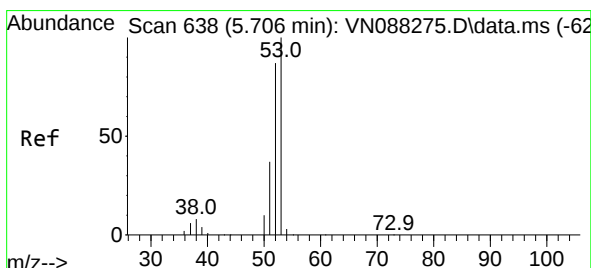
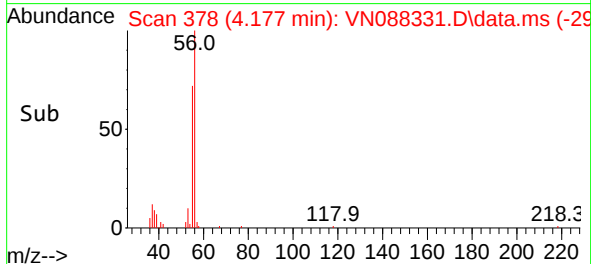
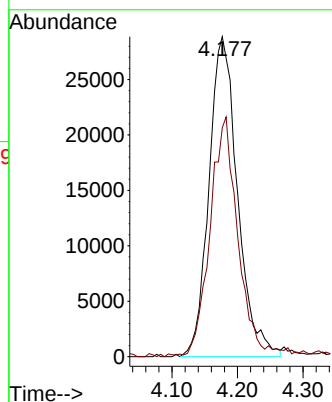
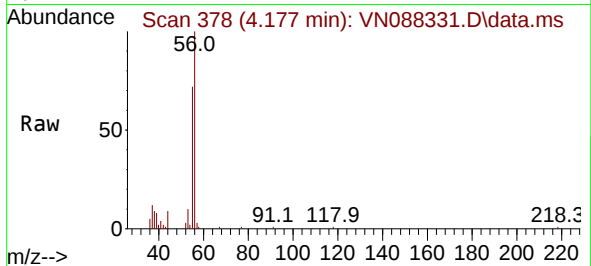




#13
Acrolein
Concen: 121.857 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

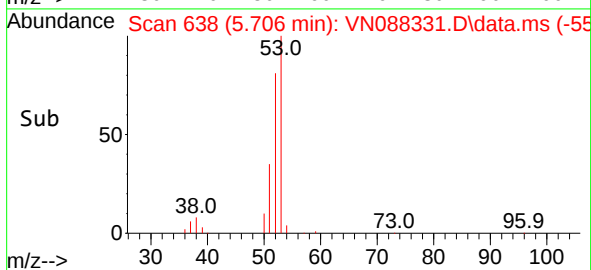
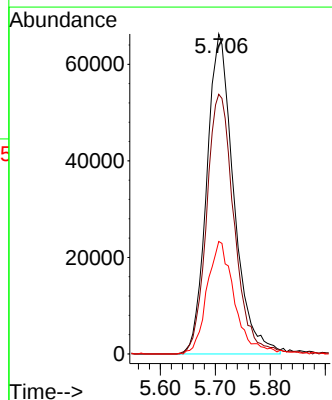
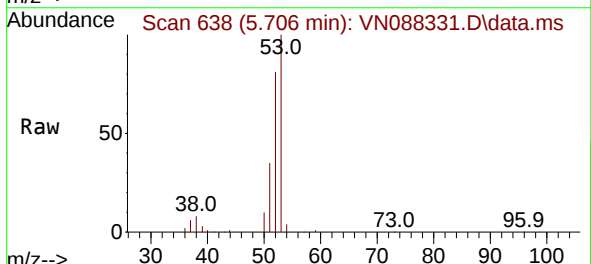
Instrument :
MSVOA_N
ClientSampleId :

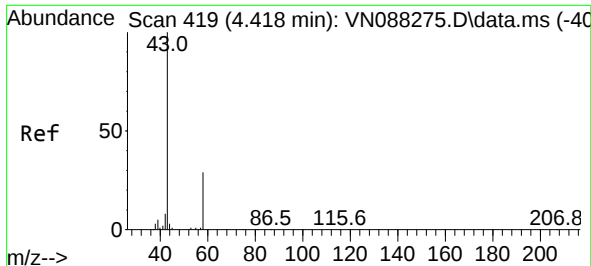
Tgt Ion: 56 Resp: 87330
Ion Ratio Lower Upper
56 100
55 70.1 57.9 86.9



#14
Acrylonitrile
Concen: 102.102 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 53 Resp: 225985
Ion Ratio Lower Upper
53 100
52 82.6 42.3 126.9
51 33.9 18.4 55.2

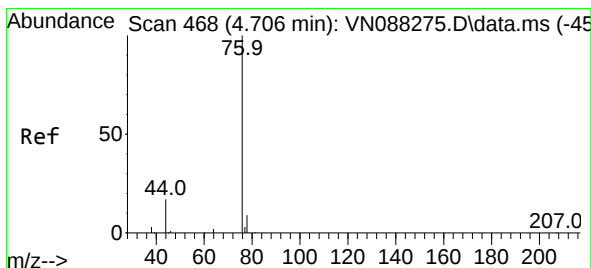
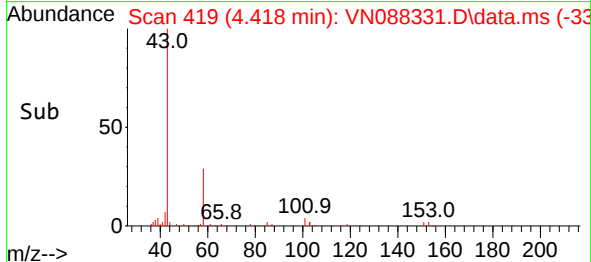
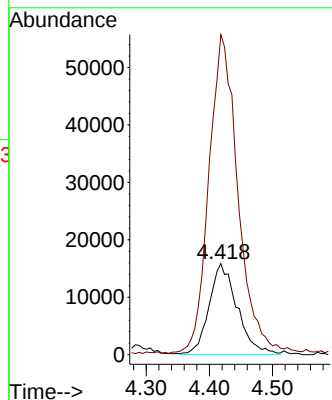
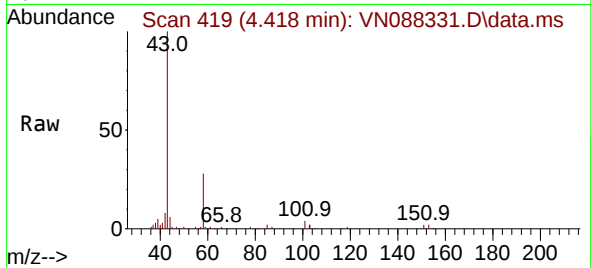




#15
Acetone
Concen: 76.212 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

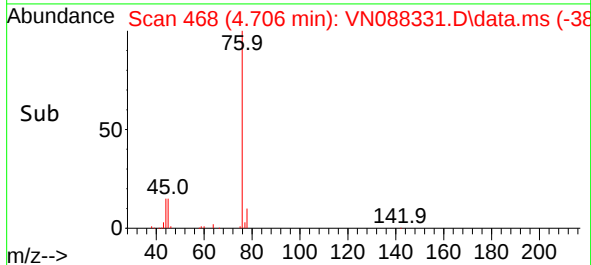
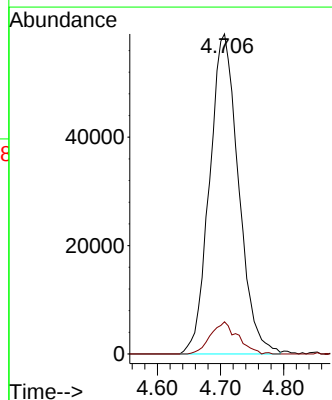
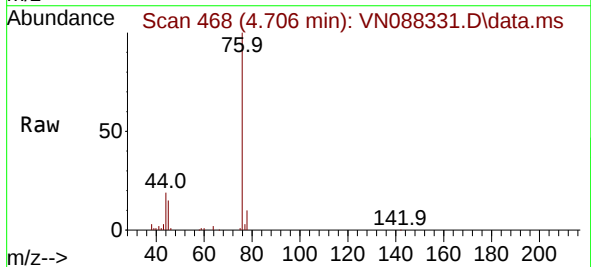
Instrument :
MSVOA_N
ClientSampleId :

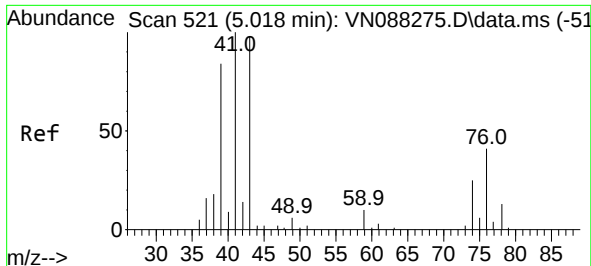
Tgt Ion: 58 Resp: 49329
Ion Ratio Lower Upper
58 100
43 352.0 273.9 410.9



#16
Carbon Disulfide
Concen: 18.522 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

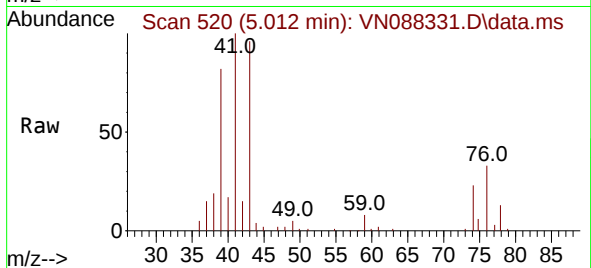
Tgt Ion: 76 Resp: 188606
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



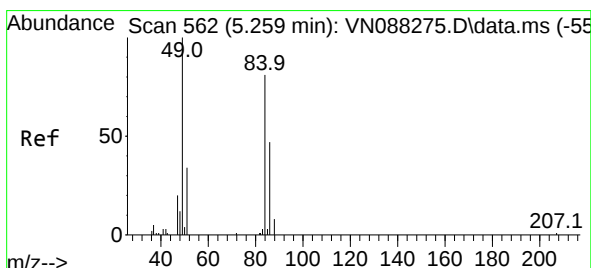
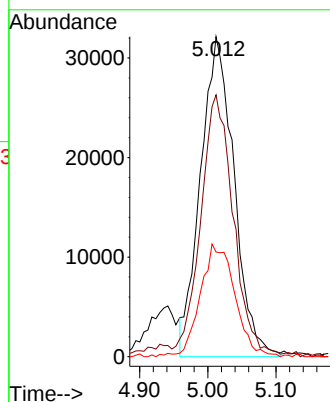
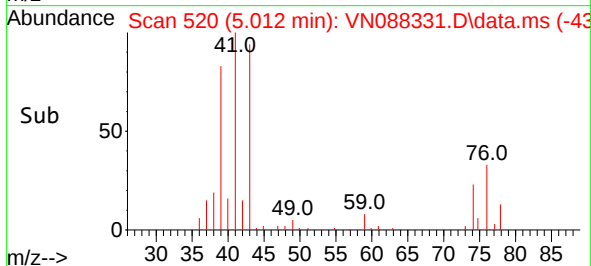


#17
 Allyl chloride
 Concen: 18.725 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

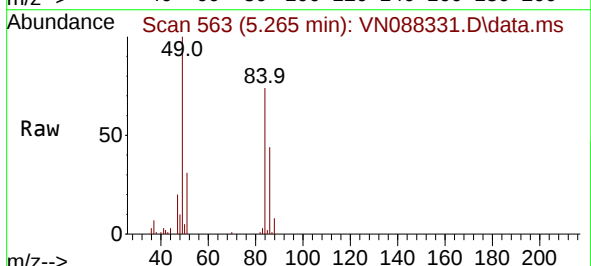
Instrument :
 MSVOA_N
 ClientSampleId :



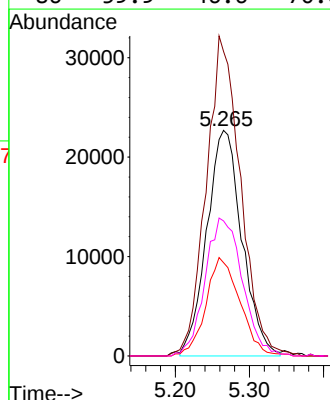
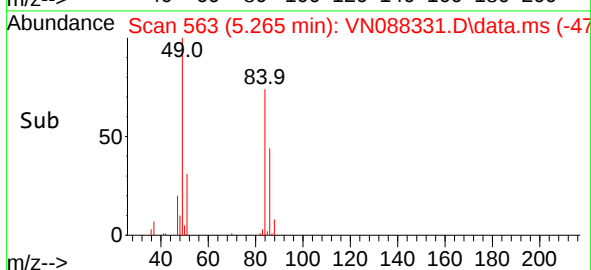
Tgt Ion: 41 Resp: 109864
 Ion Ratio Lower Upper
 41 100
 39 82.0 38.3 114.9
 76 33.1 18.5 55.5

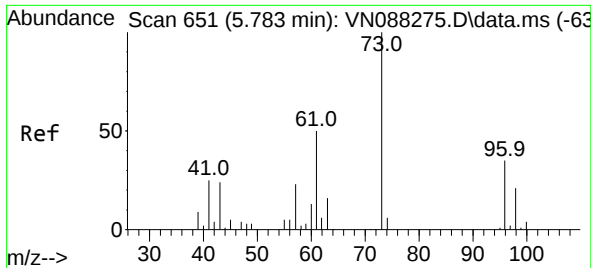


#18
 Methylene Chloride
 Concen: 19.935 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11



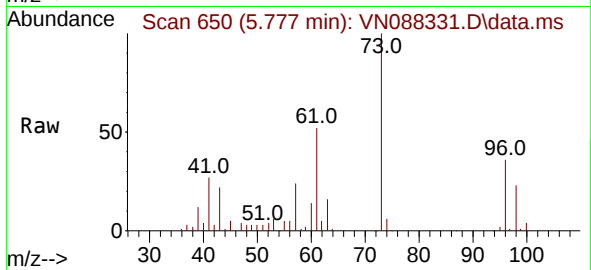
Tgt Ion: 84 Resp: 74812
 Ion Ratio Lower Upper
 84 100
 49 134.2 98.7 148.1
 51 41.0 33.7 50.5
 86 59.9 46.6 70.0





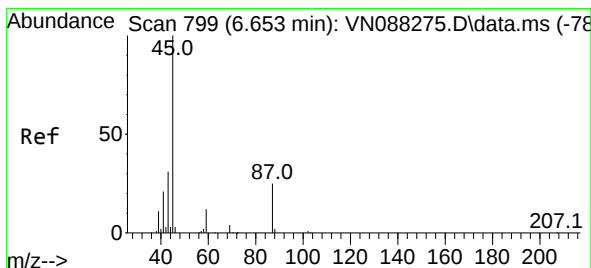
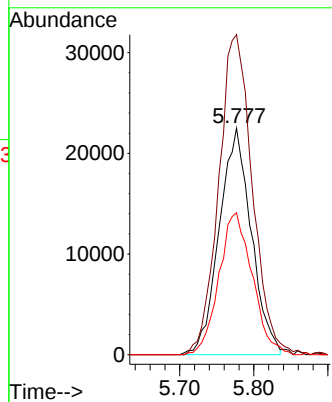
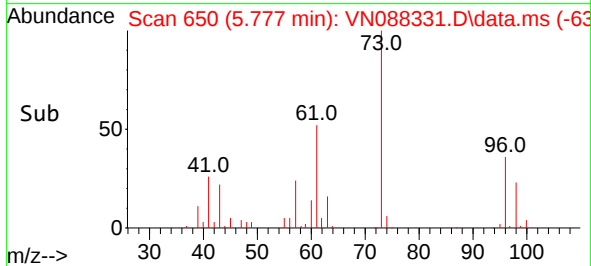
#19
trans-1,2-Dichloroethene
Concen: 19.195 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 96 Resp: 67487

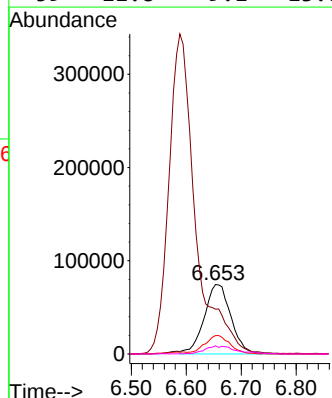
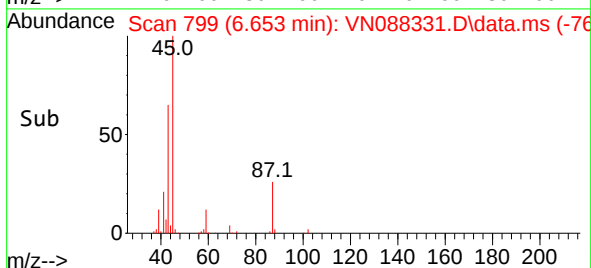
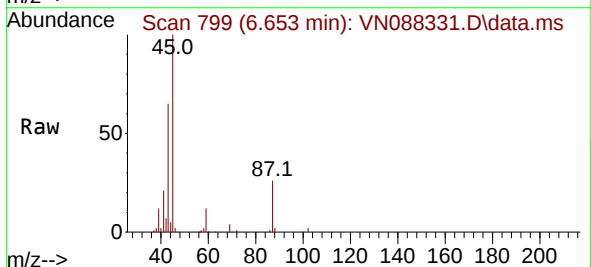
Ion	Ratio	Lower	Upper
96	100		
61	141.2	117.0	175.4
98	62.6	48.6	72.8

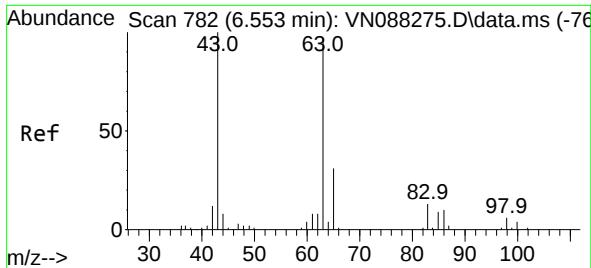


#20
Diisopropyl ether
Concen: 20.002 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 45 Resp: 250773

Ion	Ratio	Lower	Upper
45	100		
43	63.9	51.9	77.9
87	26.5	21.1	31.7
59	11.8	9.1	13.7

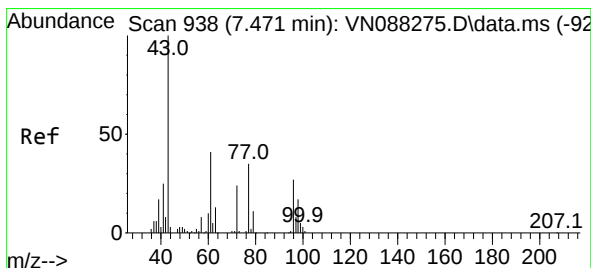
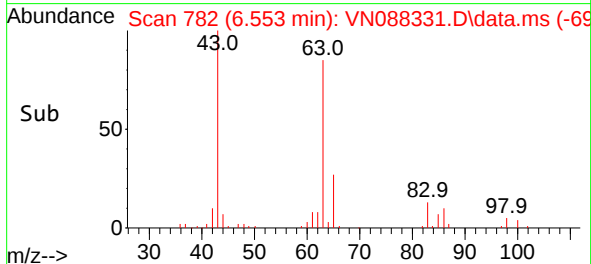
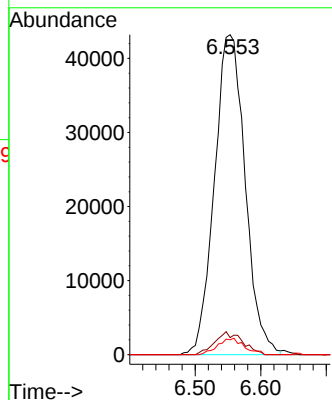
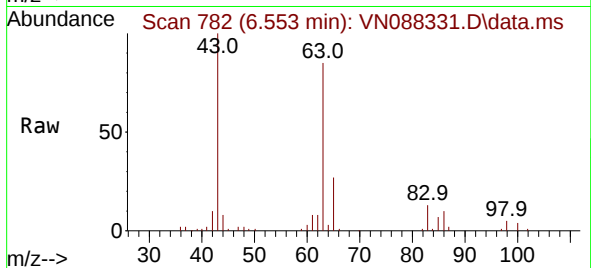




#21
1,1-Dichloroethane
Concen: 19.877 ug/l
RT: 6.553 min Scan# 712
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

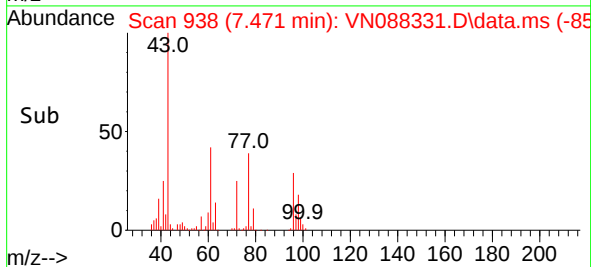
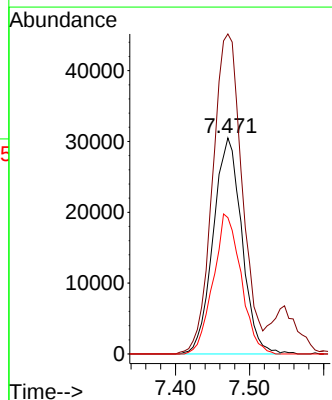
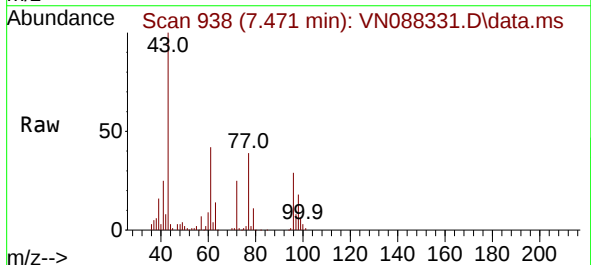
Instrument :
MSVOA_N
ClientSampleId :

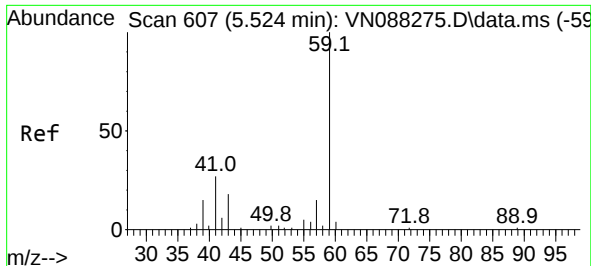
Tgt Ion: 63 Resp: 140400
Ion Ratio Lower Upper
63 100
98 5.4 3.0 9.0
100 4.7 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.988 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 96 Resp: 81678
Ion Ratio Lower Upper
96 100
61 152.9 131.2 196.8
98 63.1 51.0 76.4

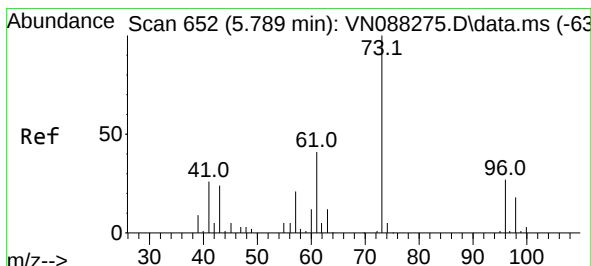
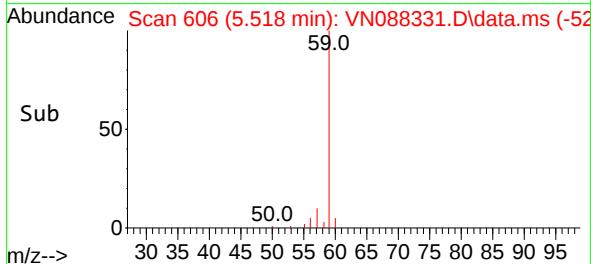
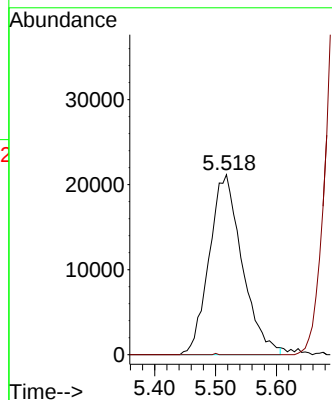
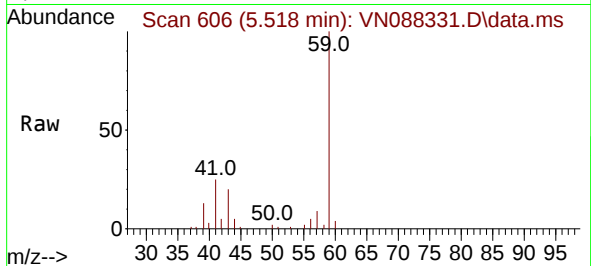




#23
tert-Butyl Alcohol
Concen: 97.786 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

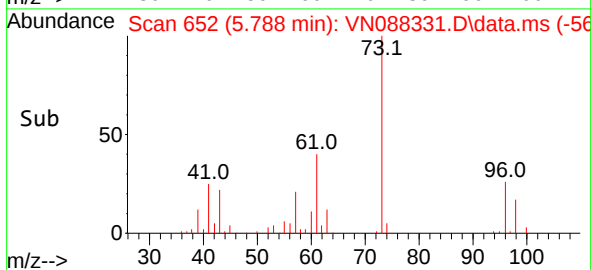
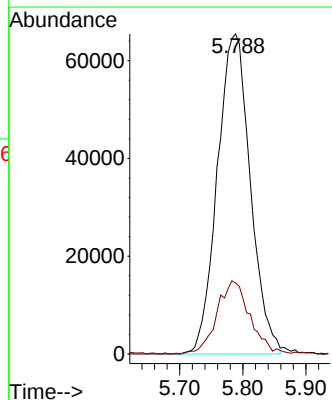
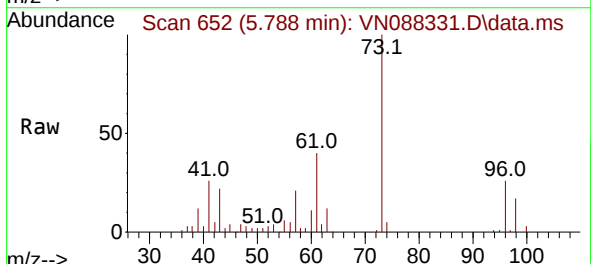
Instrument :
MSVOA_N
ClientSampleId :

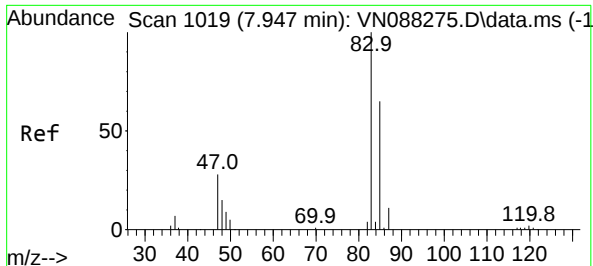
Tgt Ion: 59 Resp: 79584
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.527 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 73 Resp: 237705
Ion Ratio Lower Upper
73 100
43 22.4 18.5 27.7





#25

Chloroform

Concen: 20.150 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

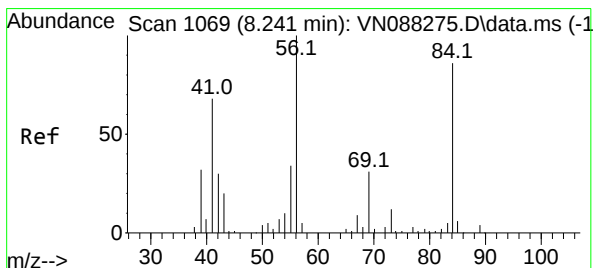
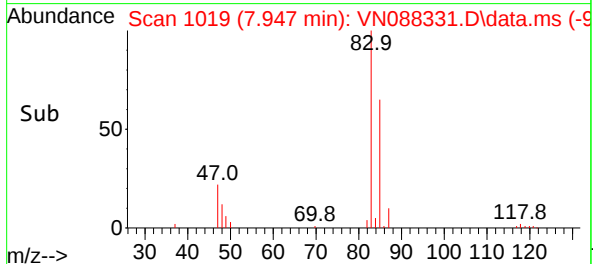
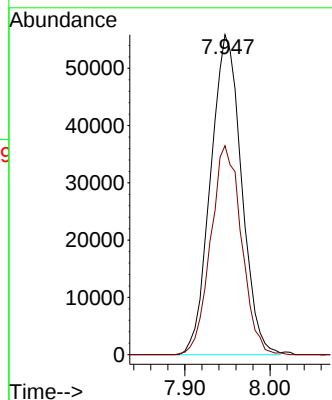
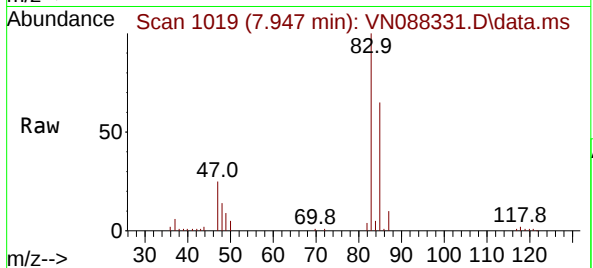
ClientSampleId :

Tgt Ion: 83 Resp: 141031

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4



#26

Cyclohexane

Concen: 17.567 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

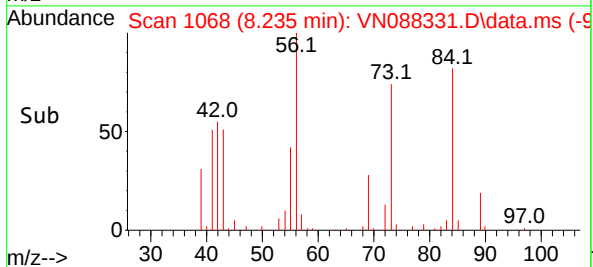
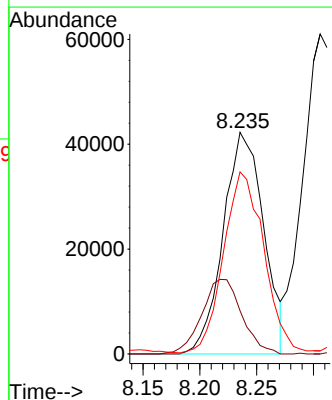
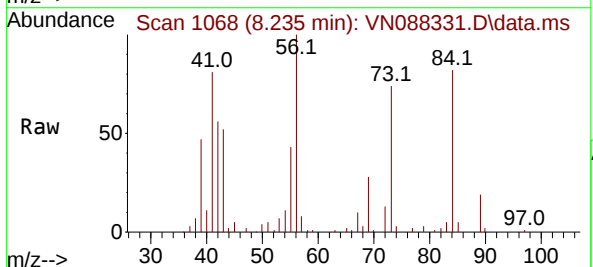
Tgt Ion: 56 Resp: 104811

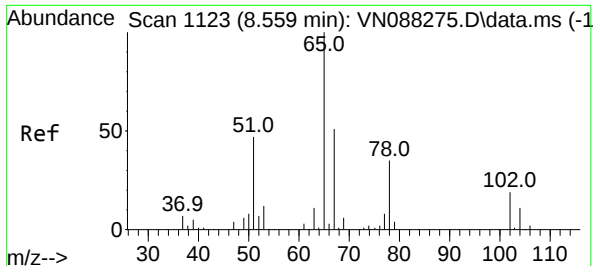
Ion Ratio Lower Upper

56 100

89 33.1 7.3 10.9#

84 82.8 67.8 101.8

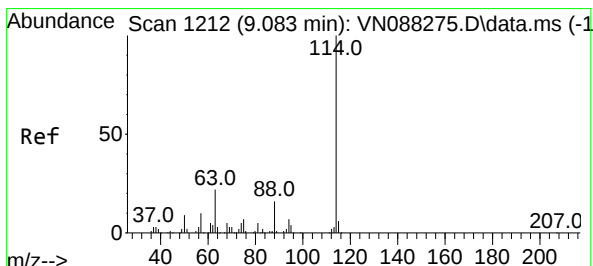
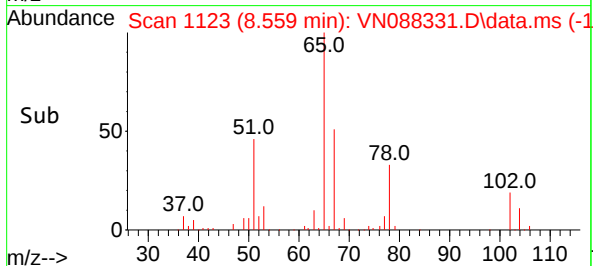
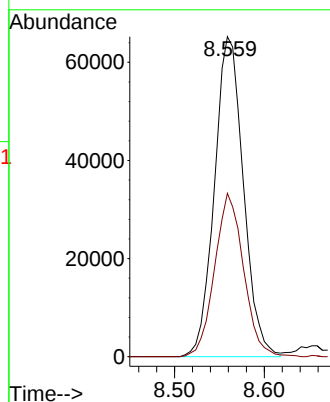
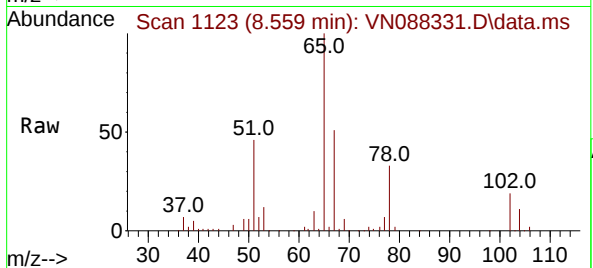




#27
 1,2-Dichloroethane-d4
 Concen: 29.125 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

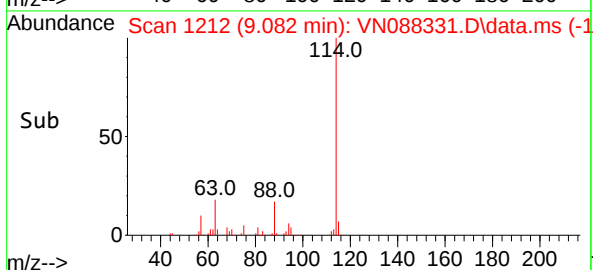
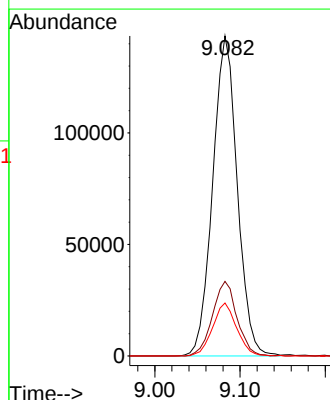
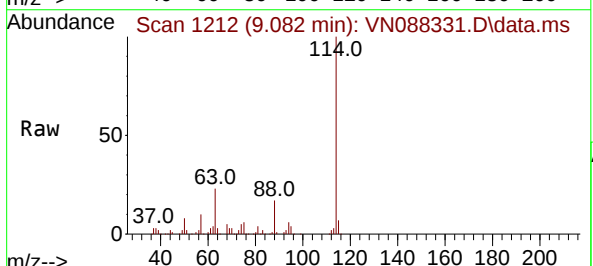
Instrument :
 MSVOA_N
 ClientSampleId :

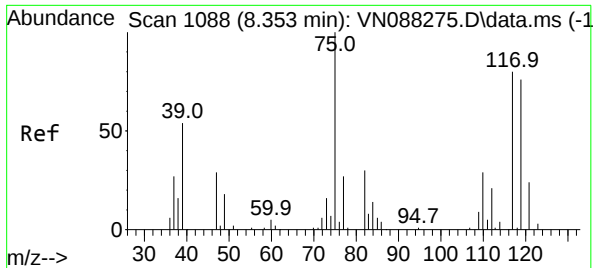
Tgt Ion: 65 Resp: 146075
 Ion Ratio Lower Upper
 65 100
 67 51.0 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion: 114 Resp: 287275
 Ion Ratio Lower Upper
 114 100
 63 23.2 18.9 28.3
 88 16.2 12.8 19.2

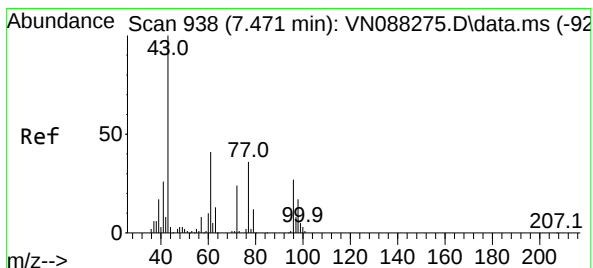
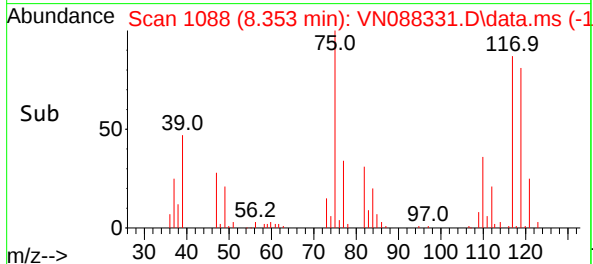
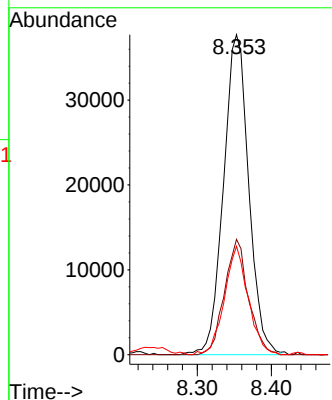
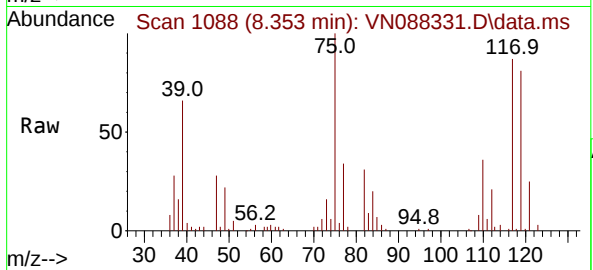




#29
1,1-Dichloropropene
Concen: 18.596 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

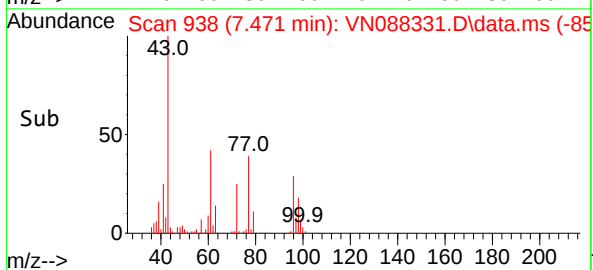
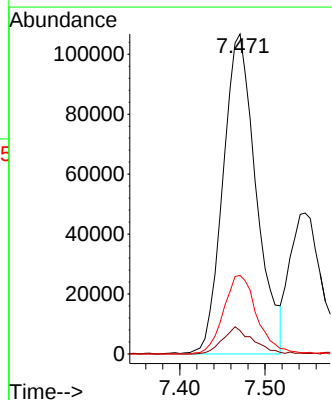
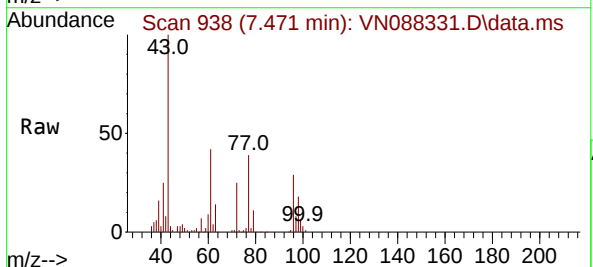
Instrument :
MSVOA_N
ClientSampleId :

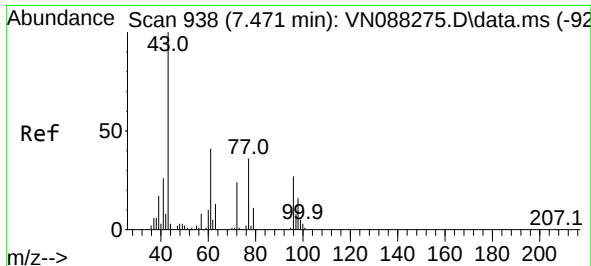
Tgt Ion: 75 Resp: 89139
Ion Ratio Lower Upper
75 100
110 34.1 0.0 65.6
77 31.9 0.0 60.8



#30
2-Butanone
Concen: 93.171 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 43 Resp: 288886
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.4
72 24.7 19.4 29.2

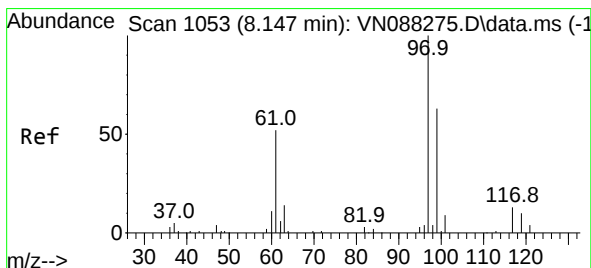
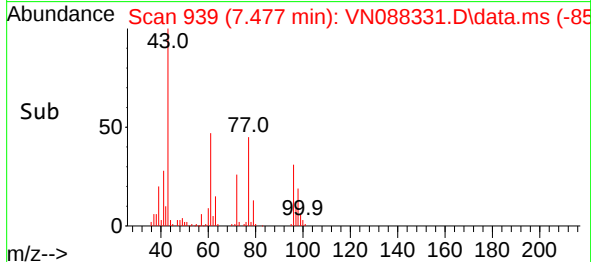
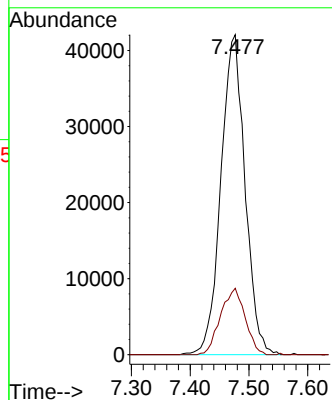
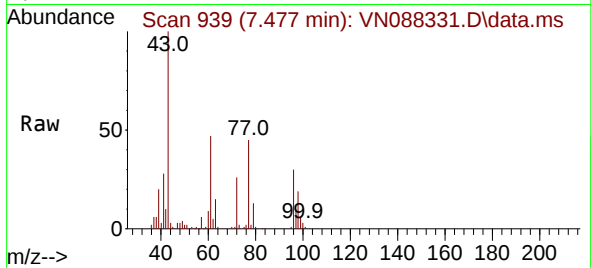




#31
2,2-Dichloropropane
Concen: 20.264 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

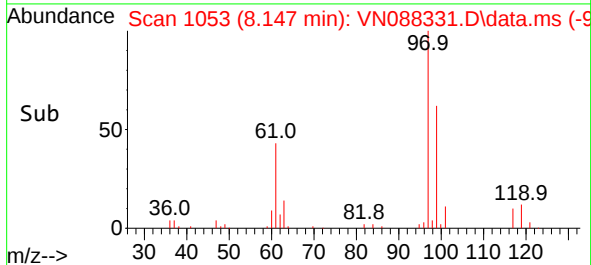
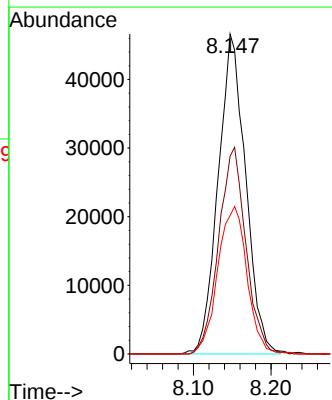
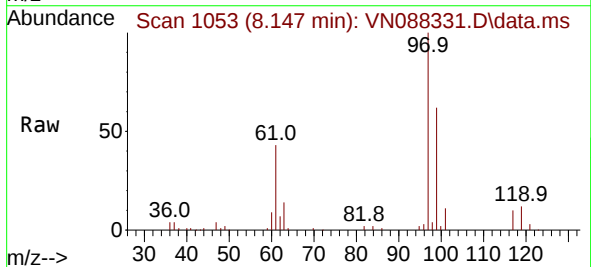
Instrument :
MSVOA_N
ClientSampleId :

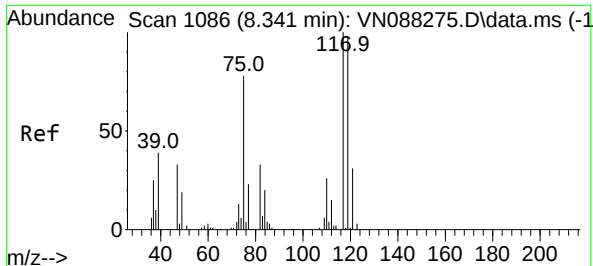
Tgt Ion: 77 Resp: 119800
Ion Ratio Lower Upper
77 100
97 21.2 16.8 25.2



#32
1,1,1-Trichloroethane
Concen: 19.440 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

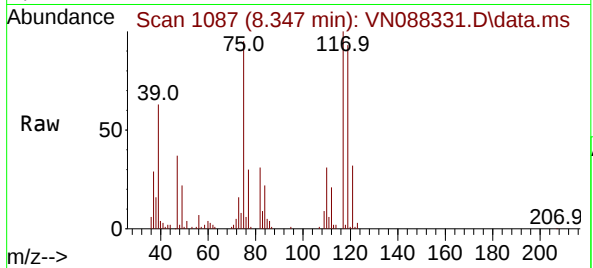
Tgt Ion: 97 Resp: 114870
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.4
61 49.0 39.8 59.8



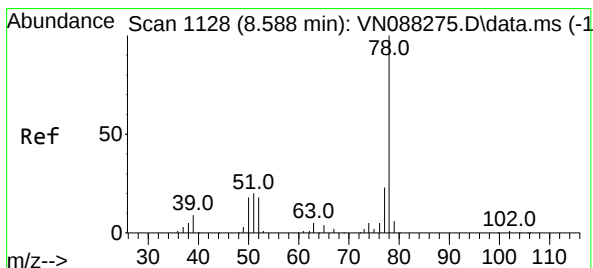
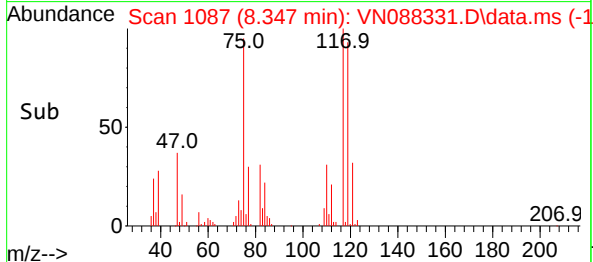
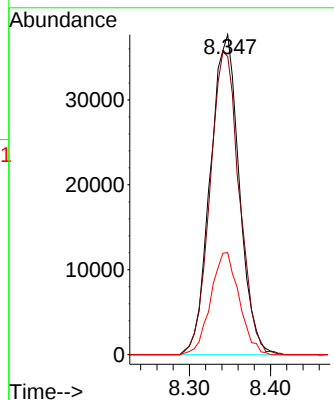


#33
Carbon Tetrachloride
Concen: 18.494 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :

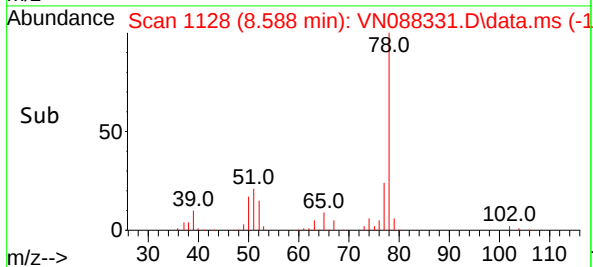
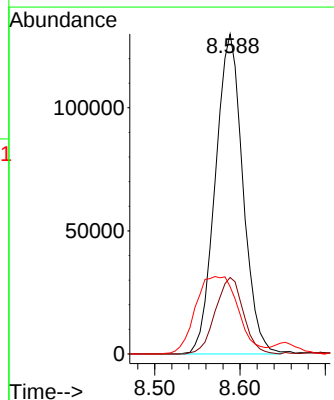
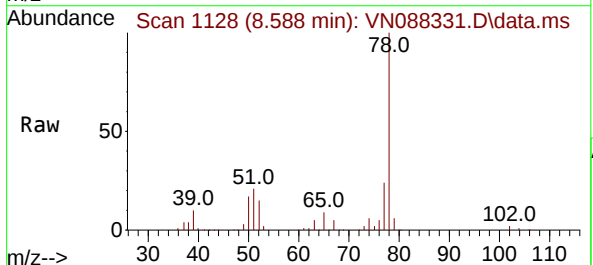


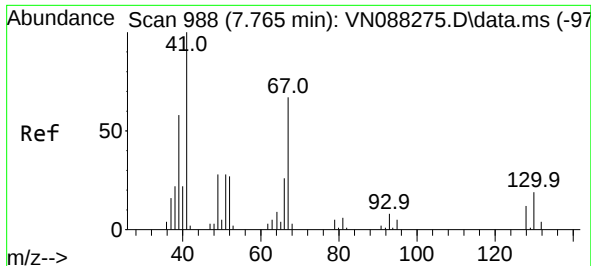
Tgt Ion:117 Resp: 93322
Ion Ratio Lower Upper
117 100
119 93.2 77.8 116.8
121 31.9 24.5 36.7



#34
Benzene
Concen: 20.352 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 78 Resp: 291593
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
51 18.8 15.8 23.8

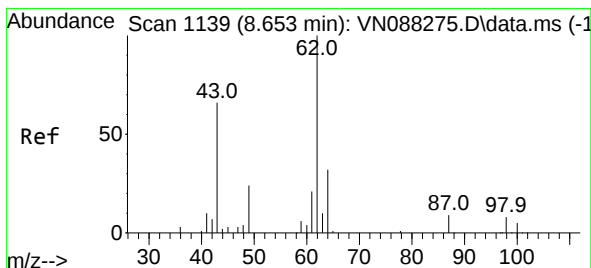
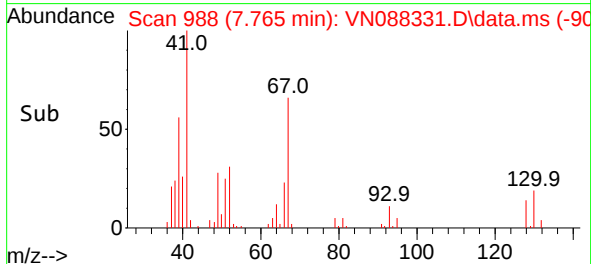
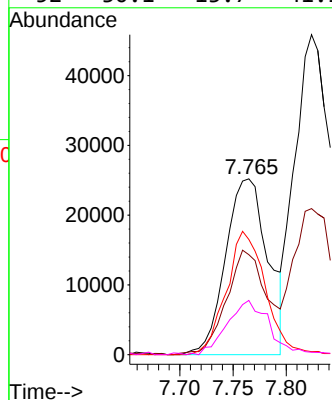
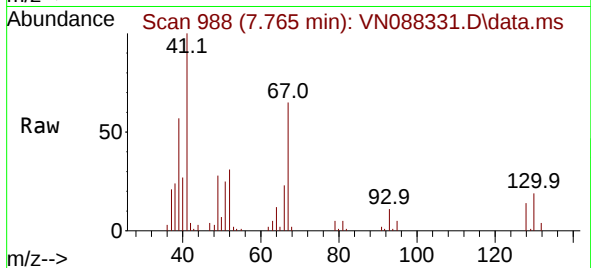




#35
Methacrylonitrile
Concen: 21.567 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

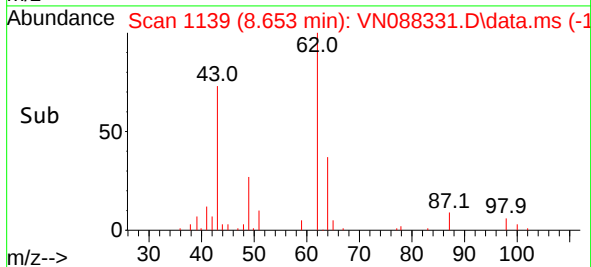
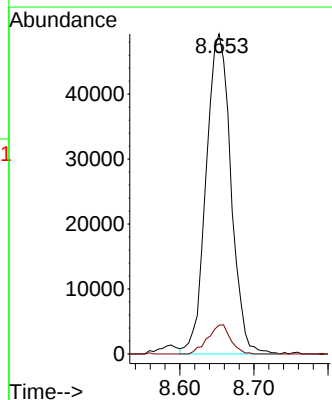
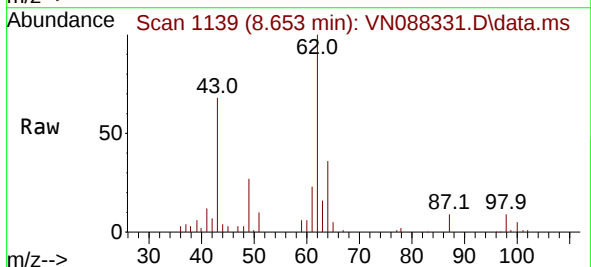
Instrument :
MSVOA_N
ClientSampleId :

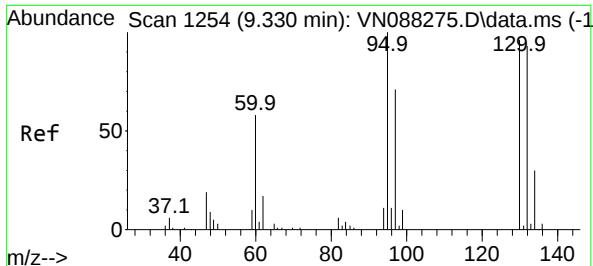
Tgt Ion:	41	Resp:	69752
Ion	Ratio	Lower	Upper
41	100		
39	56.1	29.0	87.0
67	65.5	33.3	99.9
52	30.1	13.7	41.1



#36
1,2-Dichloroethane
Concen: 20.575 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion:	62	Resp:	114728
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.8	10.2





#37

Trichloroethene

Concen: 20.334 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

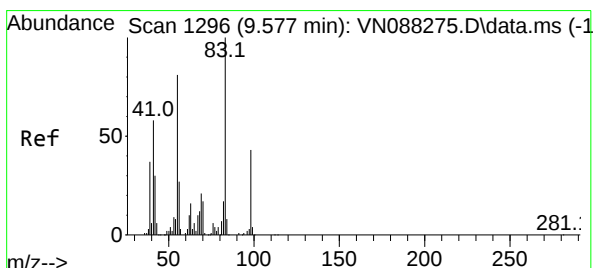
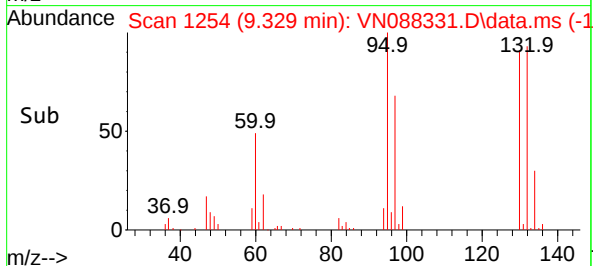
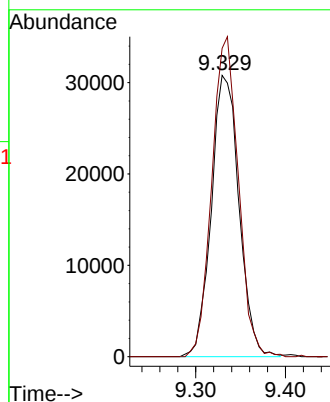
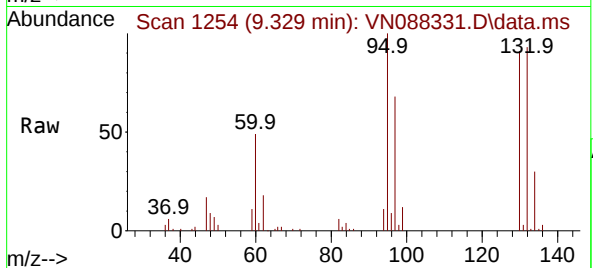
ClientSampleId :

Tgt Ion:130 Resp: 66021

Ion Ratio Lower Upper

130 100

95 109.6 83.7 125.5



#38

Methylcyclohexane

Concen: 16.955 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

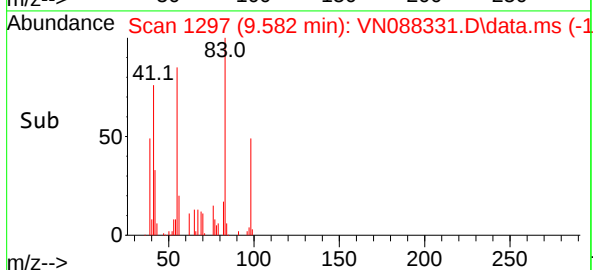
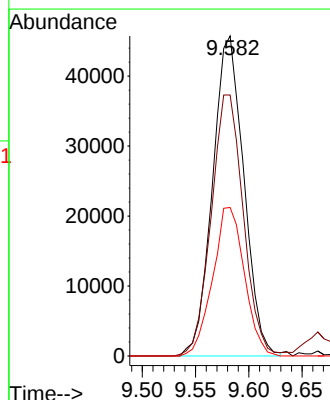
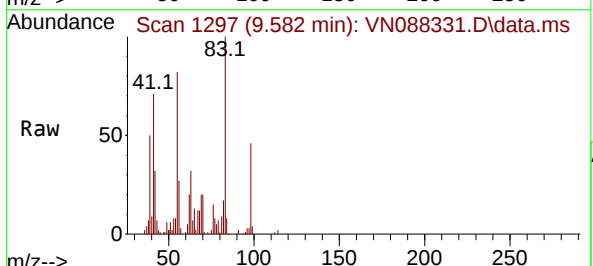
Tgt Ion: 83 Resp: 93173

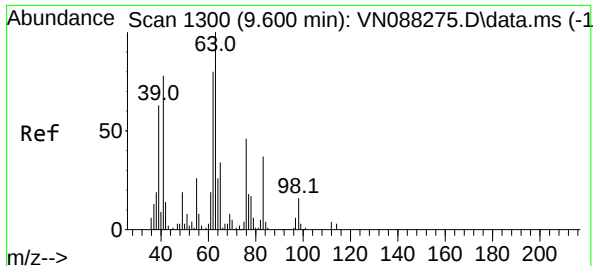
Ion Ratio Lower Upper

83 100

55 83.8 40.8 122.5

98 47.2 23.4 70.3





#39

1,2-Dichloropropane

Concen: 20.834 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

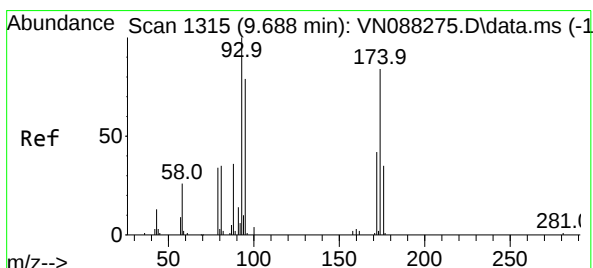
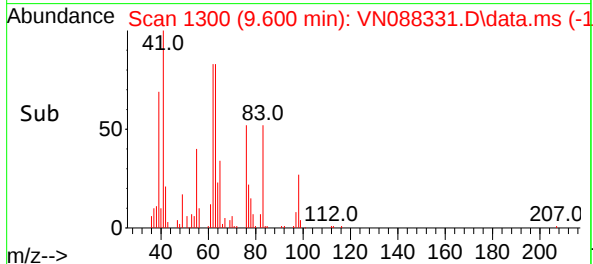
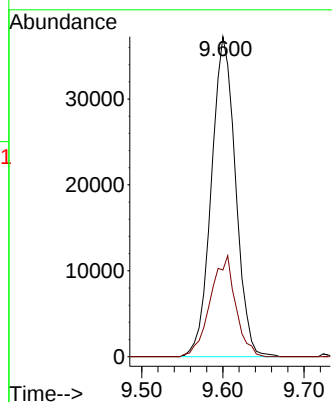
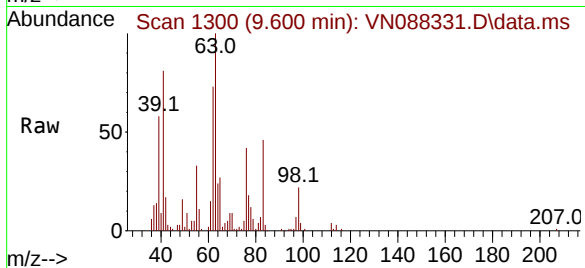
ClientSampleId :

Tgt Ion: 63 Resp: 77013

Ion Ratio Lower Upper

63 100

65 27.1 27.8 41.6#



#40

Dibromomethane

Concen: 20.754 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

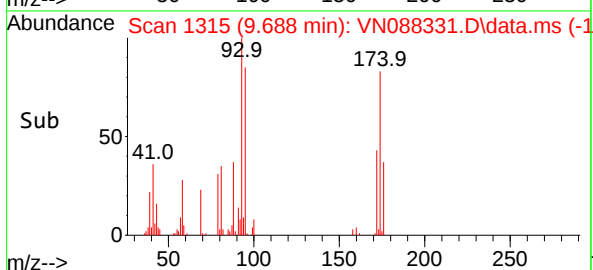
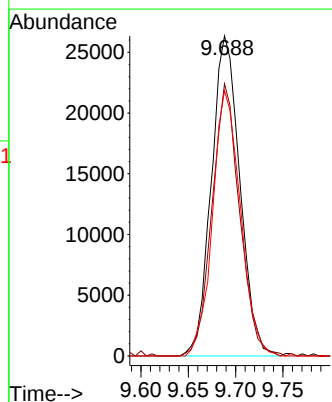
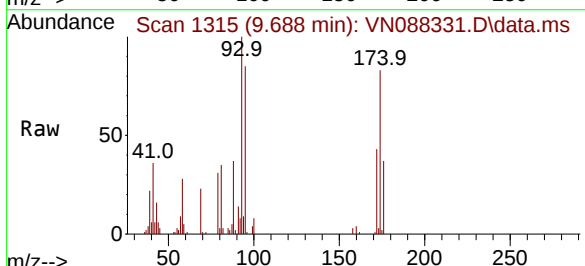
Tgt Ion: 93 Resp: 55121

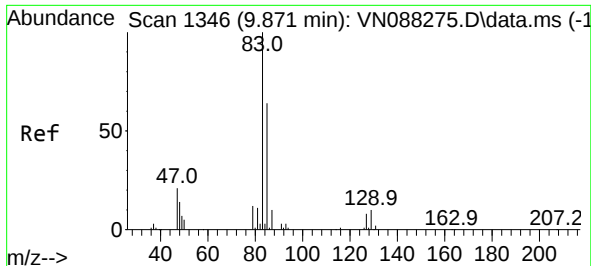
Ion Ratio Lower Upper

93 100

95 82.3 0.0 161.6

174 81.3 0.0 158.2

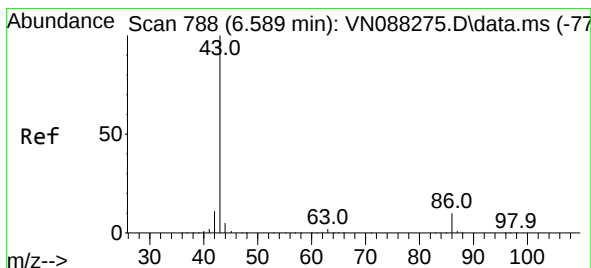
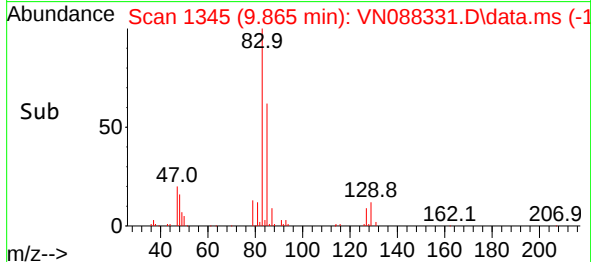
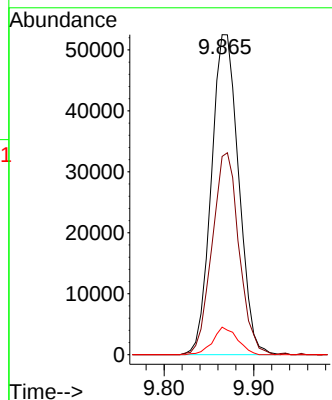
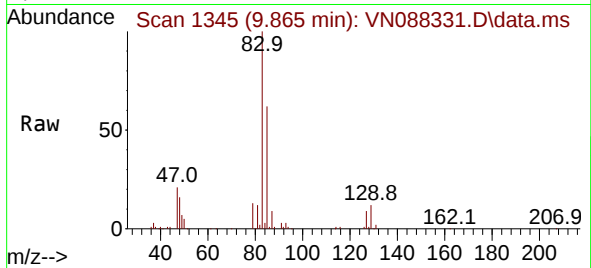




#41
Bromodichloromethane
Concen: 20.746 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

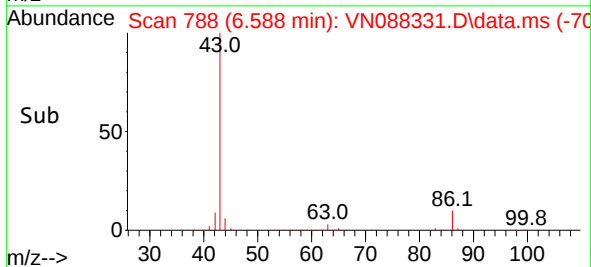
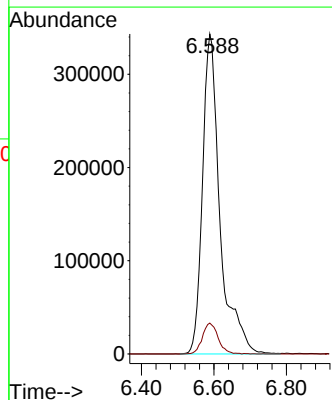
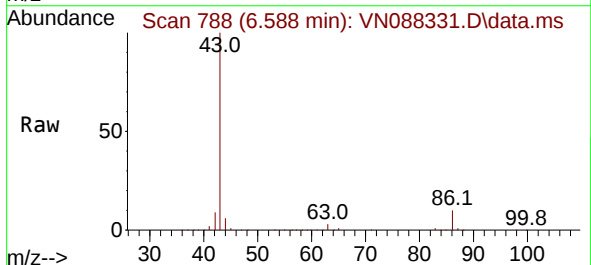
Instrument :
MSVOA_N
ClientSampleId :

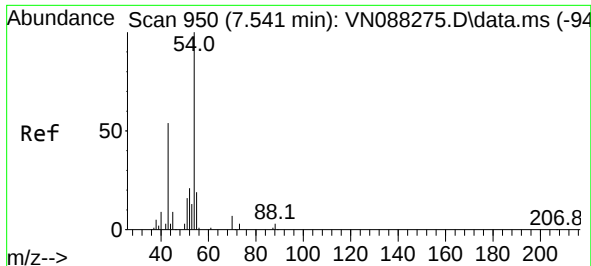
Tgt Ion: 83 Resp: 110916
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.2
127 8.6 6.4 9.6



#42
Vinyl Acetate
Concen: 111.185 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

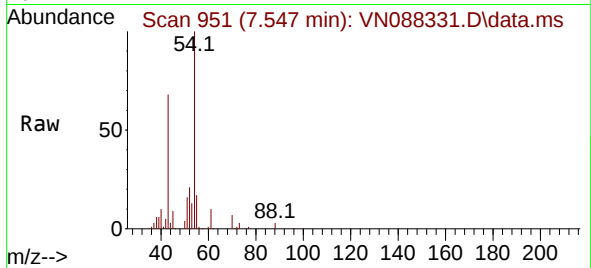
Tgt Ion: 43 Resp: 1150620
Ion Ratio Lower Upper
43 100
86 8.6 7.4 11.2



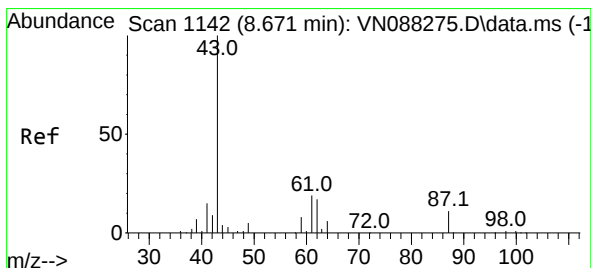
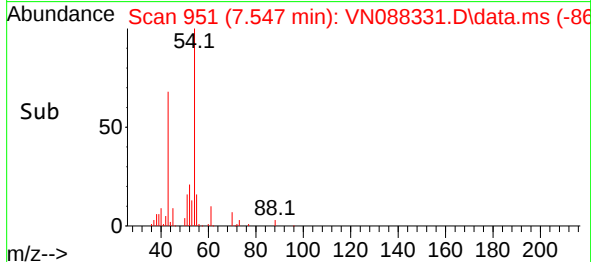
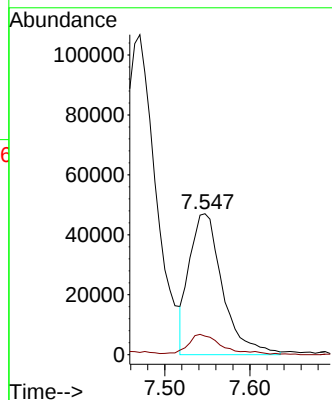


#43
Ethyl Acetate
Concen: 20.371 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :

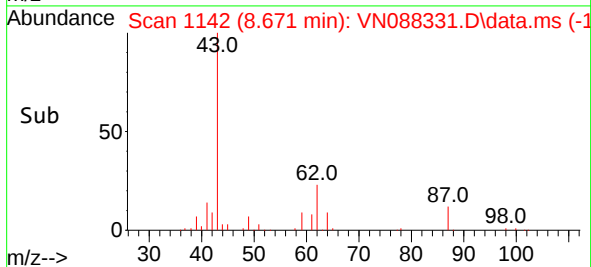
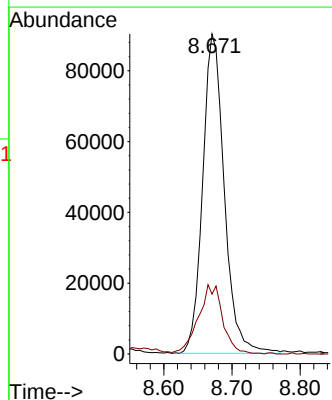
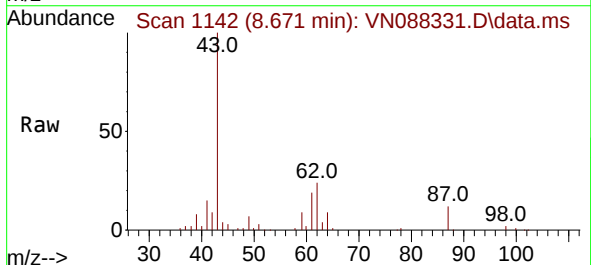


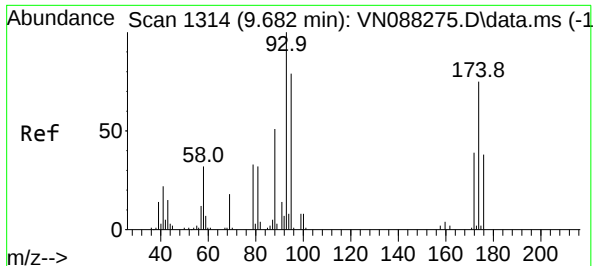
Tgt Ion: 43 Resp: 127086
Ion Ratio Lower Upper
43 100
45 12.2 9.9 14.9



#44
Isopropyl Acetate
Concen: 20.762 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 43 Resp: 199609
Ion Ratio Lower Upper
43 100
61 23.7 19.0 28.6

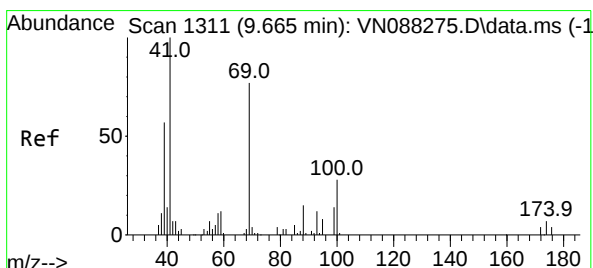
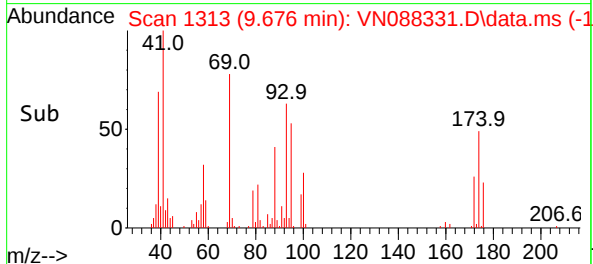
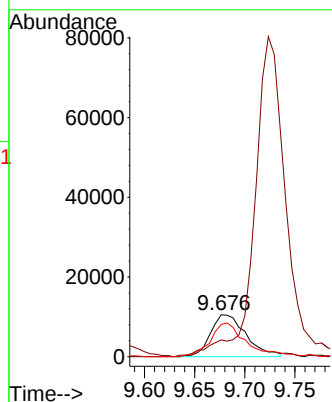
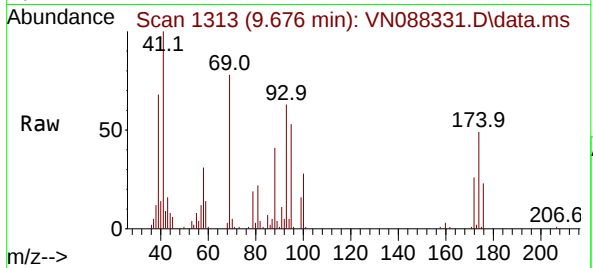




#45
1,4-Dioxane
Concen: 448.157 ug/l
RT: 9.676 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

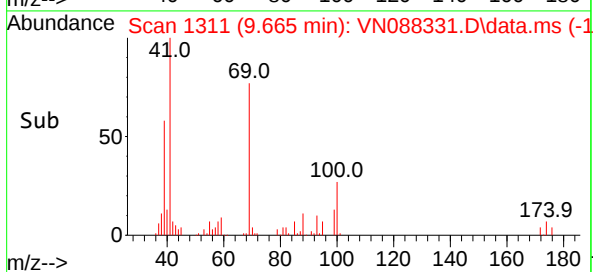
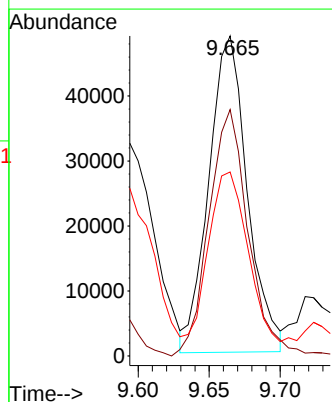
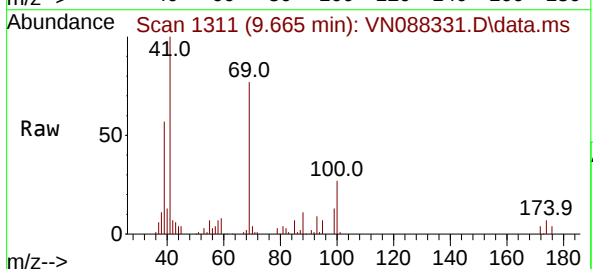
Instrument :
MSVOA_N
ClientSampleId :

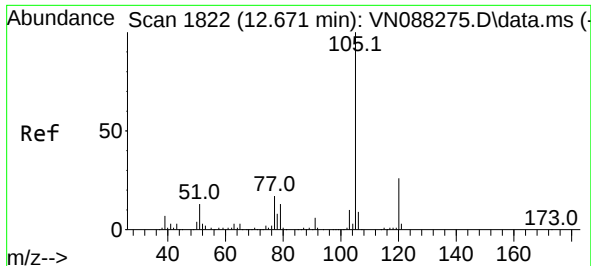
Tgt Ion: 88 Resp: 25947
Ion Ratio Lower Upper
88 100
43 26.3 27.8 41.8#
58 80.4 59.5 89.3



#46
Methyl methacrylate
Concen: 20.432 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 41 Resp: 91922
Ion Ratio Lower Upper
41 100
69 81.3 38.5 115.3
39 57.4 29.0 87.1





#47

n-amy1 Acetate

Concen: 3.481 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

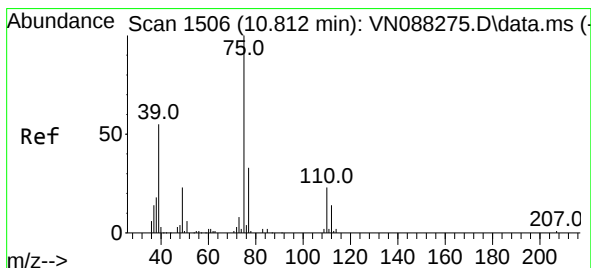
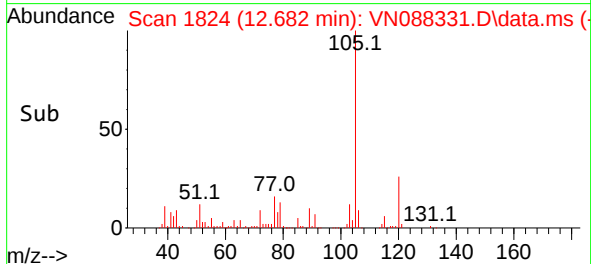
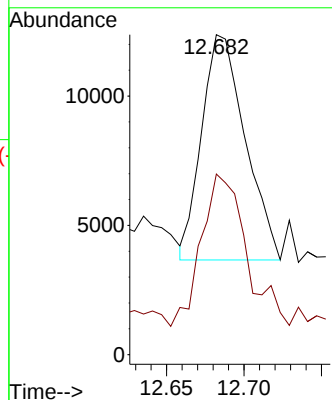
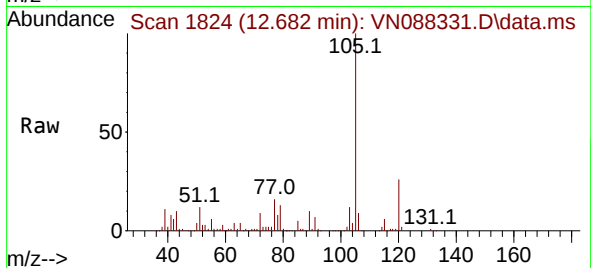
ClientSampleId :

Tgt Ion: 43 Resp: 16960

Ion Ratio Lower Upper

43 100

55 77.9 0.0 0.0#



#48

t-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 10.818 min Scan# 1507

Delta R.T. 0.006 min

Lab File: VN088331.D

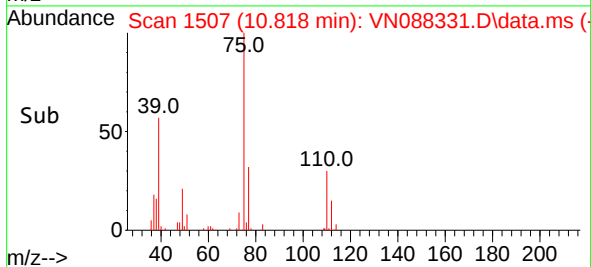
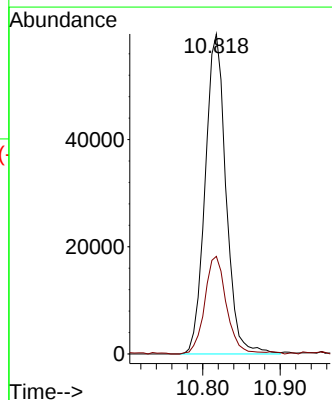
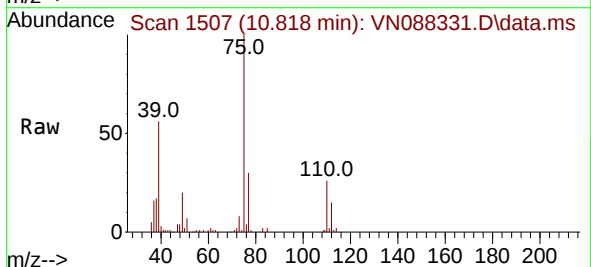
Acq: 20 Nov 2025 15:11

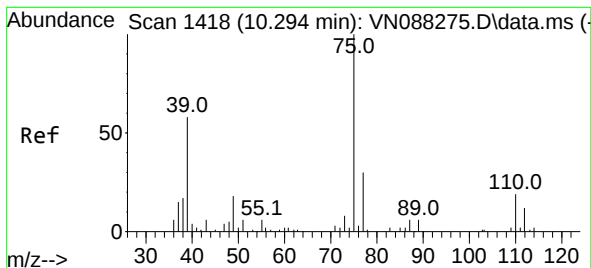
Tgt Ion: 75 Resp: 111360

Ion Ratio Lower Upper

75 100

77 30.5 26.1 39.1

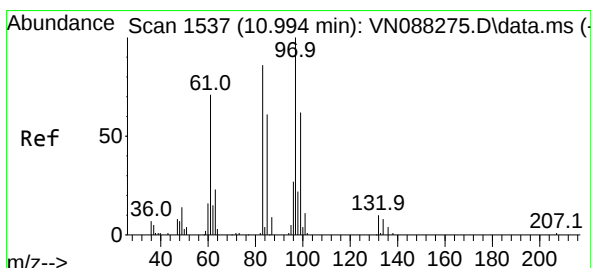
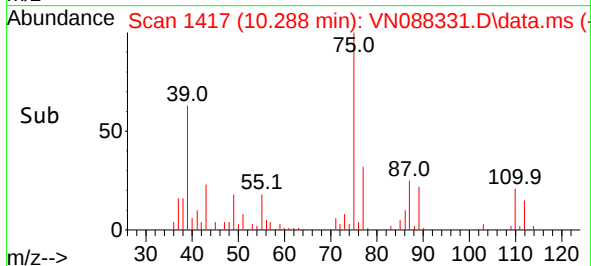
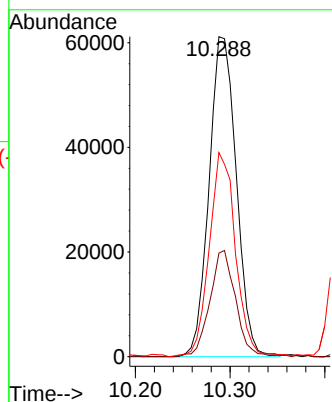
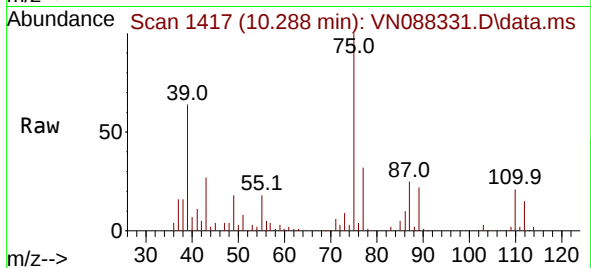




#49
 cis-1,3-Dichloropropene
 Concen: 20.530 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

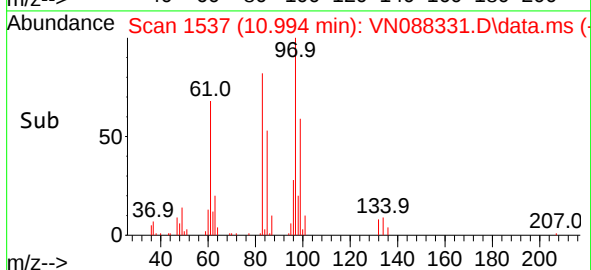
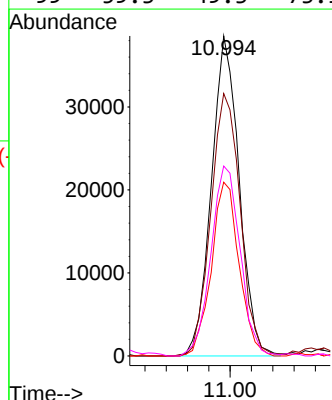
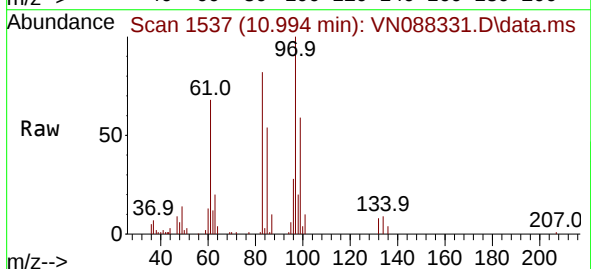
Instrument :
 MSVOA_N
 ClientSampleId :

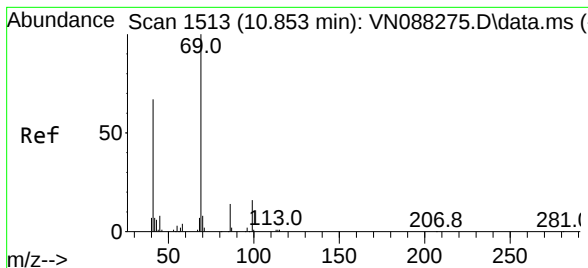
Tgt Ion: 75 Resp: 122149
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 63.3 46.1 69.1



#50
 1,1,2-Trichloroethane
 Concen: 21.244 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion: 97 Resp: 69766
 Ion Ratio Lower Upper
 97 100
 83 81.6 68.6 102.8
 85 54.3 49.0 73.6
 99 59.3 49.3 73.9

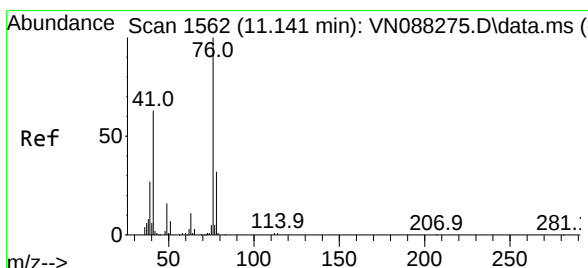
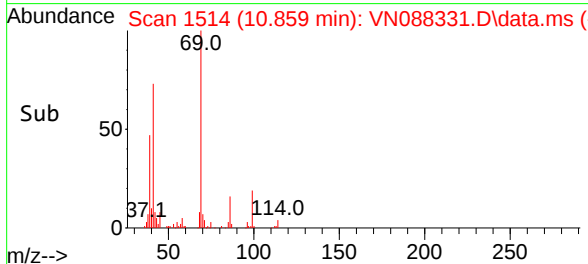
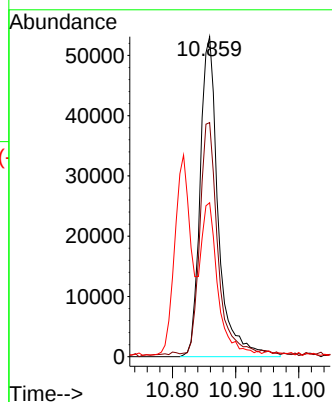
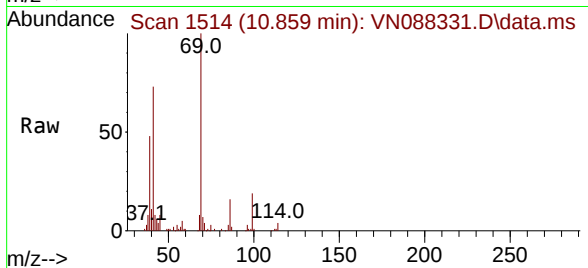




#51
Ethyl methacrylate
Concen: 19.676 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

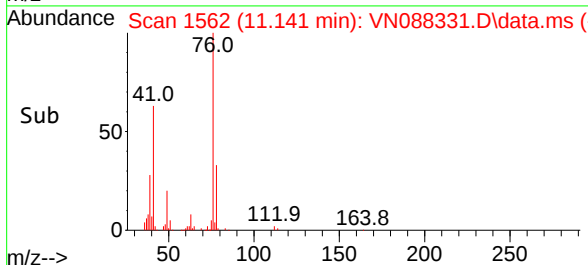
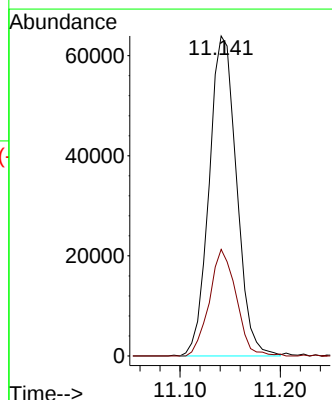
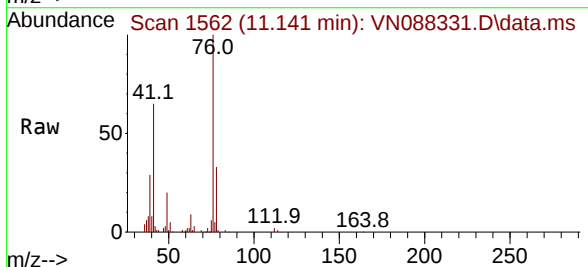
Instrument :
MSVOA_N
ClientSampleId :

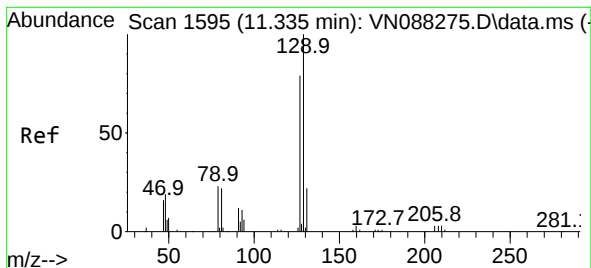
Tgt Ion: 69 Resp: 106312
Ion Ratio Lower Upper
69 100
41 72.4 33.6 100.8
39 46.3 23.4 70.2



#52
1,3-Dichloropropane
Concen: 20.311 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 76 Resp: 121476
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





#53

Dibromochloromethane

Concen: 20.430 ug/l

RT: 11.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

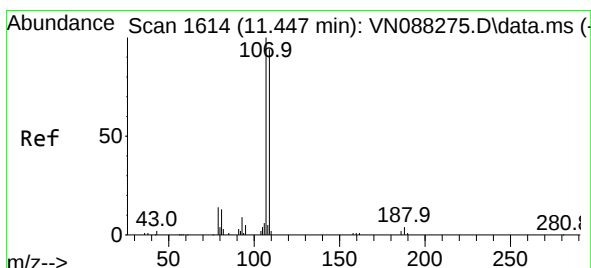
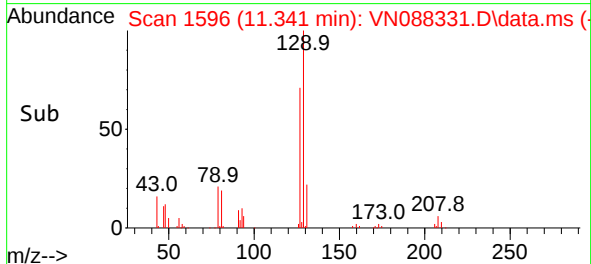
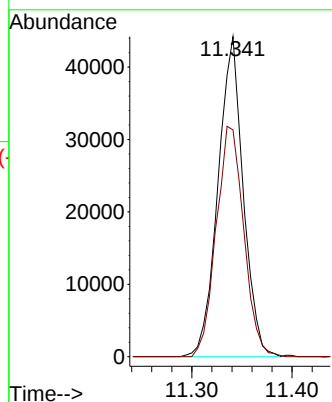
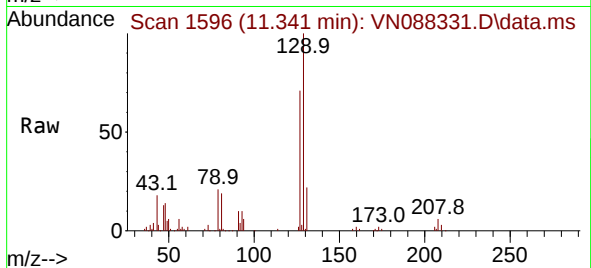
ClientSampleId :

Tgt Ion:129 Resp: 77067

Ion Ratio Lower Upper

129 100

127 78.8 38.2 114.6



#54

1,2-Dibromoethane

Concen: 20.793 ug/l

RT: 11.447 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VN088331.D

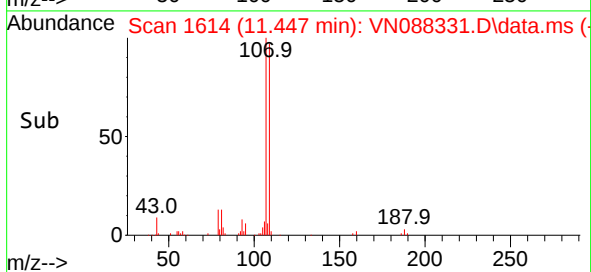
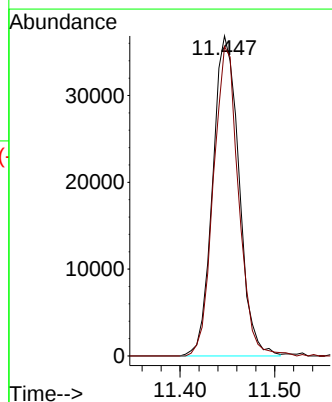
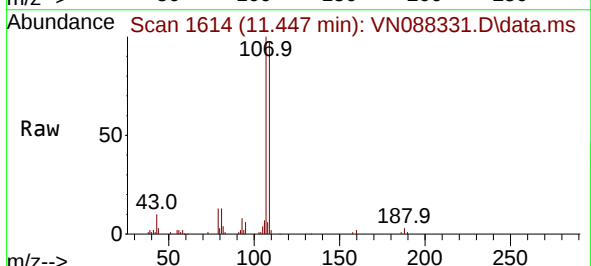
Acq: 20 Nov 2025 15:11

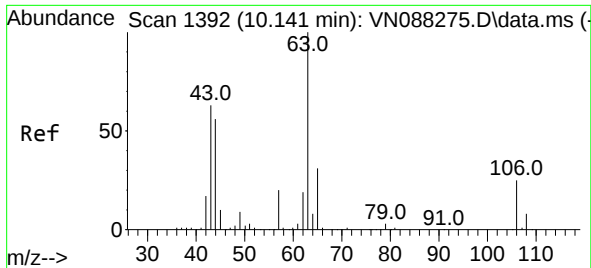
Tgt Ion:107 Resp: 70948

Ion Ratio Lower Upper

107 100

109 92.6 76.6 115.0

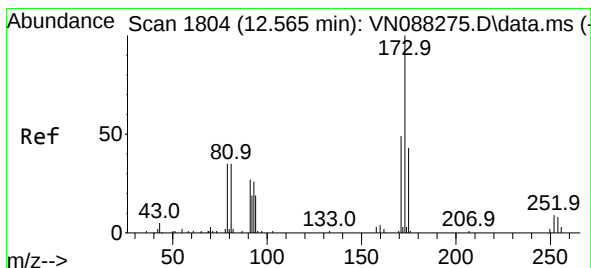
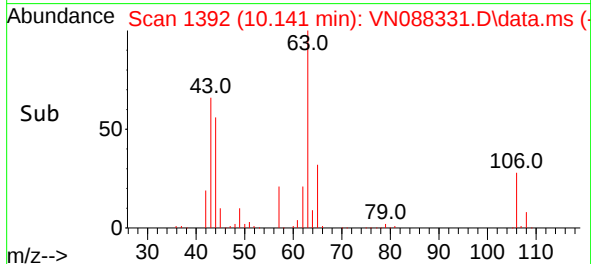
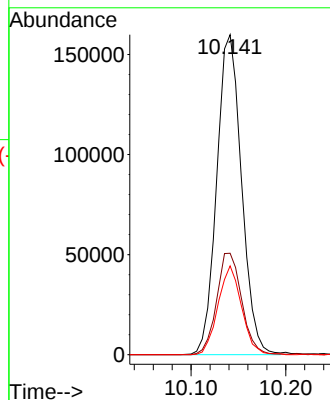
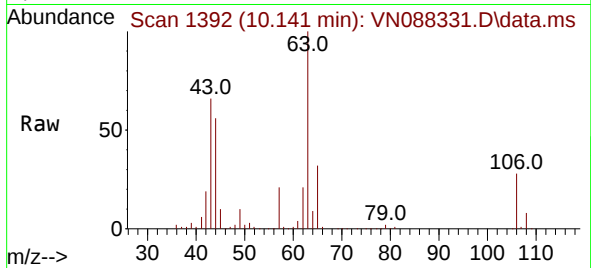




#55
2-Chloroethyl vinyl ether
Concen: 93.596 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

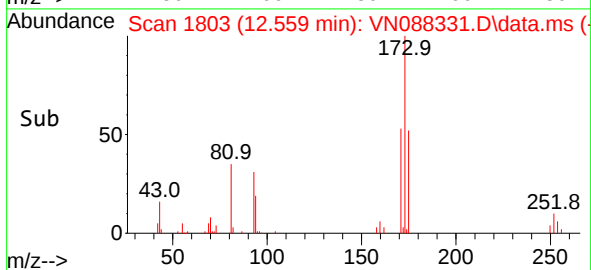
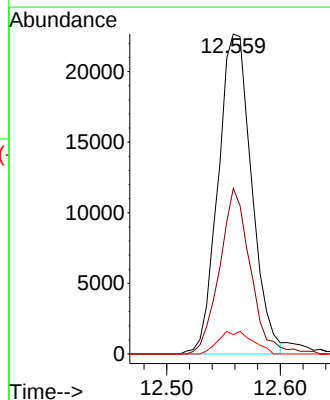
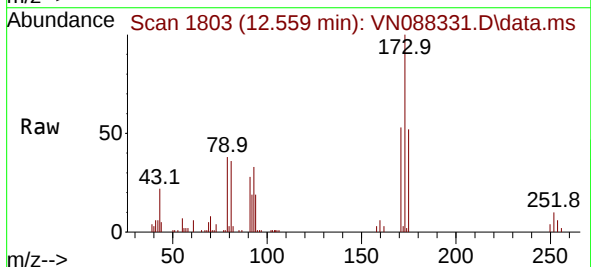
Instrument :
MSVOA_N
ClientSampleId :

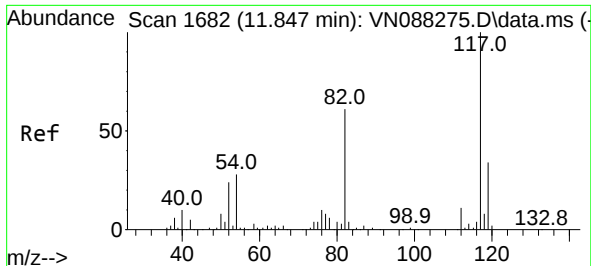
Tgt Ion: 63 Resp: 291310
Ion Ratio Lower Upper
63 100
65 32.1 24.9 37.3
106 26.3 20.3 30.5



#56
Bromoform
Concen: 19.414 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

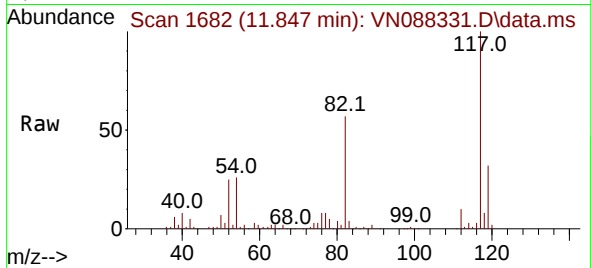
Tgt Ion:173 Resp: 46355
Ion Ratio Lower Upper
173 100
175 47.5 37.7 56.5
254 7.3 5.9 8.9



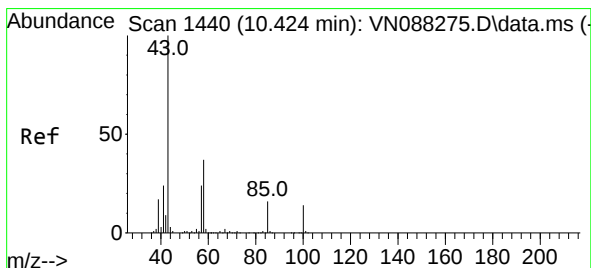
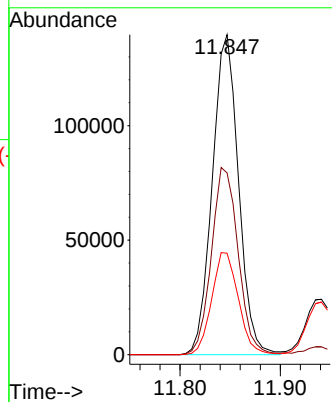
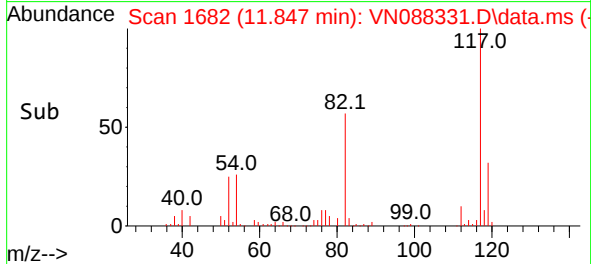


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :

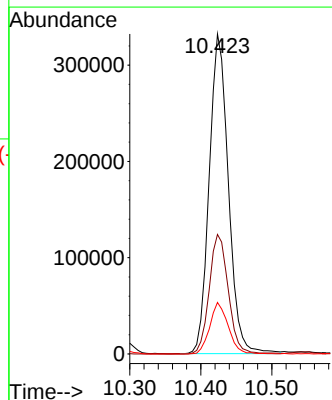
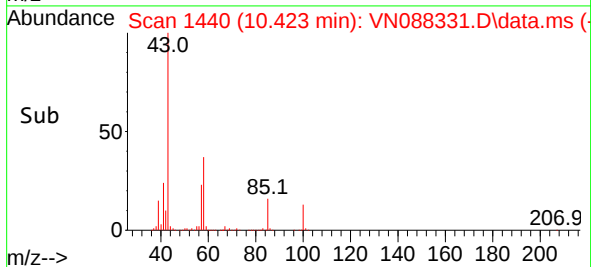
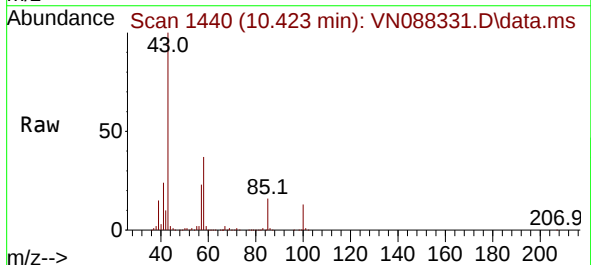


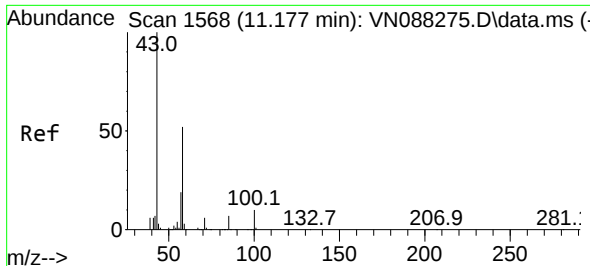
Tgt Ion:117 Resp: 254032
Ion Ratio Lower Upper
117 100
82 59.8 49.3 73.9
119 32.5 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 108.470 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

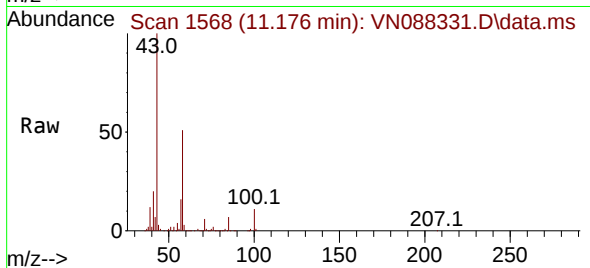
Tgt Ion: 43 Resp: 623224
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8
85 15.6 12.6 19.0





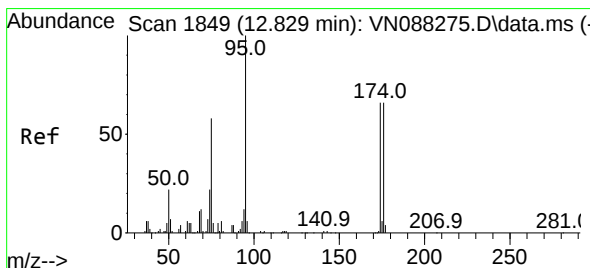
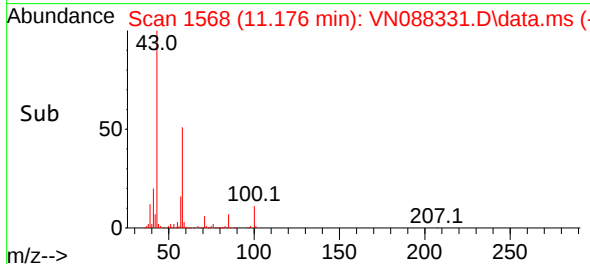
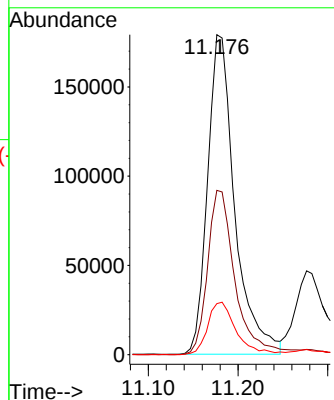
#59
2-Hexanone
Concen: 98.849 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 377132

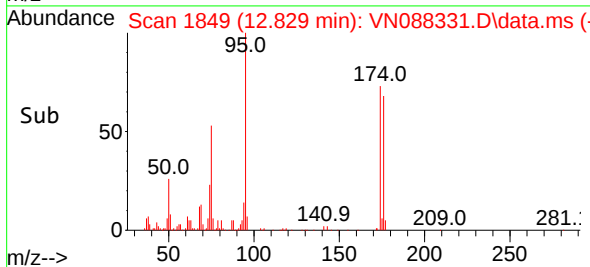
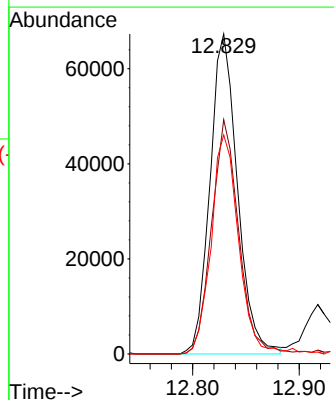
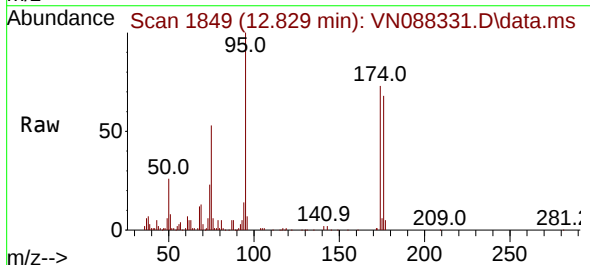
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.0	61.4
57	16.5	14.4	21.6

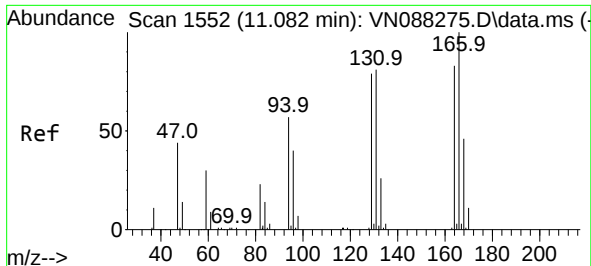


#60
4-Bromofluorobenzene
Concen: 28.066 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 95 Resp: 120525

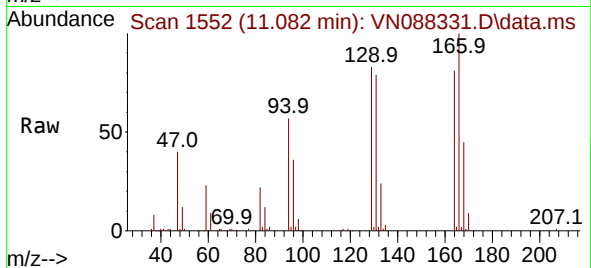
Ion	Ratio	Lower	Upper
95	100		
174	72.0	54.5	81.7
176	68.2	53.8	80.6



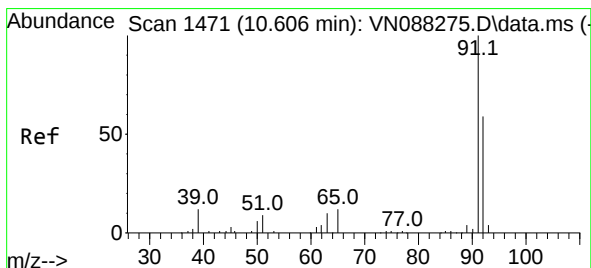
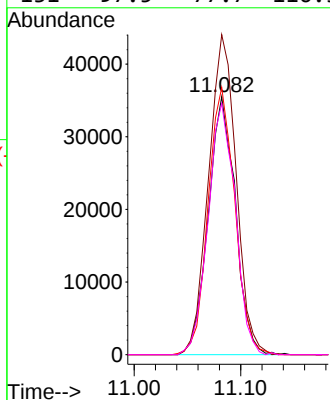
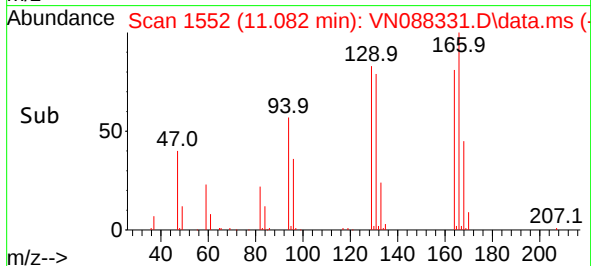


#61
Tetrachloroethene
Concen: 23.962 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

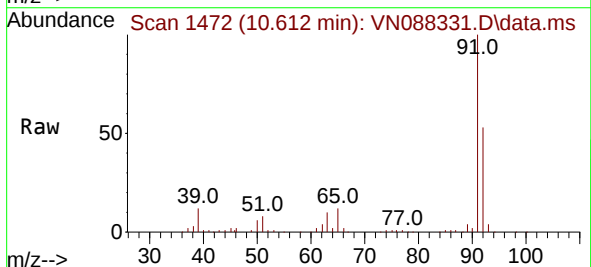
Instrument :
MSVOA_N
ClientSampleId :



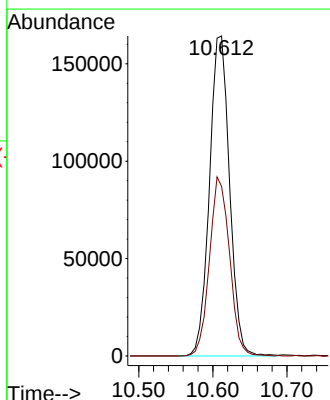
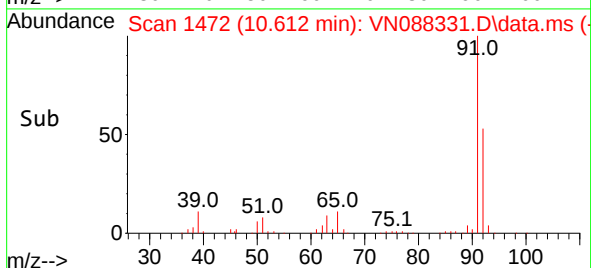
Tgt Ion:164 Resp: 62760
Ion Ratio Lower Upper
164 100
166 124.1 96.3 144.5
129 103.6 76.2 114.2
131 97.5 77.7 116.5

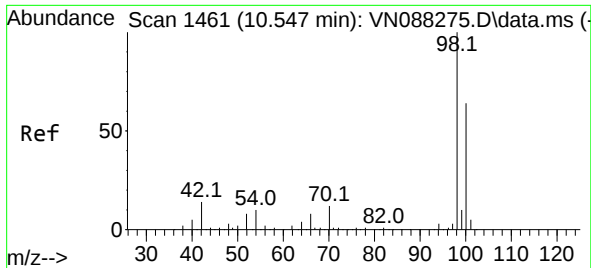


#62
Toluene
Concen: 21.233 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11



Tgt Ion: 91 Resp: 309541
Ion Ratio Lower Upper
91 100
92 55.8 46.7 70.1

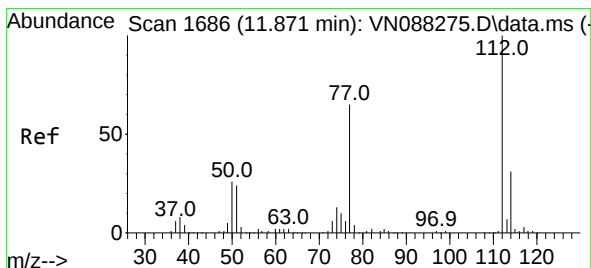
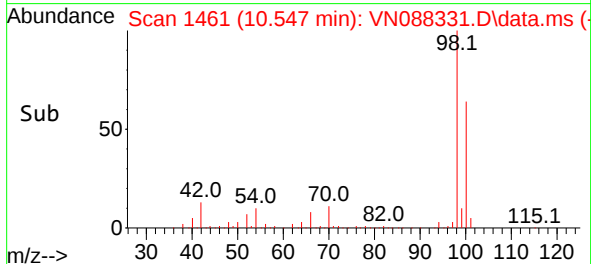
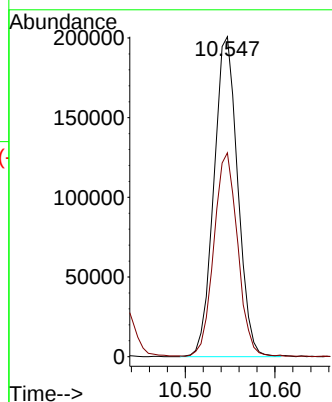
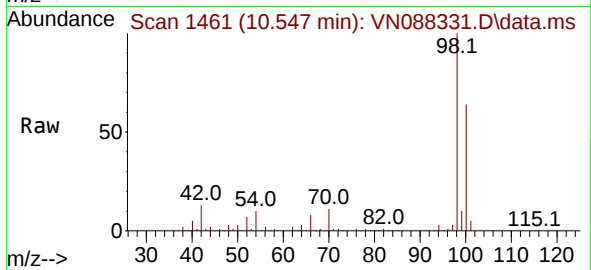




#63
Toluene-d8
Concen: 30.805 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

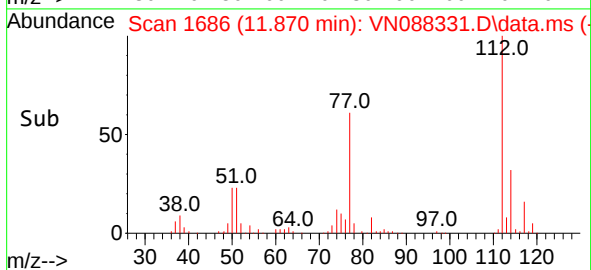
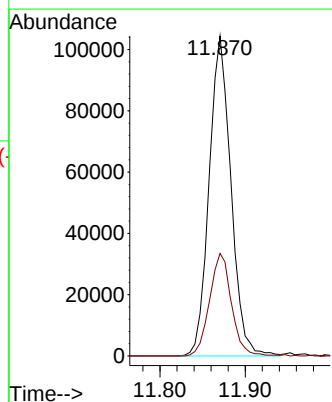
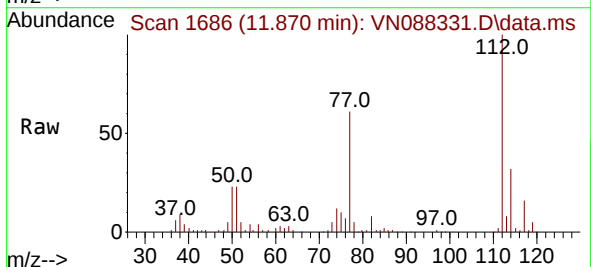
Instrument :
MSVOA_N
ClientSampleId :

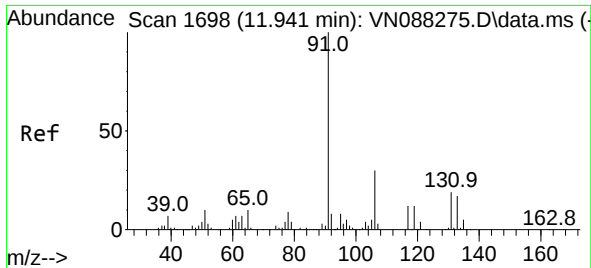
Tgt Ion: 98 Resp: 370485
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#64
Chlorobenzene
Concen: 20.572 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 112 Resp: 185737
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

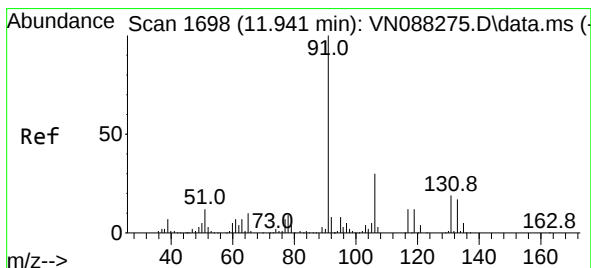
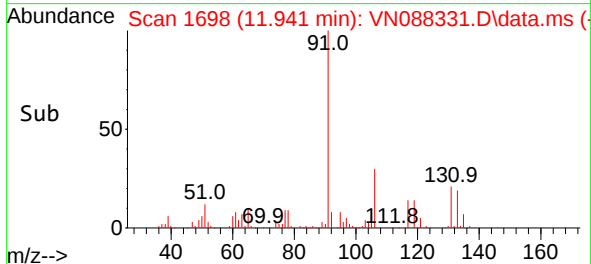
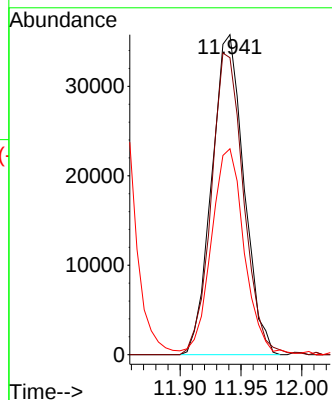
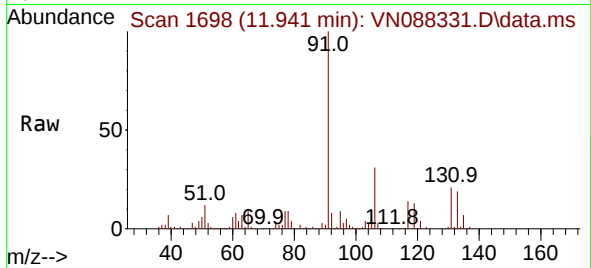




#65
1,1,1,2-Tetrachloroethane
Concen: 21.312 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

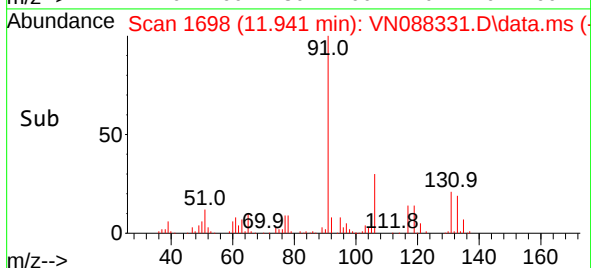
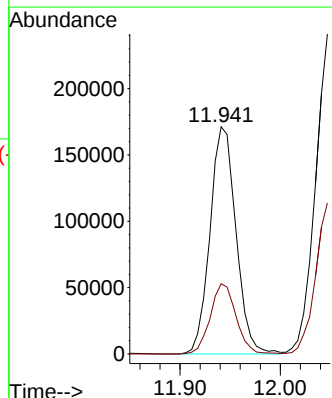
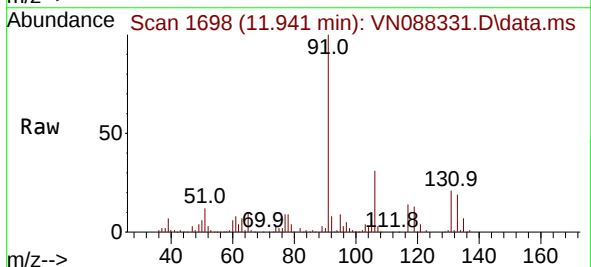
Instrument :
MSVOA_N
ClientSampleId :

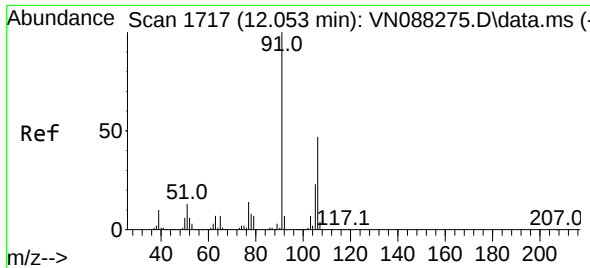
Tgt Ion:131 Resp: 65858
Ion Ratio Lower Upper
131 100
133 94.1 0.0 181.4
119 65.1 0.0 135.0



#66
Ethyl Benzene
Concen: 19.219 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 91 Resp: 308789
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

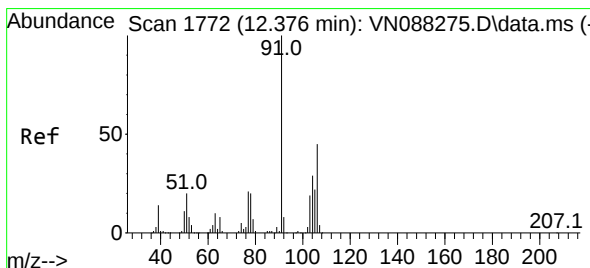
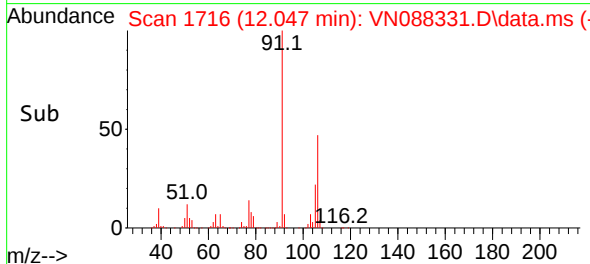
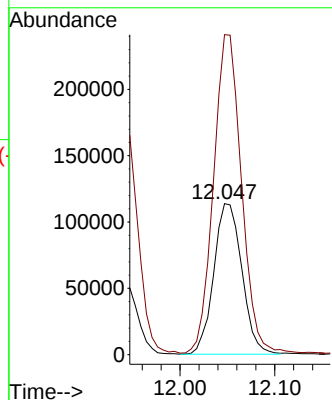
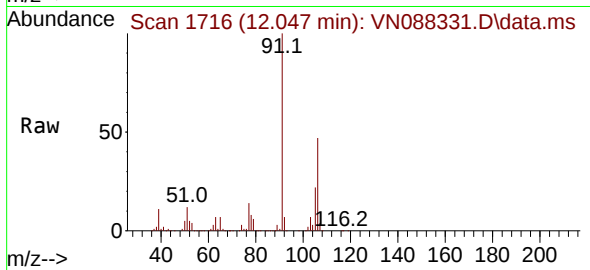




#67
m/p-Xylenes
Concen: 38.989 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

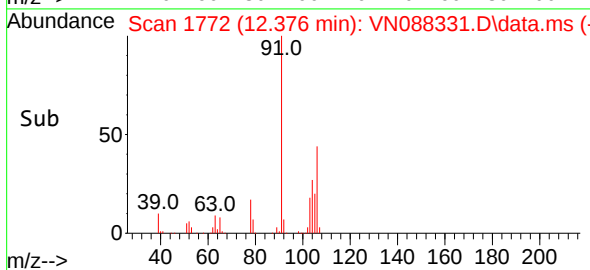
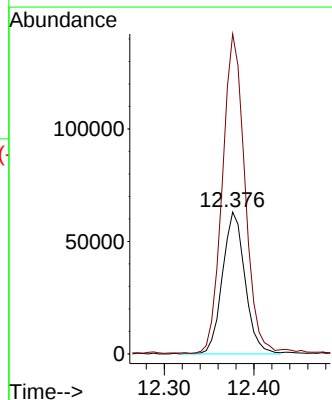
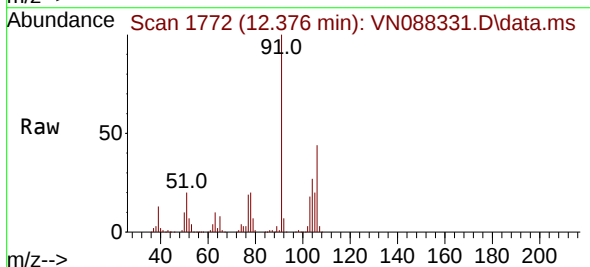
Instrument :
MSVOA_N
ClientSampleId :

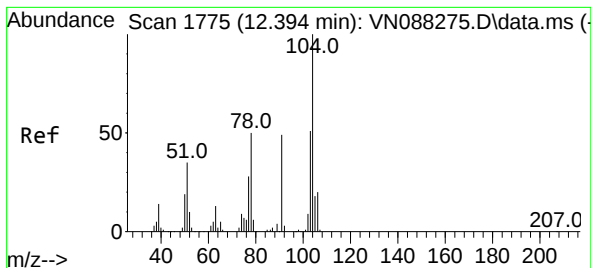
Tgt Ion:106 Resp: 234259
Ion Ratio Lower Upper
106 100
91 212.6 168.3 252.5



#68
o-Xylene
Concen: 19.421 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion:106 Resp: 110080
Ion Ratio Lower Upper
106 100
91 224.8 114.0 342.0





#69

Styrene

Concen: 19.272 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

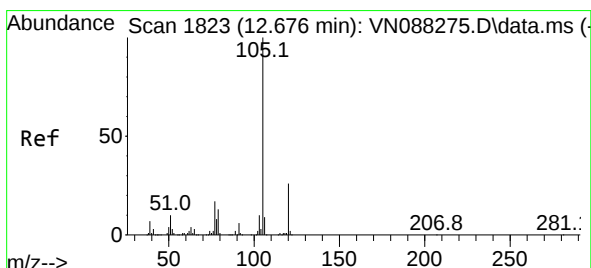
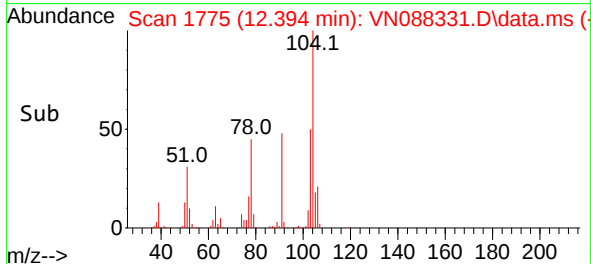
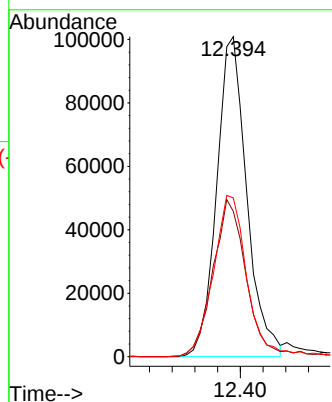
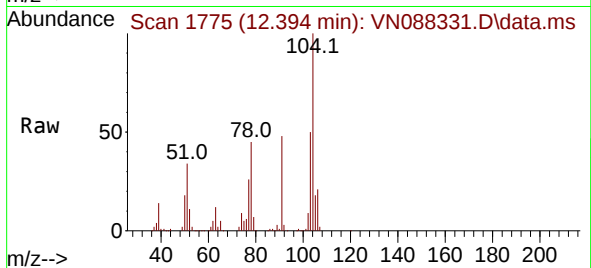
Tgt Ion:104 Resp: 185519

Ion Ratio Lower Upper

104 100

78 53.6 43.8 65.8

103 56.7 44.8 67.2



#70

Isopropylbenzene

Concen: 18.598 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088331.D

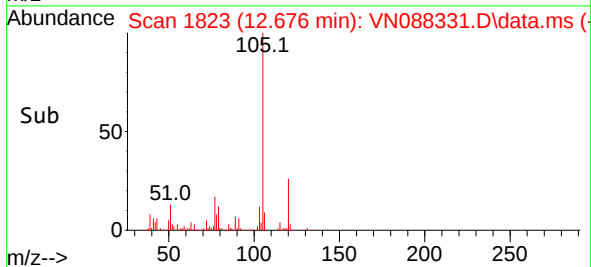
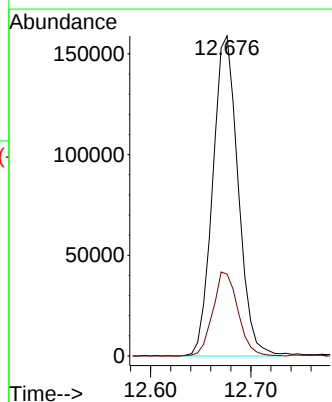
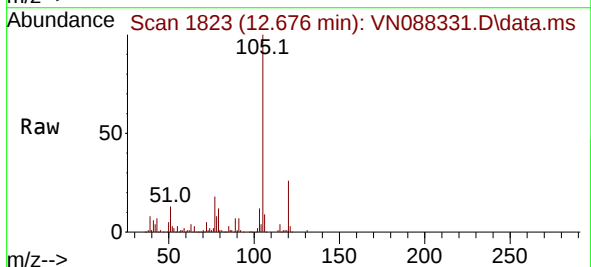
Acq: 20 Nov 2025 15:11

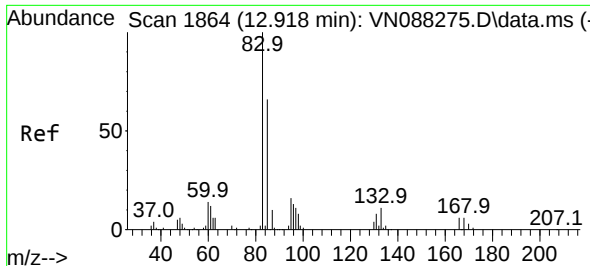
Tgt Ion:105 Resp: 279360

Ion Ratio Lower Upper

105 100

120 25.9 18.2 33.8

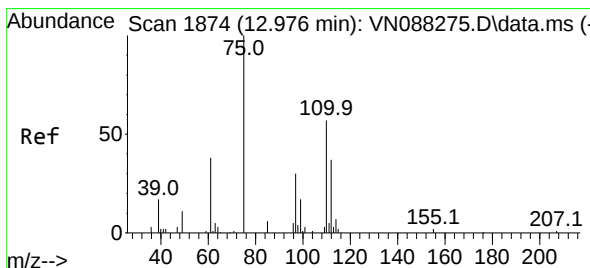
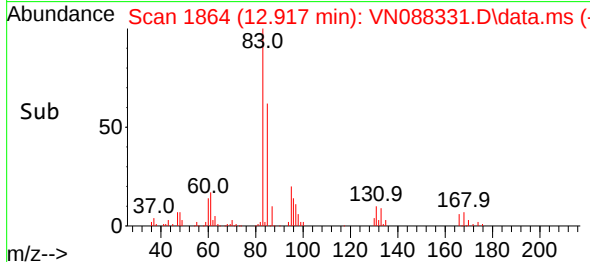
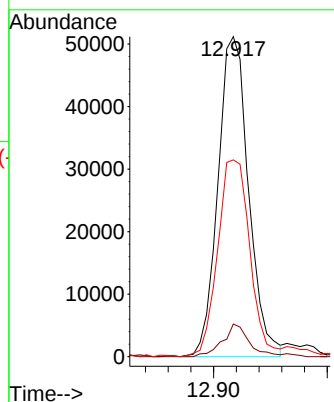
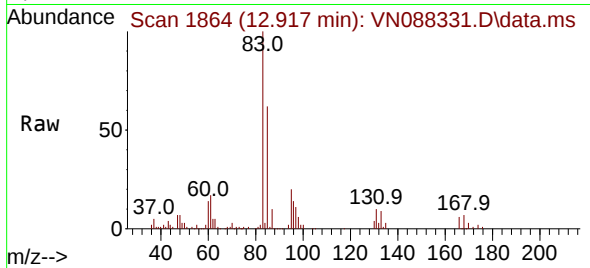




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.699 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

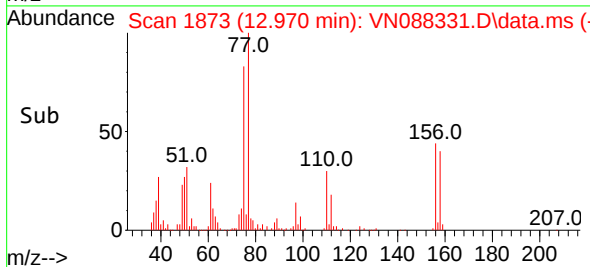
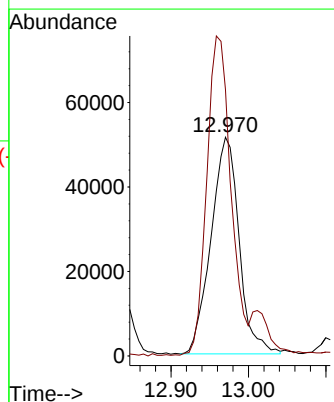
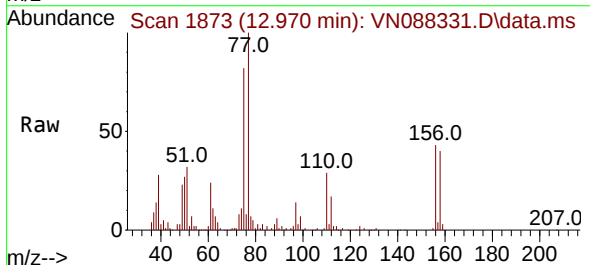
Instrument :
 MSVOA_N
 ClientSampleId :

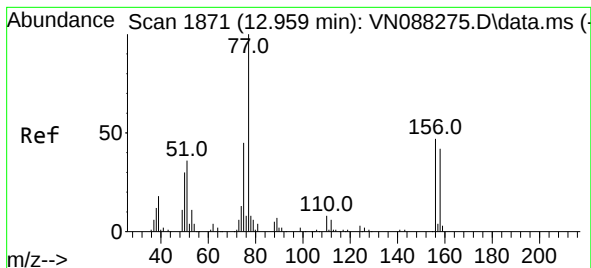
Tgt Ion: 83 Resp: 95850
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.3 12.9
 85 64.5 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 27.413 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion: 75 Resp: 129217
 Ion Ratio Lower Upper
 75 100
 77 126.6 0.0 386.6





#73

Bromobenzene

Concen: 20.471 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088331.D

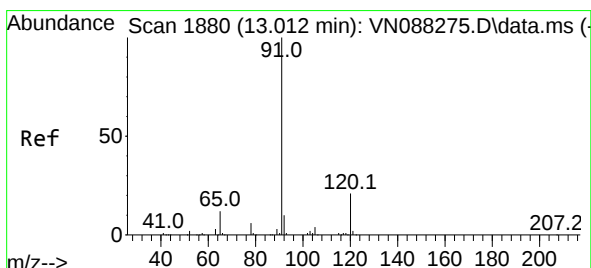
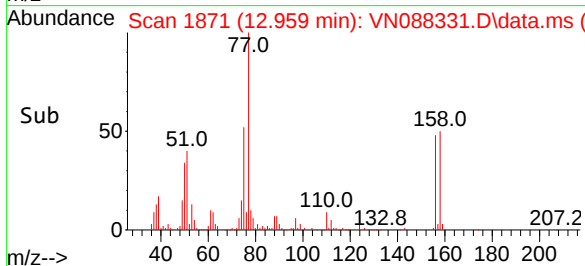
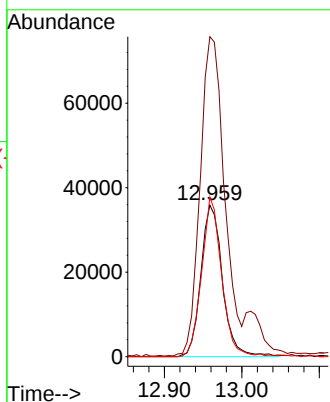
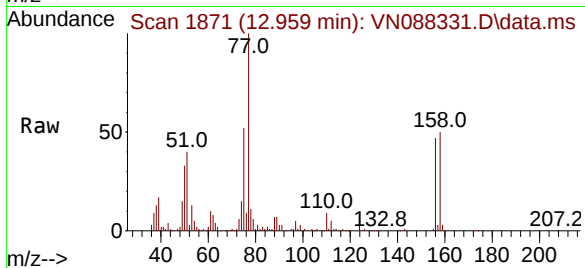
Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	69420
Ion Ratio	Lower	Upper	
156	100		
77	235.6	0.0	493.4
158	96.9	0.0	193.4



#74

n-propylbenzene

Concen: 18.675 ug/l

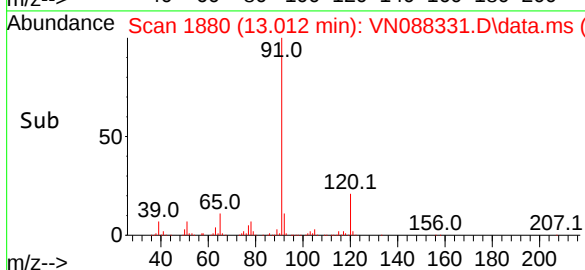
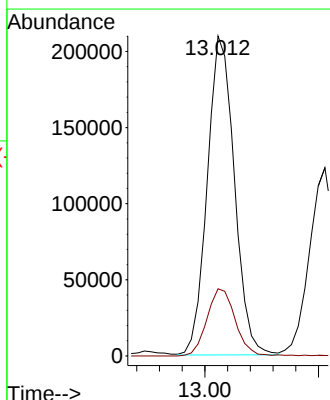
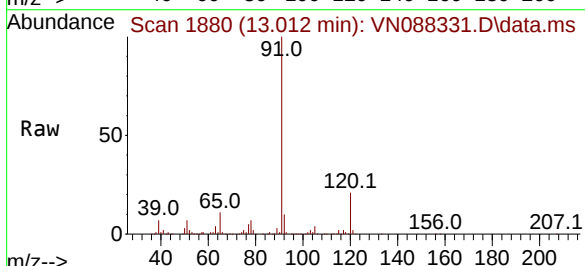
RT: 13.012 min Scan# 1880

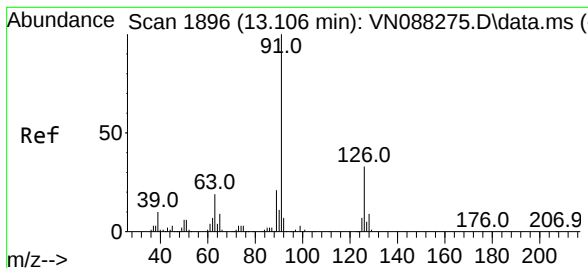
Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Tgt Ion:	91	Resp:	347145
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.2





#75

2-Chlorotoluene

Concen: 18.910 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

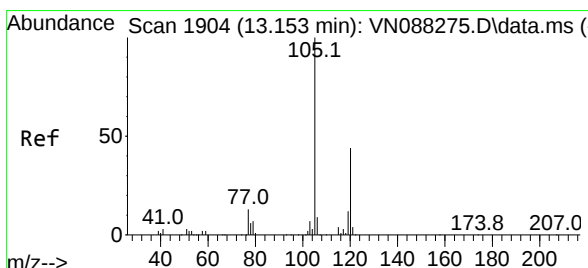
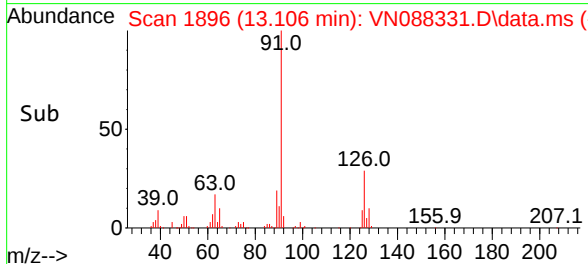
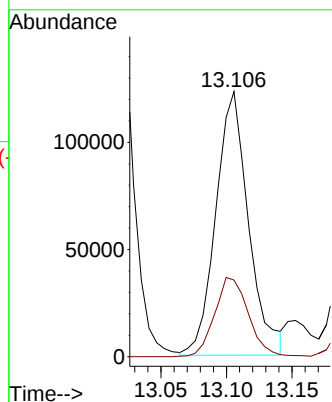
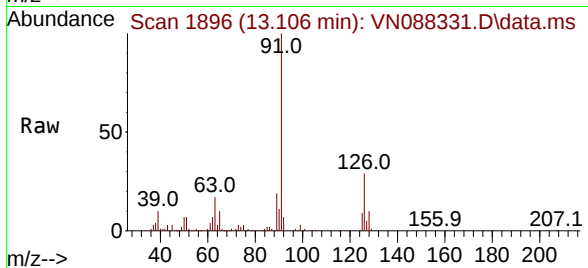
ClientSampleId :

Tgt Ion: 91 Resp: 213749

Ion Ratio Lower Upper

91 100

126 31.1 0.0 62.0



#76

1,3,5-Trimethylbenzene

Concen: 18.318 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088331.D

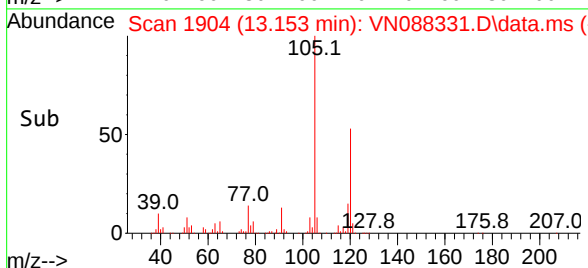
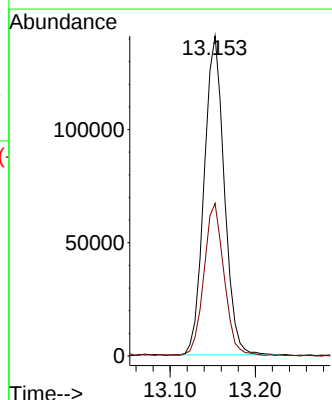
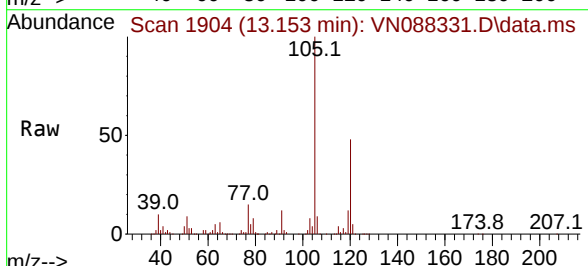
Acq: 20 Nov 2025 15:11

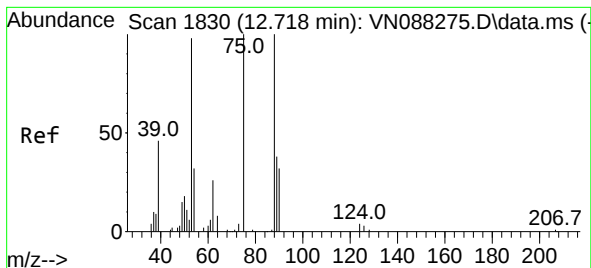
Tgt Ion:105 Resp: 230970

Ion Ratio Lower Upper

105 100

120 48.1 0.0 94.6

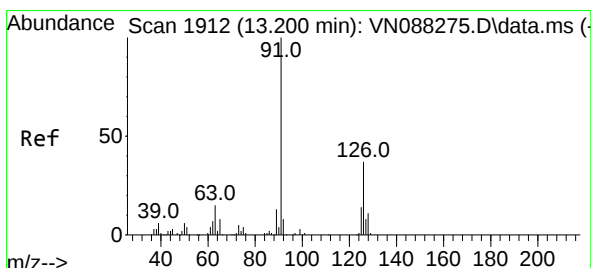
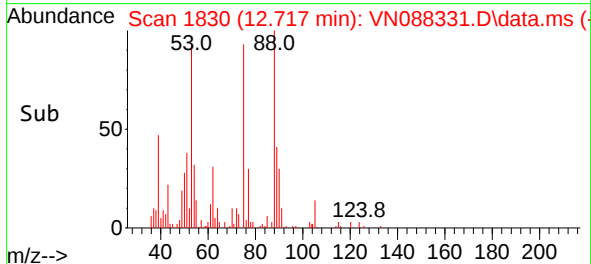
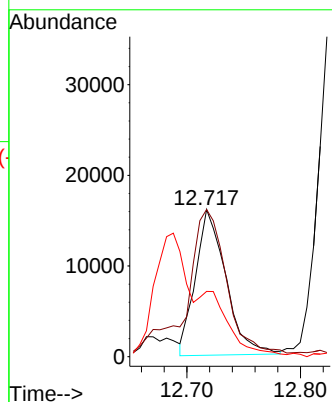
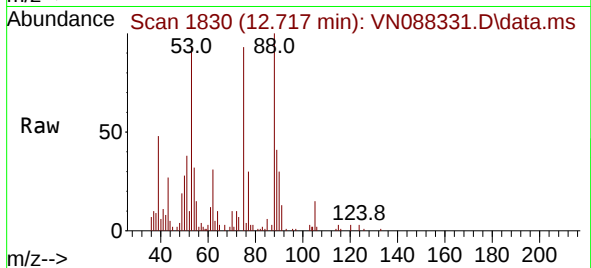




#77
t-1,4-Dichloro-2-butene
Concen: 18.444 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

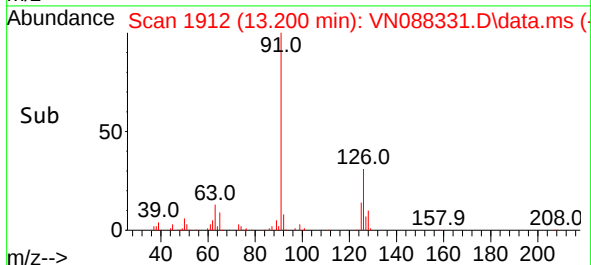
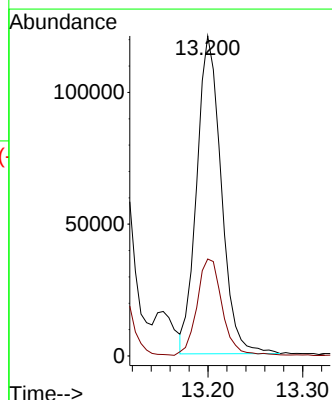
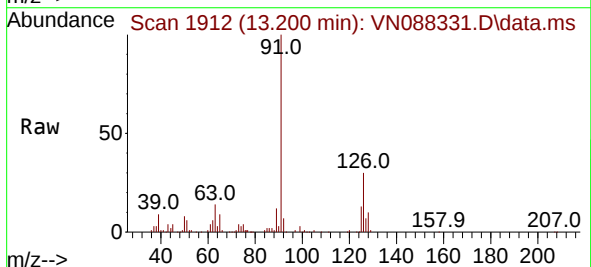
Instrument :
MSVOA_N
ClientSampleId :

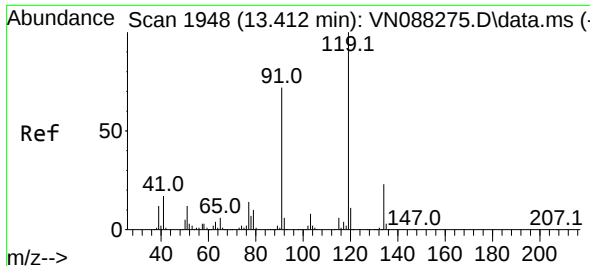
Tgt Ion: 75 Resp: 29857
Ion Ratio Lower Upper
75 100
53 98.9 50.0 150.0
89 44.0 22.3 66.9



#78
4-Chlorotoluene
Concen: 18.938 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

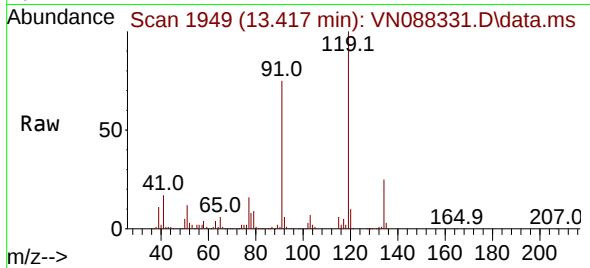
Tgt Ion: 91 Resp: 216928
Ion Ratio Lower Upper
91 100
126 32.0 0.0 60.8



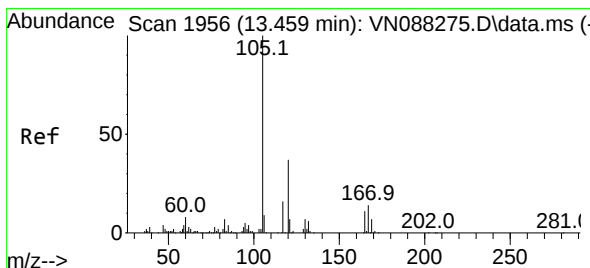
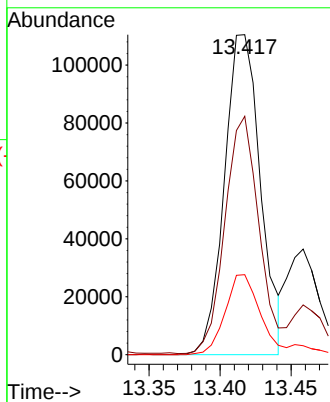
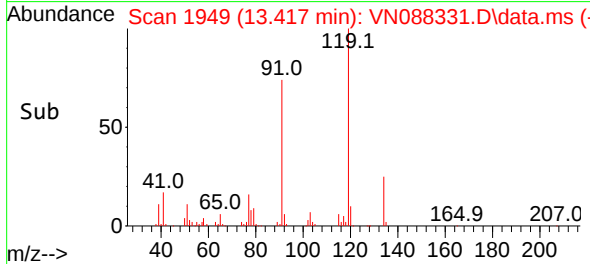


#79
tert-butylbenzene
Concen: 18.122 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

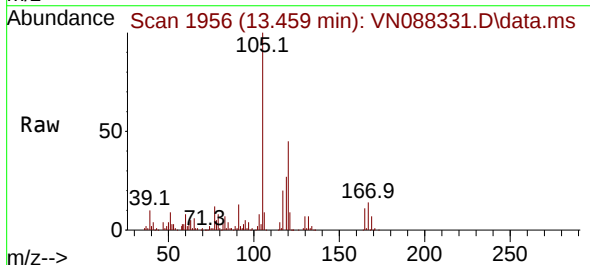
Instrument :
MSVOA_N
ClientSampleId :



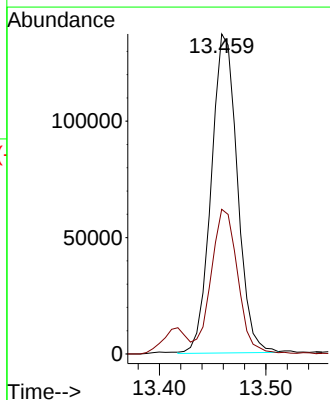
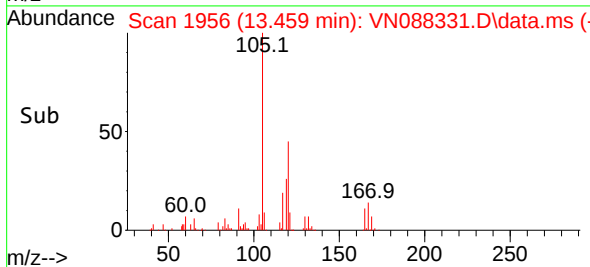
Tgt Ion:119 Resp: 195630
Ion Ratio Lower Upper
119 100
91 69.4 0.0 140.8
134 24.1 0.0 48.4

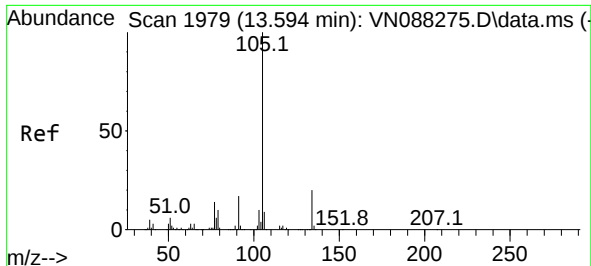


#80
1,2,4-Trimethylbenzene
Concen: 18.623 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11



Tgt Ion:105 Resp: 233494
Ion Ratio Lower Upper
105 100
120 46.0 0.0 89.2

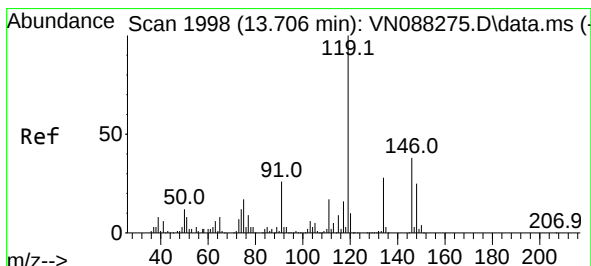
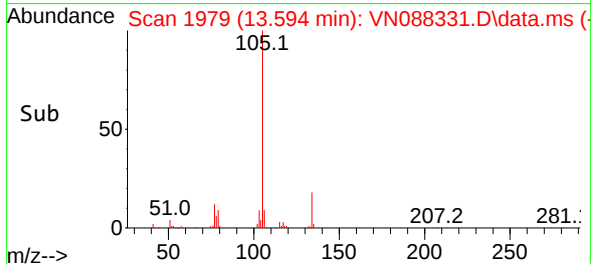
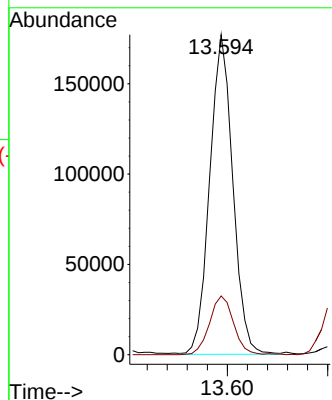
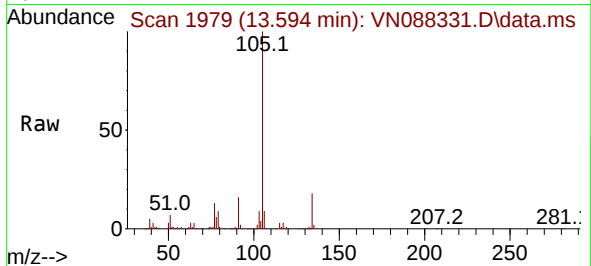




#81
 sec-Butylbenzene
 Concen: 17.963 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

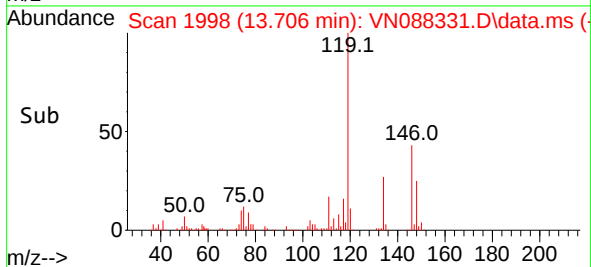
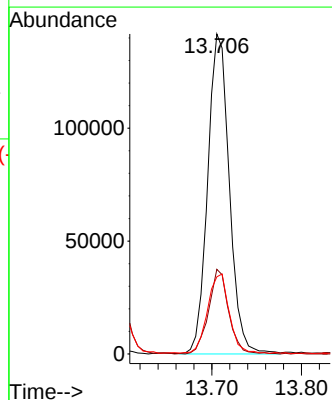
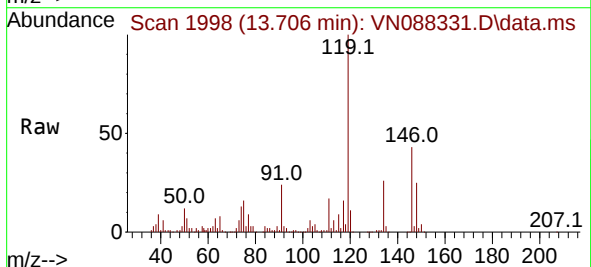
Instrument :
 MSVOA_N
 ClientSampleId :

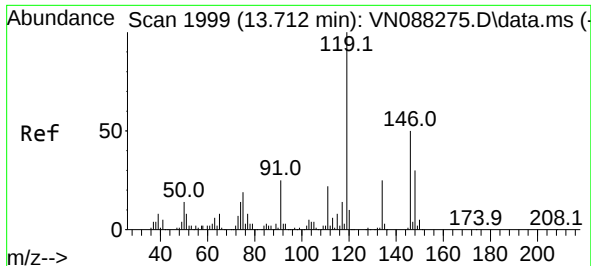
Tgt Ion:105 Resp: 282837
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.263 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion:119 Resp: 237606
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 51.2
 91 24.5 0.0 53.4

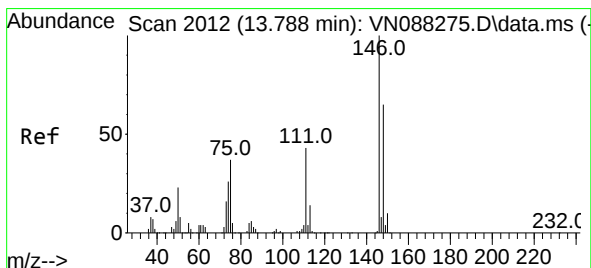
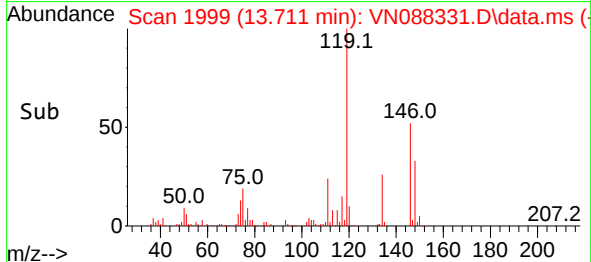
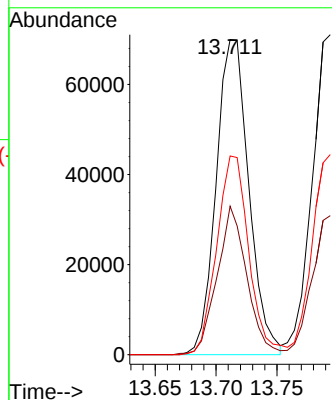
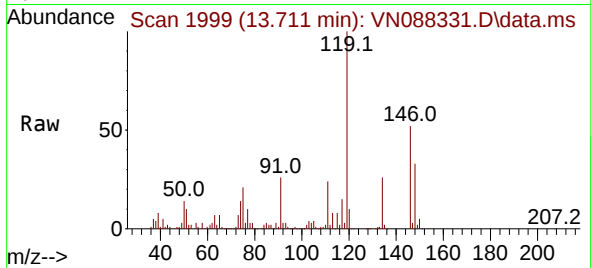




#83
 1,3-Dichlorobenzene
 Concen: 19.876 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

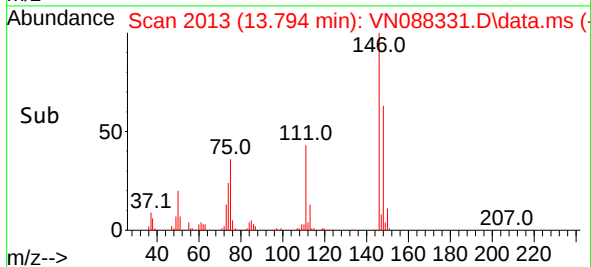
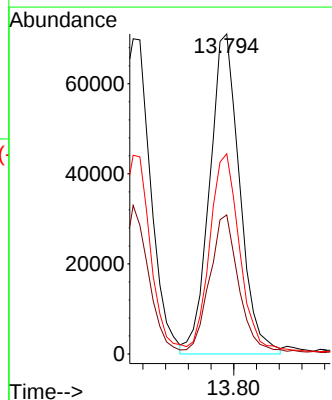
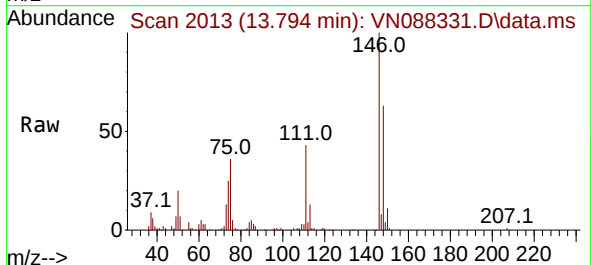
Instrument :
 MSVOA_N
 ClientSampleId :

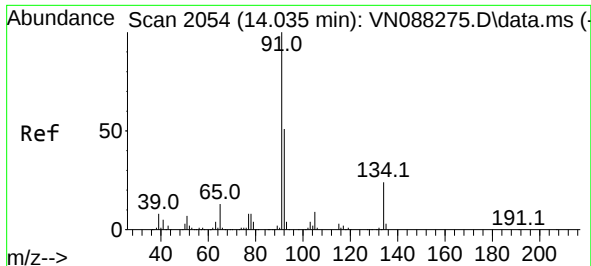
Tgt Ion:146 Resp: 130959
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.5
 148 62.0 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 19.599 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN088331.D
 Acq: 20 Nov 2025 15:11

Tgt Ion:146 Resp: 130775
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.8 65.3
 148 63.8 31.9 95.5

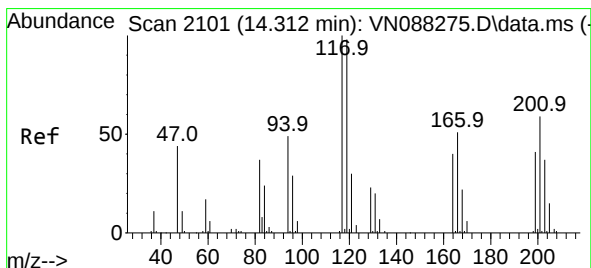
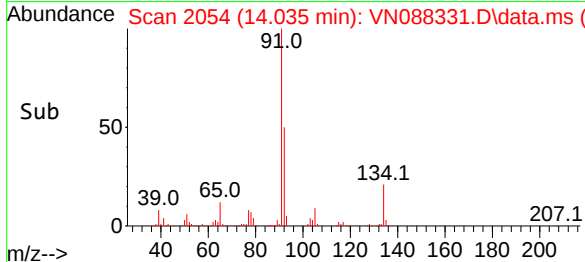
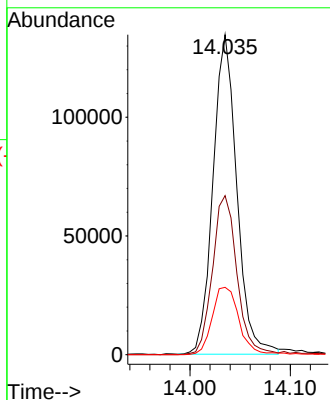
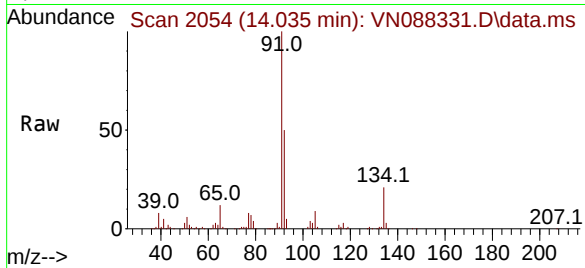




#85
n-Butylbenzene
Concen: 17.873 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

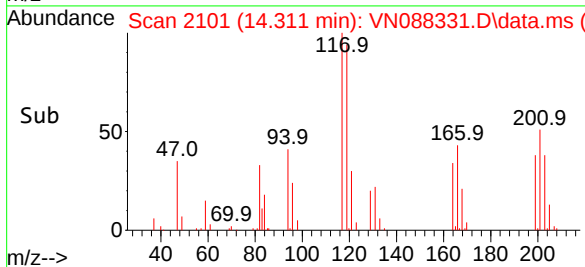
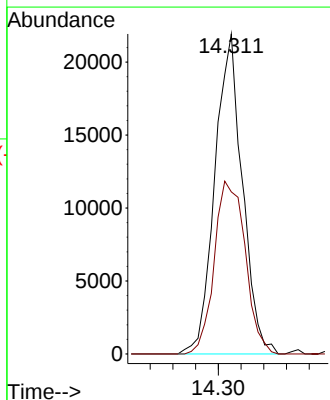
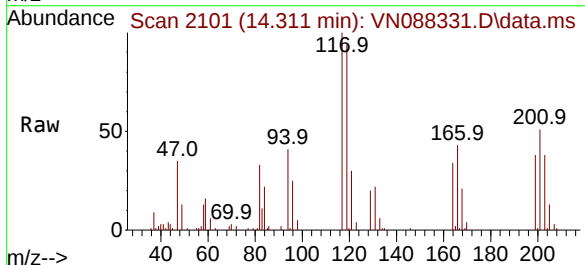
Instrument :
MSVOA_N
ClientSampleId :

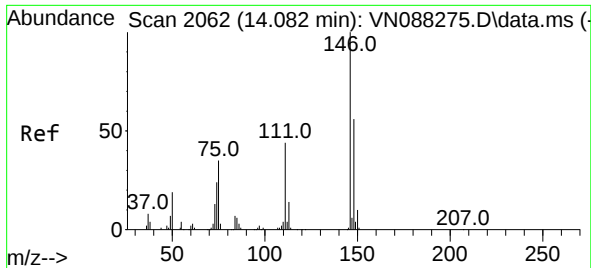
Tgt Ion: 91 Resp: 221622
Ion Ratio Lower Upper
91 100
92 51.1 0.0 102.4
134 23.8 0.0 45.8



#86
Hexachloroethane
Concen: 14.795 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 117 Resp: 36857
Ion Ratio Lower Upper
117 100
201 60.7 30.6 92.0

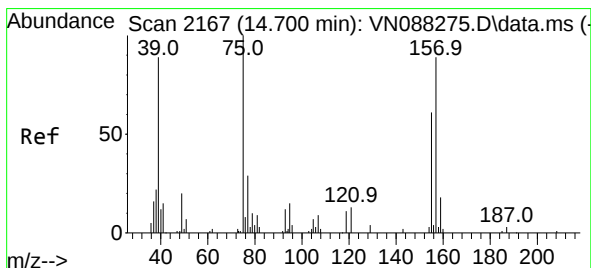
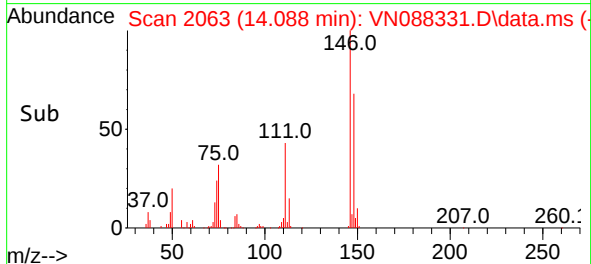
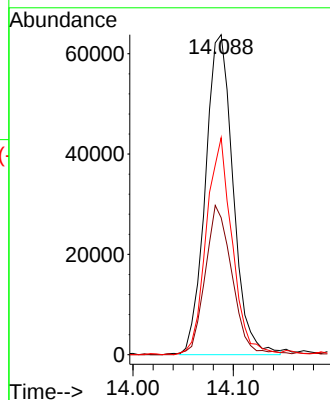
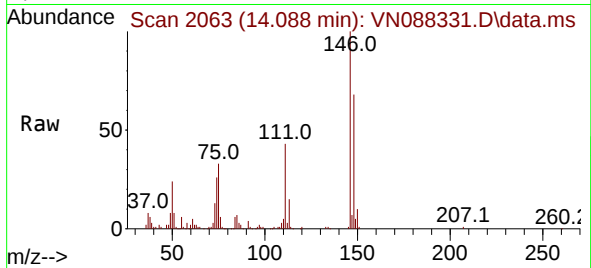




#87
1,2-Dichlorobenzene
Concen: 19.747 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

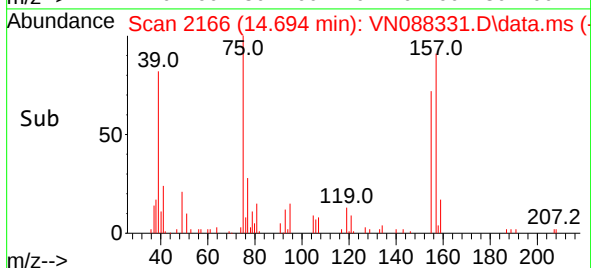
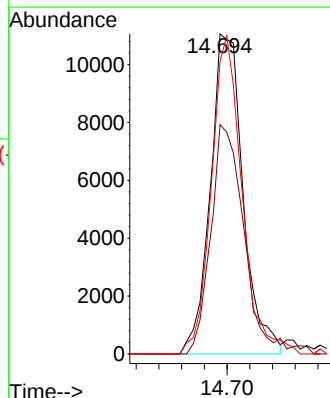
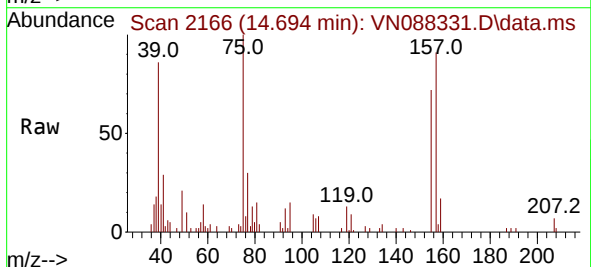
Instrument :
MSVOA_N
ClientSampleId :

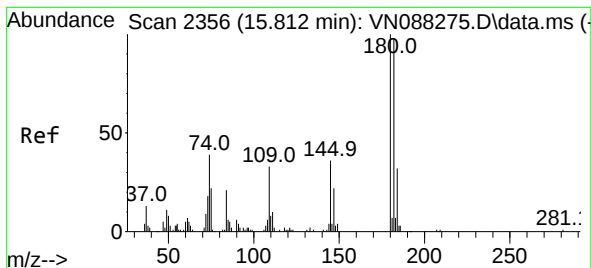
Tgt Ion:146 Resp: 122806
Ion Ratio Lower Upper
146 100
111 45.1 23.0 69.0
148 63.2 31.1 93.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.381 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088331.D
Acq: 20 Nov 2025 15:11

Tgt Ion: 75 Resp: 22166
Ion Ratio Lower Upper
75 100
155 70.5 54.8 82.2
157 93.0 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 19.492 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

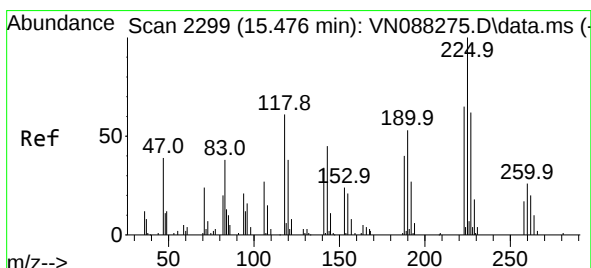
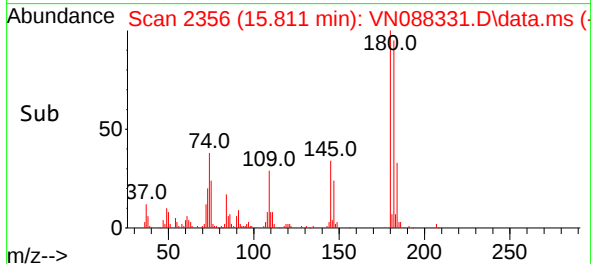
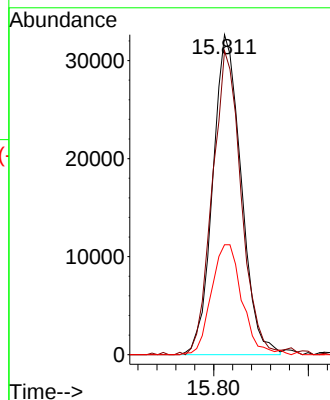
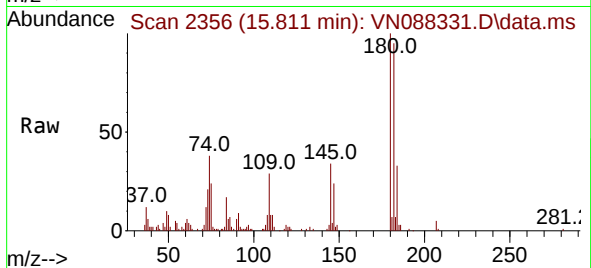
Tgt Ion:180 Resp: 68025

Ion Ratio Lower Upper

180 100

182 95.9 77.3 115.9

145 36.8 30.2 45.4



#90

Hexachlorobutadiene

Concen: 19.236 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

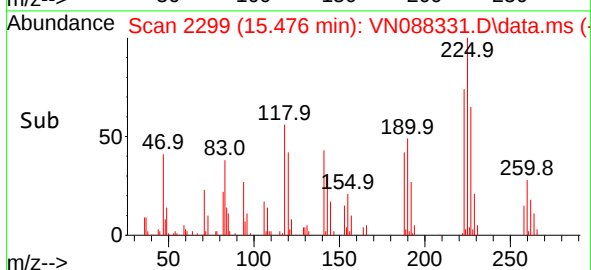
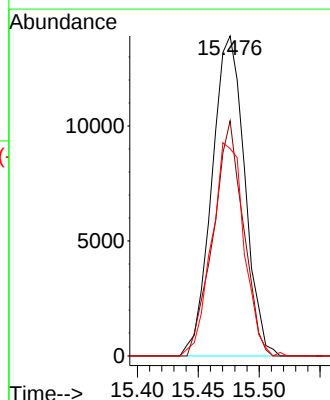
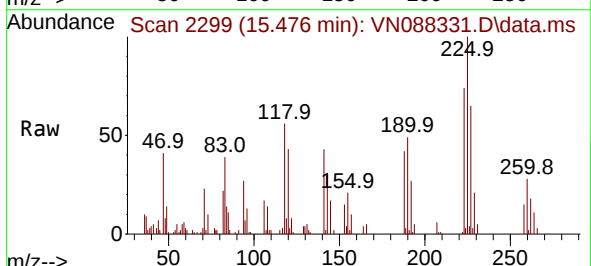
Tgt Ion:225 Resp: 26070

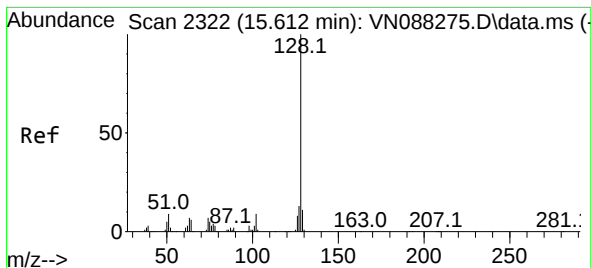
Ion Ratio Lower Upper

225 100

223 67.4 0.0 132.0

227 65.5 0.0 132.6





#91

Naphthalene

Concen: 20.215 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Instrument :

MSVOA_N

ClientSampleId :

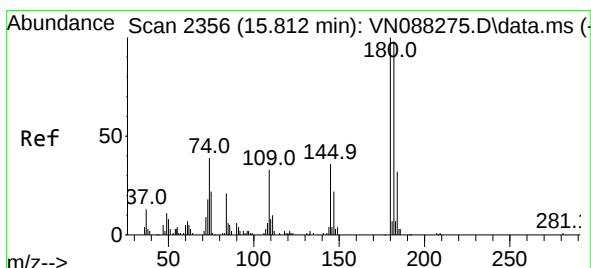
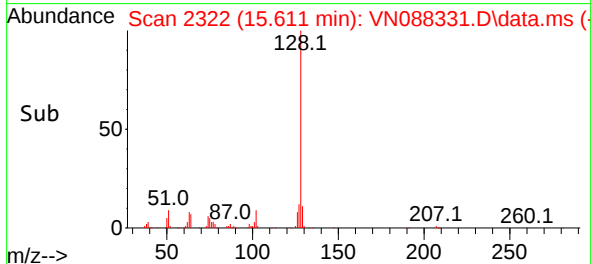
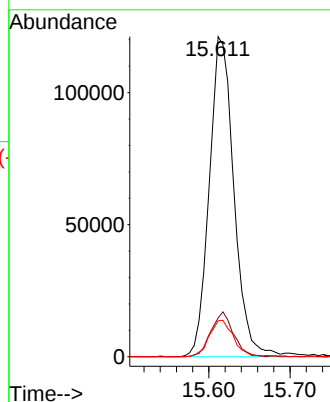
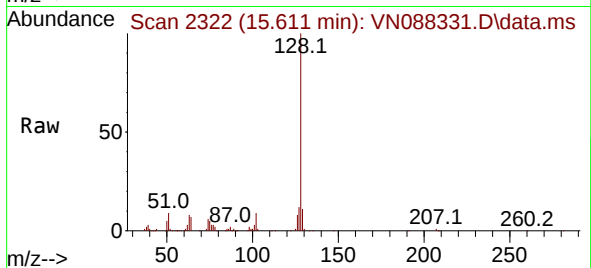
Tgt Ion:128 Resp: 255261

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.8 13.2



#92

1,2,3-Trichlorobenzene

Concen: 19.492 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088331.D

Acq: 20 Nov 2025 15:11

Tgt Ion:180 Resp: 68025

Ion Ratio Lower Upper

180 100

182 95.9 0.0 193.2

145 36.8 0.0 75.6

