

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088282.D
 Acq On : 14 Nov 2025 09:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 14 21:46:39 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

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

Internal Standards						
1) Bromochloromethane	7.794	128	56753	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	292349	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	258679	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	149883	28.912	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.367%
60) 4-Bromofluorobenzene	12.829	95	130266	29.790	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.300%
63) Toluene-d8	10.547	98	365993	29.885	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70469	17.664	ug/l	99
3) Chloromethane	2.383	50	77904	18.940	ug/l	97
4) Vinyl Chloride	2.536	62	76500	17.589	ug/l	97
5) Bromomethane	2.983	94	45280	19.525	ug/l	86
6) Chloroethane	3.142	64	47922	17.826	ug/l	96
7) Trichlorofluoromethane	3.512	101	103380	16.954	ug/l	95
8) Diethyl Ether	3.965	74	43386	19.037	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	52751	16.490	ug/l	72
10) 1,1-Dichloroethene	4.336	96	55978	17.937	ug/l	92
11) Methyl Iodide	4.577	142	55666	16.761	ug/l	89
12) Methyl Acetate	5.018	43	97586	19.383	ug/l	99
13) Acrolein	4.177	56	66384	89.617	ug/l	99
14) Acrylonitrile	5.706	53	221278	96.723	ug/l	98
15) Acetone	4.424	58	71977	107.586	ug/l	97
16) Carbon Disulfide	4.706	76	188992	17.956	ug/l	98
17) Allyl chloride	5.012	41	111829	18.440	ug/l	95
18) Methylene Chloride	5.265	84	74926	19.316	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	66706	18.356	ug/l	96
20) Diisopropyl ether	6.659	45	246854	19.049	ug/l	95
21) 1,1-Dichloroethane	6.553	63	132554	18.156	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	78155	18.504	ug/l	97
23) tert-Butyl Alcohol	5.518	59	77299	91.889	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	241766	19.214	ug/l #	75
25) Chloroform	7.947	83	134330	18.568	ug/l	93
26) Cyclohexane	8.241	56	100977	16.374	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	88757	18.195	ug/l	98
30) 2-Butanone	7.471	43	322492	102.204	ug/l	99
31) 2,2-Dichloropropane	7.471	77	112063	18.626	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	110767	18.420	ug/l	98
33) Carbon Tetrachloride	8.341	117	91711	17.860	ug/l	99
34) Benzene	8.588	78	279477	19.168	ug/l	96
35) Methacrylonitrile	7.765	41	64369	19.557	ug/l	95
36) 1,2-Dichloroethane	8.653	62	114265	20.137	ug/l	99
37) Trichloroethene	9.335	130	62874	19.029	ug/l	99
38) Methylcyclohexane	9.576	83	87911	15.720	ug/l	97
39) 1,2-Dichloropropane	9.600	63	73389	19.509	ug/l	96
40) Dibromomethane	9.688	93	53825	19.915	ug/l	98
41) Bromodichloromethane	9.870	83	108899	20.015	ug/l	96
42) Vinyl Acetate	6.588	43	1021613	97.006	ug/l	99

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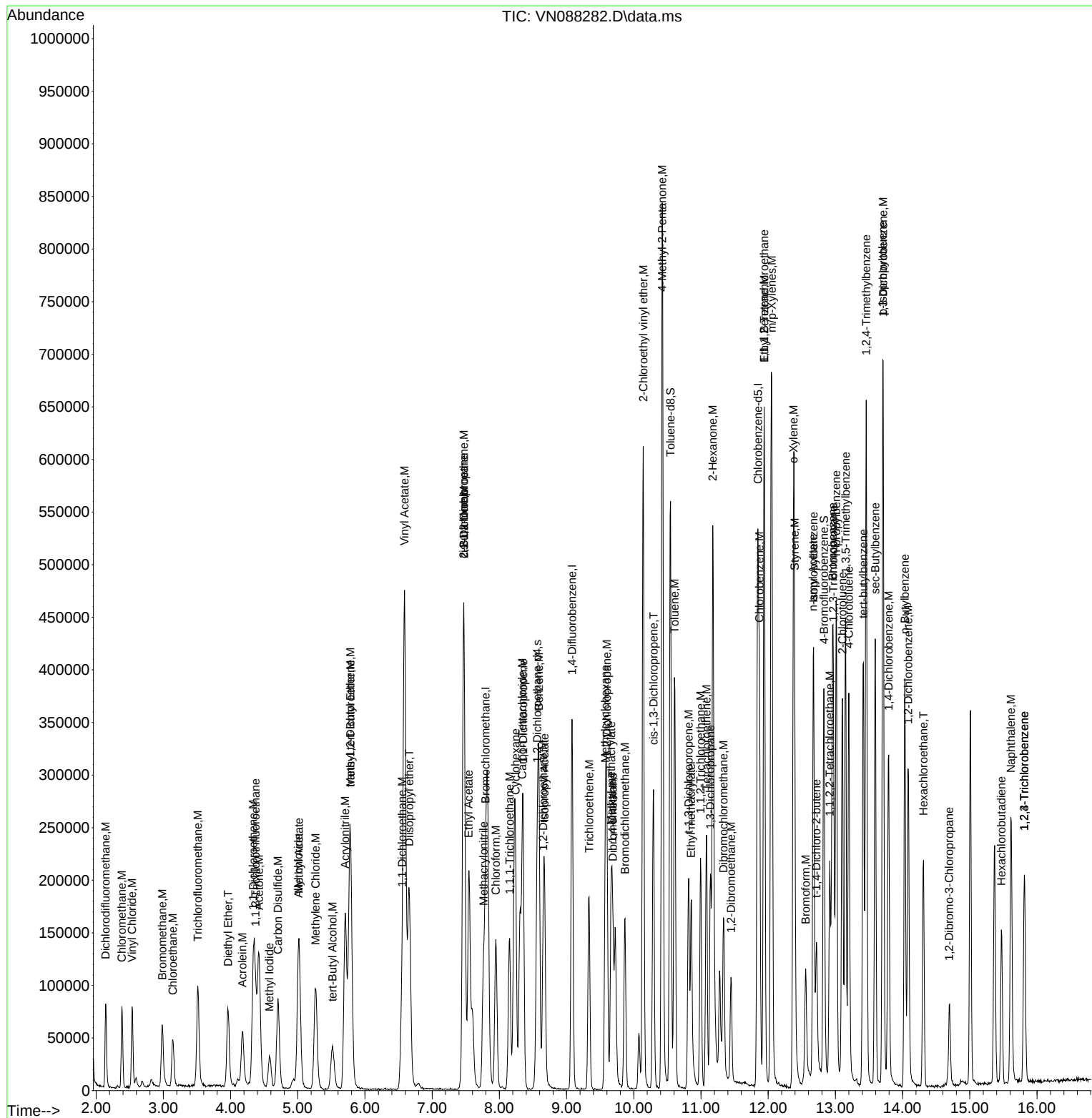
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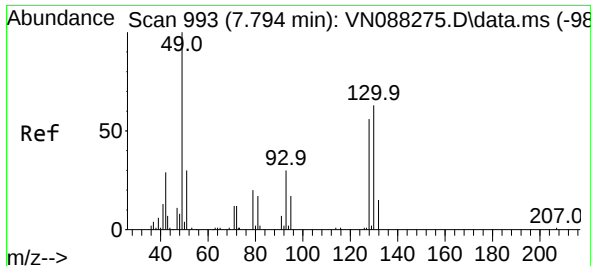
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	122405	19.280	ug/l	98
44) Isopropyl Acetate	8.671	43	191740	19.597	ug/l	100
45) 1,4-Dioxane	9.682	88	22316	378.753	ug/l #	95
46) Methyl methacrylate	9.665	41	89606	19.571	ug/l	89
47) n-amyl Acetate	12.670	43	2409	0.486	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	110268	18.948	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	119341	19.710	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	66320	19.844	ug/l	98
51) Ethyl methacrylate	10.853	69	101720	18.500	ug/l	97
52) 1,3-Dichloropropane	11.141	76	118417	19.456	ug/l	98
53) Dibromochloromethane	11.335	129	76785	20.002	ug/l	100
54) 1,2-Dibromoethane	11.447	107	67347	19.395	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	260441	82.226	ug/l	98
56) Bromoform	12.559	173	45527	18.737	ug/l	97
58) 4-Methyl-2-Pentanone	10.423	43	594651	101.638	ug/l	99
59) 2-Hexanone	11.176	43	404541	104.129	ug/l	99
61) Tetrachloroethene	11.082	164	50923	19.094	ug/l	94
62) Toluene	10.606	91	289263	19.486	ug/l	98
64) Chlorobenzene	11.870	112	181009	19.688	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	63696	20.242	ug/l	99
66) Ethyl Benzene	11.941	91	307462	18.793	ug/l	98
67) m/p-Xylenes	12.053	106	223869	36.590	ug/l	97
68) o-Xylene	12.376	106	107785	18.675	ug/l	97
69) Styrene	12.394	104	181322	18.497	ug/l	98
70) Isopropylbenzene	12.676	105	275978	18.043	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.917	83	101244	20.434	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	132821	27.671	ug/l	52
73) Bromobenzene	12.959	156	67754	19.621	ug/l	95
74) n-propylbenzene	13.011	91	343303	18.136	ug/l	100
75) 2-Chlorotoluene	13.106	91	214918	18.672	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	240526	18.733	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	26738	16.221	ug/l	95
78) 4-Chlorotoluene	13.200	91	217919	18.683	ug/l	99
79) tert-butylbenzene	13.417	119	194329	17.678	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	238237	18.660	ug/l	100
81) sec-Butylbenzene	13.594	105	283792	17.700	ug/l	99
82) p-Isopropyltoluene	13.706	119	233504	17.625	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	128165	19.103	ug/l	100
84) 1,4-Dichlorobenzene	13.794	146	131673	19.379	ug/l	97
85) n-Butylbenzene	14.035	91	228661	18.110	ug/l	99
86) Hexachloroethane	14.311	117	46023	18.143	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	124546	19.667	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	22398	19.232	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	66581	18.736	ug/l	98
90) Hexachlorobutadiene	15.470	225	24063	17.436	ug/l	97
91) Naphthalene	15.611	128	238883	18.578	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	66581	18.736	ug/l	98

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

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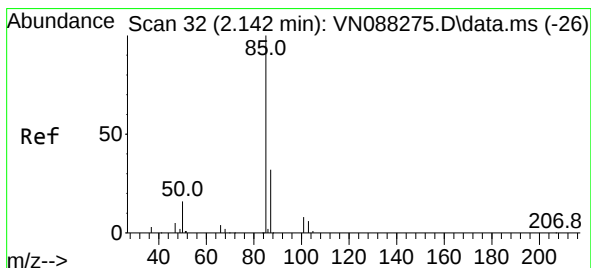
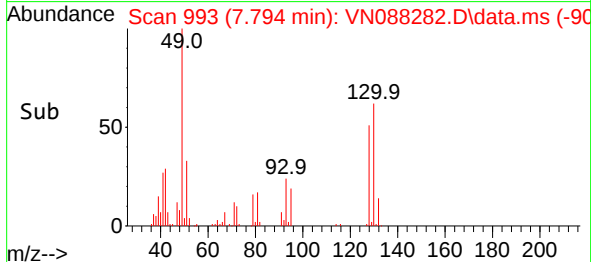
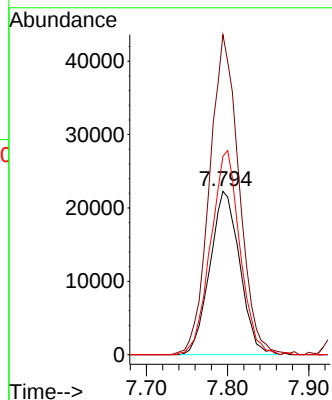
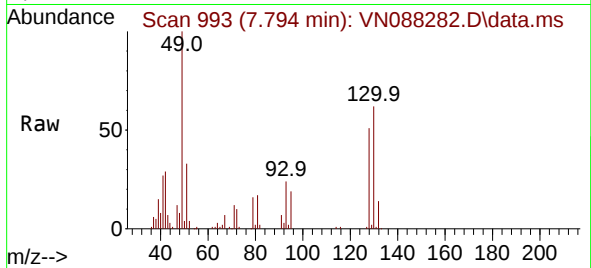




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

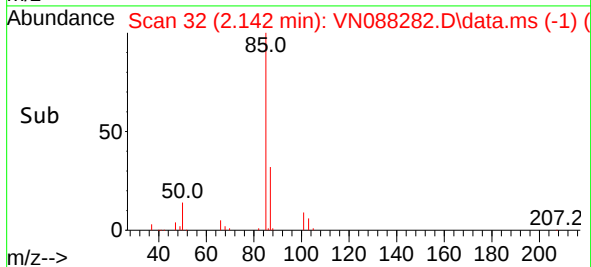
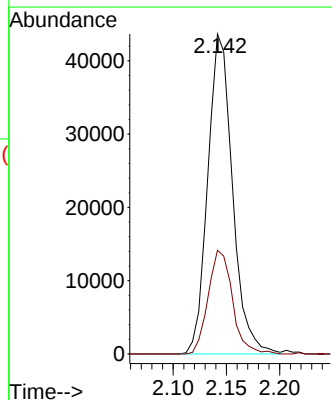
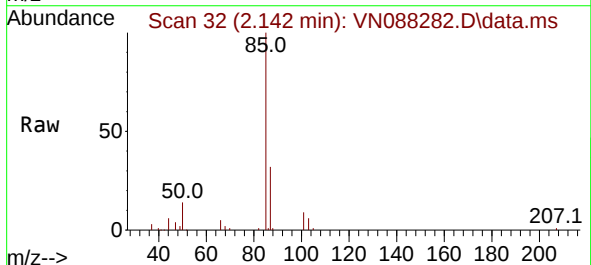
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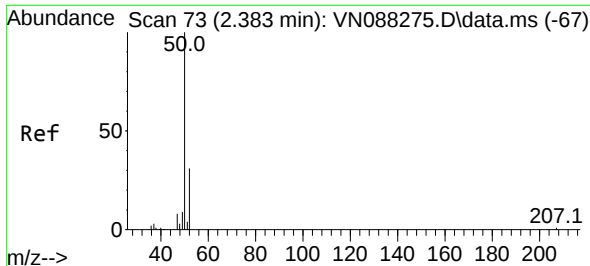
Tgt Ion:128 Resp: 56753
Ion Ratio Lower Upper
128 100
49 194.0 0.0 501.2
130 122.6 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 17.664 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 85 Resp: 70469
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

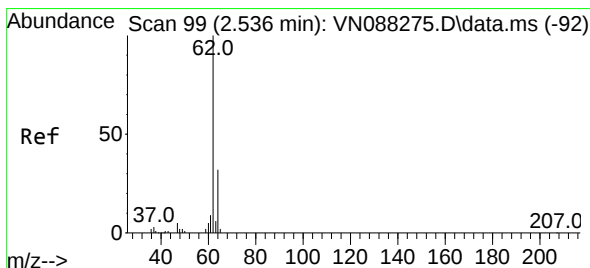
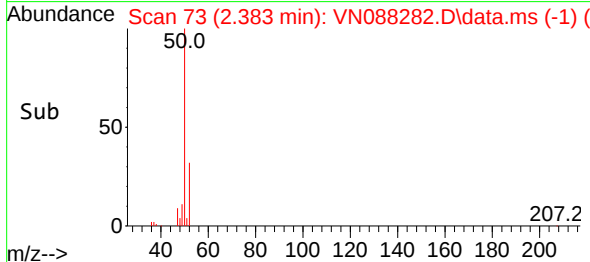
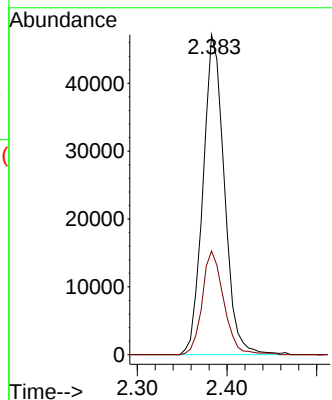
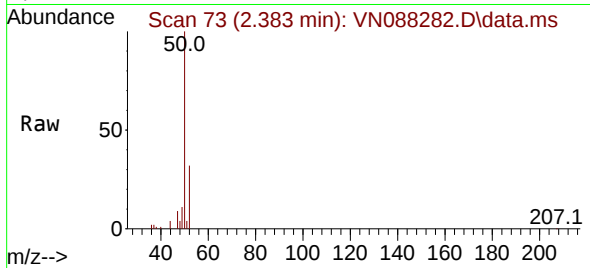




#3
Chloromethane
Concen: 18.940 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

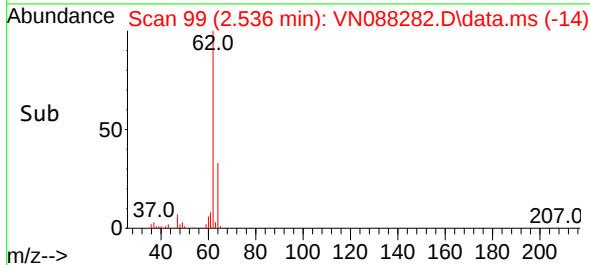
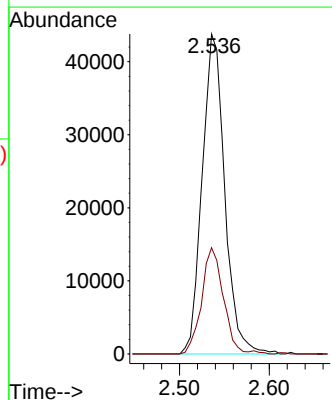
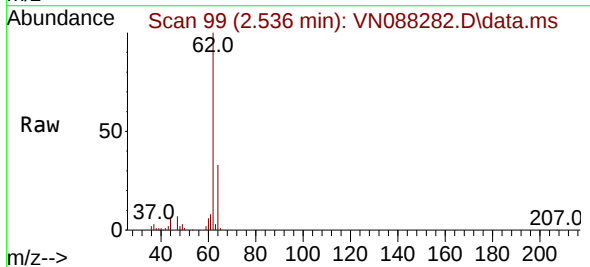
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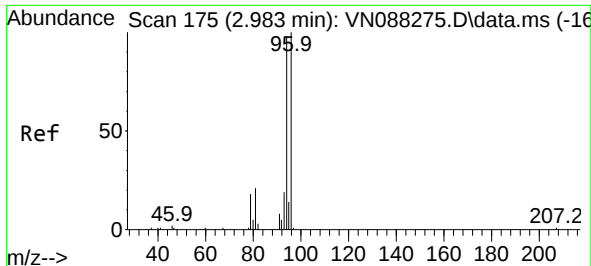
Tgt Ion: 50 Resp: 77904
Ion Ratio Lower Upper
50 100
52 32.4 24.6 36.8



#4
Vinyl Chloride
Concen: 17.589 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 62 Resp: 76500
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.2

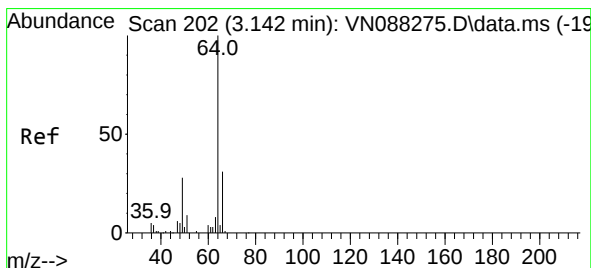
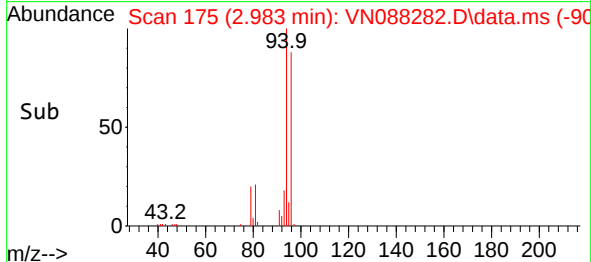
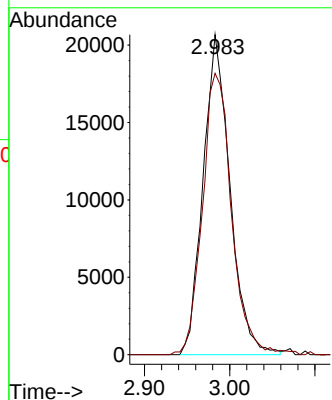
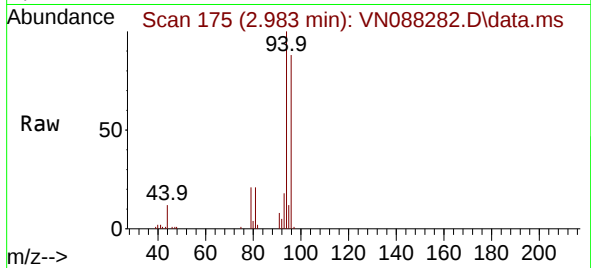




#5
Bromomethane
Concen: 19.525 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

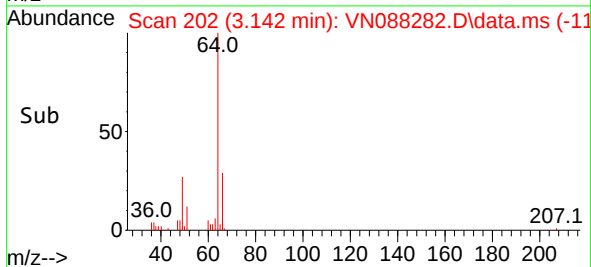
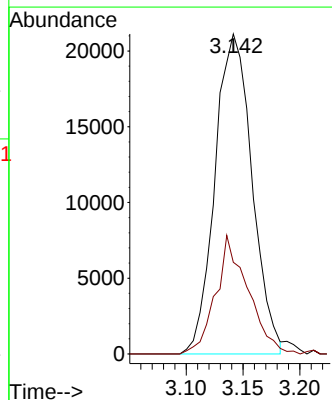
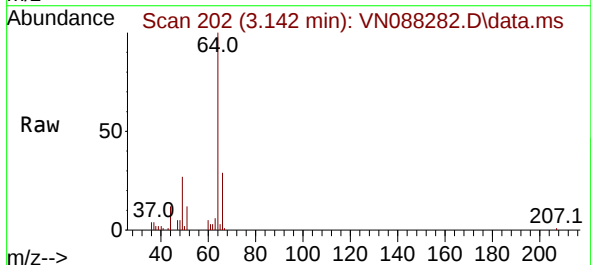
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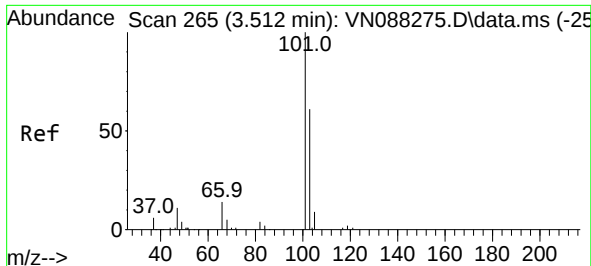
Tgt Ion: 94 Resp: 45280
Ion Ratio Lower Upper
94 100
96 87.0 81.3 121.9



#6
Chloroethane
Concen: 17.826 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 64 Resp: 47922
Ion Ratio Lower Upper
64 100
66 28.6 24.7 37.1

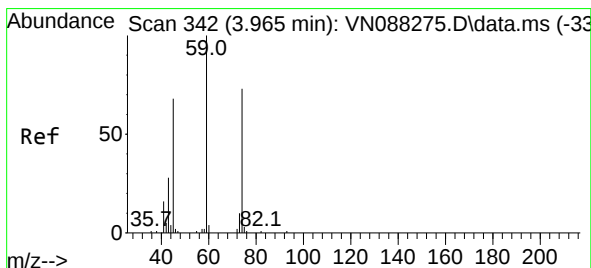
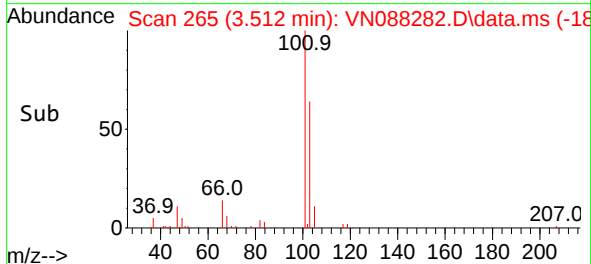
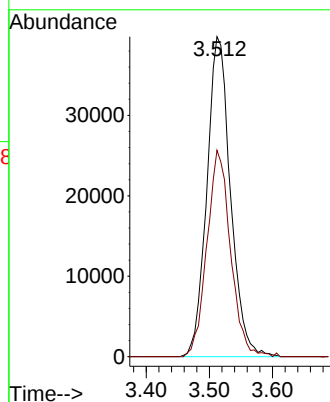
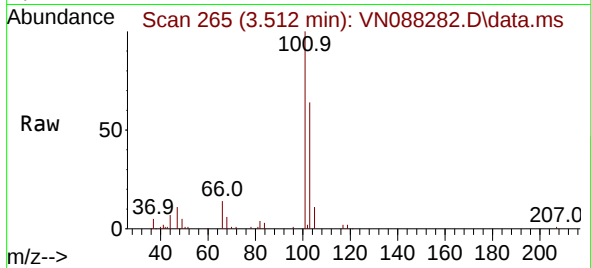




#7
 Trichlorofluoromethane
 Concen: 16.954 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088282.D
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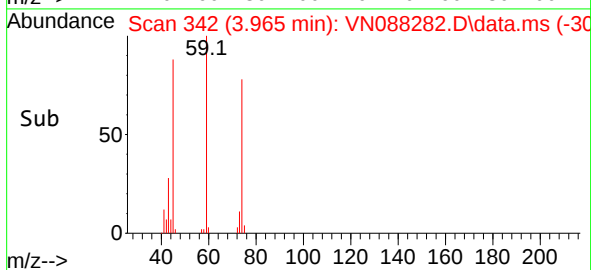
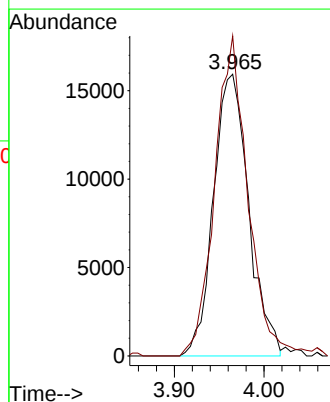
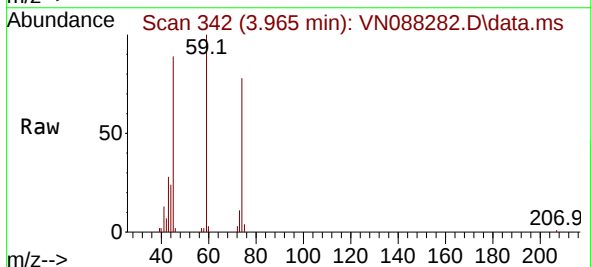
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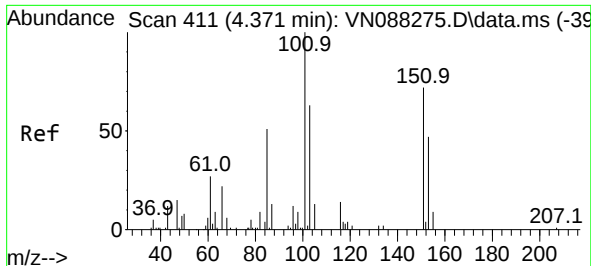
Tgt Ion:101 Resp: 103380
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.6 73.0



#8
 Diethyl Ether
 Concen: 19.037 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN088282.D
 Acq: 14 Nov 2025 09:07

Tgt Ion: 74 Resp: 43386
 Ion Ratio Lower Upper
 74 100
 45 107.3 20.9 187.7

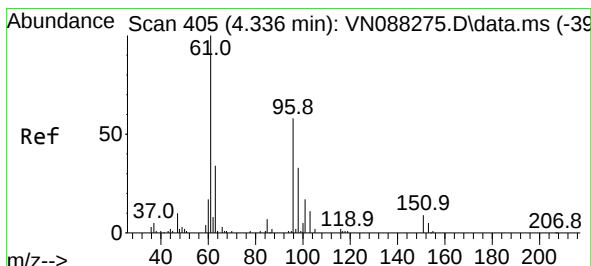
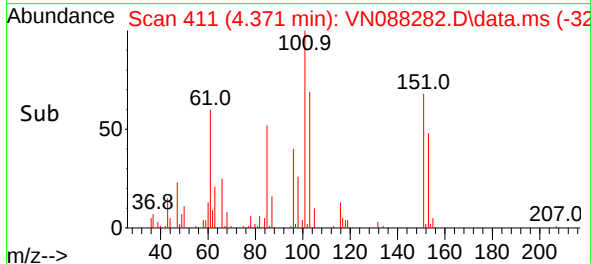
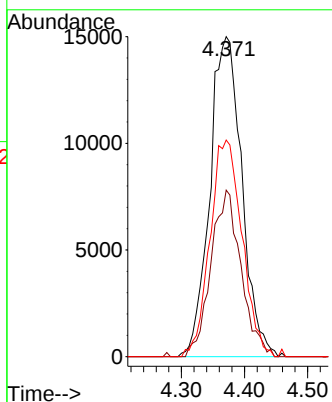
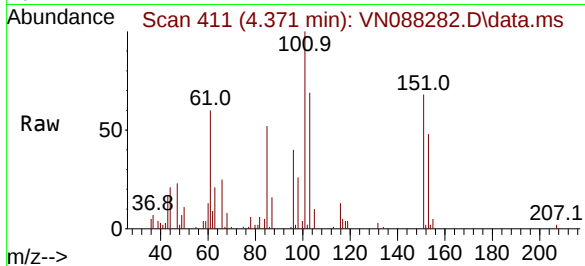




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.490 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
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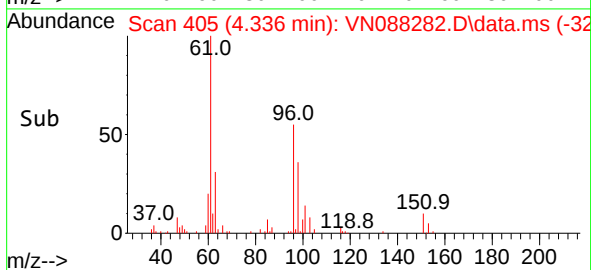
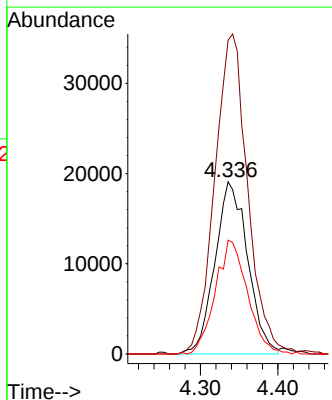
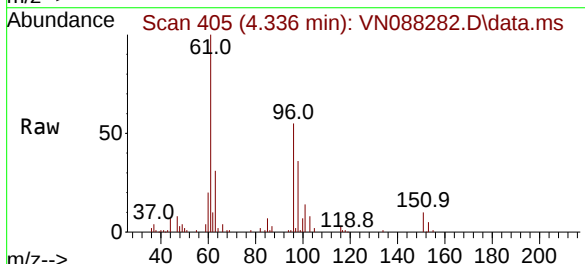
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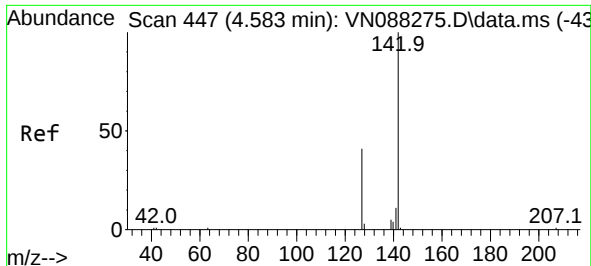
Tgt Ion:101 Resp: 52751
 Ion Ratio Lower Upper
 101 100
 85 48.9 0.0 100.8
 151 30.4 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 17.937 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN088282.D
 Acq: 14 Nov 2025 09:07

Tgt Ion: 96 Resp: 55978
 Ion Ratio Lower Upper
 96 100
 61 182.2 137.8 206.8
 98 66.1 45.6 68.4

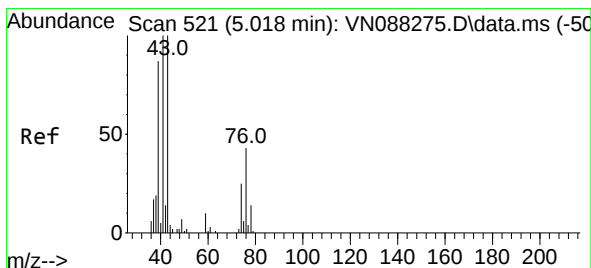
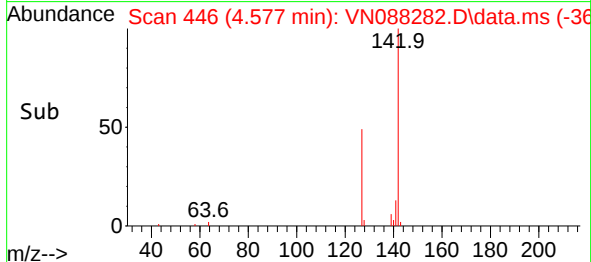
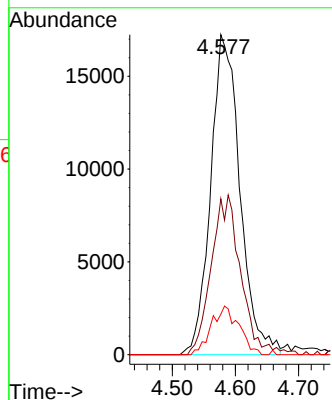
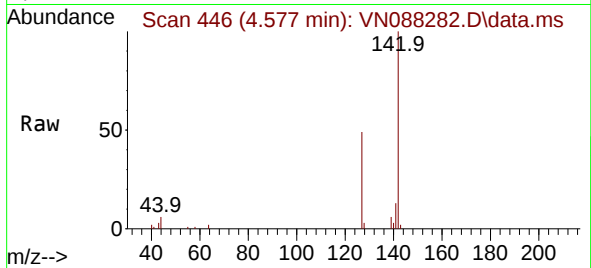




#11
Methyl Iodide
Concen: 16.761 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

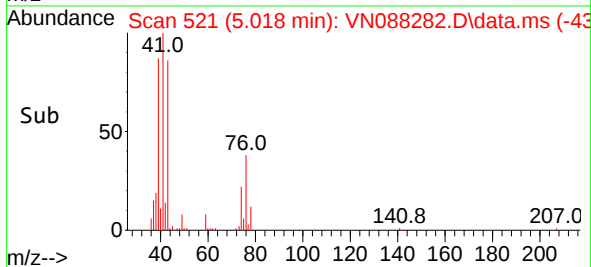
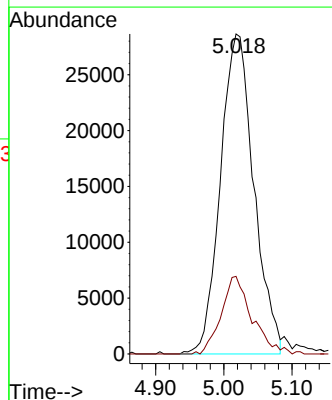
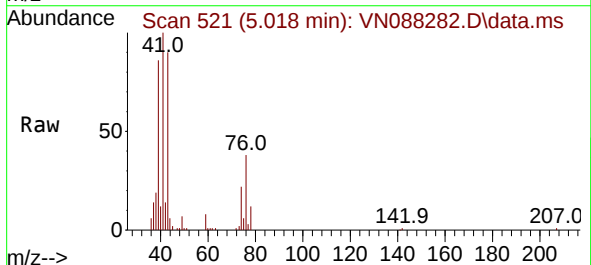
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

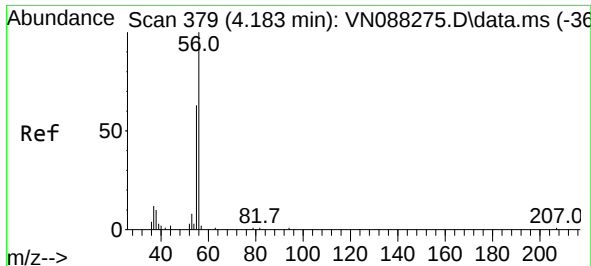
Tgt Ion:142 Resp: 55666
Ion Ratio Lower Upper
142 100
127 48.6 20.4 61.2
141 12.8 5.6 16.8



#12
Methyl Acetate
Concen: 19.383 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 43 Resp: 97586
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8

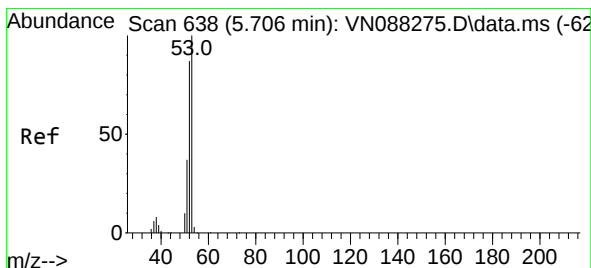
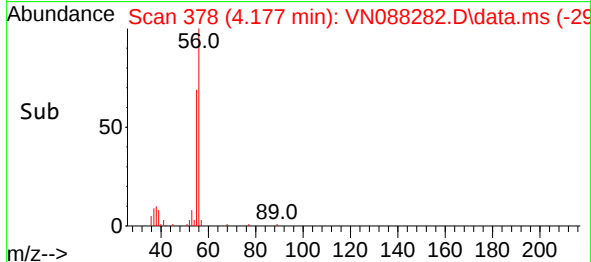
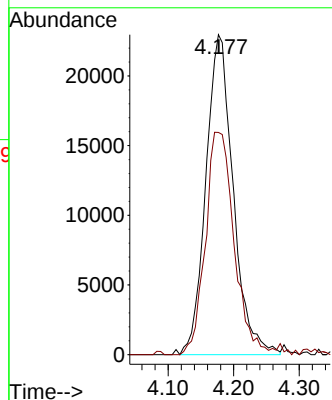
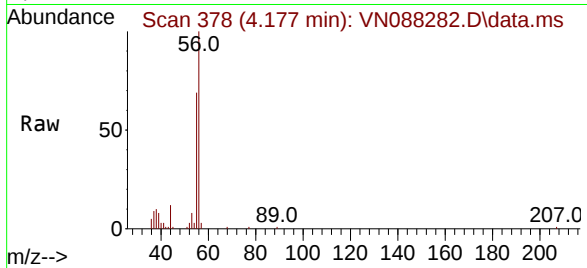




#13
Acrolein
Concen: 89.617 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

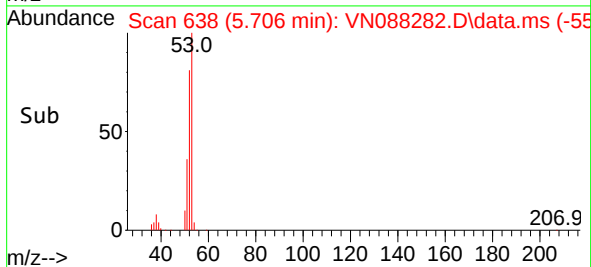
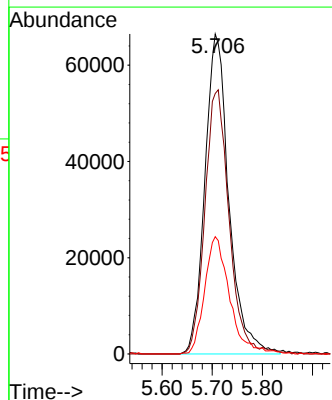
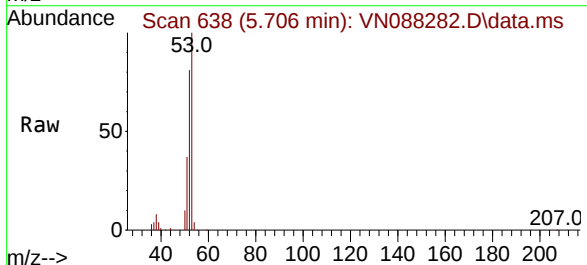
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

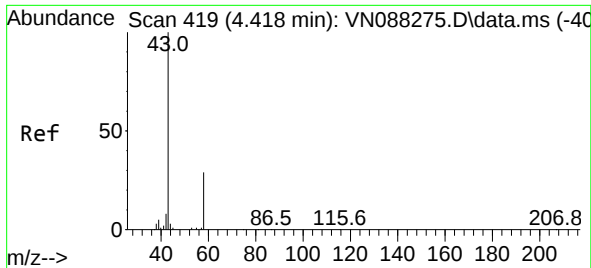
Tgt Ion: 56 Resp: 66384
Ion Ratio Lower Upper
56 100
55 73.2 57.9 86.9



#14
Acrylonitrile
Concen: 96.723 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 53 Resp: 221278
Ion Ratio Lower Upper
53 100
52 82.2 42.3 126.9
51 36.3 18.4 55.2

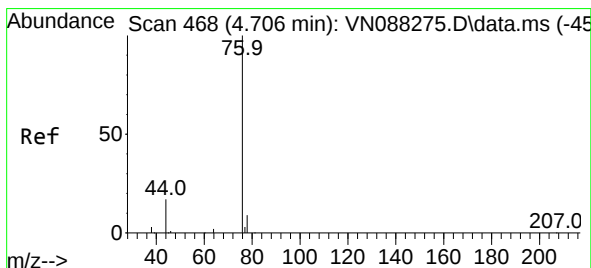
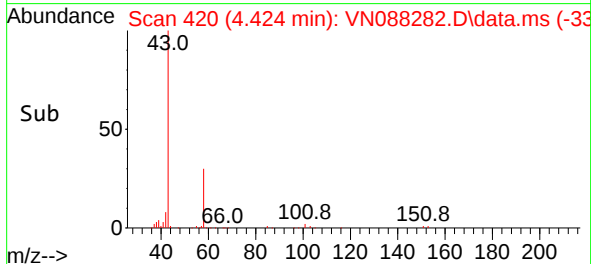
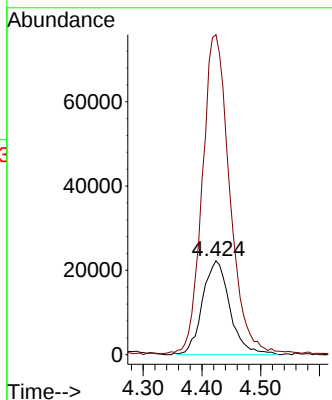
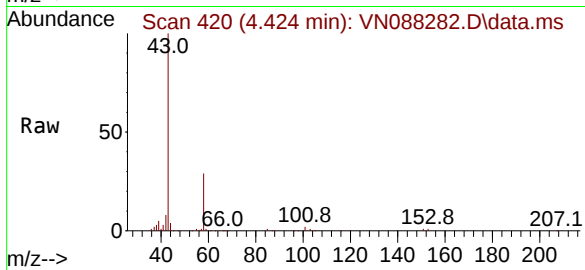




#15
Acetone
Concen: 107.586 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

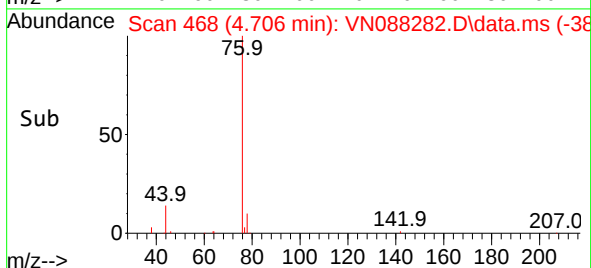
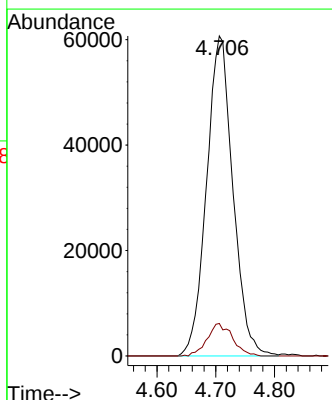
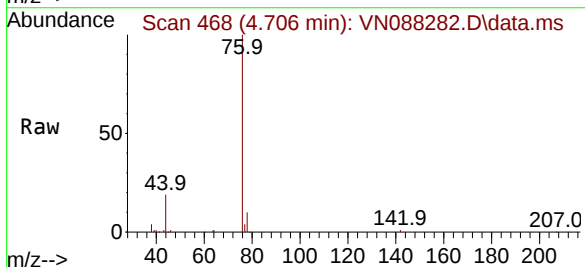
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

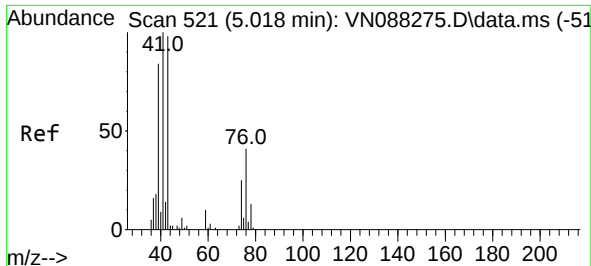
Tgt Ion: 58 Resp: 71977
Ion Ratio Lower Upper
58 100
43 337.0 273.9 410.9



#16
Carbon Disulfide
Concen: 17.956 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

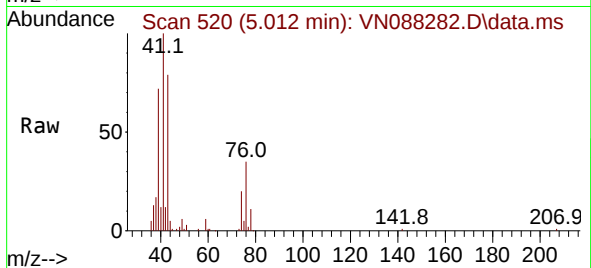
Tgt Ion: 76 Resp: 188992
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



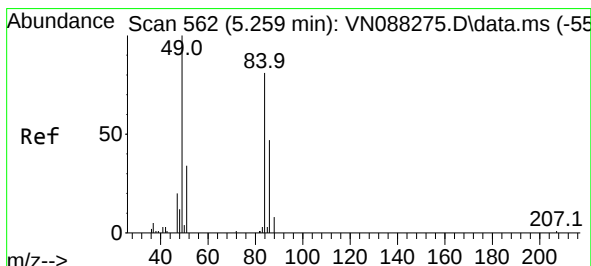
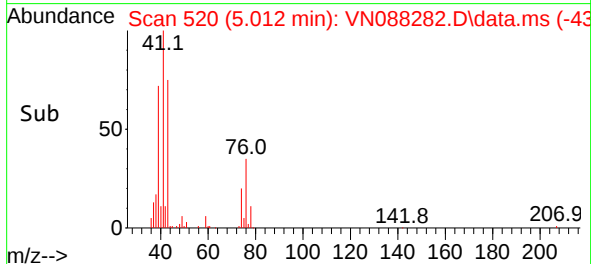
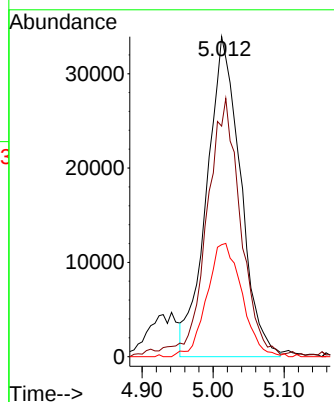


#17
Allyl chloride
Concen: 18.440 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

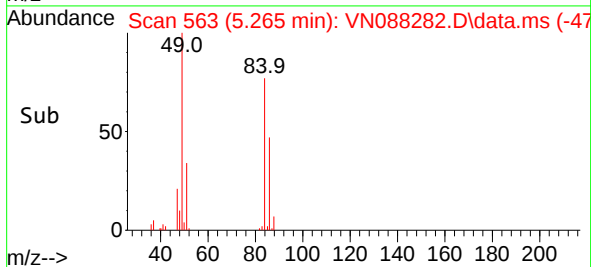
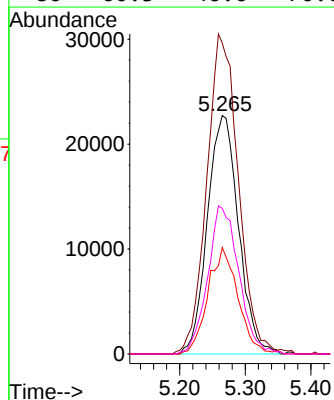
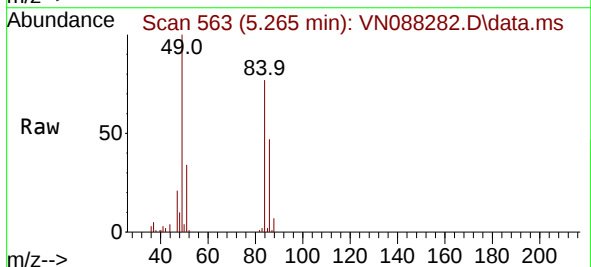


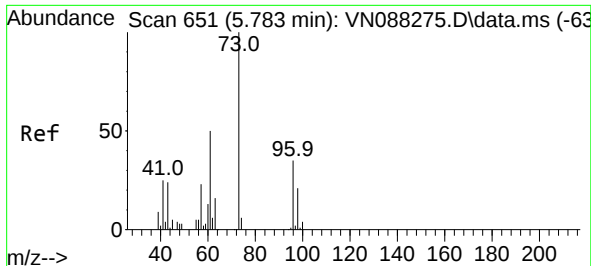
Tgt Ion: 41 Resp: 111829
Ion Ratio Lower Upper
41 100
39 71.8 38.3 114.9
76 35.0 18.5 55.5



#18
Methylene Chloride
Concen: 19.316 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 84 Resp: 74926
Ion Ratio Lower Upper
84 100
49 128.8 98.7 148.1
51 44.7 33.7 50.5
86 60.3 46.6 70.0

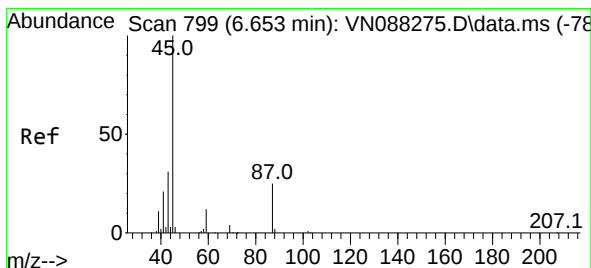
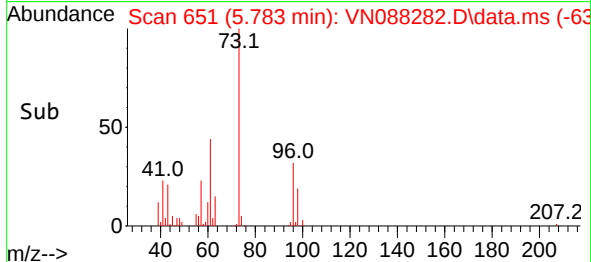
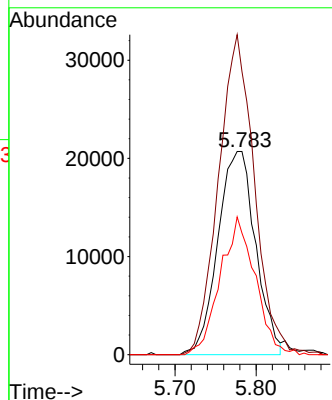
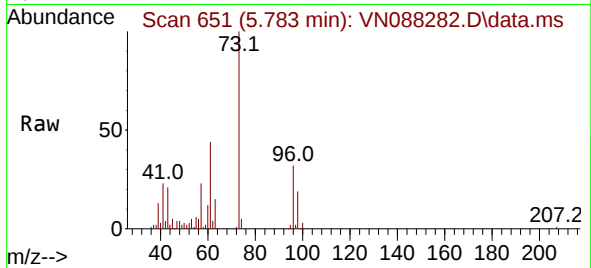




#19
trans-1,2-Dichloroethene
Concen: 18.356 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

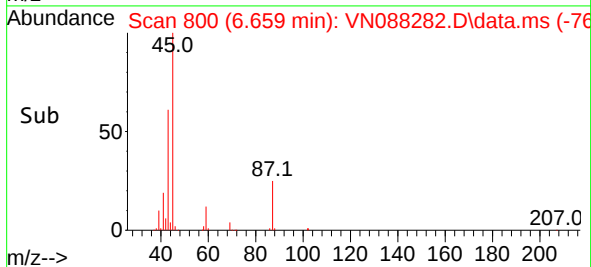
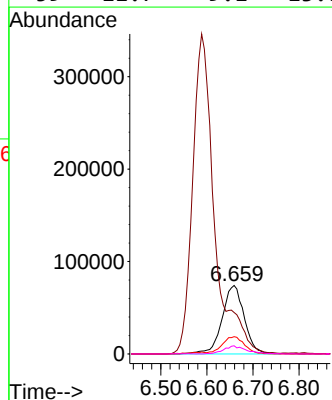
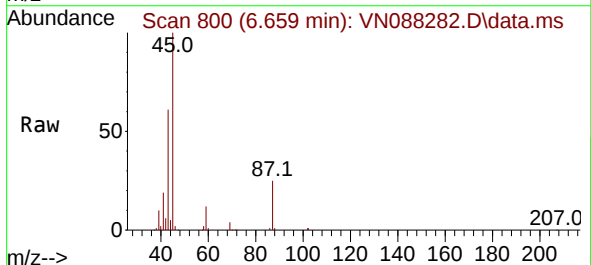
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

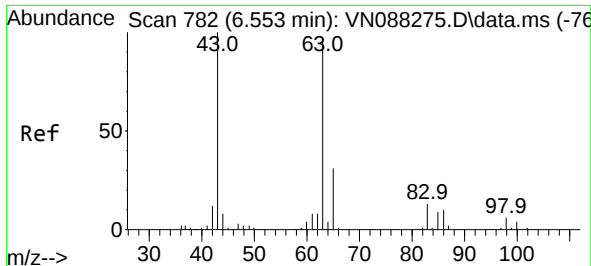
Tgt Ion: 96 Resp: 66706
Ion Ratio Lower Upper
96 100
61 139.4 117.0 175.4
98 59.8 48.6 72.8



#20
Diisopropyl ether
Concen: 19.049 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 45 Resp: 246854
Ion Ratio Lower Upper
45 100
43 59.5 51.9 77.9
87 25.2 21.1 31.7
59 11.7 9.1 13.7

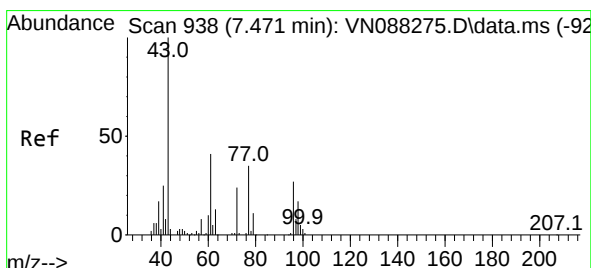
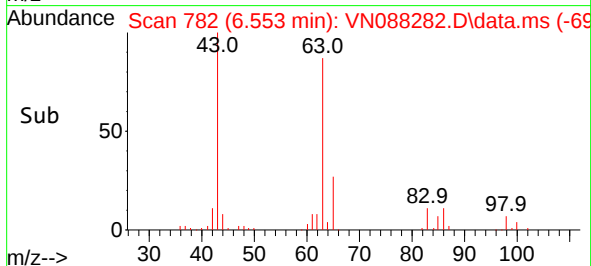
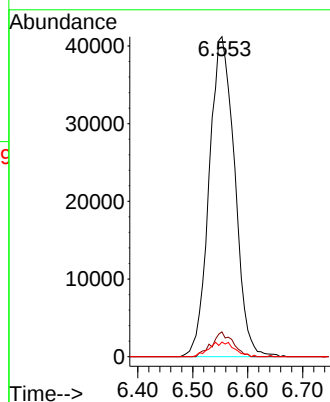
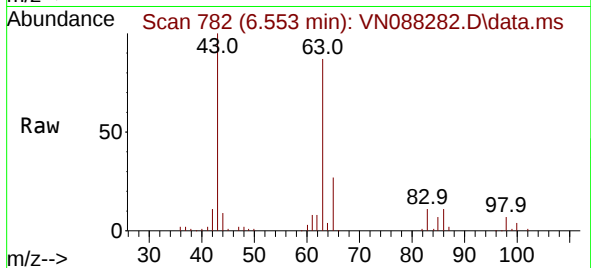




#21
1,1-Dichloroethane
Concen: 18.156 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

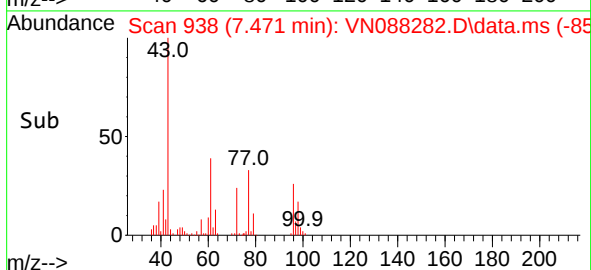
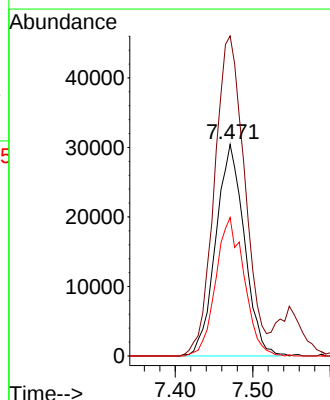
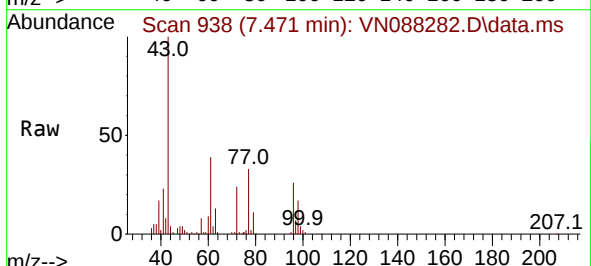
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

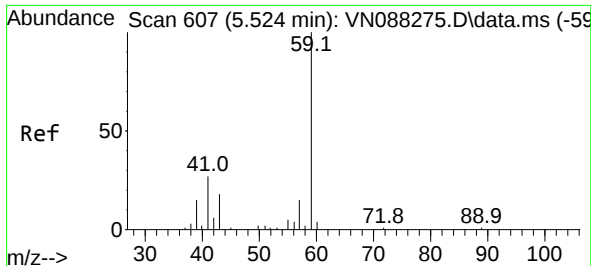
Tgt Ion: 63 Resp: 132554
Ion Ratio Lower Upper
63 100
98 7.7 3.0 9.0
100 4.6 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.504 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 96 Resp: 78155
Ion Ratio Lower Upper
96 100
61 159.6 131.2 196.8
98 64.8 51.0 76.4

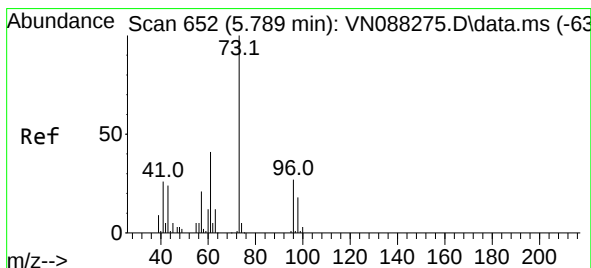
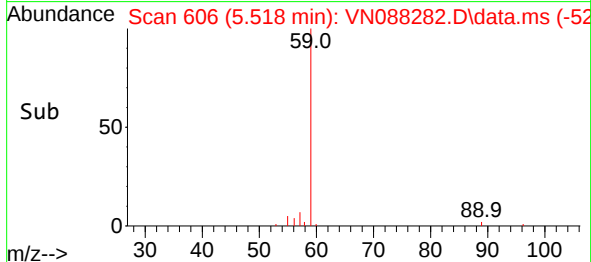
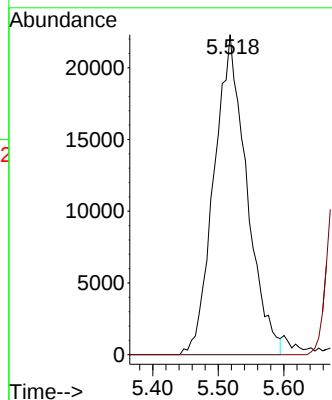
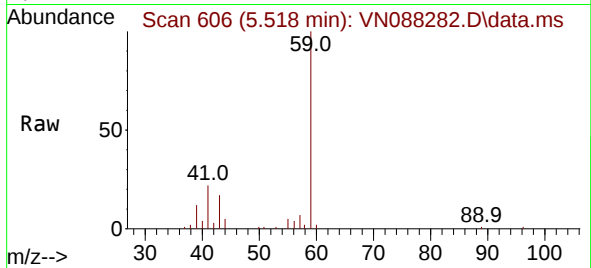




#23
tert-Butyl Alcohol
Concen: 91.889 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

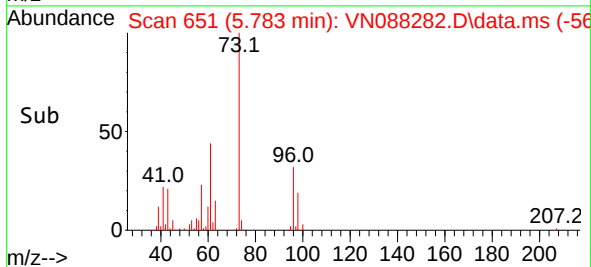
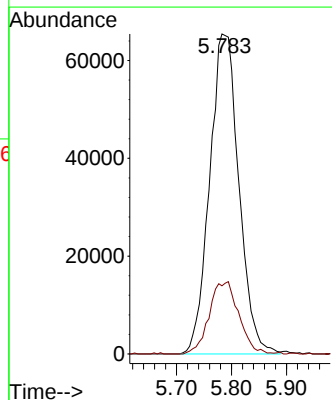
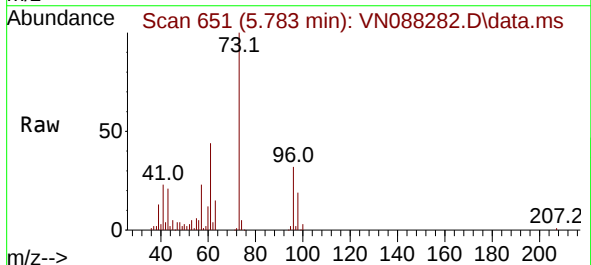
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

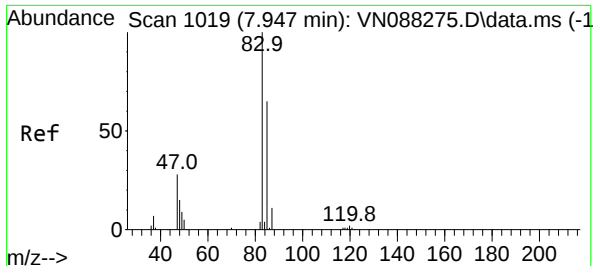
Tgt Ion: 59 Resp: 77299
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.214 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 73 Resp: 241766
Ion Ratio Lower Upper
73 100
43 11.0 18.5 27.7#





#25

Chloroform

Concen: 18.568 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

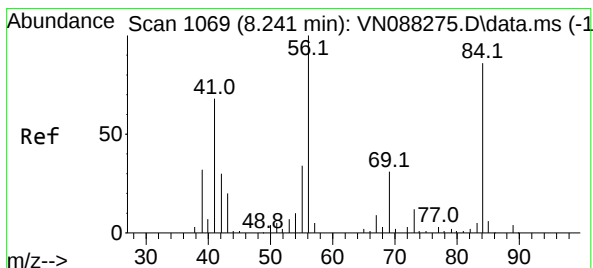
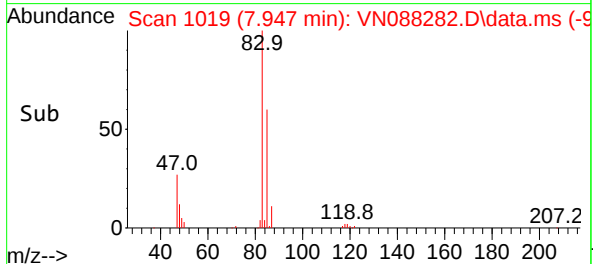
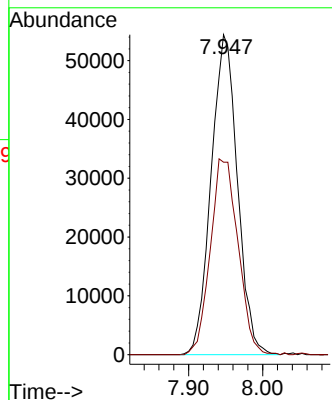
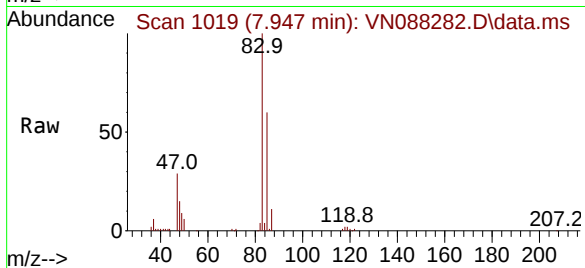
VSTDCCC020

Tgt Ion: 83 Resp: 134330

Ion Ratio Lower Upper

83 100

85 60.2 52.2 78.4



#26

Cyclohexane

Concen: 16.374 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

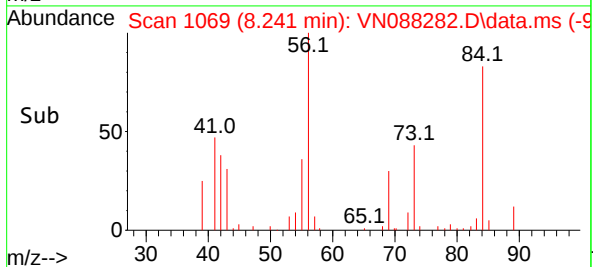
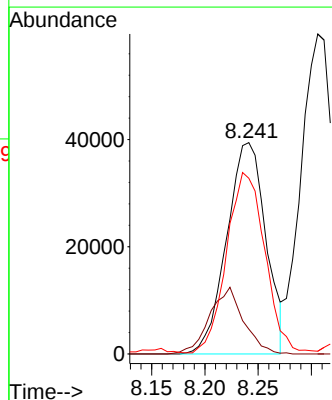
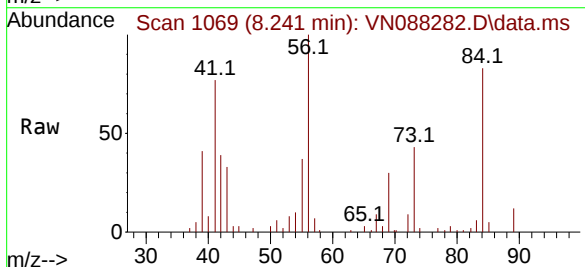
Tgt Ion: 56 Resp: 100977

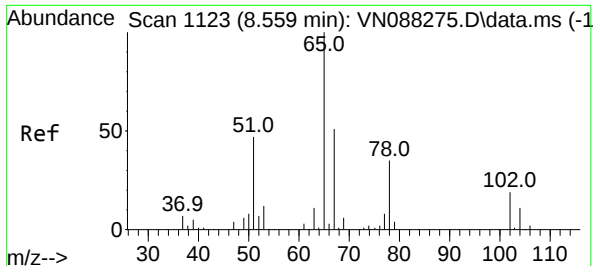
Ion Ratio Lower Upper

56 100

89 27.4 7.3 10.9#

84 84.6 67.8 101.8

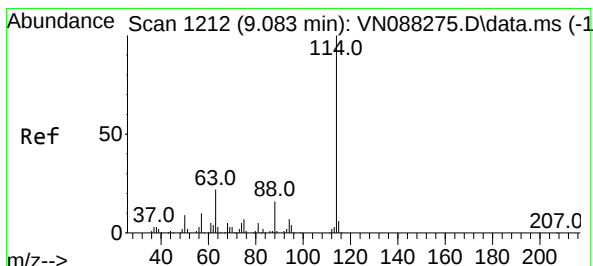
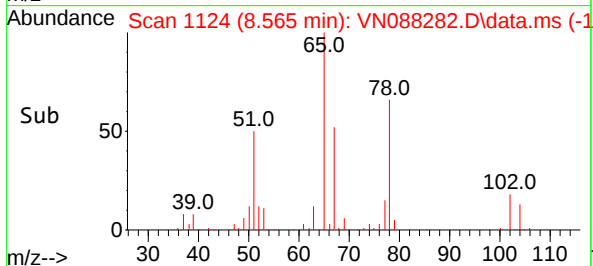
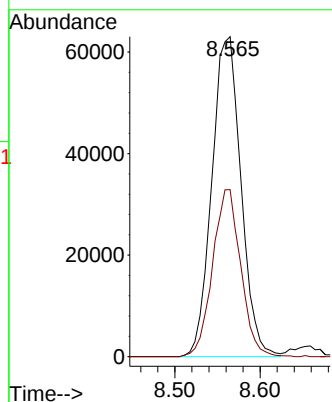
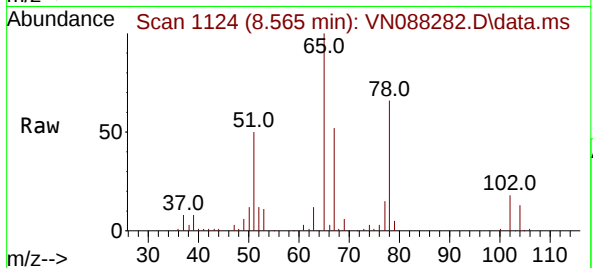




#27
1,2-Dichloroethane-d4
Concen: 28.912 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

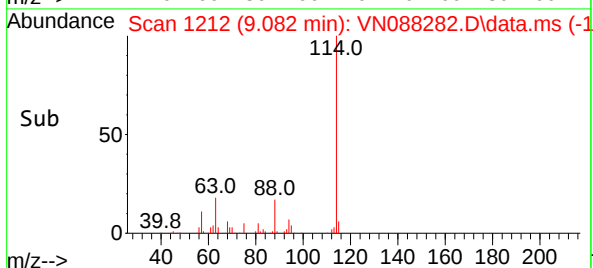
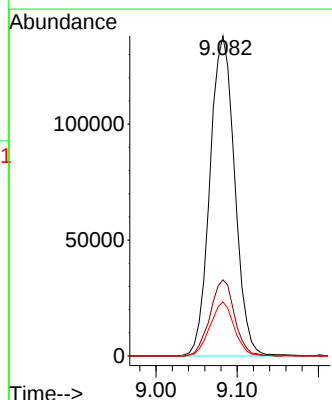
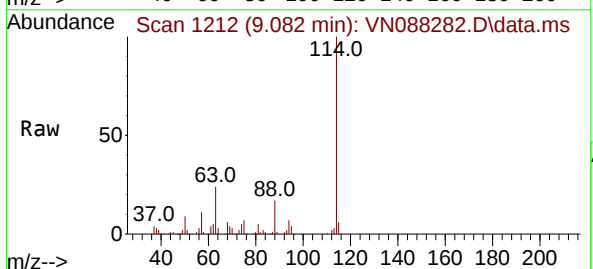
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

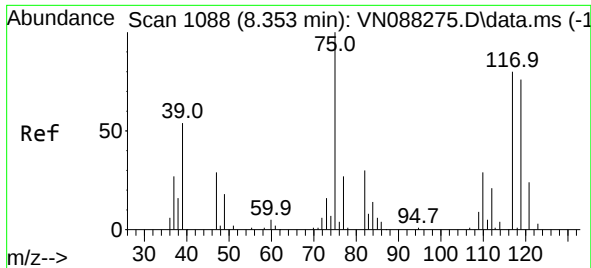
Tgt Ion: 65 Resp: 149883
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 114 Resp: 292349
Ion Ratio Lower Upper
114 100
63 23.5 18.9 28.3
88 16.4 12.8 19.2

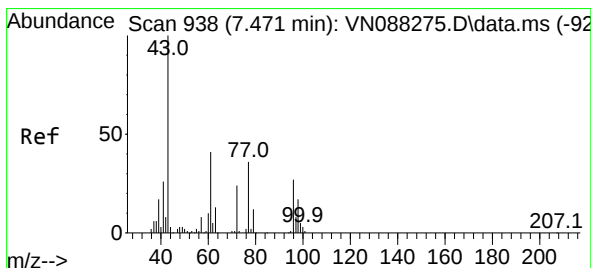
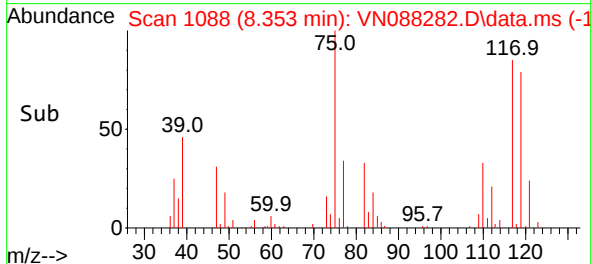
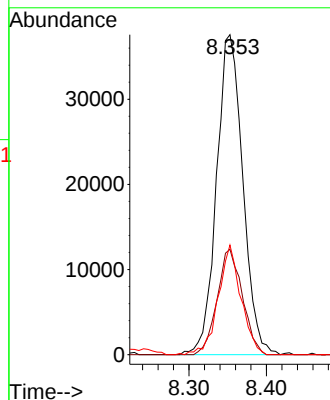
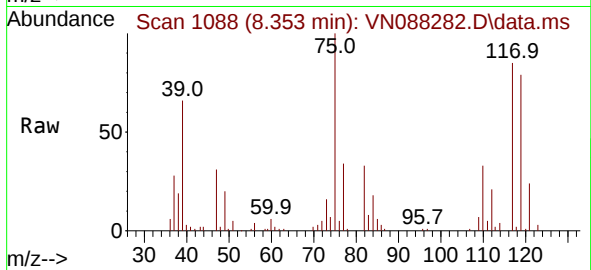




#29
1,1-Dichloropropene
Concen: 18.195 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

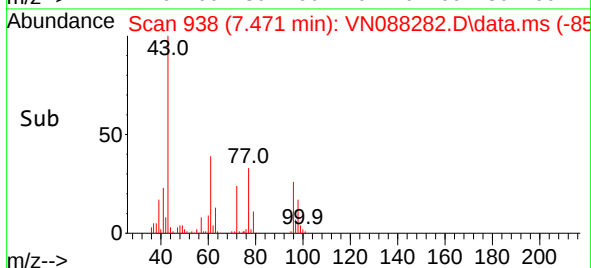
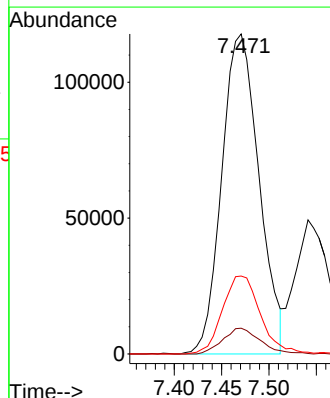
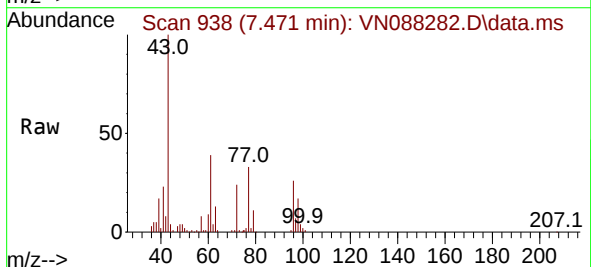
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

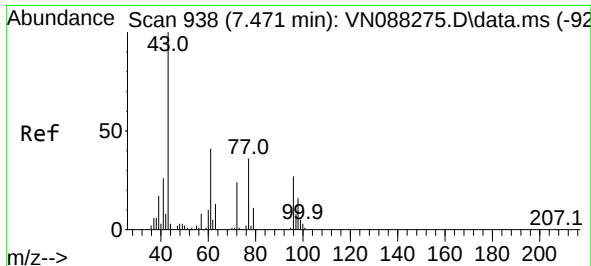
Tgt Ion: 75 Resp: 88757
Ion Ratio Lower Upper
75 100
110 31.6 0.0 65.6
77 29.6 0.0 60.8



#30
2-Butanone
Concen: 102.204 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 43 Resp: 322492
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.4
72 24.7 19.4 29.2

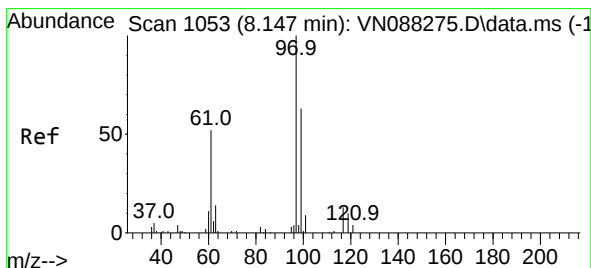
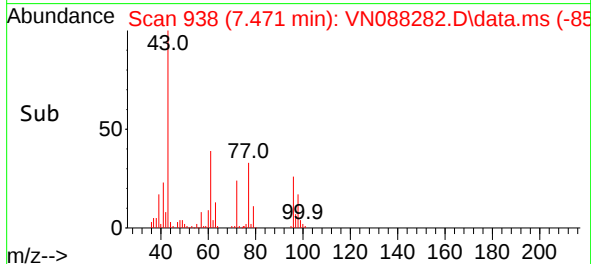
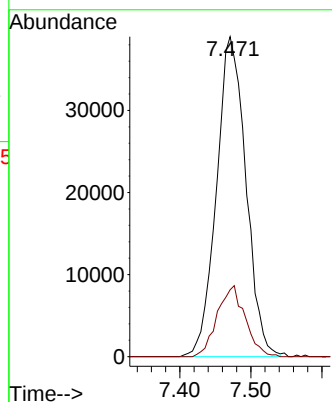
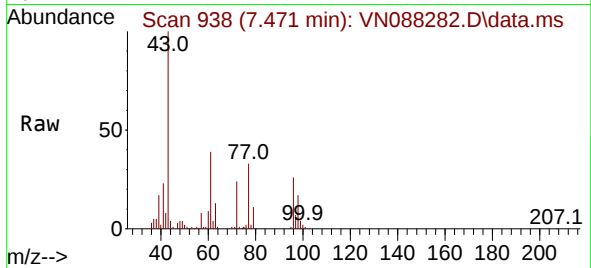




#31
2,2-Dichloropropane
Concen: 18.626 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

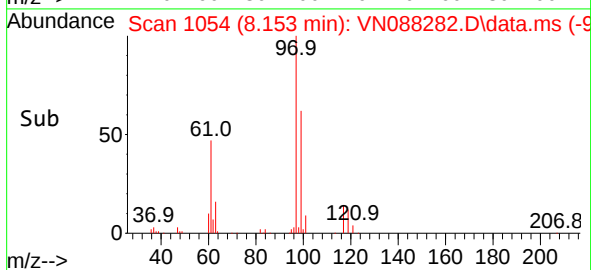
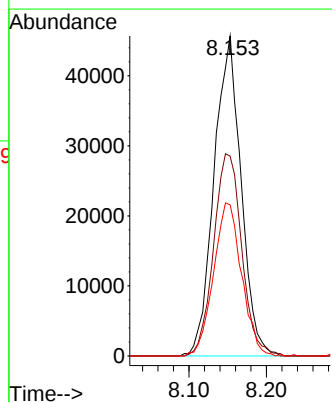
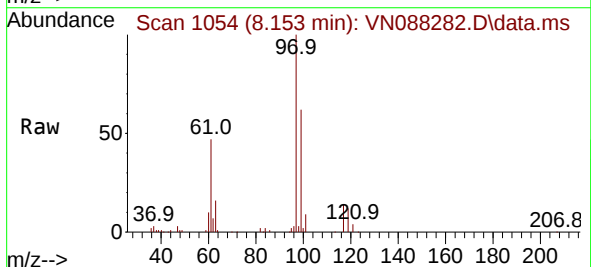
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

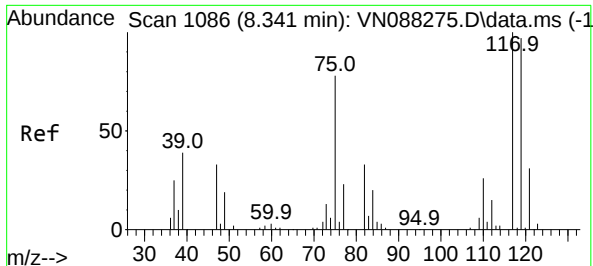
Tgt Ion: 77 Resp: 112063
Ion Ratio Lower Upper
77 100
97 21.0 16.8 25.2



#32
1,1,1-Trichloroethane
Concen: 18.420 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 97 Resp: 110767
Ion Ratio Lower Upper
97 100
99 65.5 50.2 75.4
61 49.6 39.8 59.8

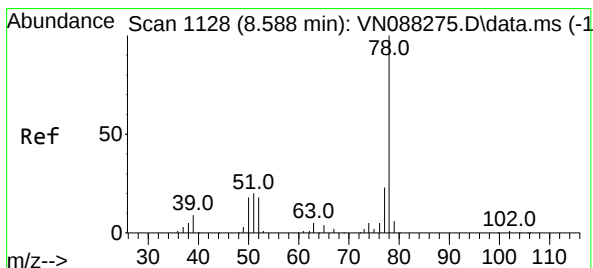
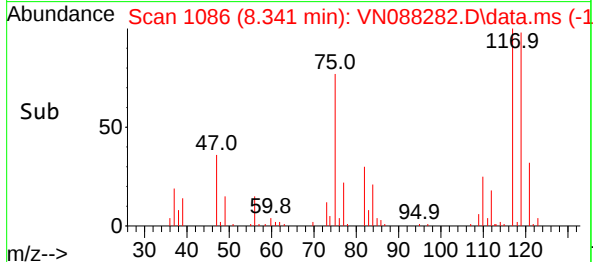
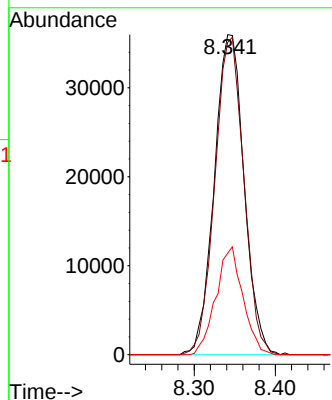
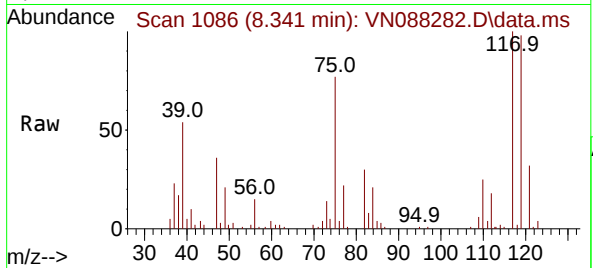




#33
Carbon Tetrachloride
Concen: 17.860 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

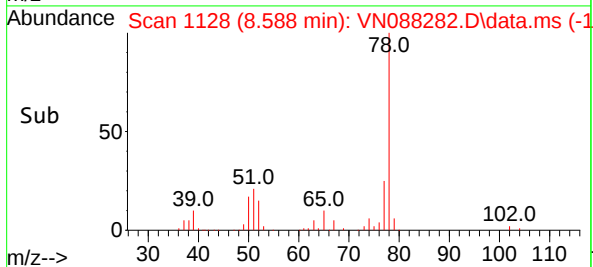
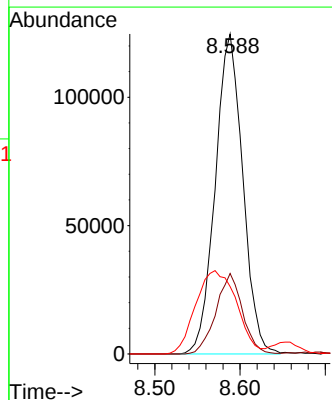
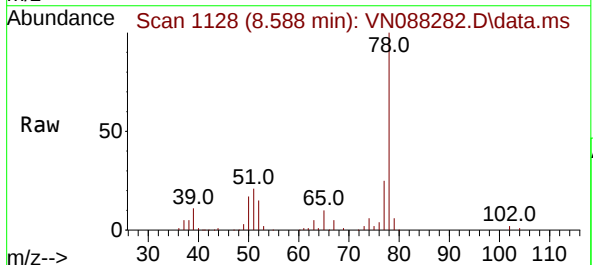
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

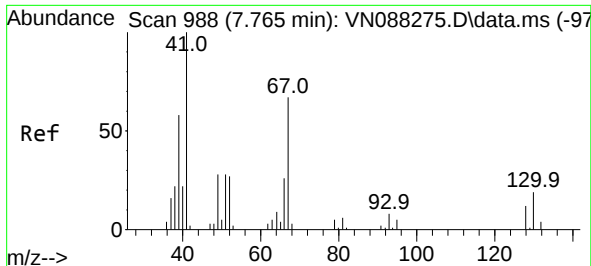
Tgt Ion:117 Resp: 91711
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.8
121 31.7 24.5 36.7



#34
Benzene
Concen: 19.168 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 78 Resp: 279477
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8
51 18.4 15.8 23.8



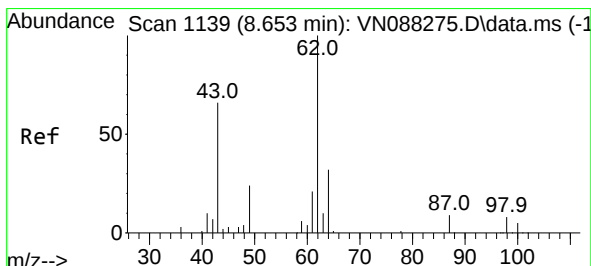
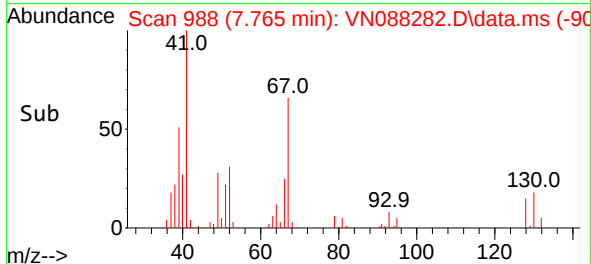
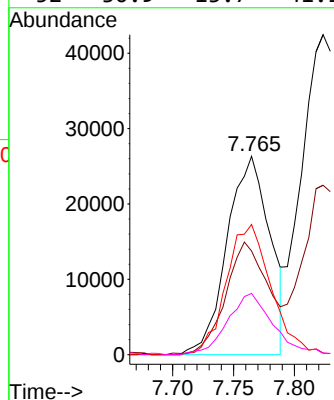
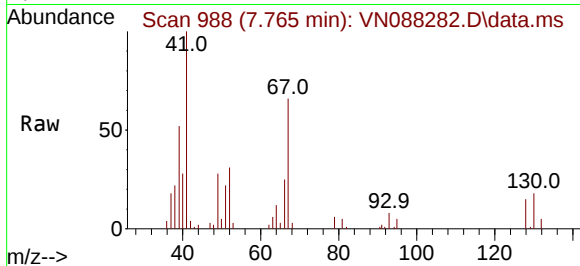


#35
Methacrylonitrile
Concen: 19.557 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 64369

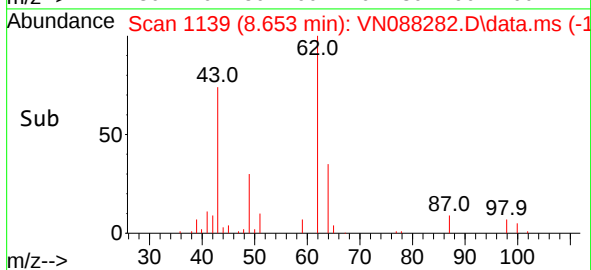
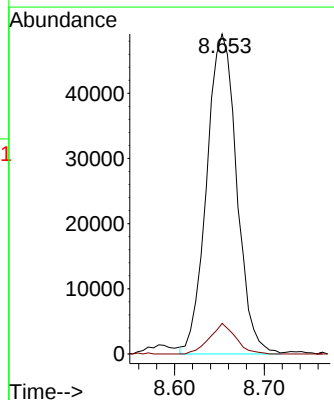
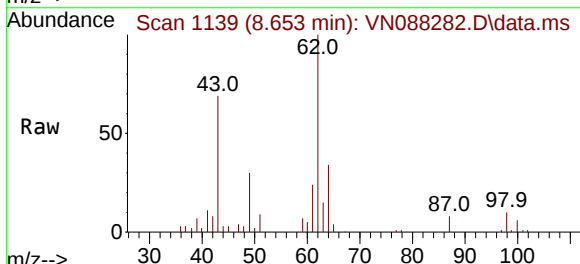
Ion	Ratio	Lower	Upper
41	100		
39	51.6	29.0	87.0
67	65.6	33.3	99.9
52	30.9	13.7	41.1

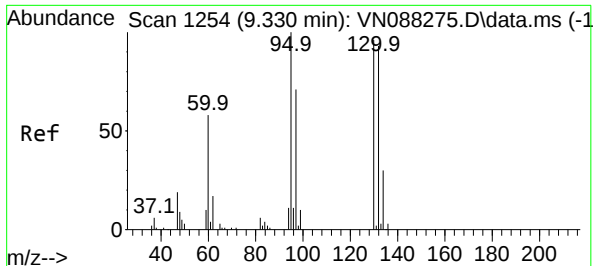


#36
1,2-Dichloroethane
Concen: 20.137 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 62 Resp: 114265

Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.8	10.2





#37

Trichloroethene

Concen: 19.029 ug/l

RT: 9.335 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

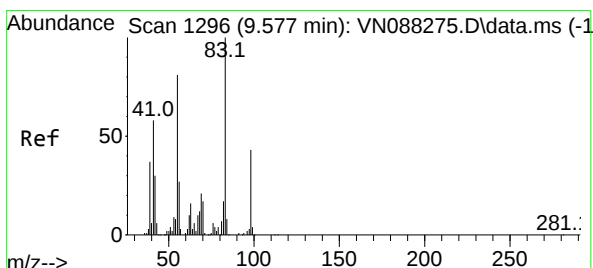
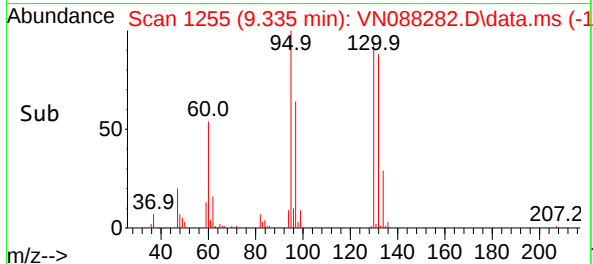
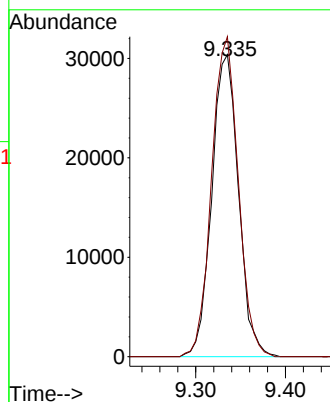
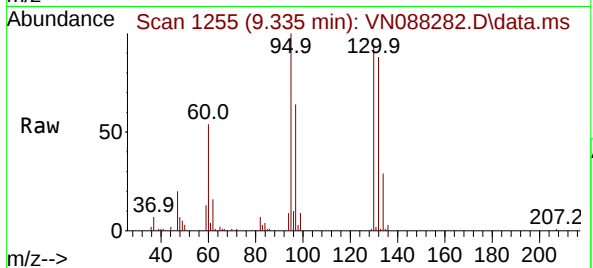
VSTDCCC020

Tgt Ion:130 Resp: 62874

Ion Ratio Lower Upper

130 100

95 106.0 83.7 125.5



#38

Methylcyclohexane

Concen: 15.720 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

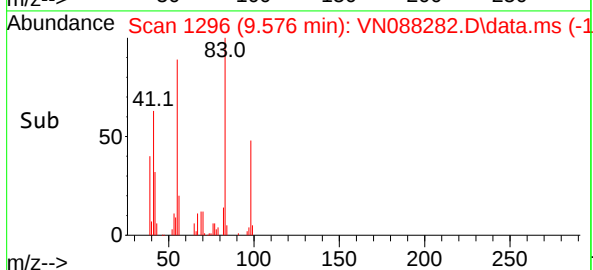
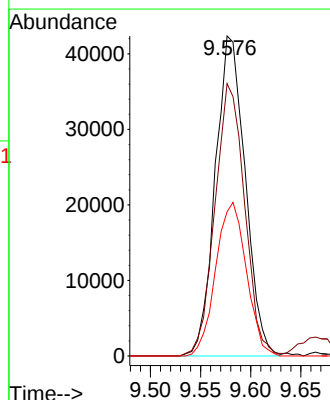
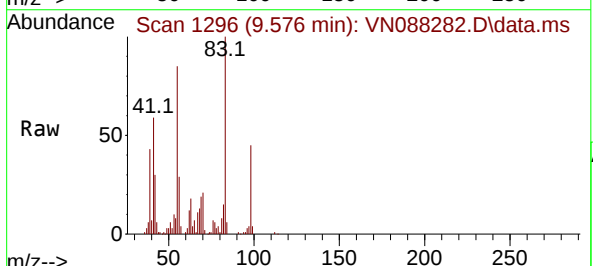
Tgt Ion: 83 Resp: 87911

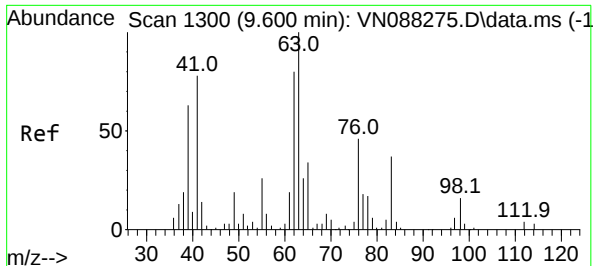
Ion Ratio Lower Upper

83 100

55 84.4 40.8 122.5

98 49.2 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.509 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

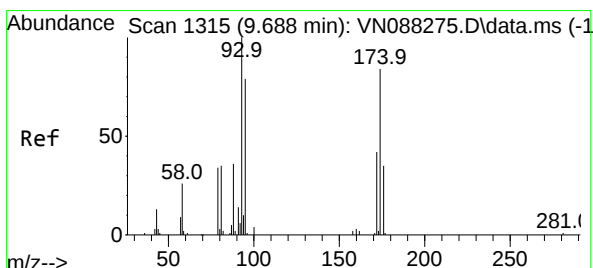
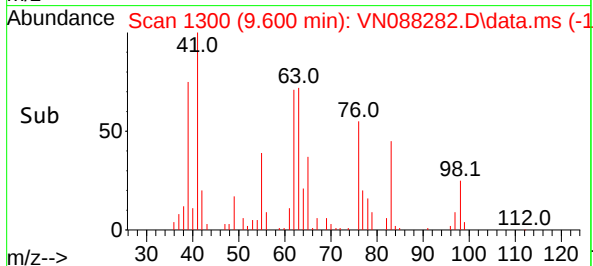
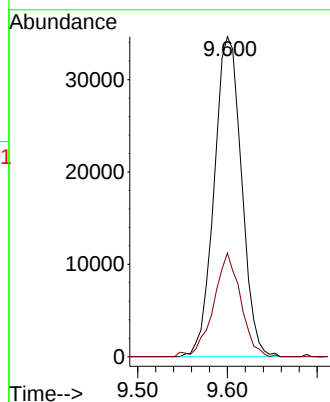
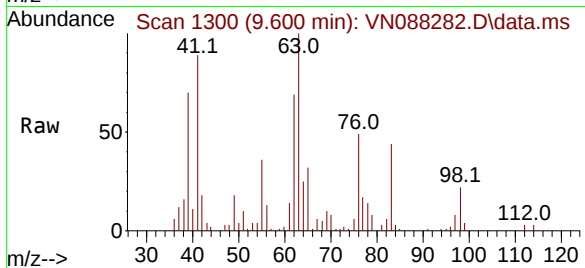
VSTDCCC020

Tgt Ion: 63 Resp: 73389

Ion Ratio Lower Upper

63 100

65 32.4 27.8 41.6



#40

Dibromomethane

Concen: 19.915 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

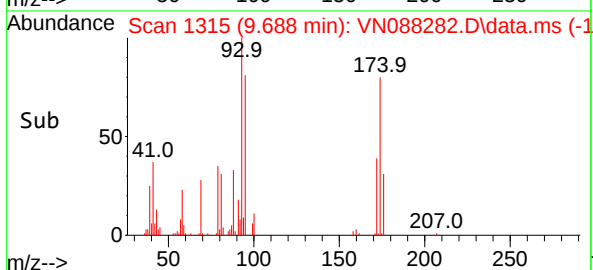
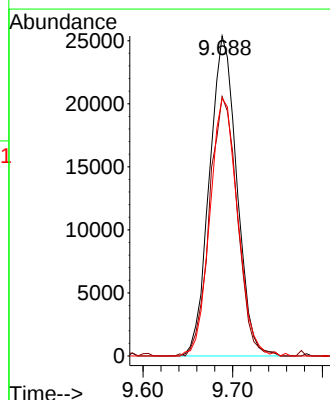
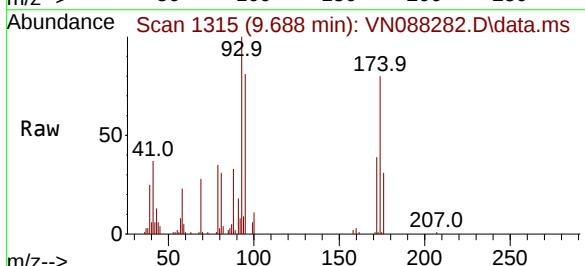
Tgt Ion: 93 Resp: 53825

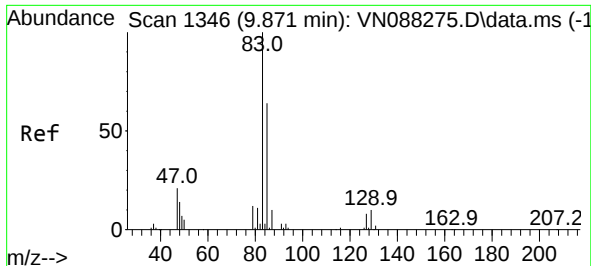
Ion Ratio Lower Upper

93 100

95 81.5 0.0 161.6

174 81.5 0.0 158.2

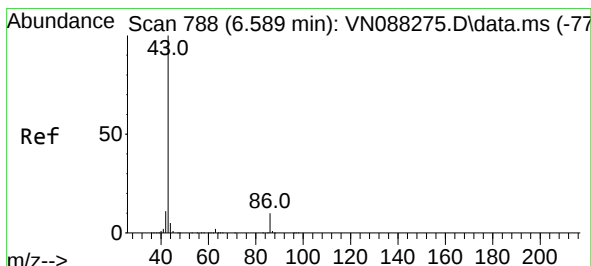
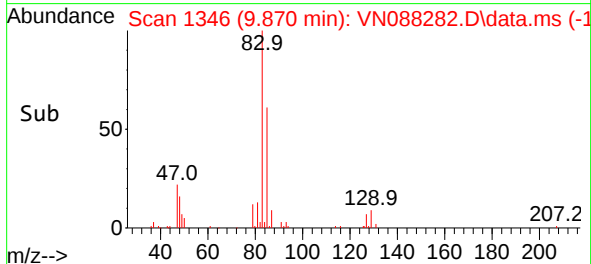
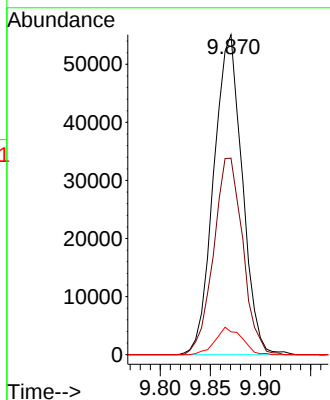
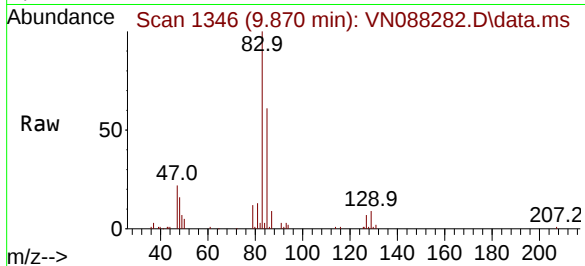




#41
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

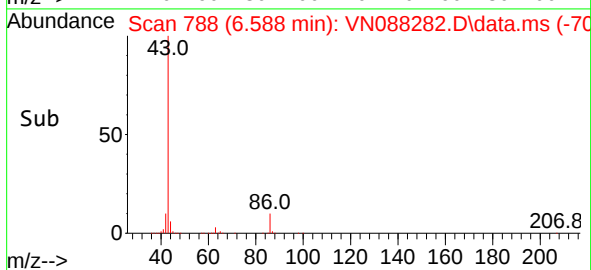
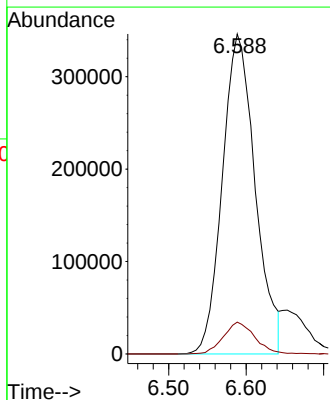
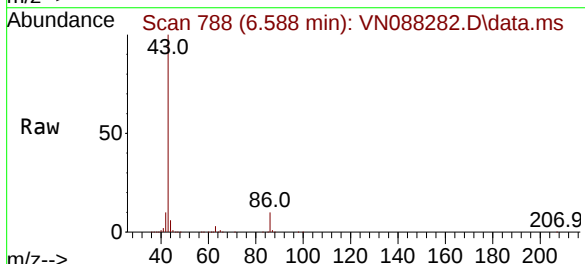
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

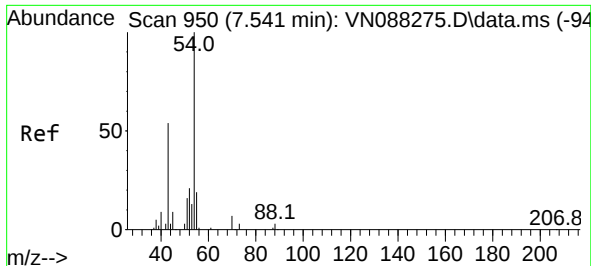
Tgt Ion: 83 Resp: 108899
Ion Ratio Lower Upper
83 100
85 61.4 51.4 77.2
127 7.2 6.4 9.6



#42
Vinyl Acetate
Concen: 97.006 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 43 Resp: 1021613
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.2

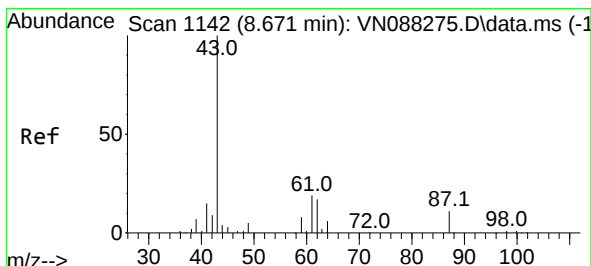
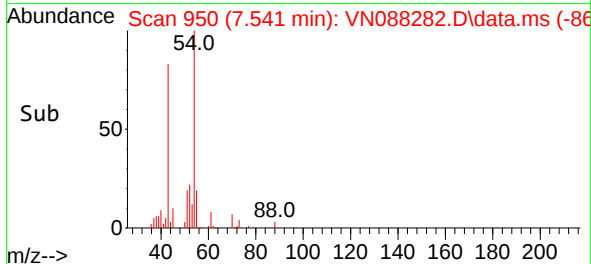
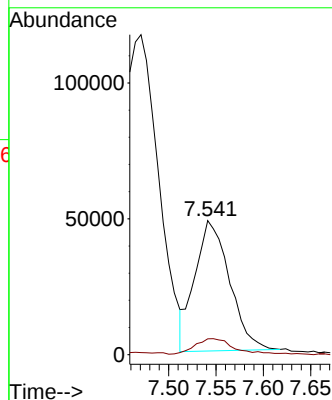
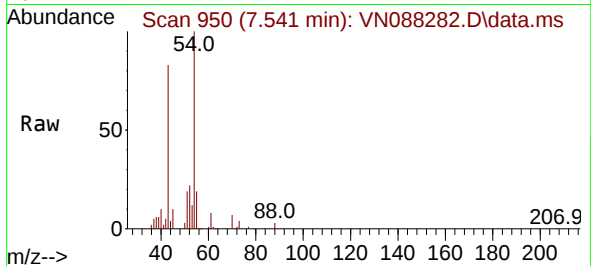




#43
Ethyl Acetate
Concen: 19.280 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

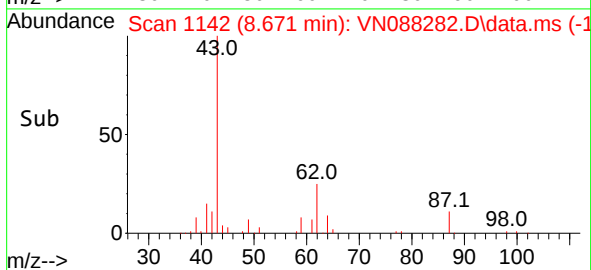
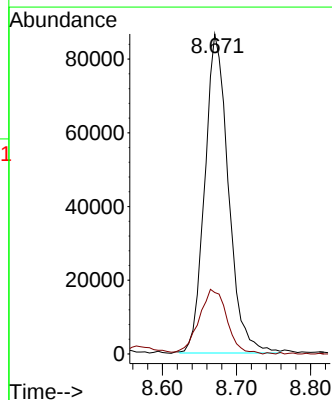
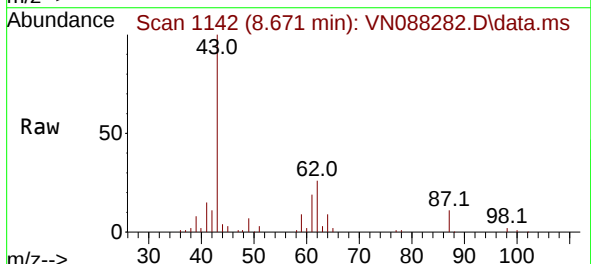
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0020

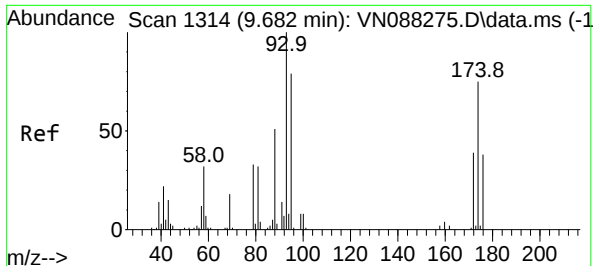
Tgt Ion: 43 Resp: 122405
Ion Ratio Lower Upper
43 100
45 13.0 9.9 14.9



#44
Isopropyl Acetate
Concen: 19.597 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 43 Resp: 191740
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6





#45

1,4-Dioxane

Concen: 378.753 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

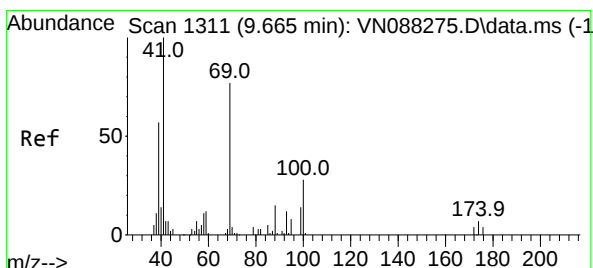
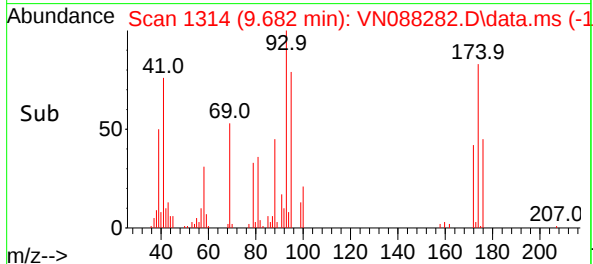
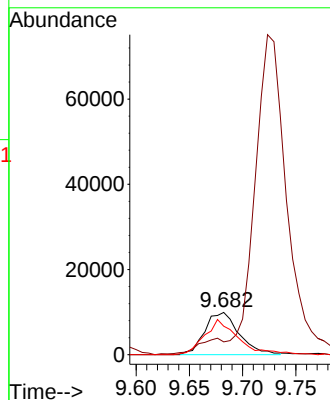
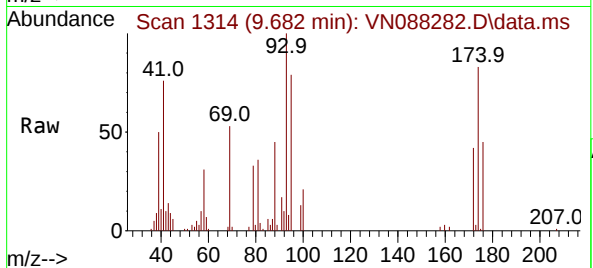
Tgt Ion: 88 Resp: 22316

Ion Ratio Lower Upper

88 100

43 26.7 27.8 41.8#

58 74.0 59.5 89.3



#46

Methyl methacrylate

Concen: 19.571 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

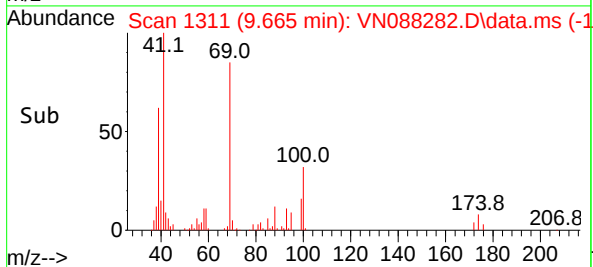
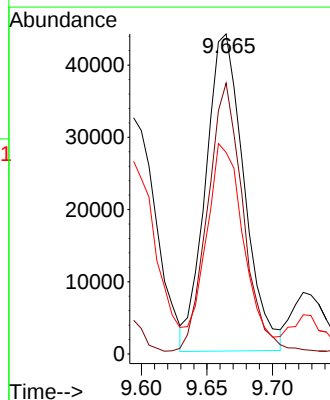
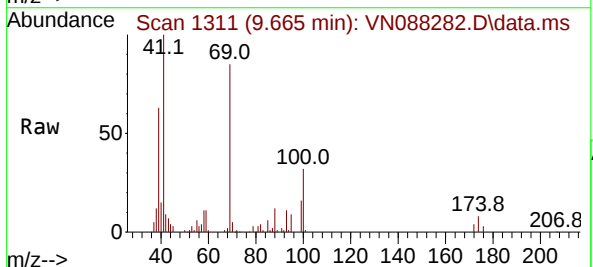
Tgt Ion: 41 Resp: 89606

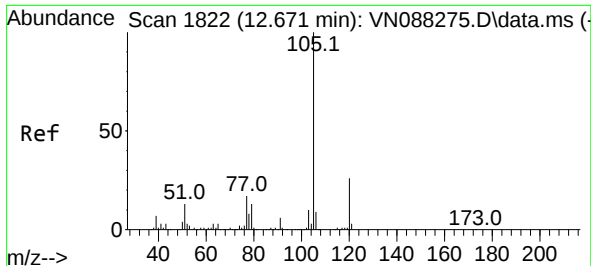
Ion Ratio Lower Upper

41 100

69 89.6 38.5 115.3

39 62.2 29.0 87.1

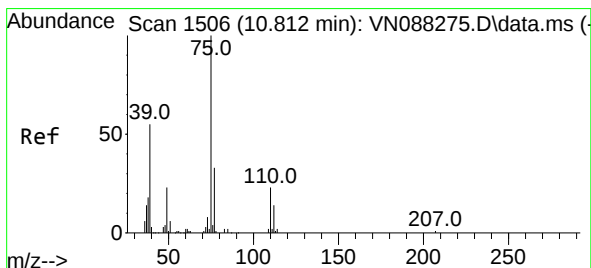
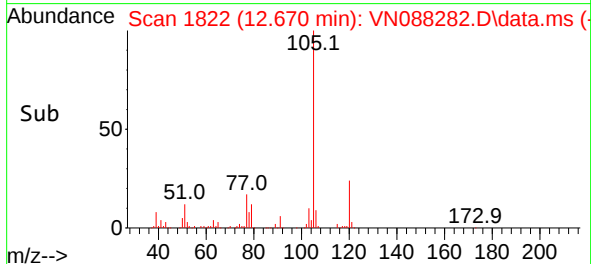
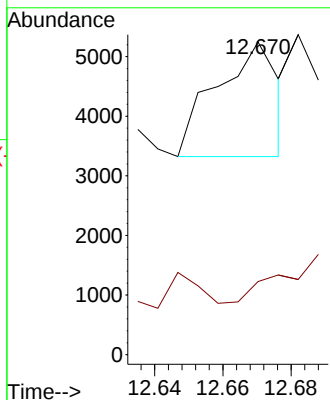
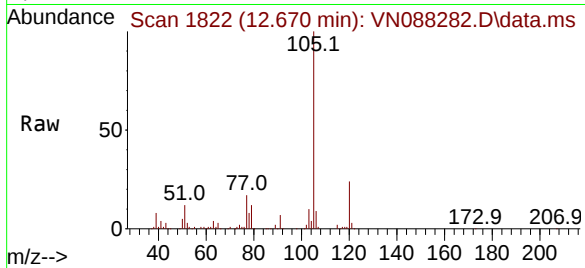




#47
n-amyl acetate
Concen: 0.486 ug/l
RT: 12.670 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

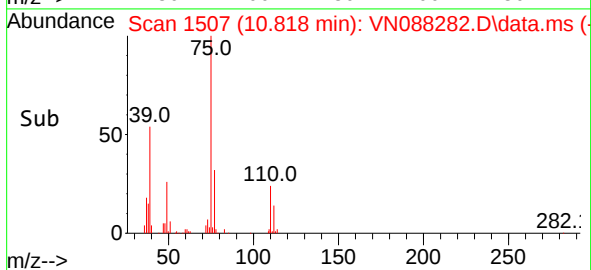
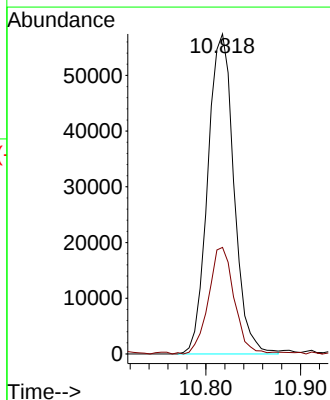
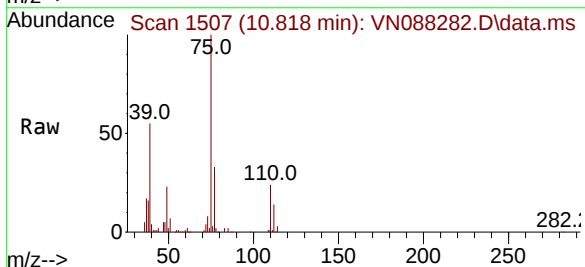
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

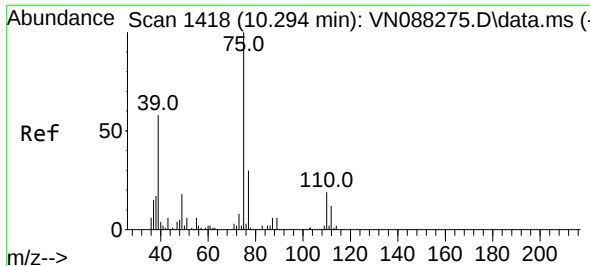
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
55 26.0 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 18.948 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 75 Resp: 110268
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 19.710 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

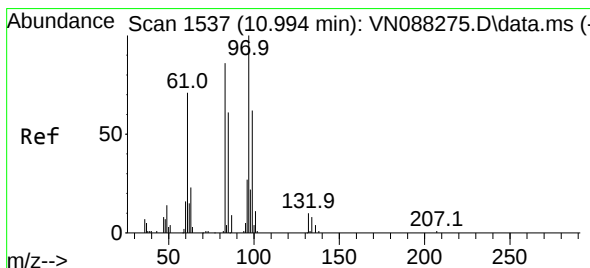
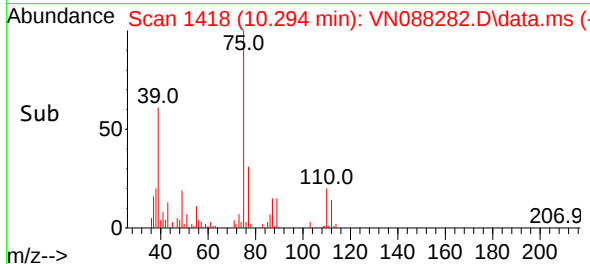
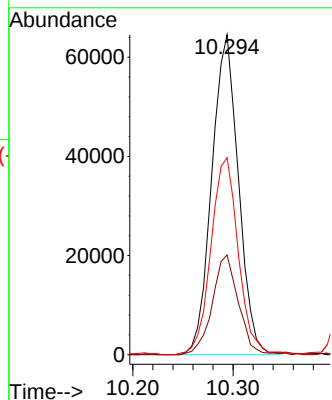
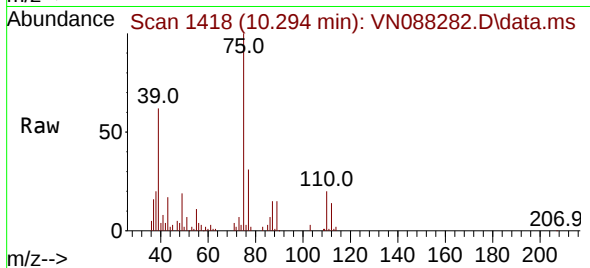
Tgt Ion: 75 Resp: 119341

Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6

39 61.1 46.1 69.1



#50

1,1,2-Trichloroethane

Concen: 19.844 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Tgt Ion: 97 Resp: 66320

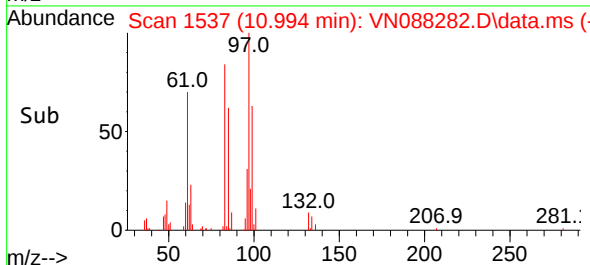
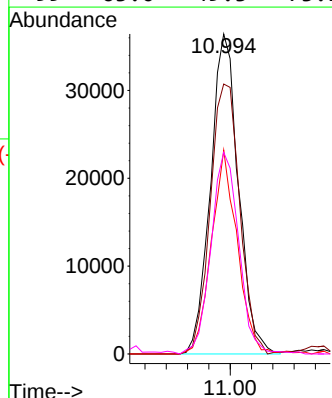
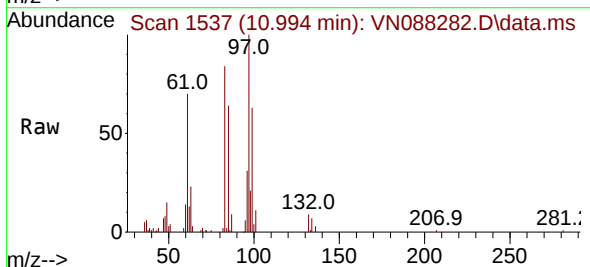
Ion Ratio Lower Upper

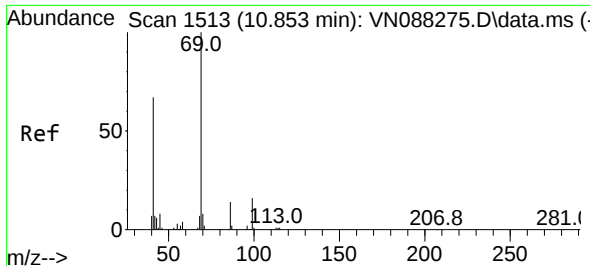
97 100

83 84.3 68.6 102.8

85 63.7 49.0 73.6

99 63.0 49.3 73.9

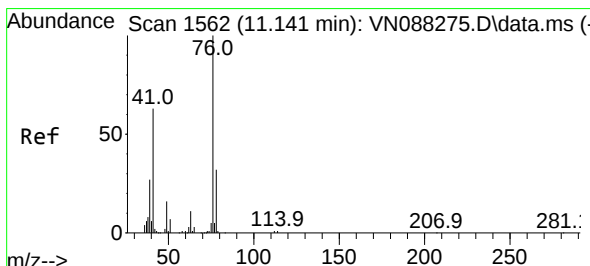
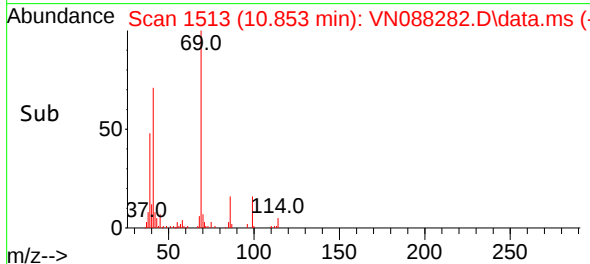
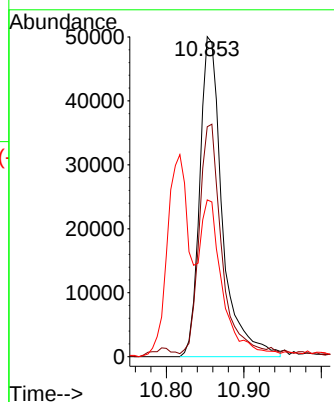
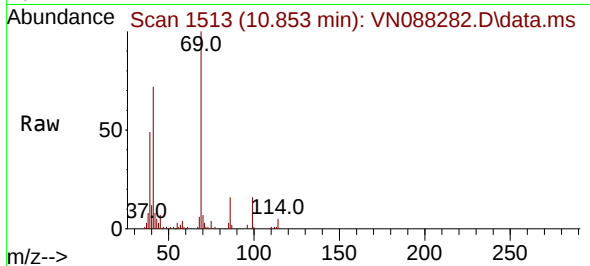




#51
Ethyl methacrylate
Concen: 18.500 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

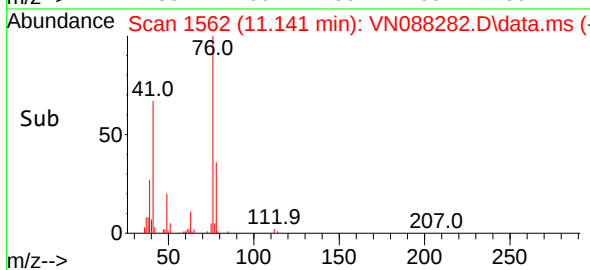
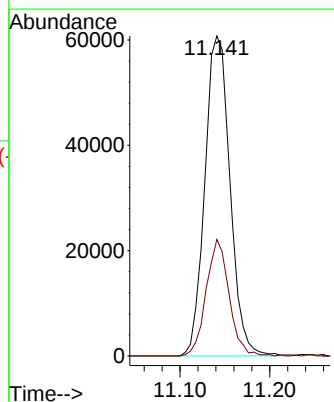
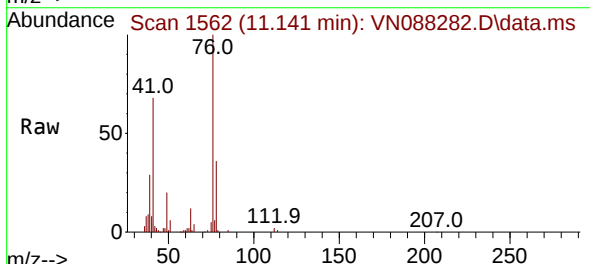
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

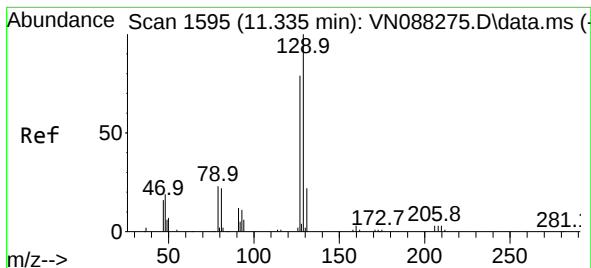
Tgt Ion: 69 Resp: 101720
Ion Ratio Lower Upper
69 100
41 70.9 33.6 100.8
39 48.0 23.4 70.2



#52
1,3-Dichloropropane
Concen: 19.456 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 76 Resp: 118417
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.2

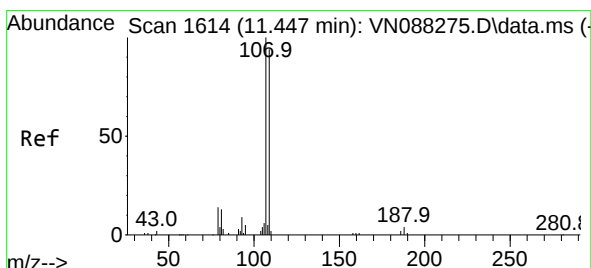
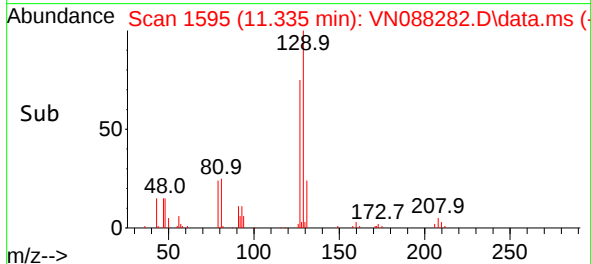
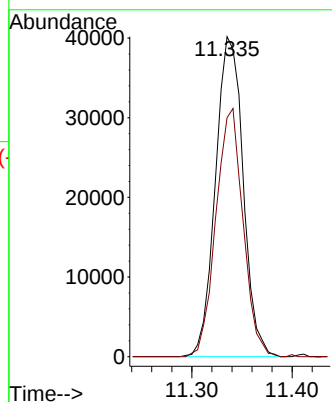
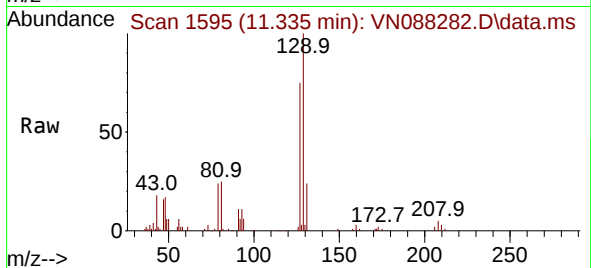




#53
Dibromochloromethane
Concen: 20.002 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

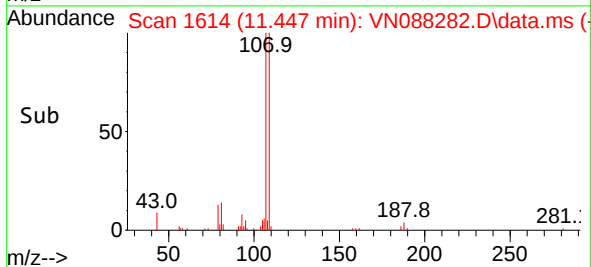
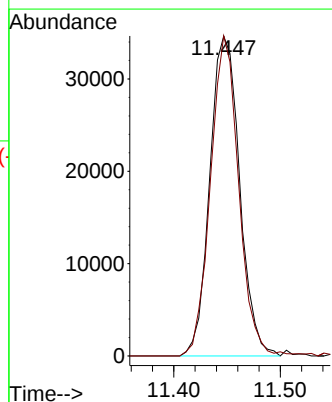
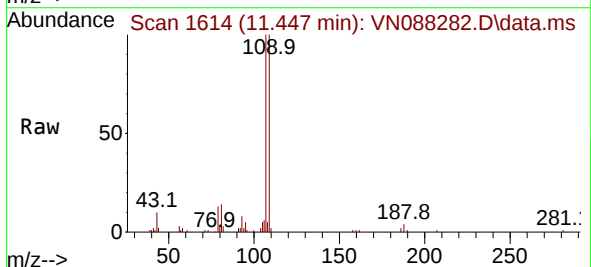
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

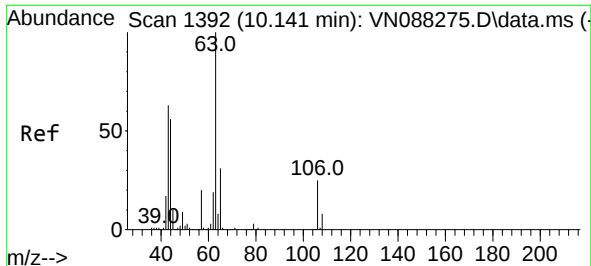
Tgt Ion:129 Resp: 76785
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6



#54
1,2-Dibromoethane
Concen: 19.395 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:107 Resp: 67347
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0

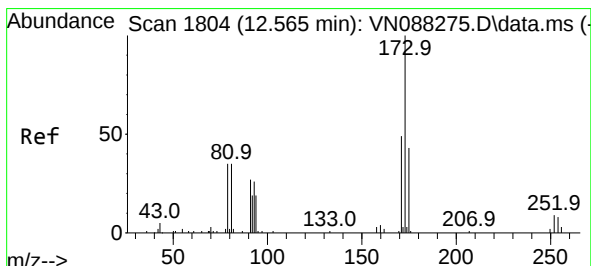
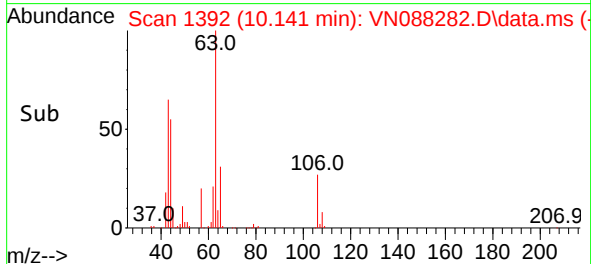
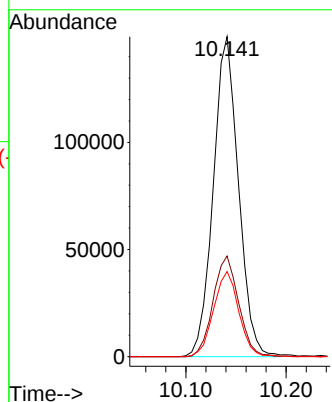
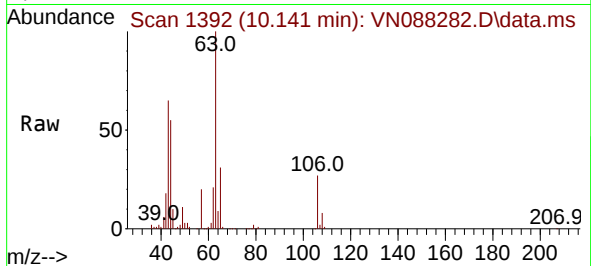




#55
2-Chloroethyl vinyl ether
Concen: 82.226 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

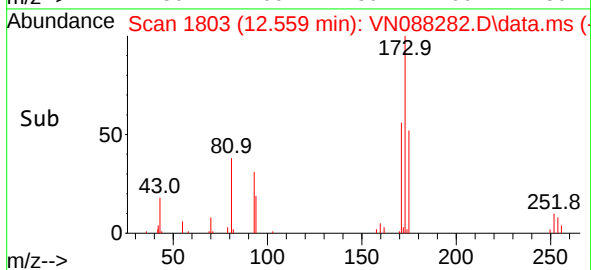
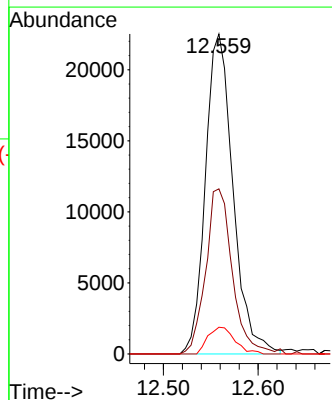
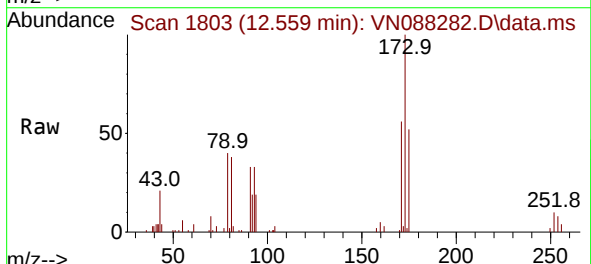
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

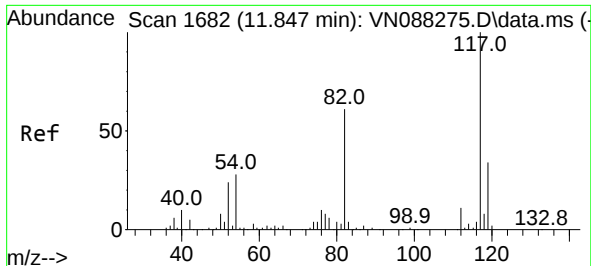
Tgt Ion: 63 Resp: 260441
Ion Ratio Lower Upper
63 100
65 31.8 24.9 37.3
106 26.5 20.3 30.5



#56
Bromoform
Concen: 18.737 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:173 Resp: 45527
Ion Ratio Lower Upper
173 100
175 49.6 37.7 56.5
254 7.8 5.9 8.9

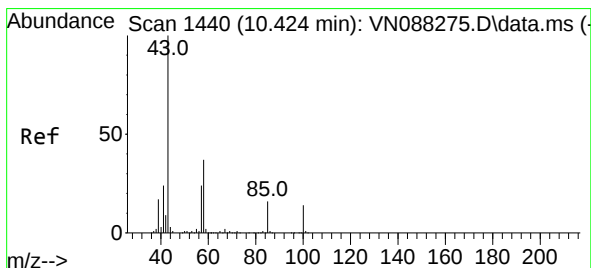
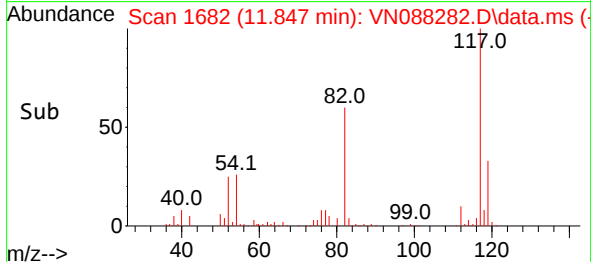
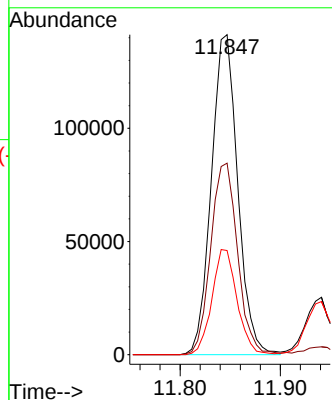
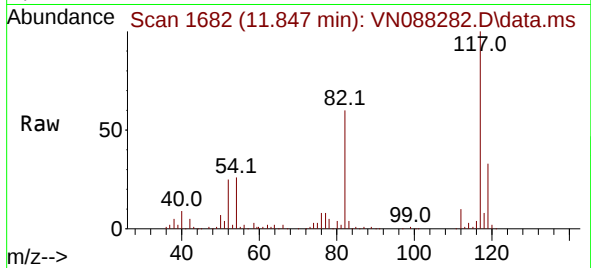




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

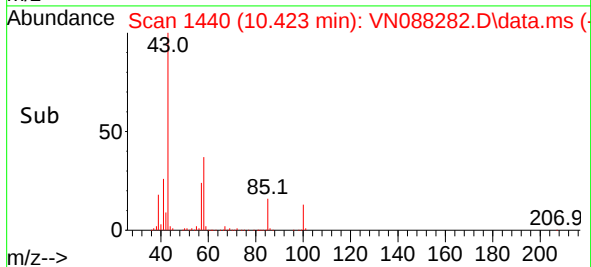
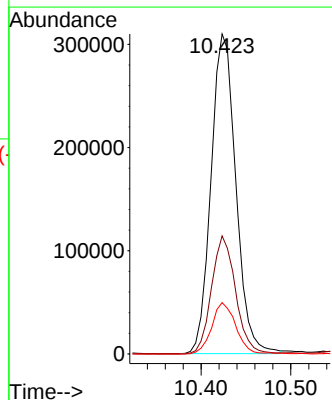
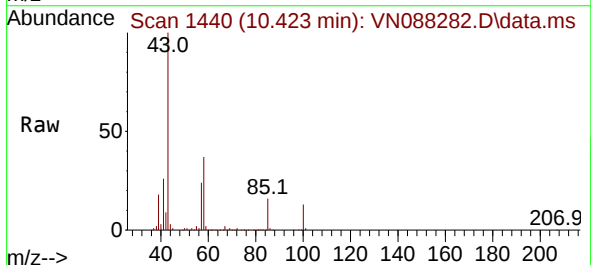
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

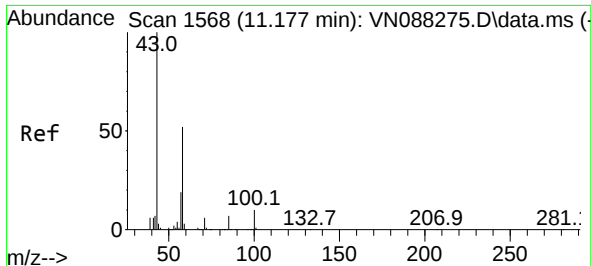
Tgt Ion:117 Resp: 258679
Ion Ratio Lower Upper
117 100
82 61.0 49.3 73.9
119 31.4 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 101.638 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 43 Resp: 594651
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8
85 15.5 12.6 19.0

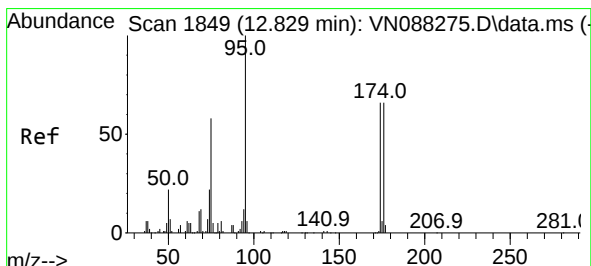
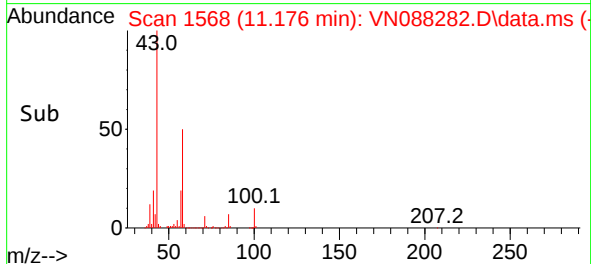
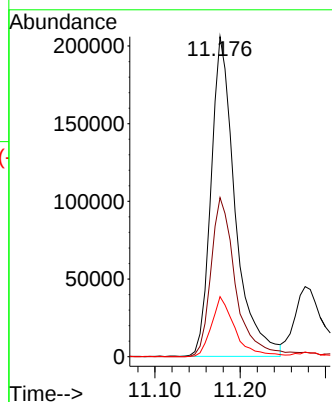
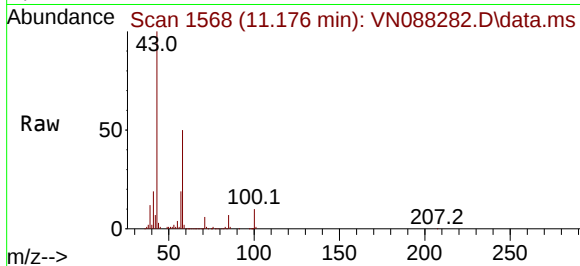




#59
2-Hexanone
Concen: 104.129 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

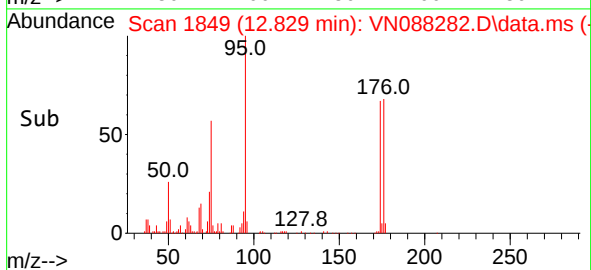
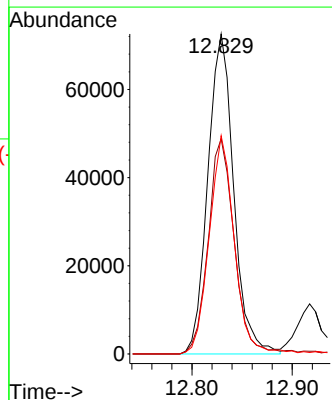
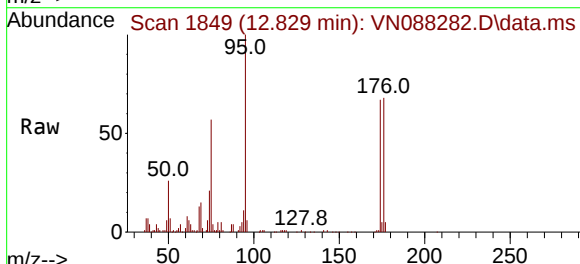
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

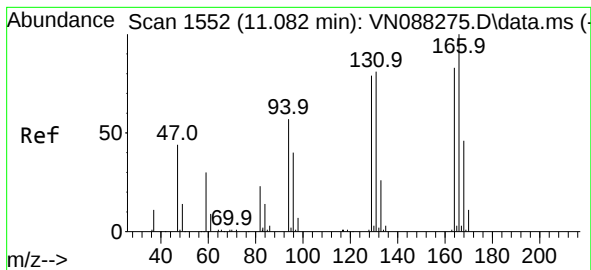
Tgt Ion: 43 Resp: 404541
Ion Ratio Lower Upper
43 100
58 50.7 41.0 61.4
57 18.3 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.790 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 95 Resp: 130266
Ion Ratio Lower Upper
95 100
174 67.3 54.5 81.7
176 65.4 53.8 80.6





#61

Tetrachloroethene

Concen: 19.094 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 50923

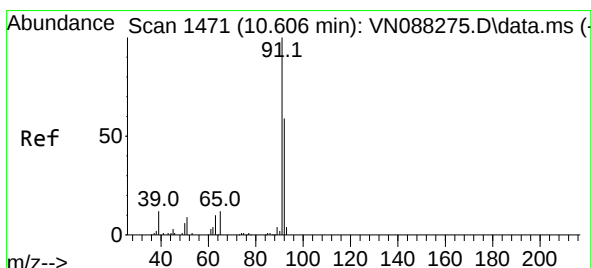
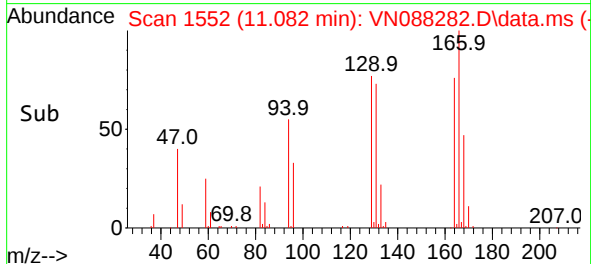
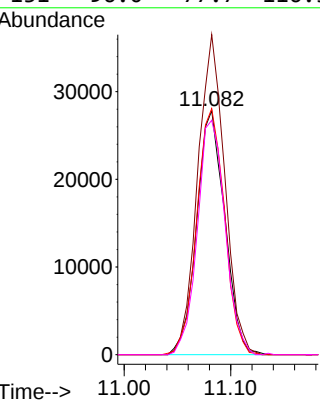
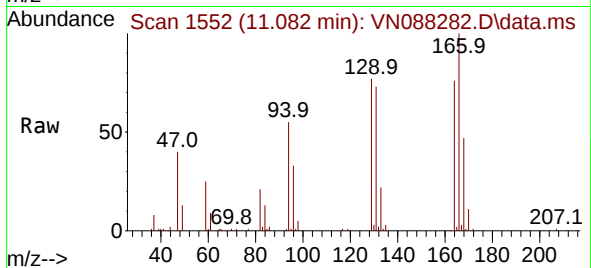
Ion Ratio Lower Upper

164 100

166 131.1 96.3 144.5

129 100.8 76.2 114.2

131 96.0 77.7 116.5



#62

Toluene

Concen: 19.486 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN088282.D

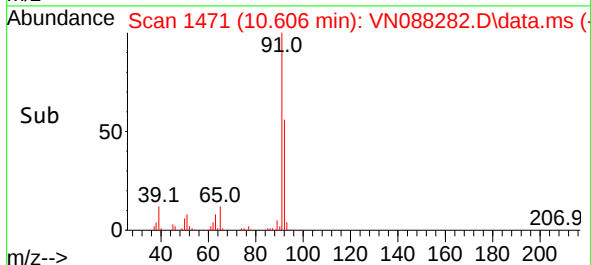
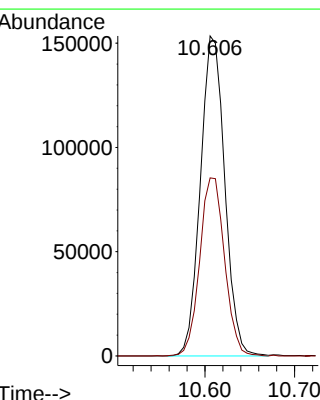
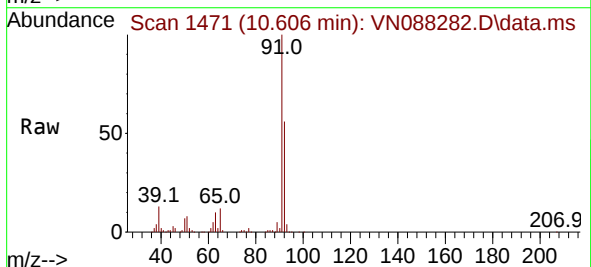
Acq: 14 Nov 2025 09:07

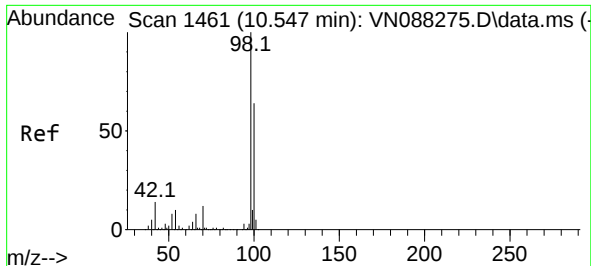
Tgt Ion: 91 Resp: 289263

Ion Ratio Lower Upper

91 100

92 56.8 46.7 70.1

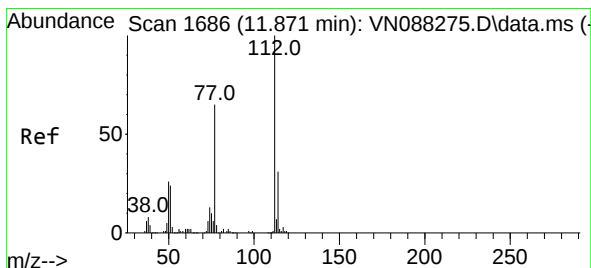
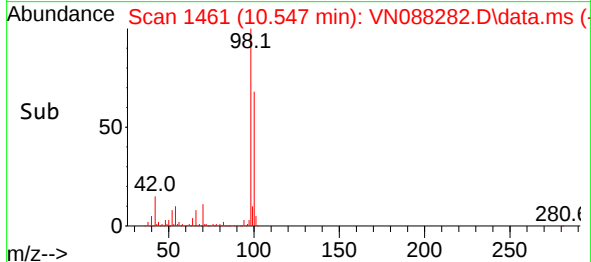
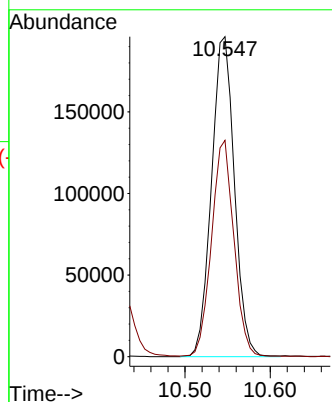
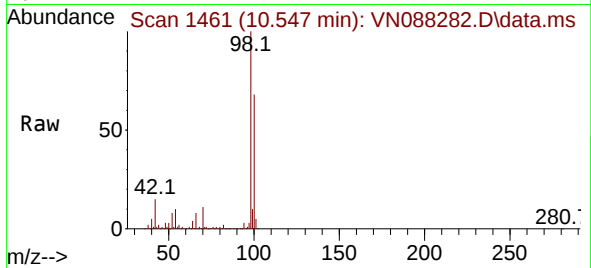




#63
Toluene-d8
Concen: 29.885 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

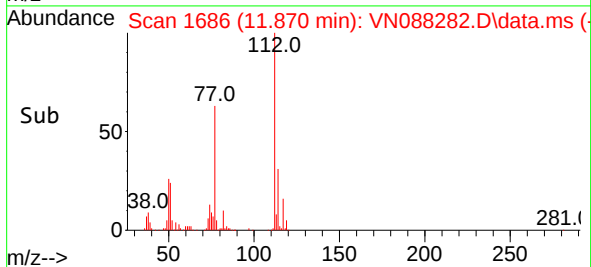
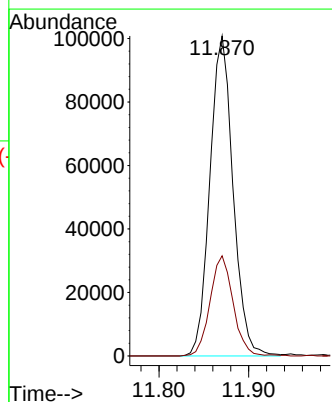
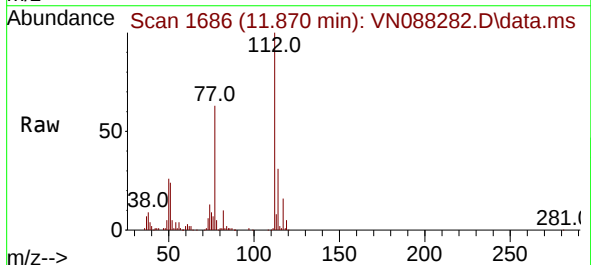
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

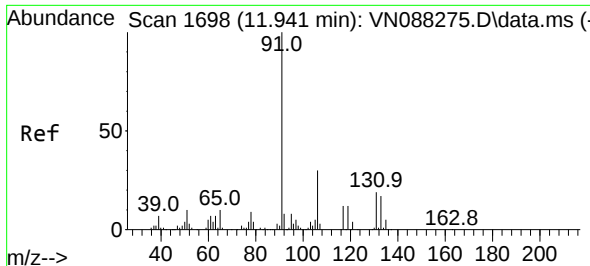
Tgt Ion: 98 Resp: 365993
Ion Ratio Lower Upper
98 100
100 66.2 51.6 77.4



#64
Chlorobenzene
Concen: 19.688 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 112 Resp: 181009
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

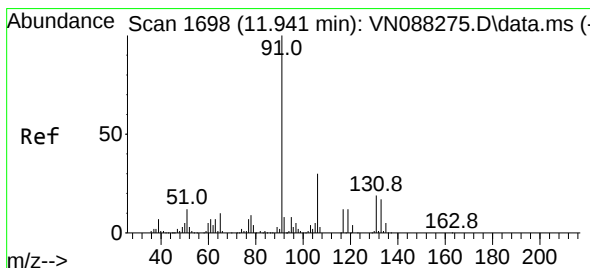
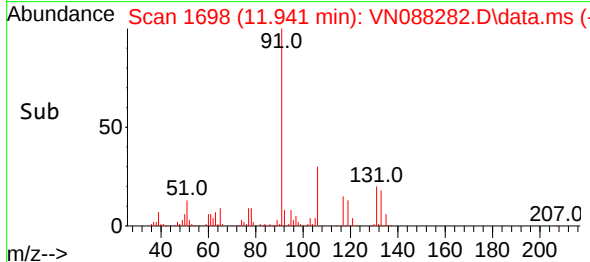
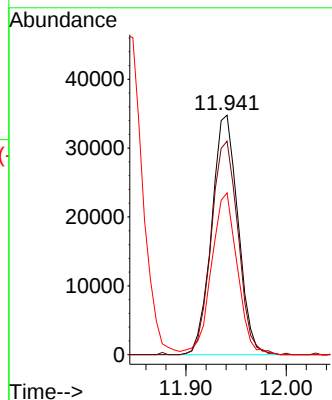
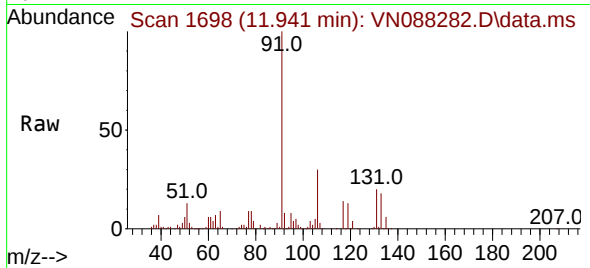




#65
1,1,1,2-Tetrachloroethane
Concen: 20.242 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

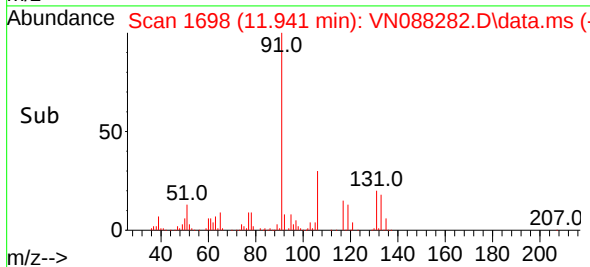
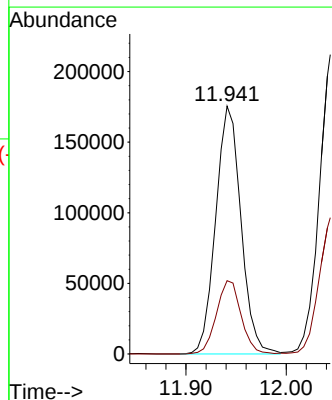
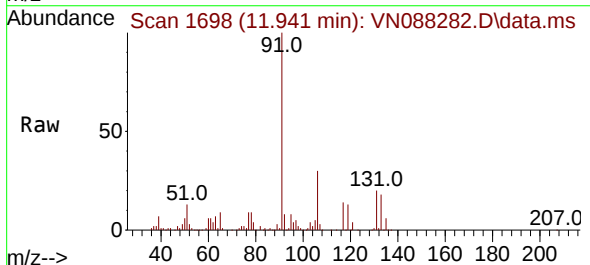
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

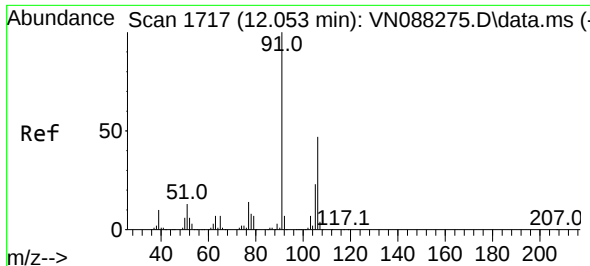
Tgt Ion:131 Resp: 63696
Ion Ratio Lower Upper
131 100
133 90.5 0.0 181.4
119 66.1 0.0 135.0



#66
Ethyl Benzene
Concen: 18.793 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 91 Resp: 307462
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6

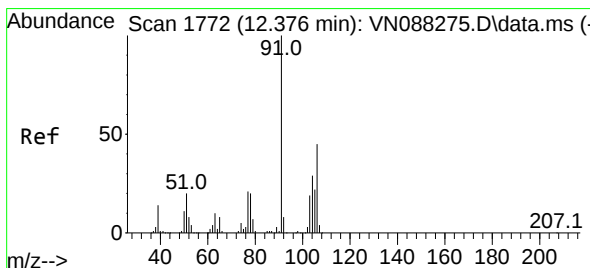
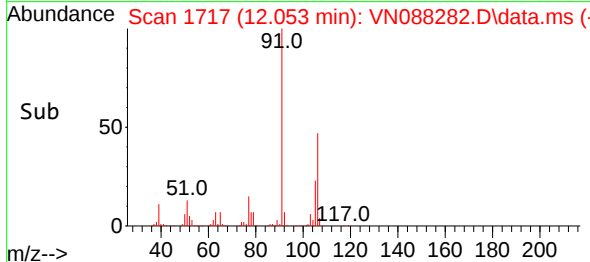
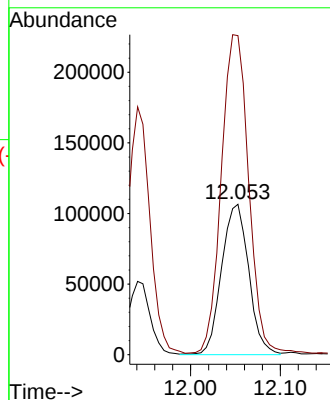
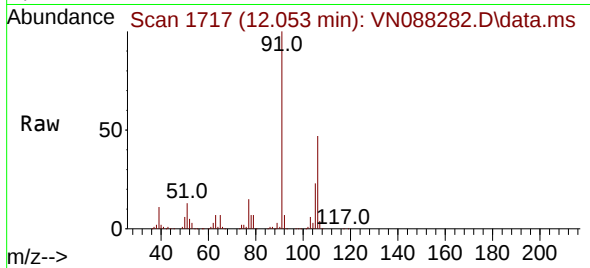




#67
m/p-Xylenes
Concen: 36.590 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

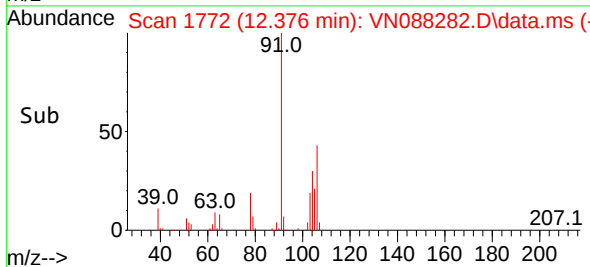
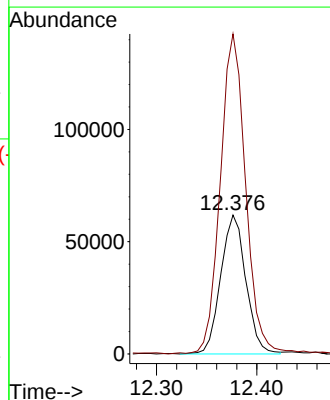
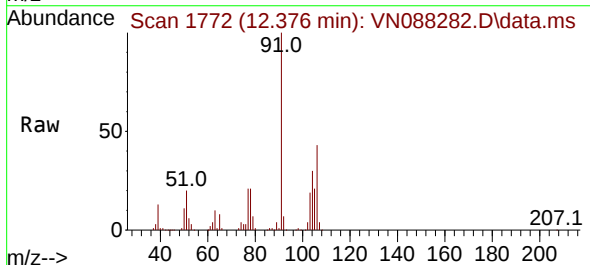
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

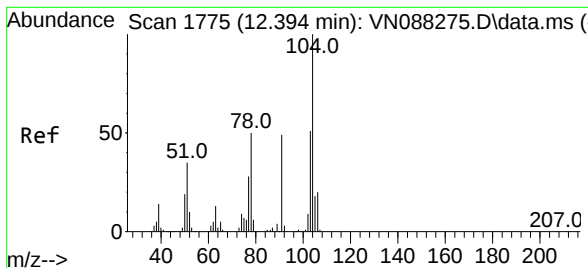
Tgt Ion:106 Resp: 223869
Ion Ratio Lower Upper
106 100
91 215.8 168.3 252.5



#68
o-Xylene
Concen: 18.675 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:106 Resp: 107785
Ion Ratio Lower Upper
106 100
91 232.9 114.0 342.0





#69

Styrene

Concen: 18.497 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

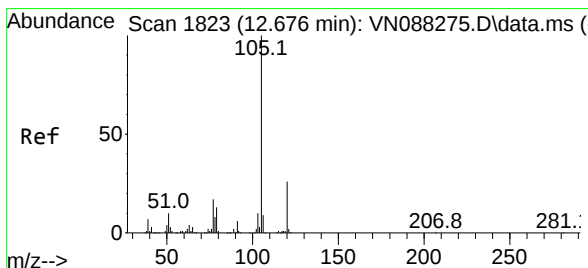
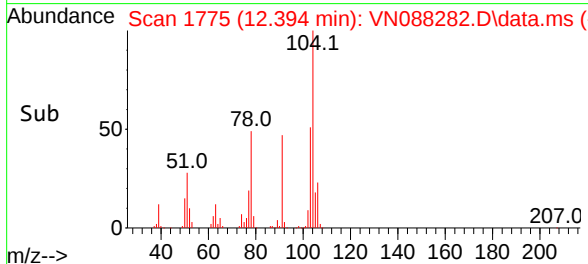
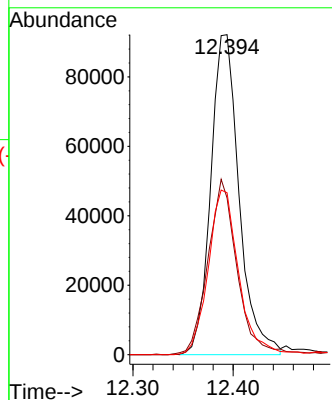
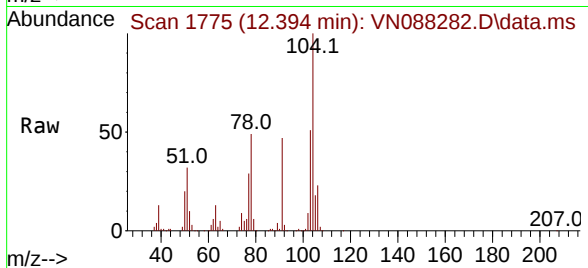
Tgt Ion:104 Resp: 181322

Ion Ratio Lower Upper

104 100

78 56.5 43.8 65.8

103 54.9 44.8 67.2



#70

Isopropylbenzene

Concen: 18.043 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088282.D

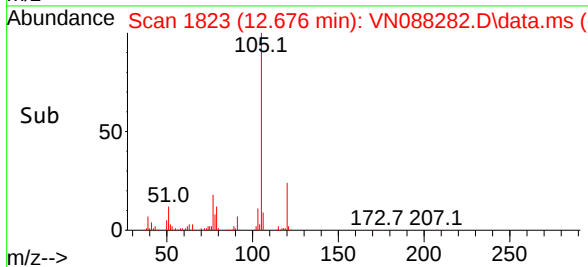
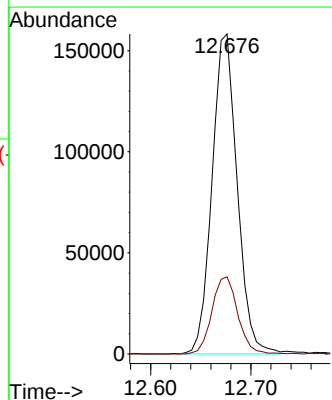
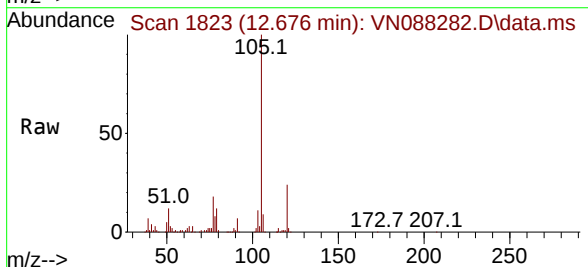
Acq: 14 Nov 2025 09:07

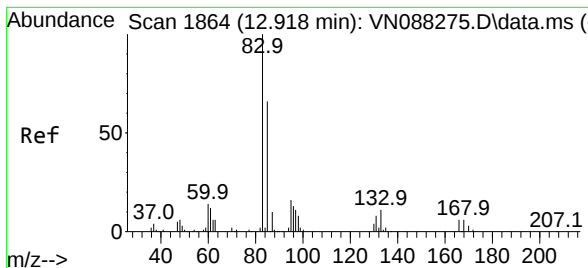
Tgt Ion:105 Resp: 275978

Ion Ratio Lower Upper

105 100

120 24.5 18.2 33.8

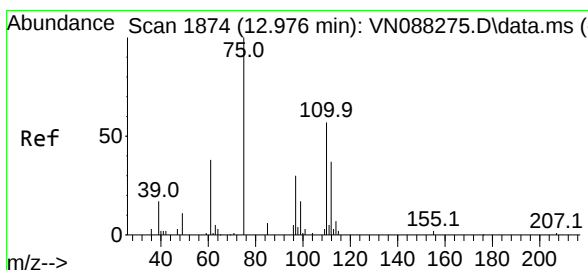
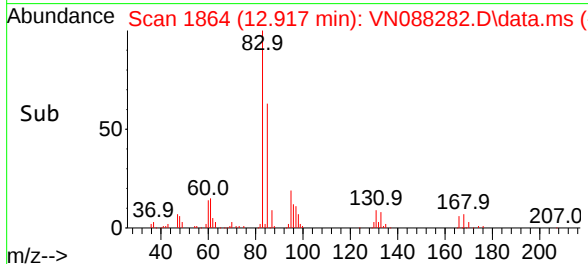
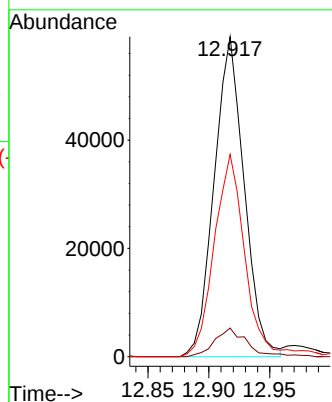
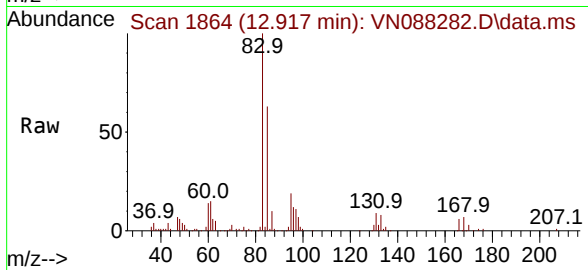




#71
1,1,2-Tetrachloroethane
Concen: 20.434 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

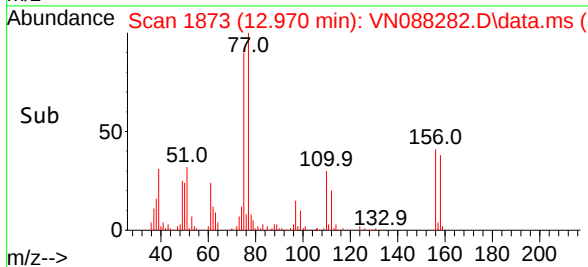
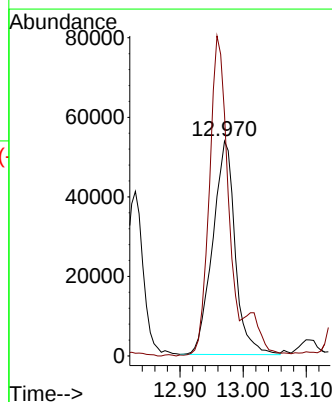
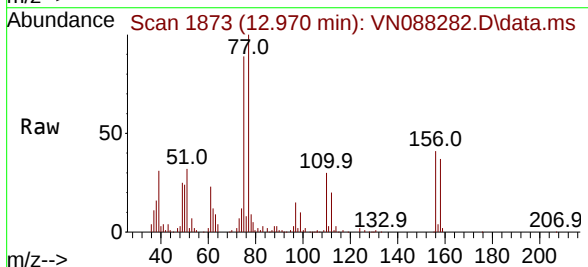
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

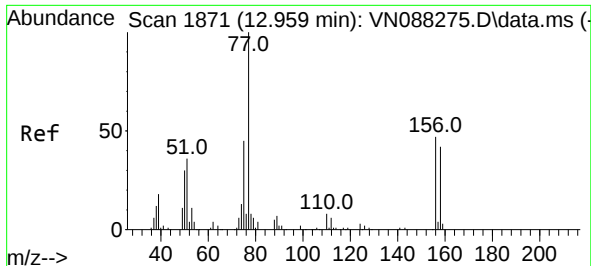
Tgt Ion: 83 Resp: 101244
Ion Ratio Lower Upper
83 100
131 9.7 4.3 12.9
85 63.4 32.4 97.2



#72
1,2,3-Trichloropropane
Concen: 27.671 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 75 Resp: 132821
Ion Ratio Lower Upper
75 100
77 121.5 0.0 386.6

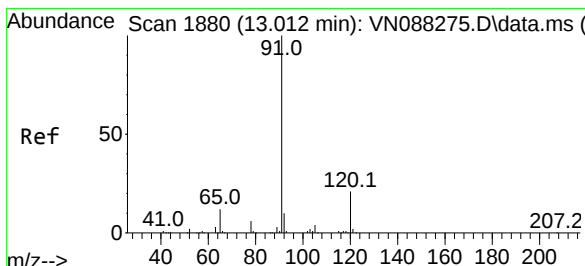
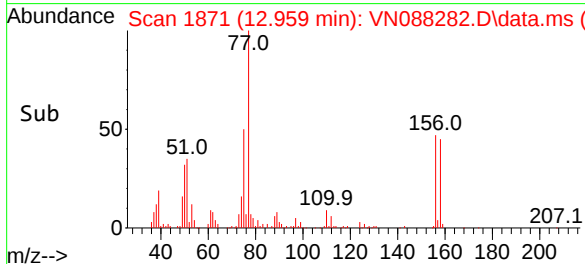
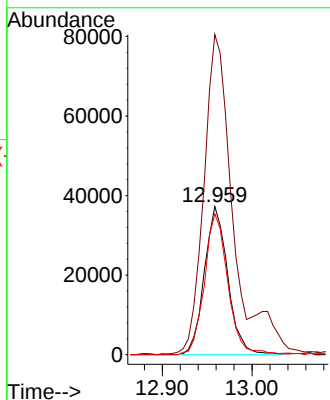
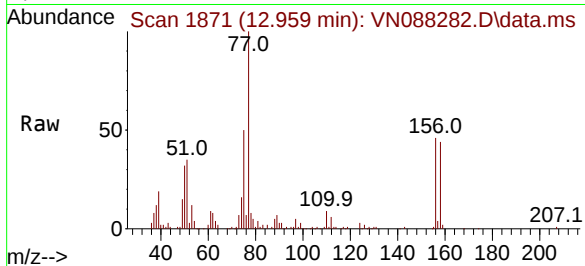




#73
Bromobenzene
Concen: 19.621 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

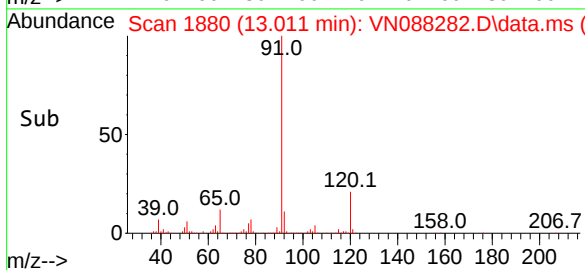
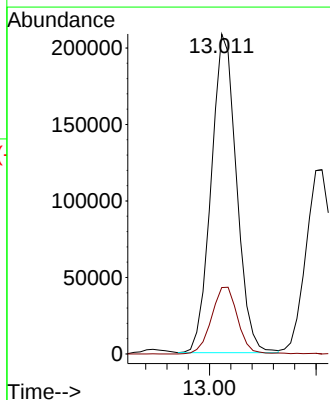
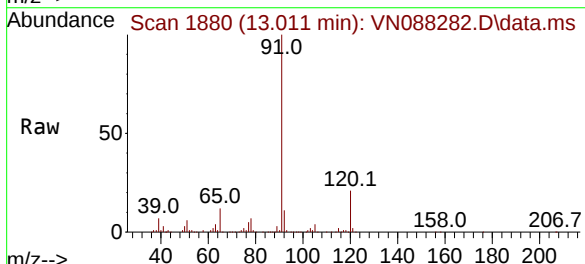
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

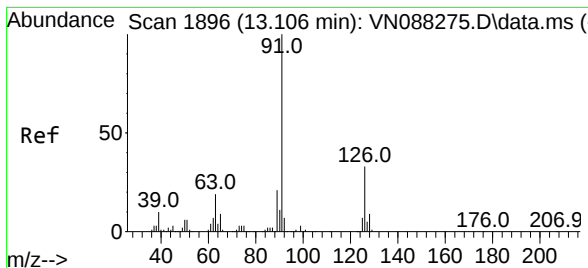
Tgt Ion:156 Resp: 67754
Ion Ratio Lower Upper
156 100
77 238.1 0.0 493.4
158 93.2 0.0 193.4



#74
n-propylbenzene
Concen: 18.136 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 91 Resp: 343303
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2





#75

2-Chlorotoluene

Concen: 18.672 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

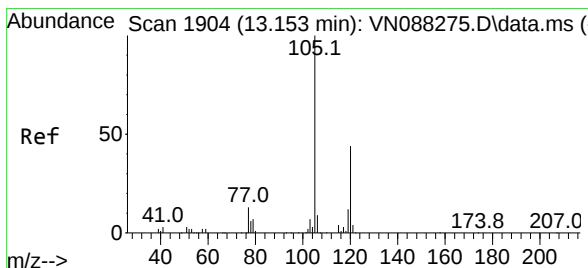
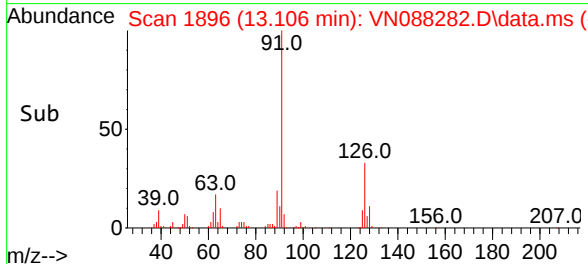
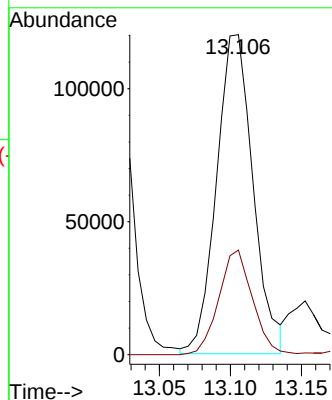
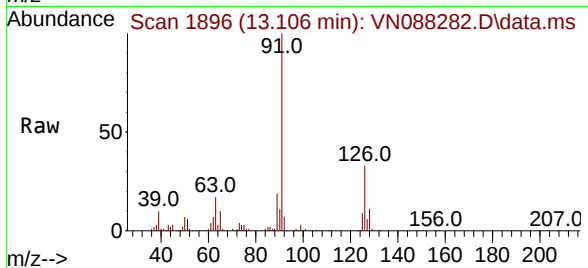
VSTDCCC020

Tgt Ion: 91 Resp: 214918

Ion Ratio Lower Upper

91 100

126 30.2 0.0 62.0



#76

1,3,5-Trimethylbenzene

Concen: 18.733 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088282.D

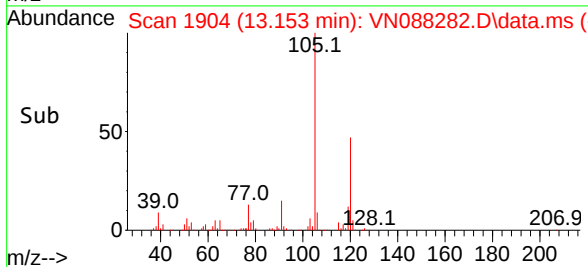
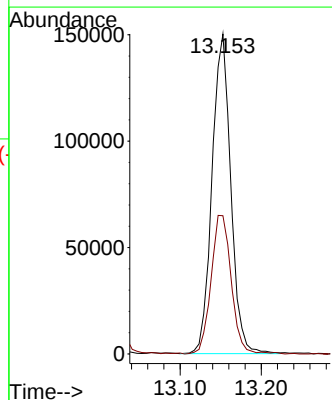
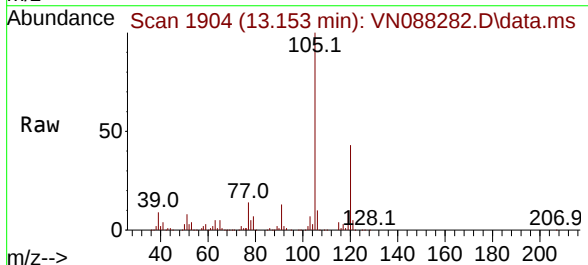
Acq: 14 Nov 2025 09:07

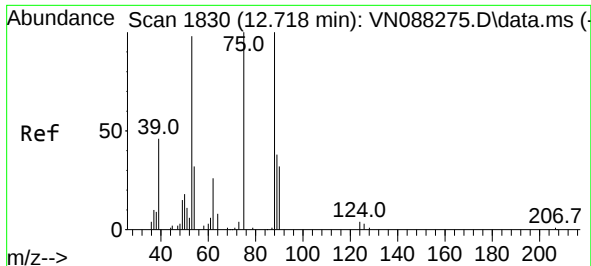
Tgt Ion: 105 Resp: 240526

Ion Ratio Lower Upper

105 100

120 46.3 0.0 94.6

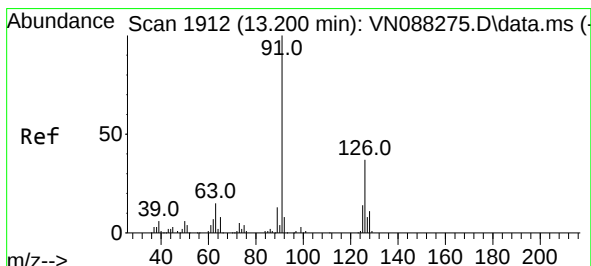
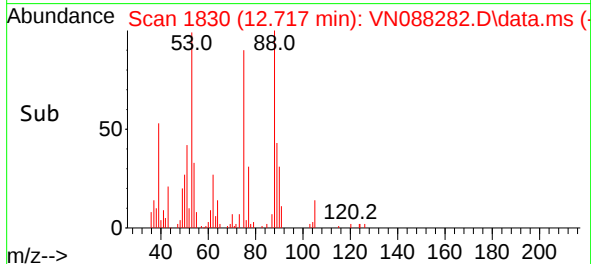
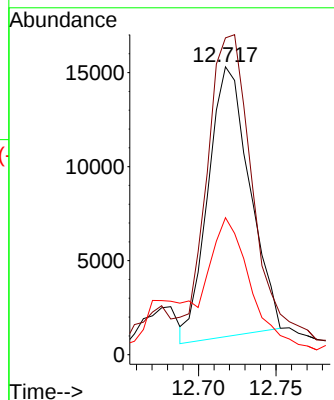
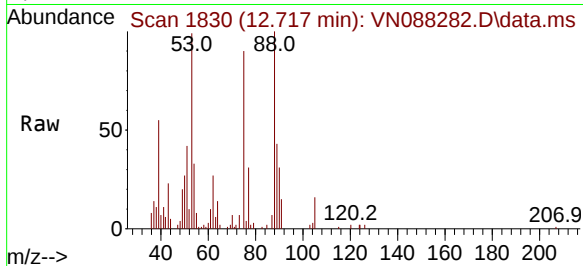




#77
t-1,4-Dichloro-2-butene
Concen: 16.221 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

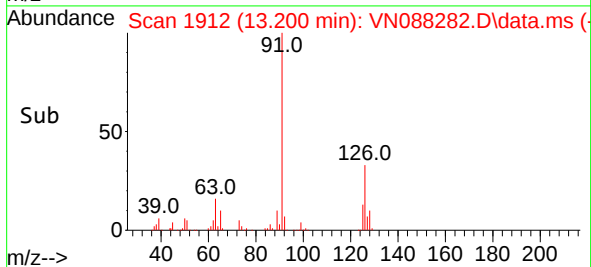
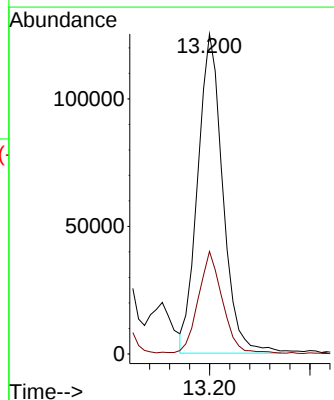
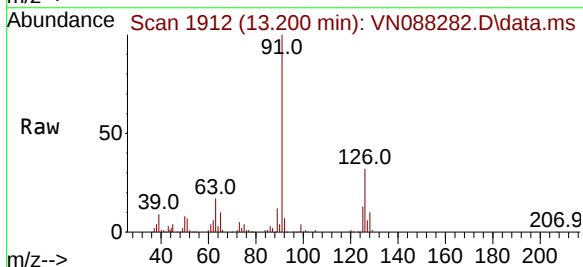
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

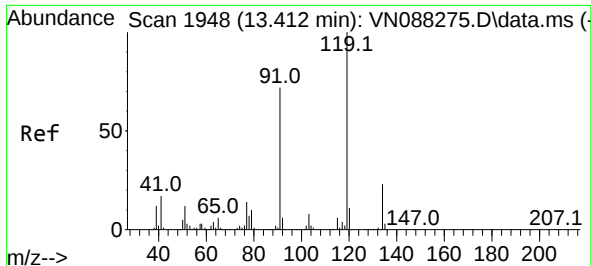
Tgt Ion: 75 Resp: 26738
Ion Ratio Lower Upper
75 100
53 106.9 50.0 150.0
89 45.1 22.3 66.9



#78
4-Chlorotoluene
Concen: 18.683 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 91 Resp: 217919
Ion Ratio Lower Upper
91 100
126 29.7 0.0 60.8

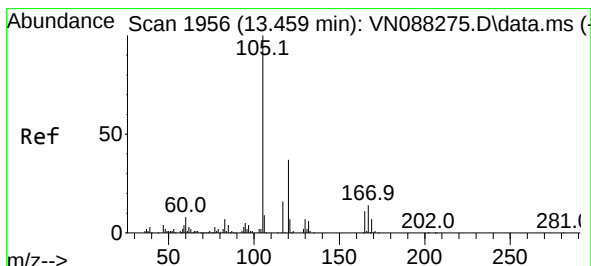
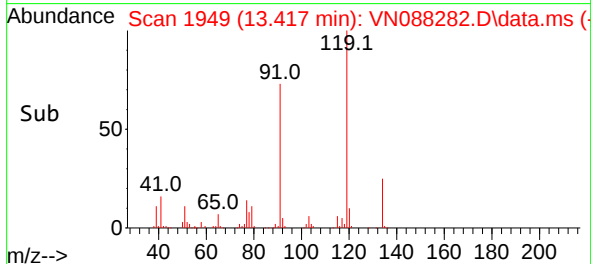
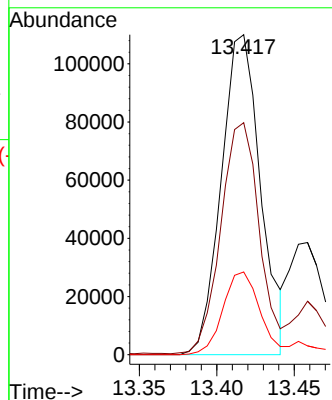
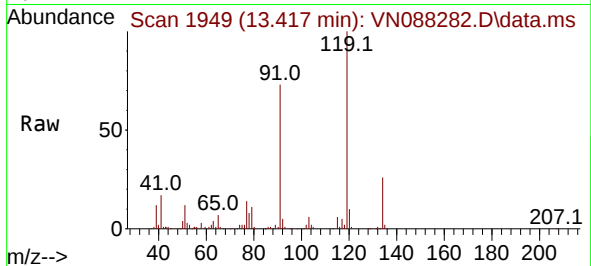




#79
tert-butylbenzene
Concen: 17.678 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

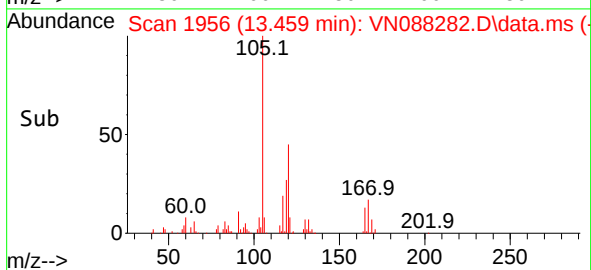
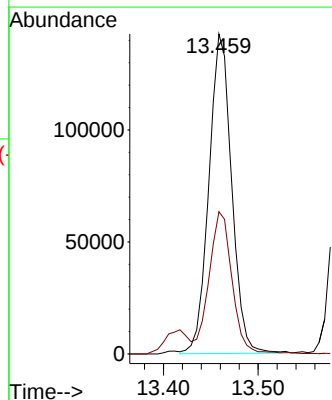
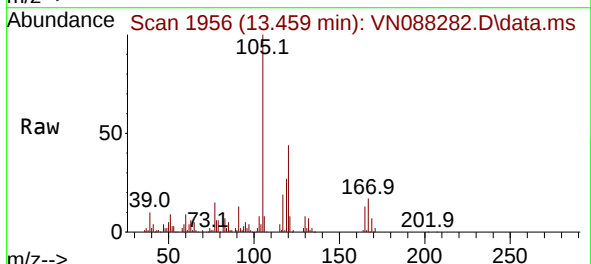
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

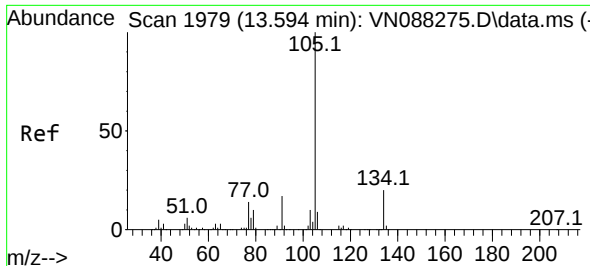
Tgt Ion:119 Resp: 194329
Ion Ratio Lower Upper
119 100
91 70.8 0.0 140.8
134 23.9 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 18.660 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:105 Resp: 238237
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.2

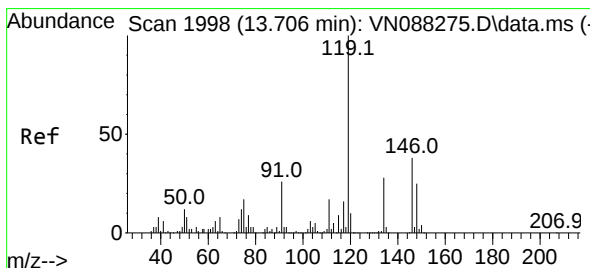
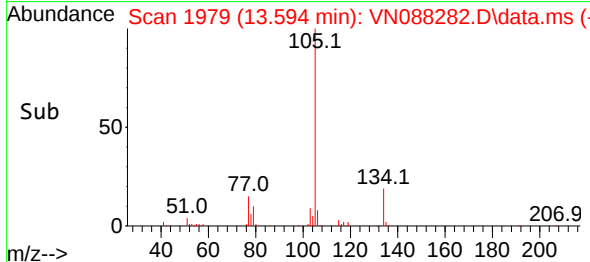
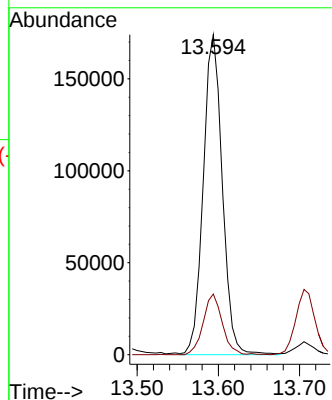
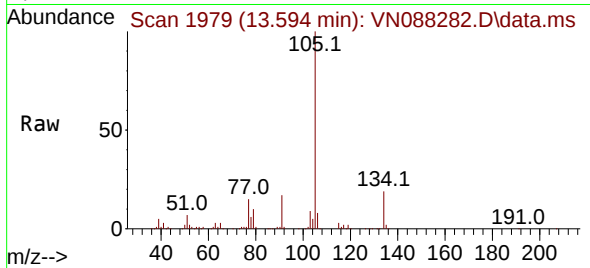




#81
 sec-Butylbenzene
 Concen: 17.700 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088282.D
 Acq: 14 Nov 2025 09:07

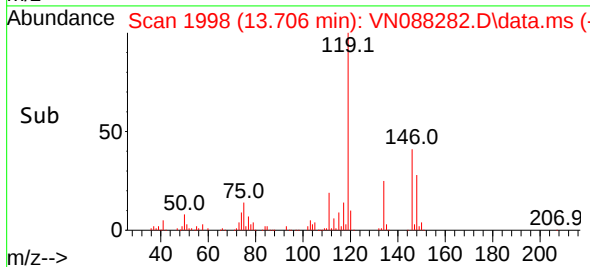
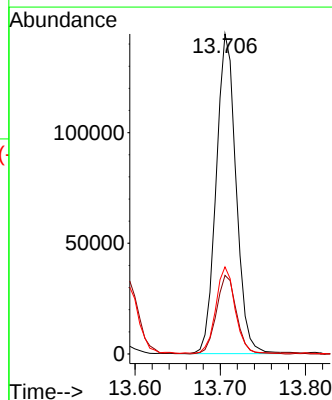
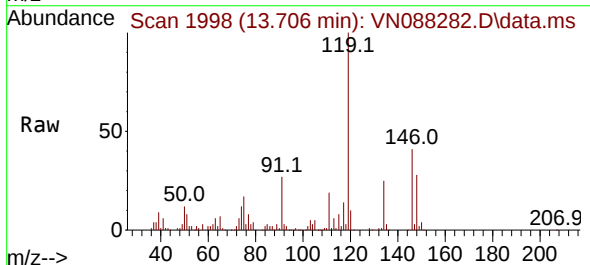
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

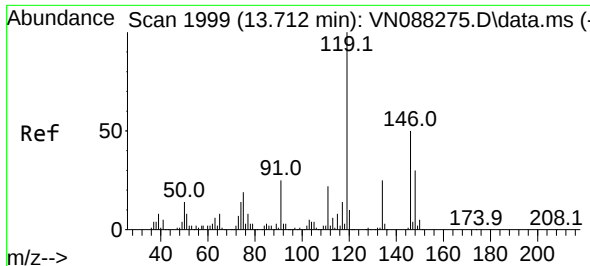
Tgt Ion:105 Resp: 283792
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 17.625 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088282.D
 Acq: 14 Nov 2025 09:07

Tgt Ion:119 Resp: 233504
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.2
 91 26.3 0.0 53.4

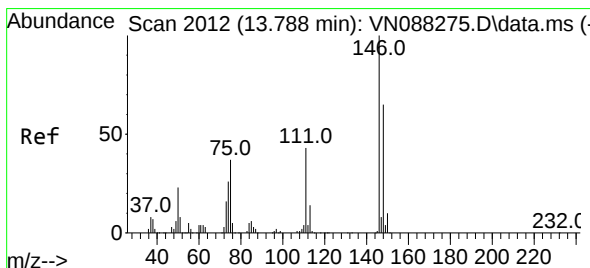
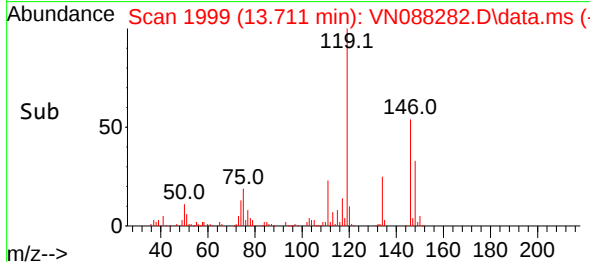
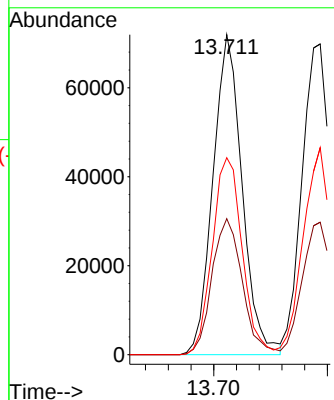
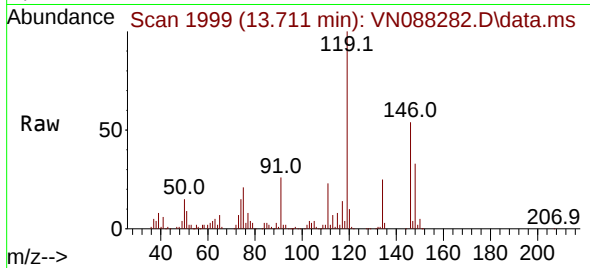




#83
1,3-Dichlorobenzene
Concen: 19.103 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

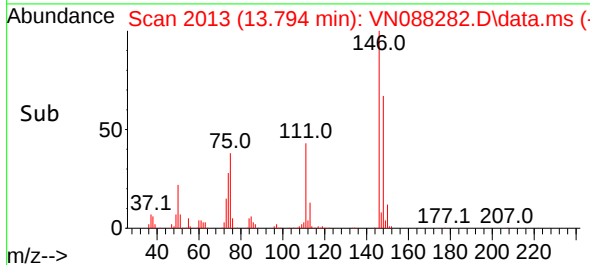
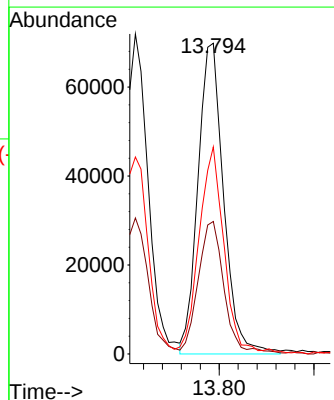
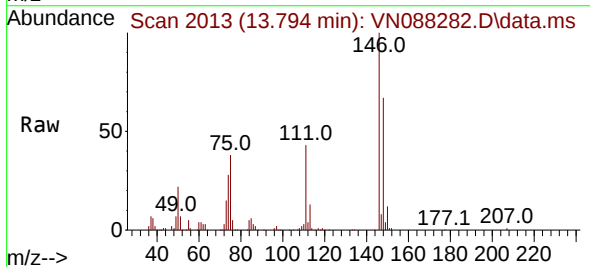
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

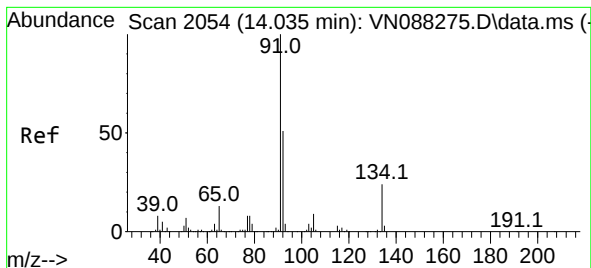
Tgt Ion:146 Resp: 128165
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.5
148 62.9 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 19.379 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:146 Resp: 131673
Ion Ratio Lower Upper
146 100
111 39.5 21.8 65.3
148 63.5 31.9 95.5





#85

n-Butylbenzene

Concen: 18.110 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

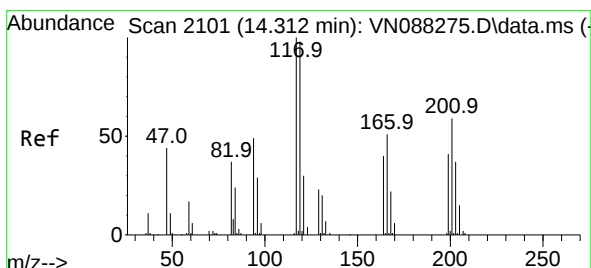
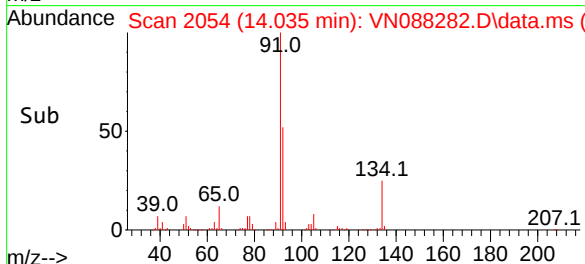
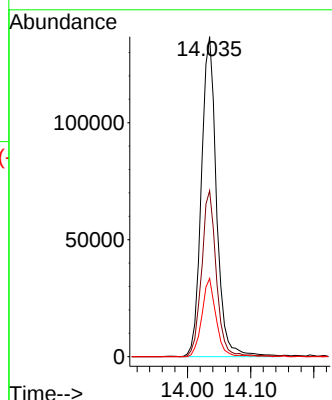
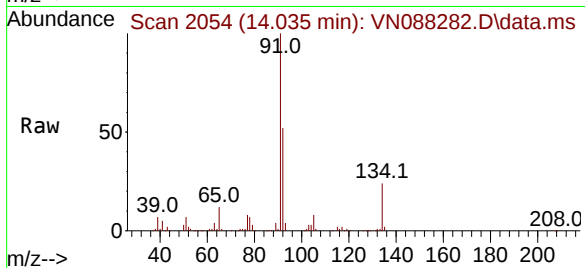
Tgt Ion: 91 Resp: 228661

Ion Ratio Lower Upper

91 100

92 50.3 0.0 102.4

134 22.9 0.0 45.8



#86

Hexachloroethane

Concen: 18.143 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088282.D

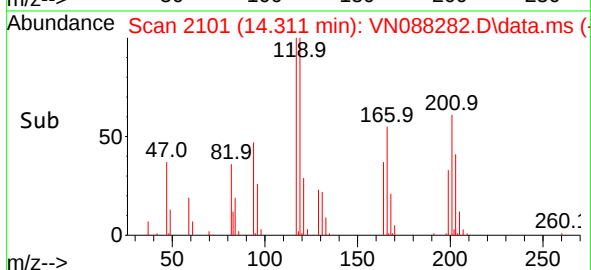
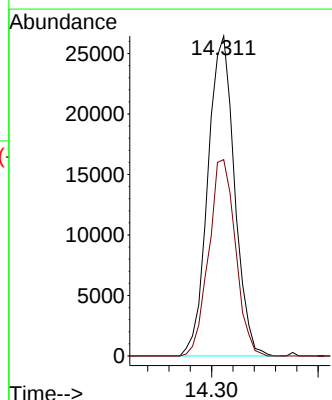
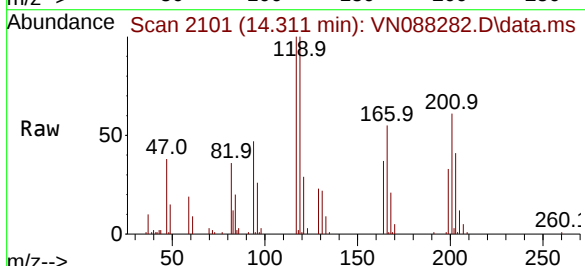
Acq: 14 Nov 2025 09:07

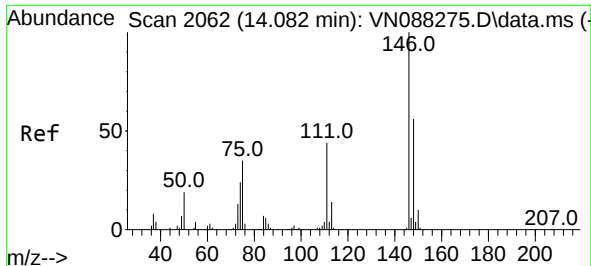
Tgt Ion: 117 Resp: 46023

Ion Ratio Lower Upper

117 100

201 61.5 30.6 92.0

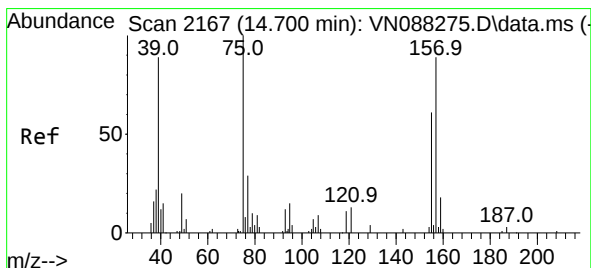
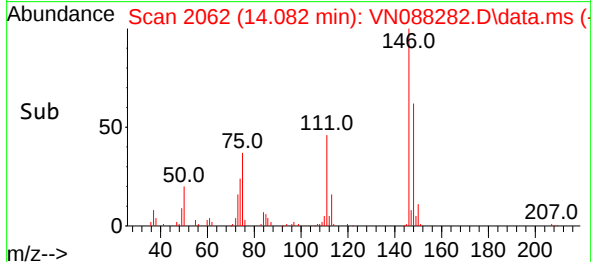
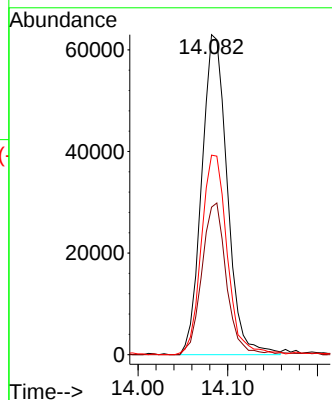
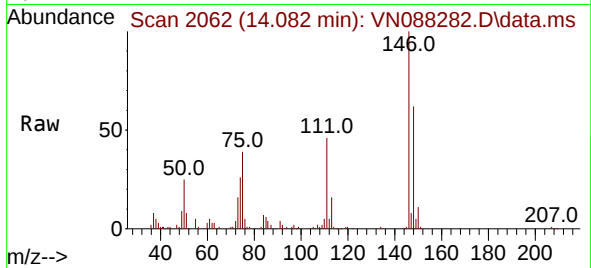




#87
1,2-Dichlorobenzene
Concen: 19.667 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

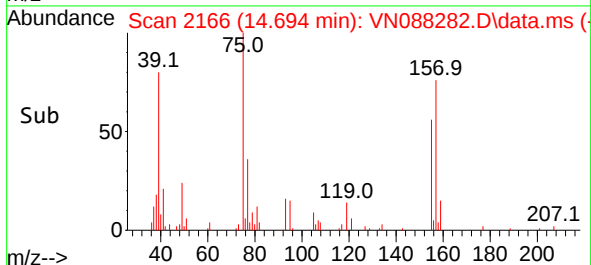
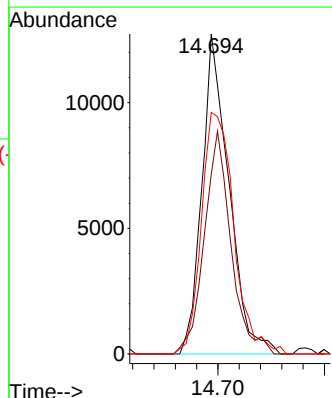
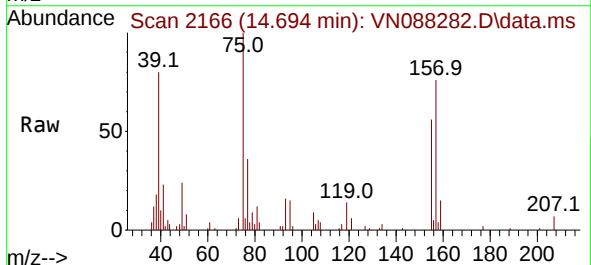
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

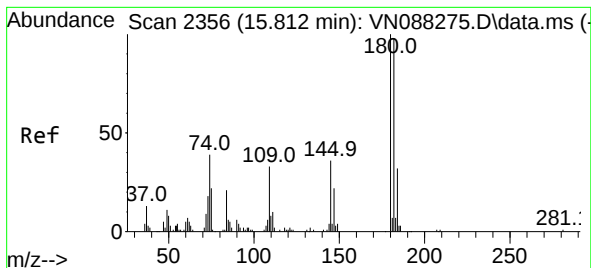
Tgt Ion:146 Resp: 124546
Ion Ratio Lower Upper
146 100
111 45.2 23.0 69.0
148 62.6 31.1 93.2



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.232 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion: 75 Resp: 22398
Ion Ratio Lower Upper
75 100
155 67.2 54.8 82.2
157 88.3 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 18.736 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

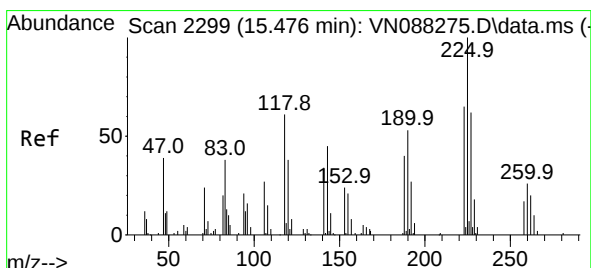
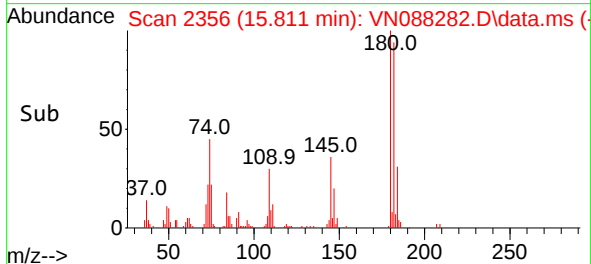
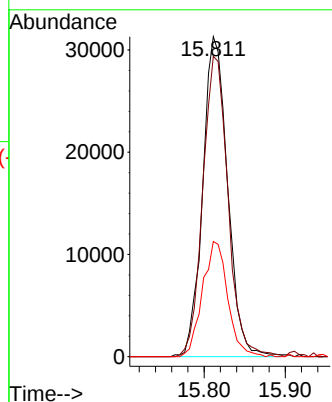
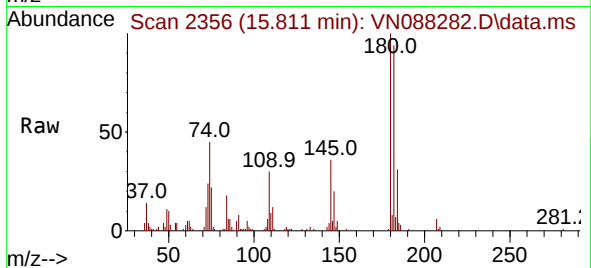
Tgt Ion:180 Resp: 66581

Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

145 36.5 30.2 45.4



#90

Hexachlorobutadiene

Concen: 17.436 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088282.D

Acq: 14 Nov 2025 09:07

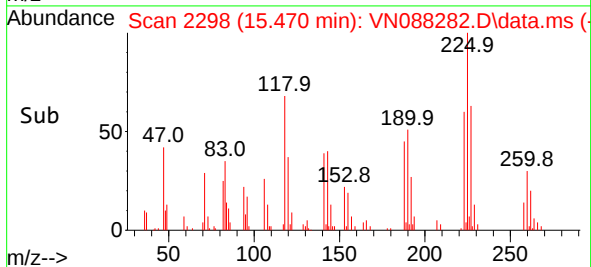
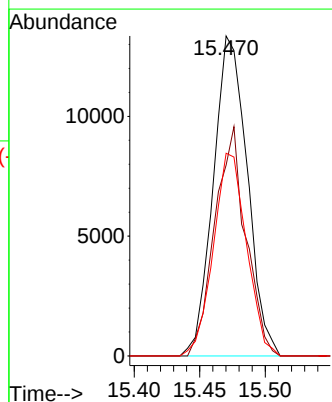
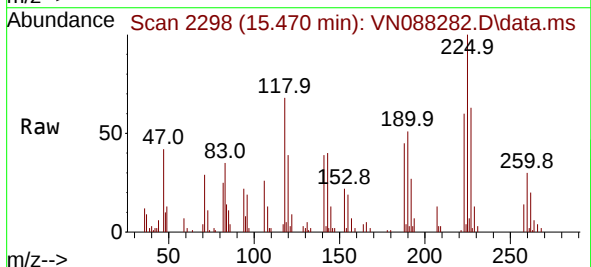
Tgt Ion:225 Resp: 24063

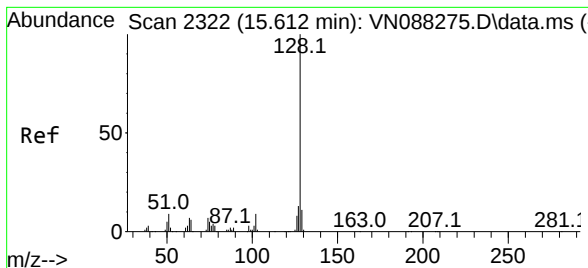
Ion Ratio Lower Upper

225 100

223 65.6 0.0 132.0

227 61.9 0.0 132.6

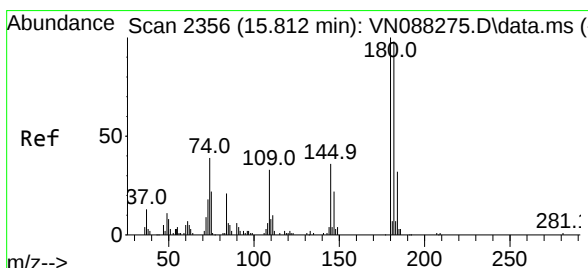
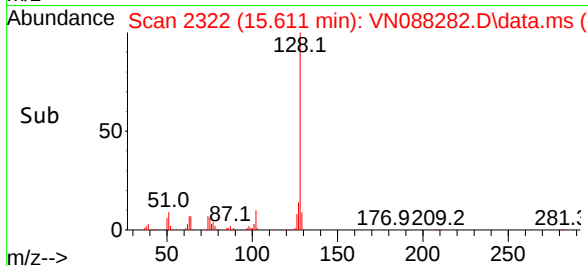
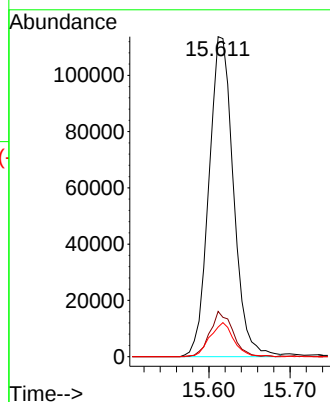
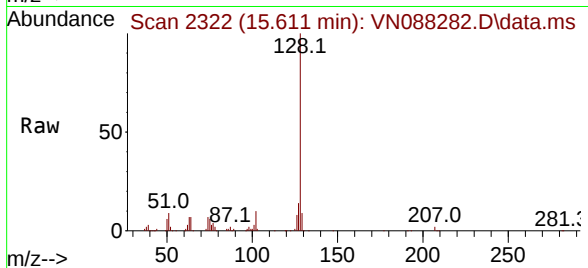




#91
Naphthalene
Concen: 18.578 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 238883
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.4 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.736 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088282.D
Acq: 14 Nov 2025 09:07

Tgt Ion:180 Resp: 66581
Ion Ratio Lower Upper
180 100
182 95.3 0.0 193.2
145 36.5 0.0 75.6

