

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
 Data File : VN088469.D
 Acq On : 05 Dec 2025 14:55
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Dec 05 23:39:21 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	56386	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.077	114	269767	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	251888	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.553	65	165148	32.064	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.867%	
60) 4-Bromofluorobenzene	12.823	95	128308	30.133	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.433%	
63) Toluene-d8	10.541	98	362266	30.378	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.267%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61678	15.561	ug/l	98
3) Chloromethane	2.383	50	71475	17.490	ug/l	90
4) Vinyl Chloride	2.536	62	69981	16.195	ug/l	94
5) Bromomethane	2.989	94	30502	13.239	ug/l	86
6) Chloroethane	3.148	64	48314	18.089	ug/l	98
7) Trichlorofluoromethane	3.518	101	100236	16.546	ug/l	98
8) Diethyl Ether	3.965	74	44143	19.495	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	23272	7.322	ug/l #	6
10) 1,1-Dichloroethene	4.342	96	51510	16.613	ug/l	98
11) Methyl Iodide	4.589	142	41797	12.667	ug/l	91
12) Methyl Acetate	5.012	43	105034	20.998	ug/l	98
13) Acrolein	4.177	56	76092	103.391	ug/l	99
14) Acrylonitrile	5.700	53	218220	96.007	ug/l	98
15) Acetone	4.412	58	63687	95.814	ug/l	89
16) Carbon Disulfide	4.706	76	171037	16.356	ug/l #	94
17) Allyl chloride	5.012	41	100553	16.688	ug/l	95
18) Methylene Chloride	5.259	84	74033	19.210	ug/l	94
19) trans-1,2-Dichloroethene	5.777	96	60017	16.623	ug/l	86
20) Diisopropyl ether	6.647	45	261819	20.335	ug/l	98
21) 1,1-Dichloroethane	6.553	63	136490	18.816	ug/l	99
22) cis-1,2-Dichloroethene	7.465	96	77652	18.504	ug/l	99
23) tert-Butyl Alcohol	5.506	59	67345	80.577	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	244788	19.581	ug/l	99
25) Chloroform	7.941	83	140989	19.615	ug/l	97
26) Cyclohexane	8.230	56	83255	13.588	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	85847	19.072	ug/l	97
30) 2-Butanone	7.459	43	305790	105.023	ug/l	100
31) 2,2-Dichloropropane	7.471	77	109815	19.780	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	111383	20.073	ug/l	99
33) Carbon Tetrachloride	8.336	117	89165	18.817	ug/l	95
34) Benzene	8.583	78	278573	20.705	ug/l	97
35) Methacrylonitrile	7.759	41	64855	21.354	ug/l	93
36) 1,2-Dichloroethane	8.647	62	122307	23.358	ug/l	99
37) Trichloroethene	9.330	130	59887	19.642	ug/l	93
38) Methylcyclohexane	9.577	83	72324	14.015	ug/l	95
39) 1,2-Dichloropropane	9.594	63	76591	22.065	ug/l	96
40) Dibromomethane	9.688	93	56540	22.670	ug/l	99
41) Bromodichloromethane	9.865	83	116007	23.106	ug/l	90
42) Vinyl Acetate	6.583	43	1152446	118.589	ug/l	97

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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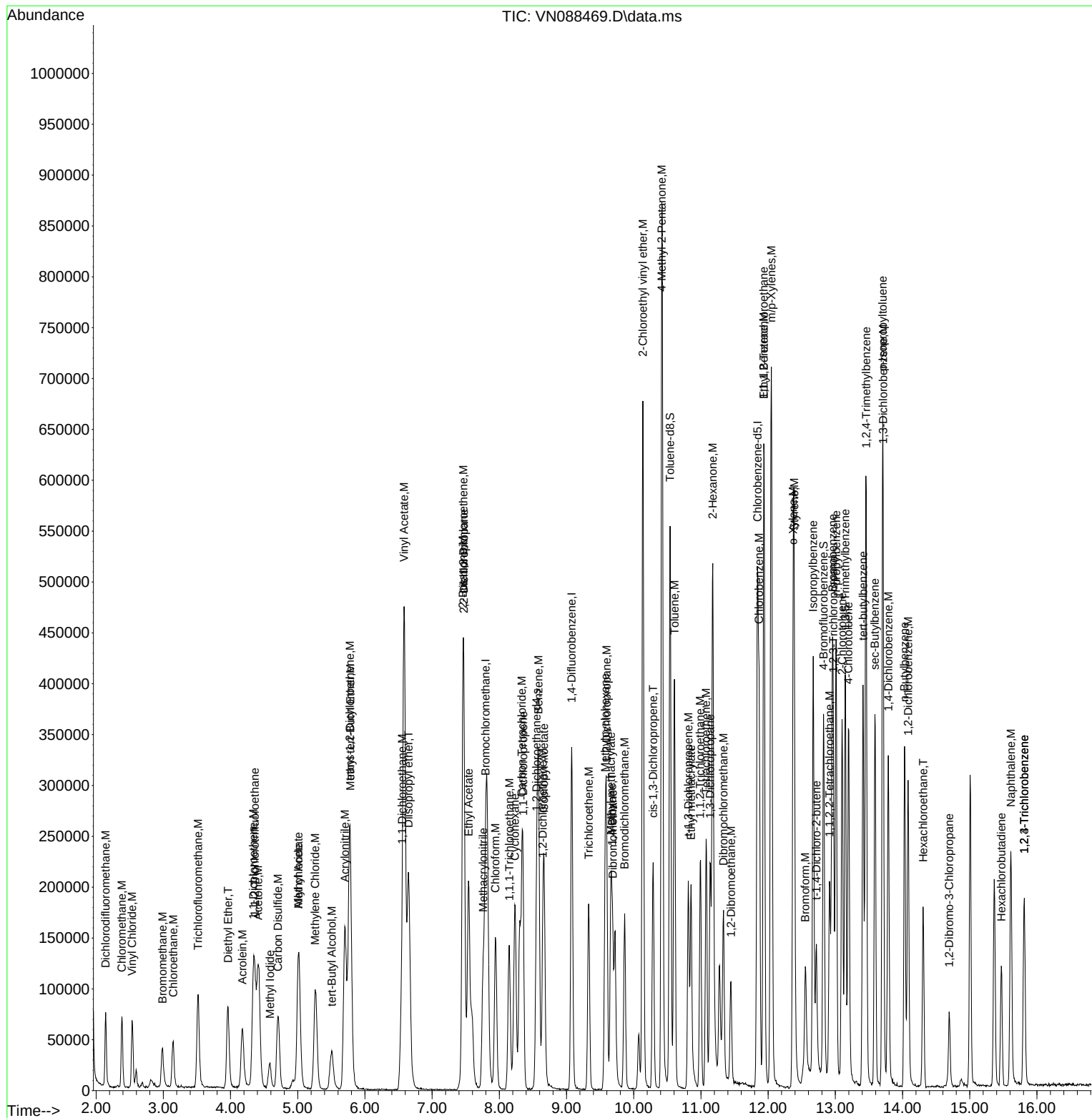
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	126576	21.606	ug/l	96
44) Isopropyl Acetate	8.665	43	197975	21.928	ug/l	99
45) 1,4-Dioxane	9.677	88	21665	398.484	ug/l	91
46) Methyl methacrylate	9.659	41	84490	19.999	ug/l	92
48) t-1,3-Dichloropropene	10.812	75	107886	20.091	ug/l	97
49) cis-1,3-Dichloropropene	10.288	75	118513	21.211	ug/l	99
50) 1,1,2-Trichloroethane	10.988	97	71245	23.102	ug/l	93
51) Ethyl methacrylate	10.853	69	106318	20.954	ug/l	90
52) 1,3-Dichloropropane	11.135	76	125052	22.266	ug/l	100
53) Dibromochloromethane	11.335	129	78077	22.041	ug/l	97
54) 1,2-Dibromoethane	11.447	107	68333	21.326	ug/l	98
55) 2-Chloroethyl vinyl ether	10.135	63	286420	97.998	ug/l	99
56) Bromoform	12.553	173	47196	21.050	ug/l	99
58) 4-Methyl-2-Pentanone	10.418	43	619769	108.787	ug/l	100
59) 2-Hexanone	11.177	43	393874	104.116	ug/l	99
61) Tetrachloroethene	11.077	164	48757	18.774	ug/l	91
62) Toluene	10.606	91	289732	20.044	ug/l	99
64) Chlorobenzene	11.865	112	175898	19.648	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.935	131	64515	21.055	ug/l	96
66) Ethyl Benzene	11.935	91	289900	18.197	ug/l	95
67) m/p-Xylenes	12.047	106	224970	37.761	ug/l	100
68) o-Xylene	12.371	106	103521	18.420	ug/l	100
69) Styrene	12.388	104	179294	18.783	ug/l	99
70) Isopropylbenzene	12.671	105	256357	17.212	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.912	83	99065	20.533	ug/l	96
72) 1,2,3-Trichloropropane	12.971	75	136157	29.131	ug/l	52
73) Bromobenzene	12.959	156	67684	20.129	ug/l	99
74) n-propylbenzene	13.012	91	321449	17.439	ug/l	100
75) 2-Chlorotoluene	13.100	91	202032	18.025	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	218327	17.463	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	29159	18.166	ug/l	92
78) 4-Chlorotoluene	13.194	91	212640	18.722	ug/l	99
79) tert-butylbenzene	13.412	119	172791	16.143	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	221015	17.778	ug/l	98
81) sec-Butylbenzene	13.588	105	248110	15.892	ug/l	98
82) p-Isopropyltoluene	13.706	119	206828	16.032	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	126053	19.295	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	124615	18.835	ug/l	99
85) n-Butylbenzene	14.029	91	185942	15.123	ug/l	98
86) Hexachloroethane	14.306	117	37142	15.037	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	115966	18.806	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	21176	18.673	ug/l	95
89) 1,2,4-Trichlorobenzene	15.812	180	59709	17.255	ug/l	98
90) Hexachlorobutadiene	15.470	225	20258	15.075	ug/l	93
91) Naphthalene	15.612	128	211611	16.901	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	59709	17.255	ug/l	98

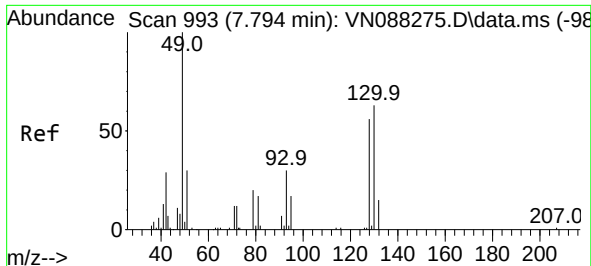
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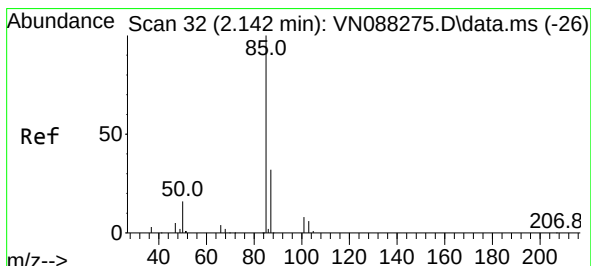
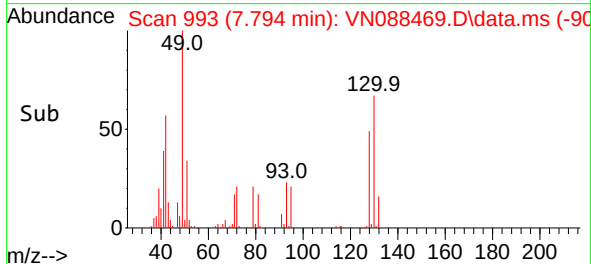
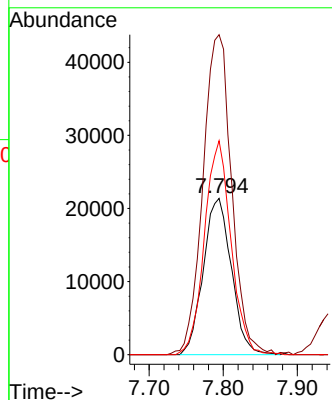
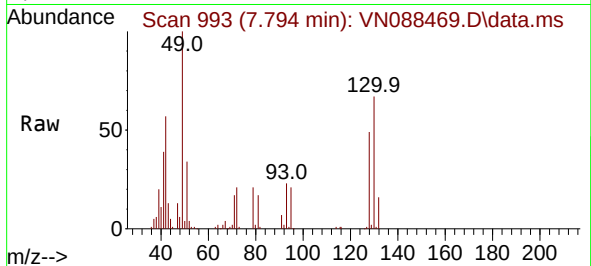




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

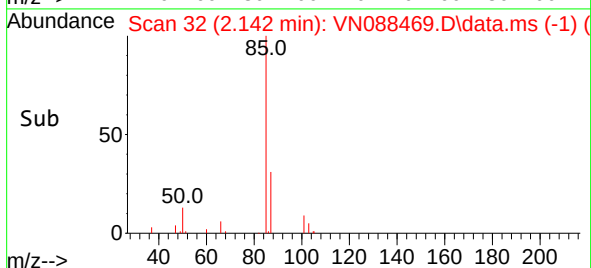
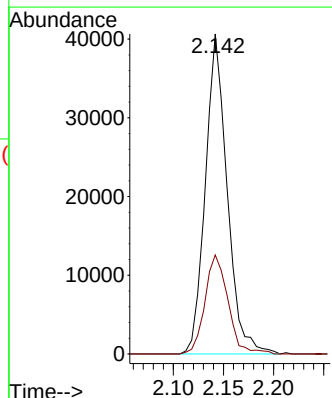
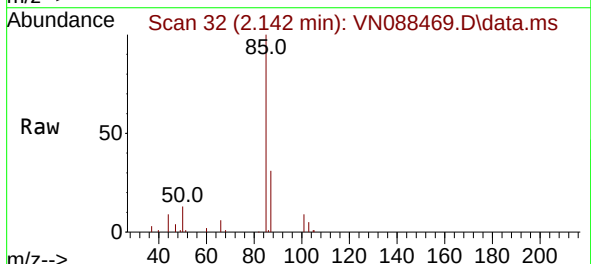
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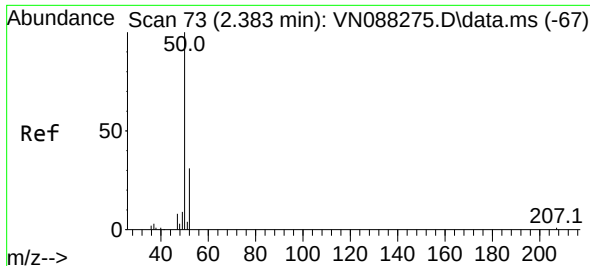
Tgt Ion:128 Resp: 56386
Ion Ratio Lower Upper
128 100
49 208.5 0.0 501.2
130 128.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 15.561 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 85 Resp: 61678
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

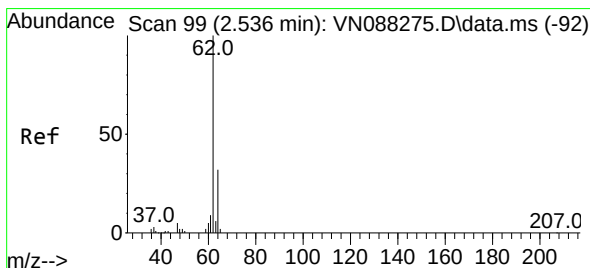
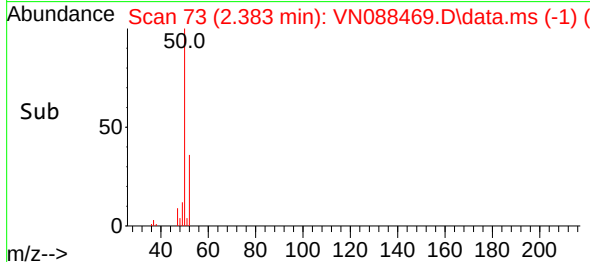
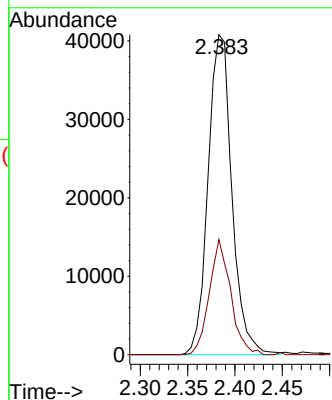
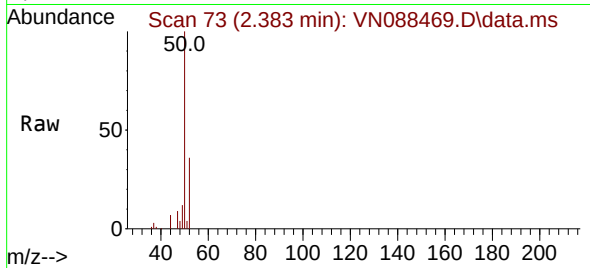




#3
Chloromethane
Concen: 17.490 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

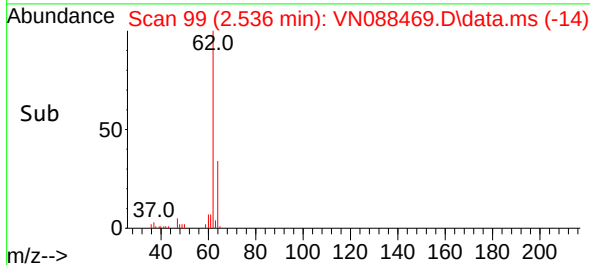
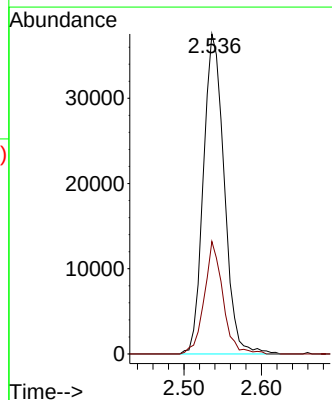
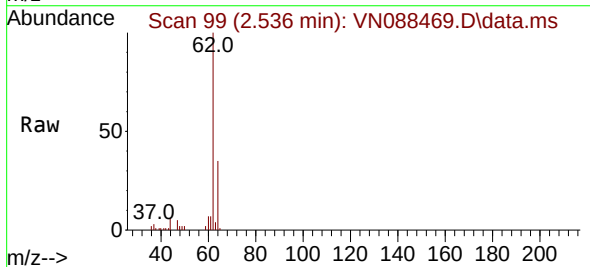
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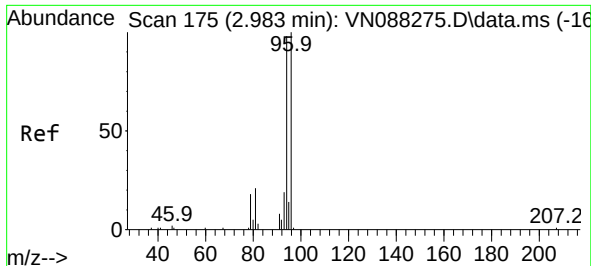
Tgt Ion: 50 Resp: 71475
Ion Ratio Lower Upper
50 100
52 36.0 24.6 36.8



#4
Vinyl Chloride
Concen: 16.195 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 62 Resp: 69981
Ion Ratio Lower Upper
62 100
64 35.1 25.4 38.2

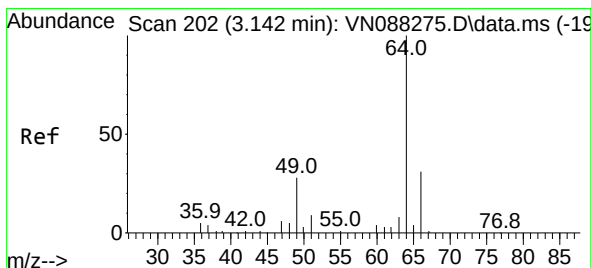
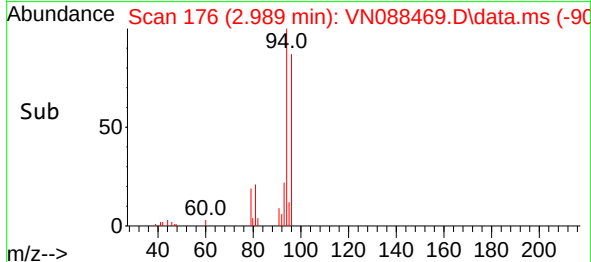
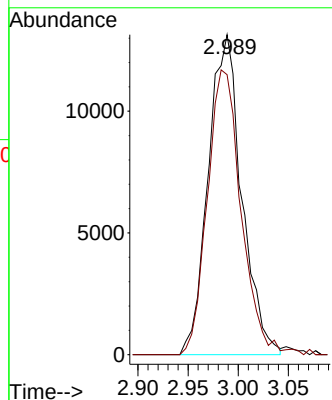
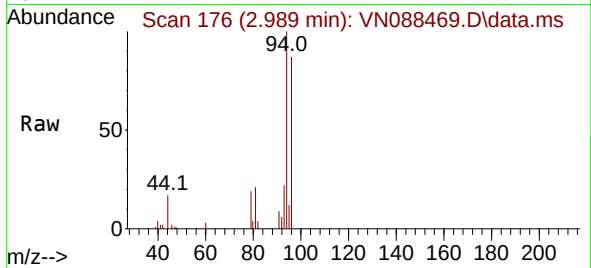




#5
Bromomethane
Concen: 13.239 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

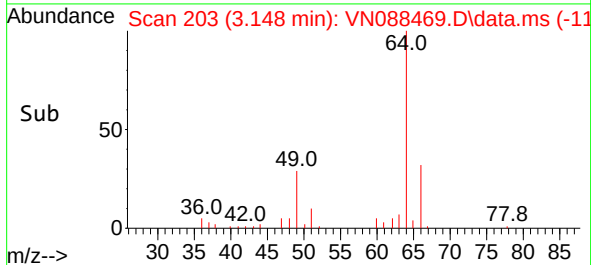
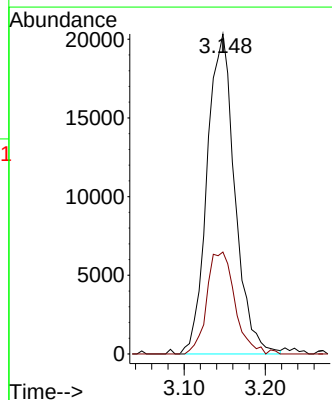
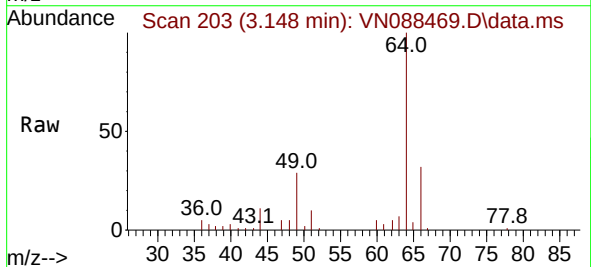
Instrument :
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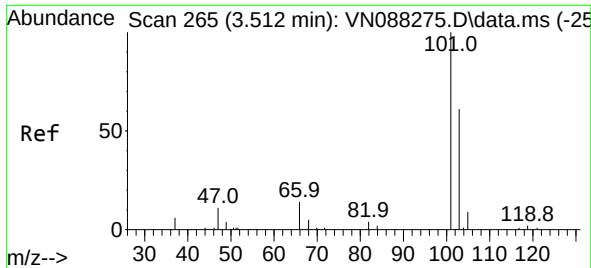
Tgt Ion: 94 Resp: 30502
Ion Ratio Lower Upper
94 100
96 87.5 81.3 121.9



#6
Chloroethane
Concen: 18.089 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 64 Resp: 48314
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1

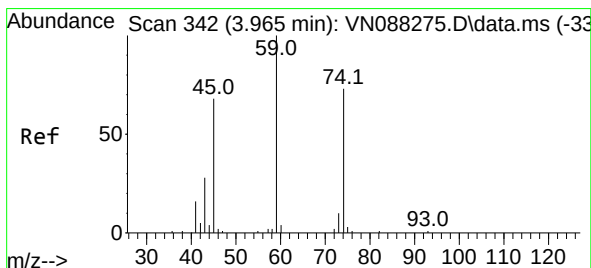
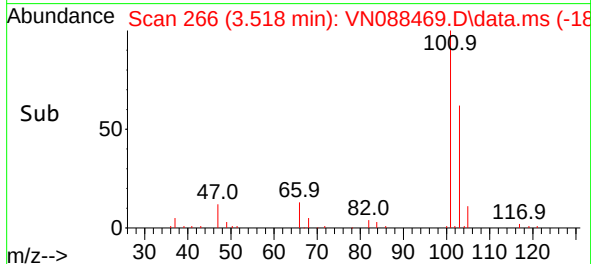
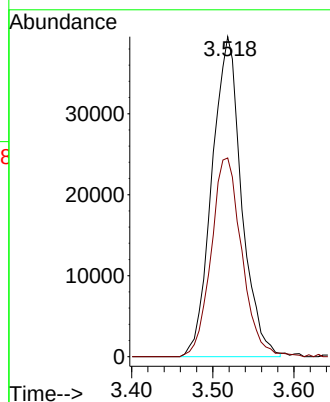
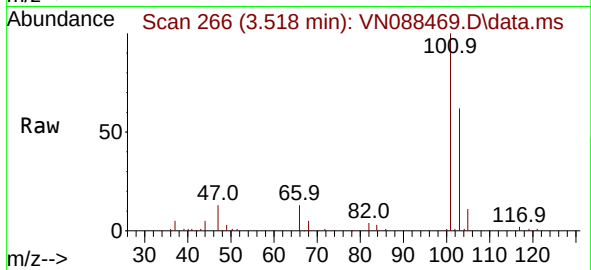




#7
 Trichlorofluoromethane
 Concen: 16.546 ug/l
 RT: 3.518 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088469.D
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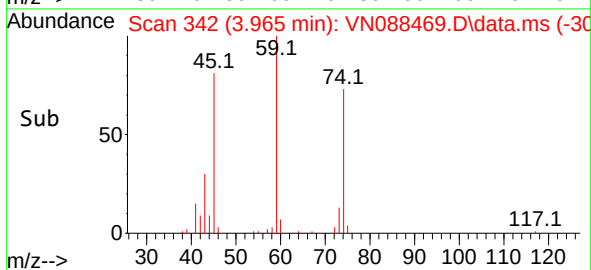
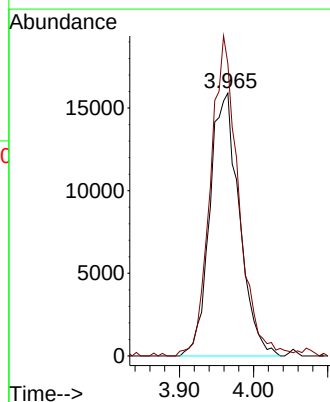
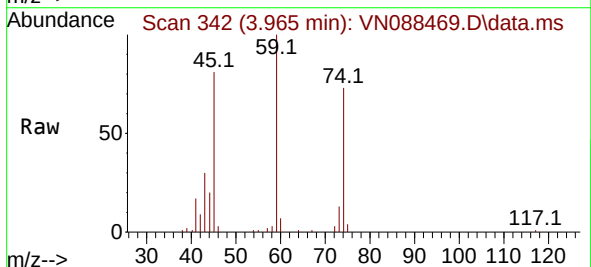
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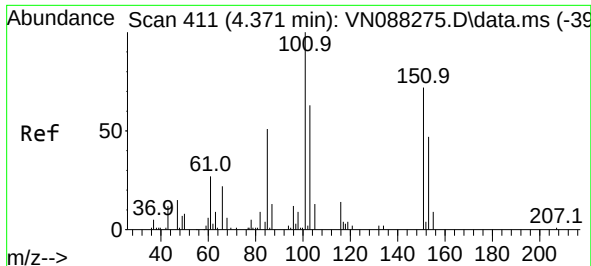
Tgt Ion:101 Resp: 100236
 Ion Ratio Lower Upper
 101 100
 103 62.1 48.6 73.0



#8
 Diethyl Ether
 Concen: 19.495 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Tgt Ion: 74 Resp: 44143
 Ion Ratio Lower Upper
 74 100
 45 114.3 20.9 187.7

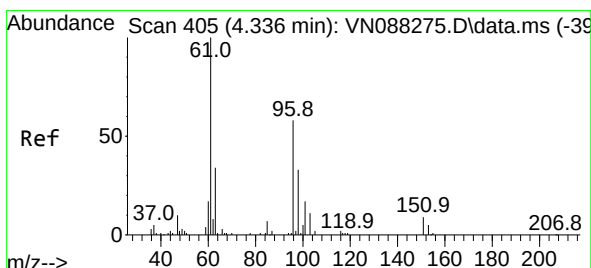
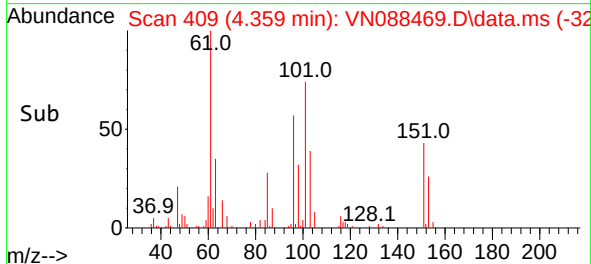
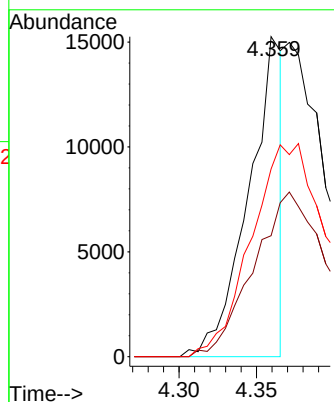
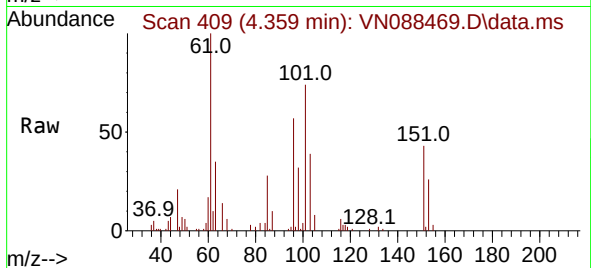




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.322 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
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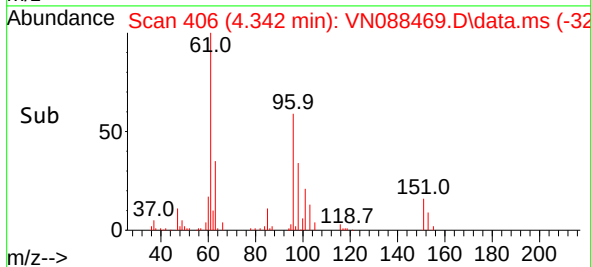
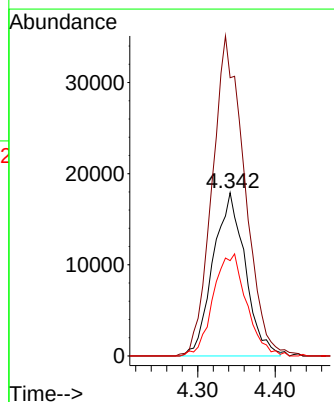
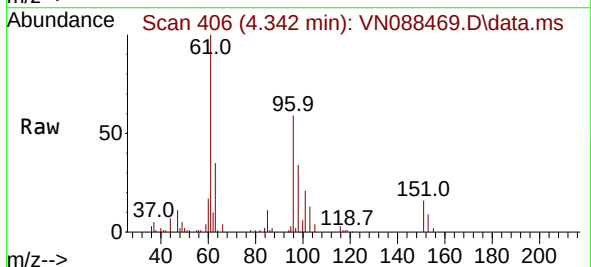
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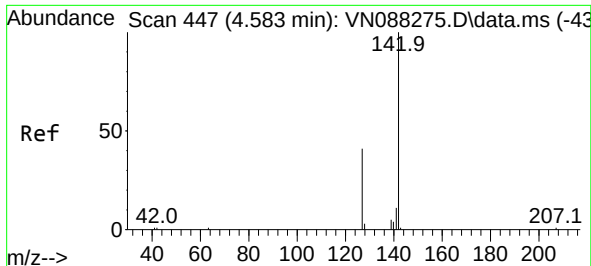
Tgt Ion:101 Resp: 23272
 Ion Ratio Lower Upper
 101 100
 85 109.5 0.0 100.8#
 151 150.6 0.0 138.4#



#10
 1,1-Dichloroethene
 Concen: 16.613 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Tgt Ion: 96 Resp: 51510
 Ion Ratio Lower Upper
 96 100
 61 169.4 137.8 206.8
 98 58.5 45.6 68.4

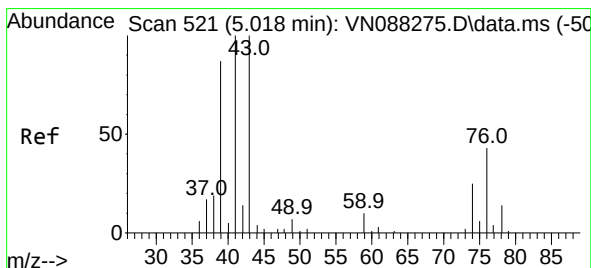
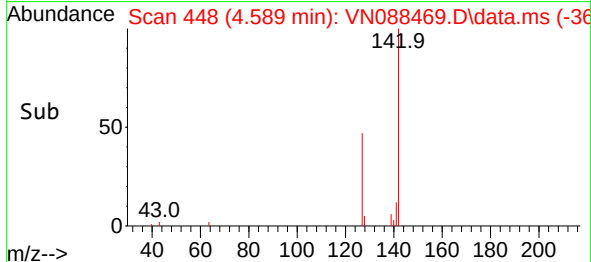
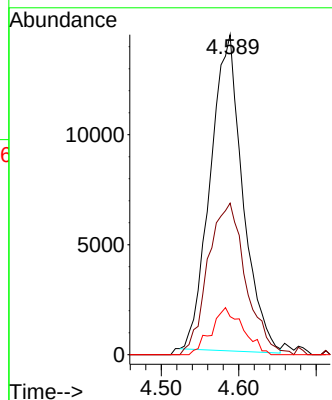
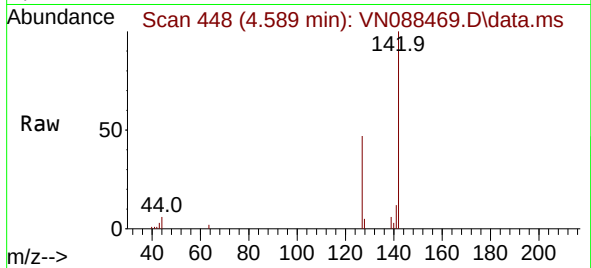




#11
Methyl Iodide
Concen: 12.667 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

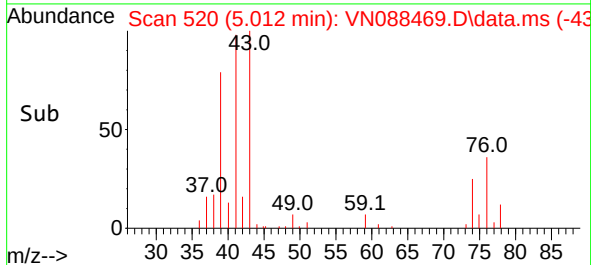
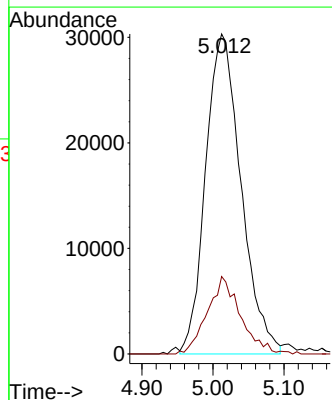
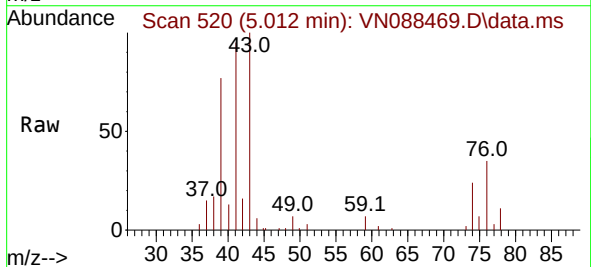
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

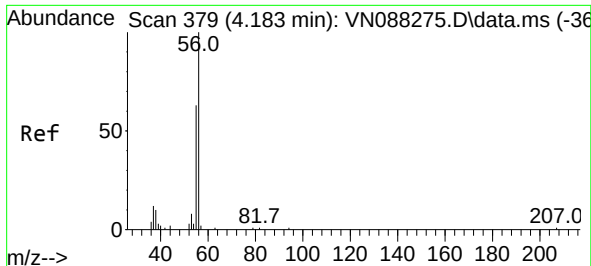
Tgt Ion:142 Resp: 41797
Ion Ratio Lower Upper
142 100
127 47.6 20.4 61.2
141 12.1 5.6 16.8



#12
Methyl Acetate
Concen: 20.998 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 43 Resp: 105034
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8

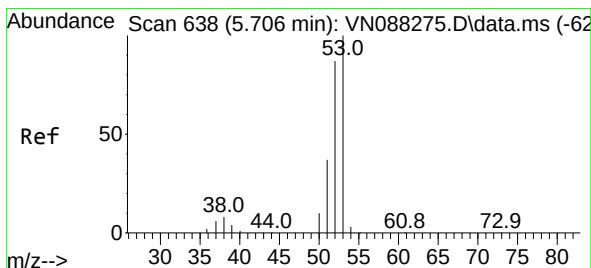
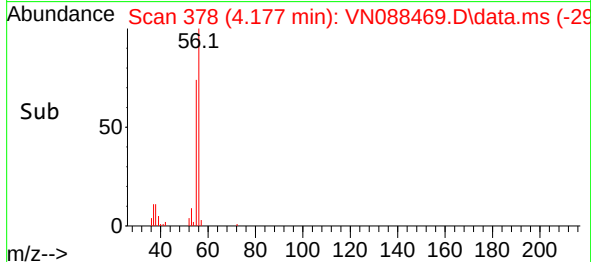
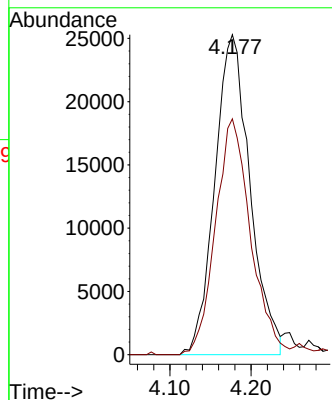
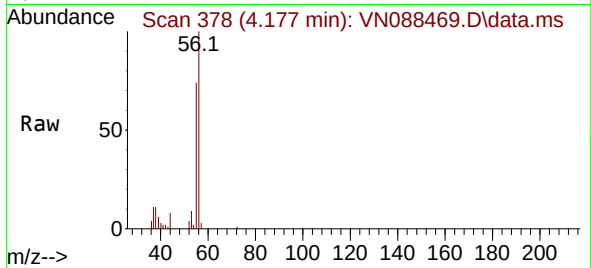




#13
Acrolein
Concen: 103.391 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

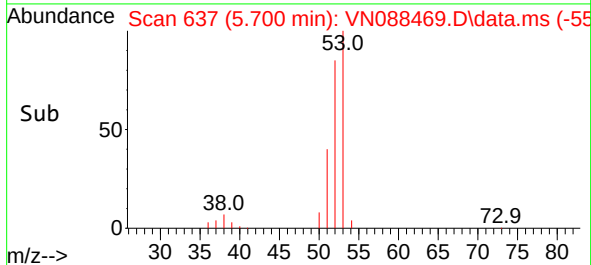
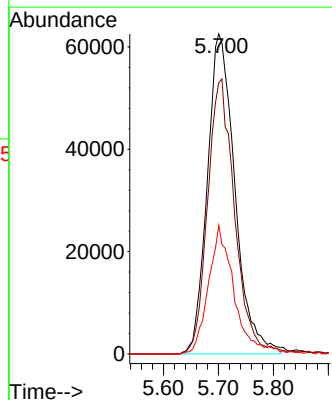
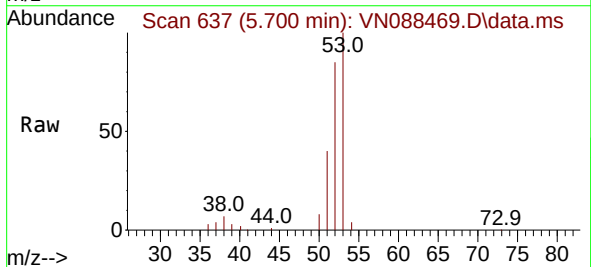
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

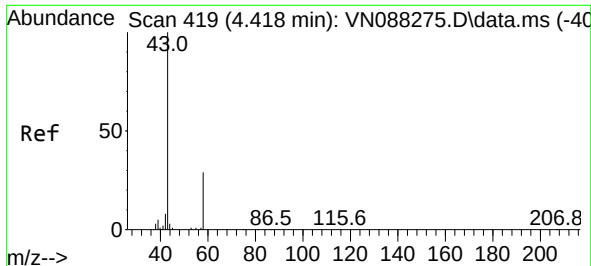
Tgt Ion: 56 Resp: 76092
Ion Ratio Lower Upper
56 100
55 73.6 57.9 86.9



#14
Acrylonitrile
Concen: 96.007 ug/l
RT: 5.700 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 53 Resp: 218220
Ion Ratio Lower Upper
53 100
52 83.0 42.3 126.9
51 36.1 18.4 55.2

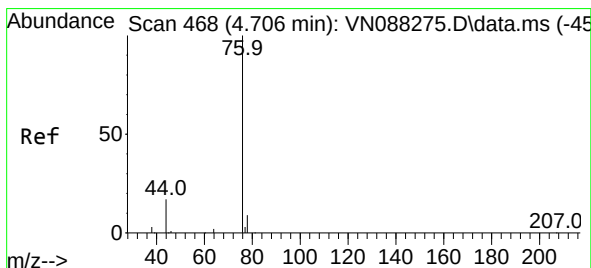
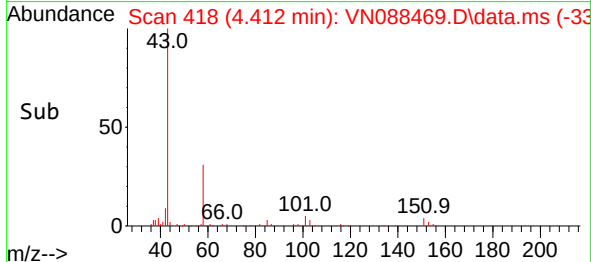
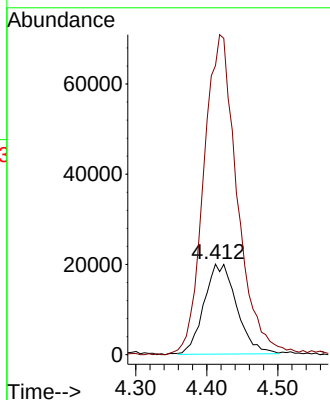
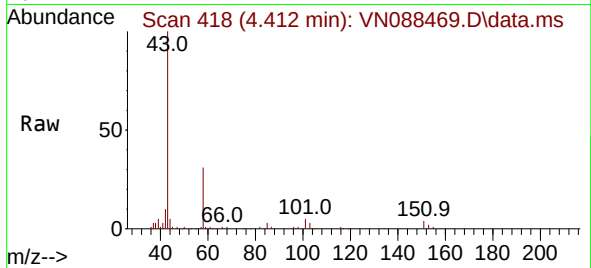




#15
Acetone
Concen: 95.814 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

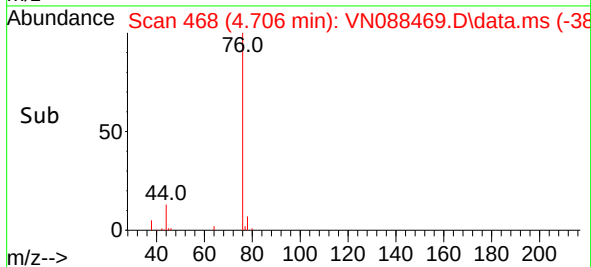
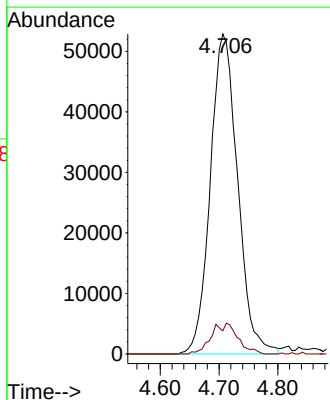
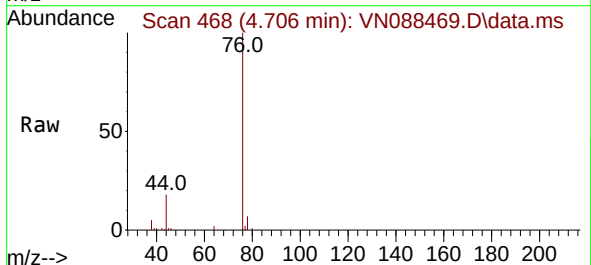
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

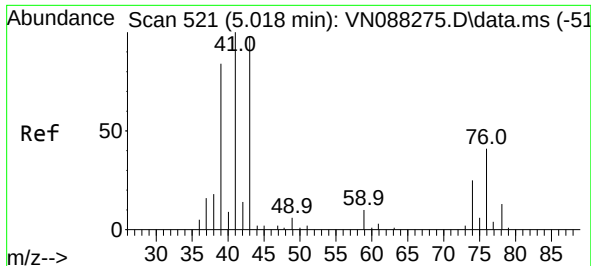
Tgt Ion: 58 Resp: 63687
Ion Ratio Lower Upper
58 100
43 318.5 273.9 410.9



#16
Carbon Disulfide
Concen: 16.356 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 76 Resp: 171037
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#



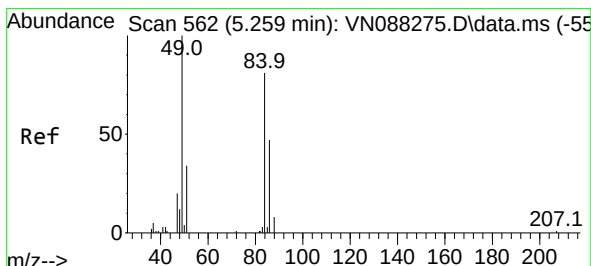
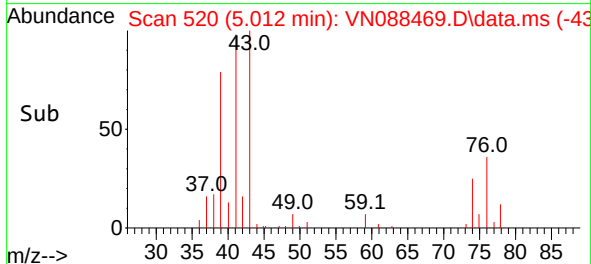
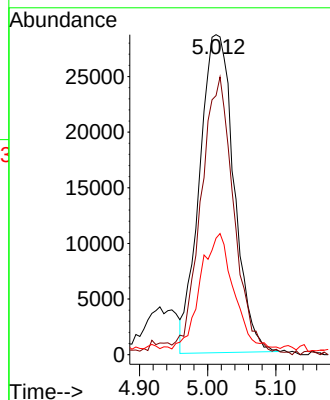
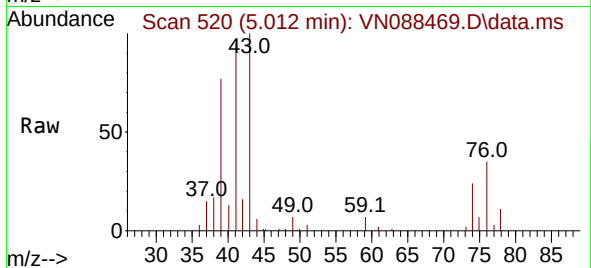


#17
 Allyl chloride
 Concen: 16.688 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 41 Resp: 100553

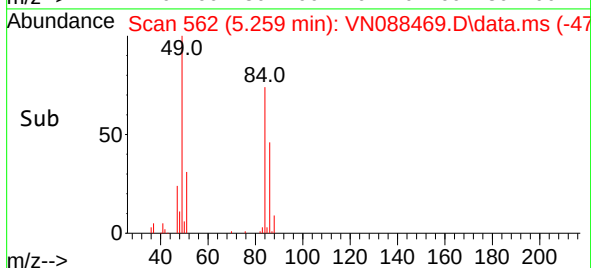
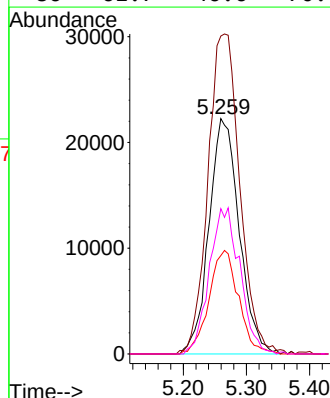
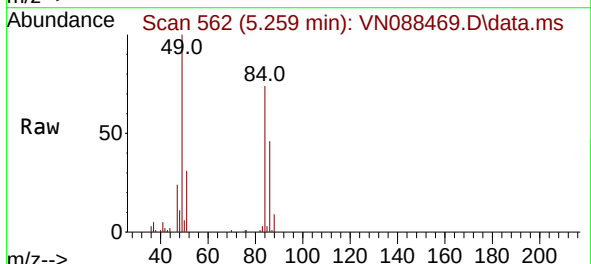
Ion	Ratio	Lower	Upper
41	100		
39	80.9	38.3	114.9
76	34.8	18.5	55.5

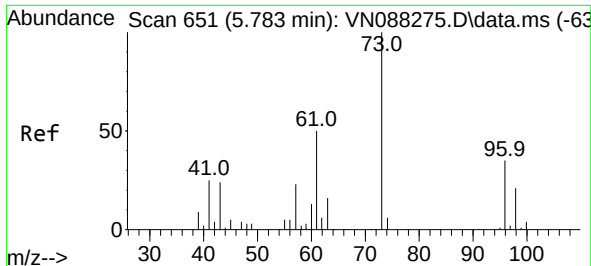


#18
 Methylene Chloride
 Concen: 19.210 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Tgt Ion: 84 Resp: 74033

Ion	Ratio	Lower	Upper
84	100		
49	133.6	98.7	148.1
51	41.8	33.7	50.5
86	61.7	46.6	70.0

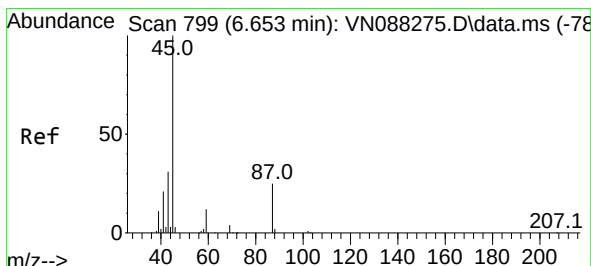
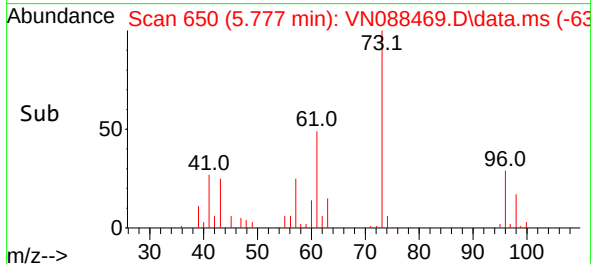
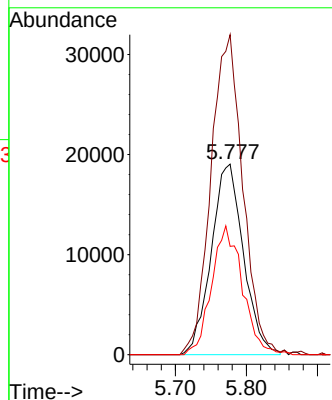
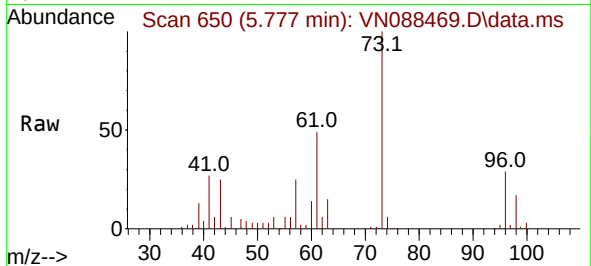




#19
trans-1,2-Dichloroethene
Concen: 16.623 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

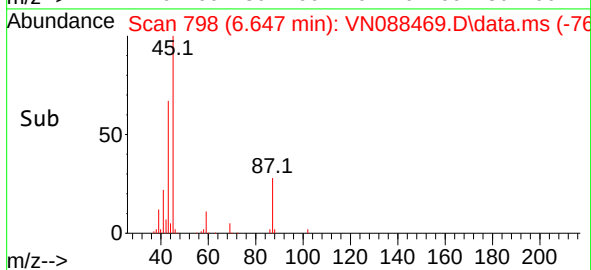
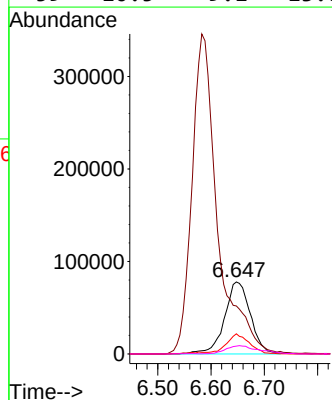
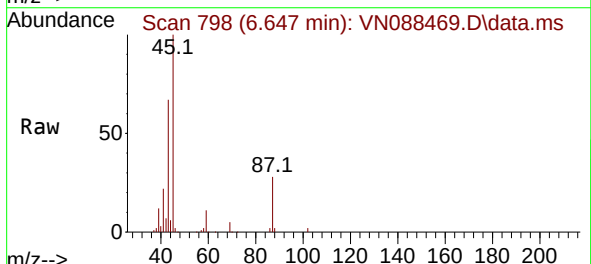
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

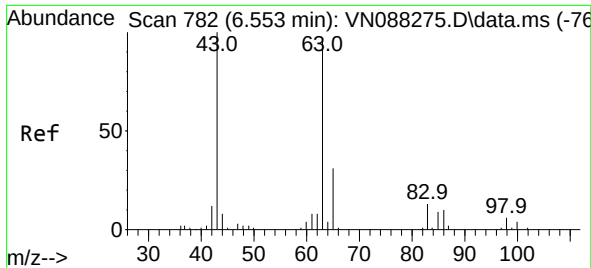
Tgt Ion: 96 Resp: 60017
Ion Ratio Lower Upper
96 100
61 167.9 117.0 175.4
98 56.9 48.6 72.8



#20
Diisopropyl ether
Concen: 20.335 ug/l
RT: 6.647 min Scan# 798
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 45 Resp: 261819
Ion Ratio Lower Upper
45 100
43 63.0 51.9 77.9
87 27.7 21.1 31.7
59 10.5 9.1 13.7

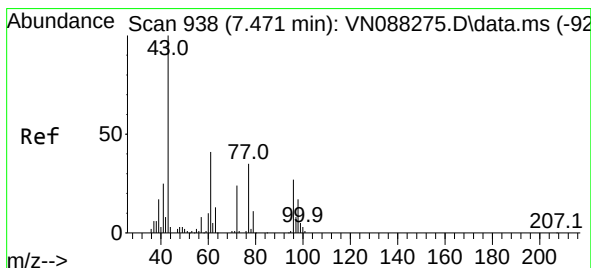
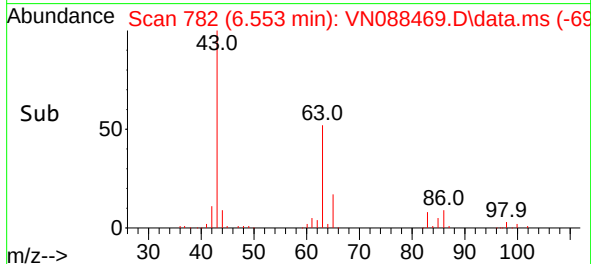
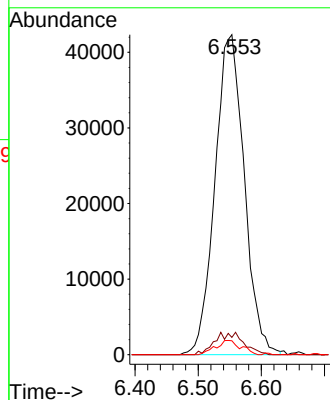
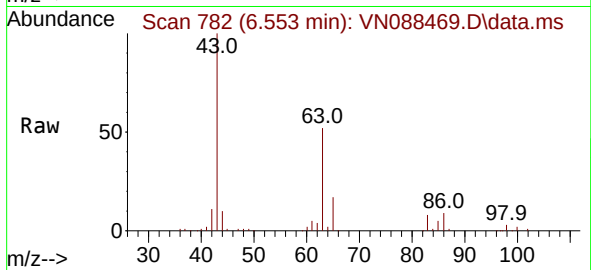




#21
1,1-Dichloroethane
Concen: 18.816 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

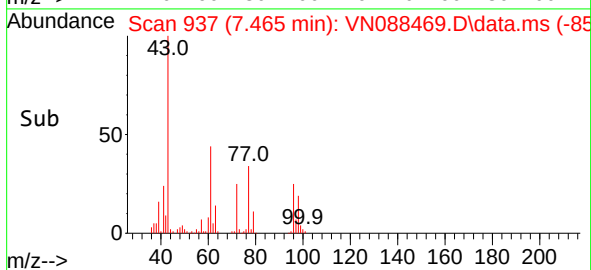
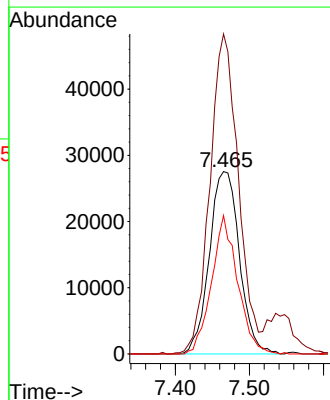
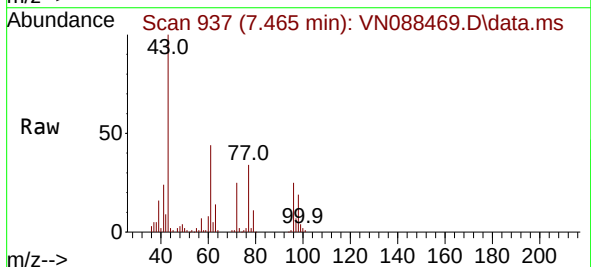
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

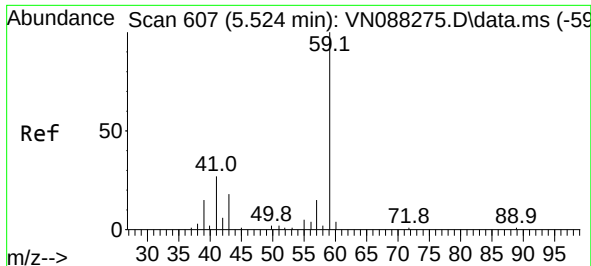
Tgt Ion: 63 Resp: 136490
Ion Ratio Lower Upper
63 100
98 5.4 3.0 9.0
100 4.3 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 18.504 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 96 Resp: 77652
Ion Ratio Lower Upper
96 100
61 165.3 131.2 196.8
98 65.7 51.0 76.4

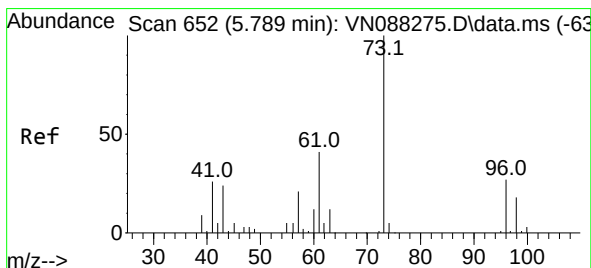
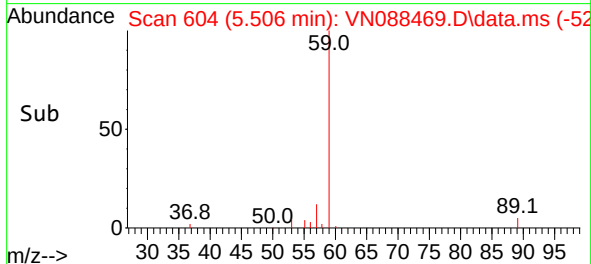
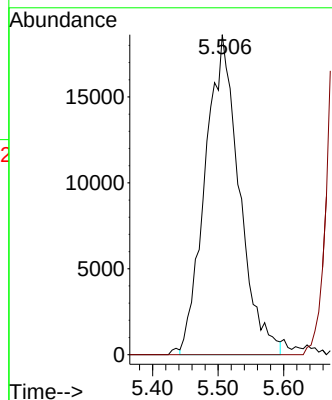
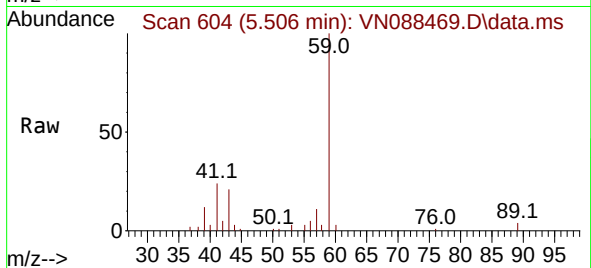




#23
tert-Butyl Alcohol
Concen: 80.577 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

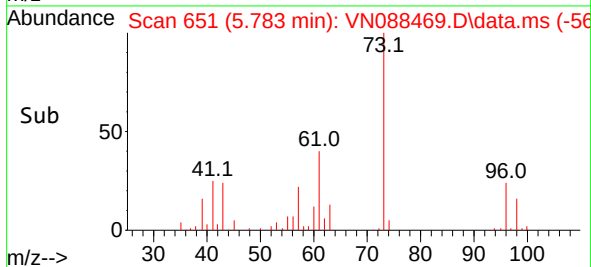
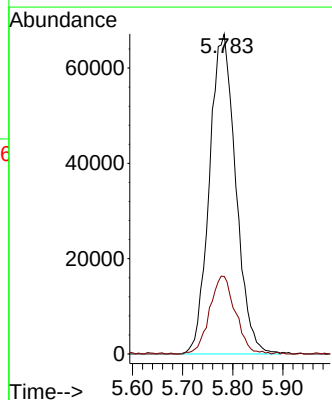
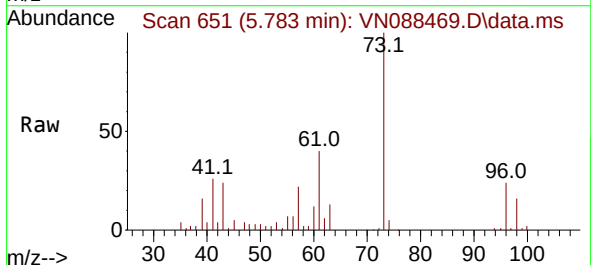
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

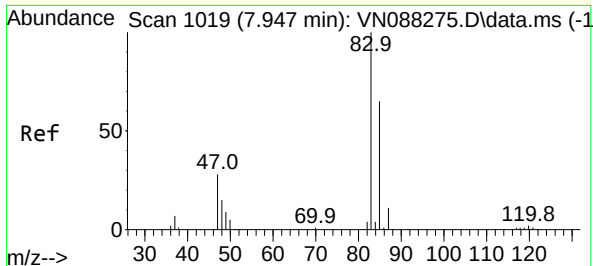
Tgt Ion: 59 Resp: 67345
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.581 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 73 Resp: 244788
Ion Ratio Lower Upper
73 100
43 23.7 18.5 27.7





#25

Chloroform

Concen: 19.615 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

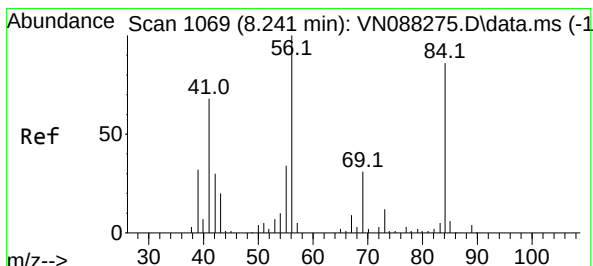
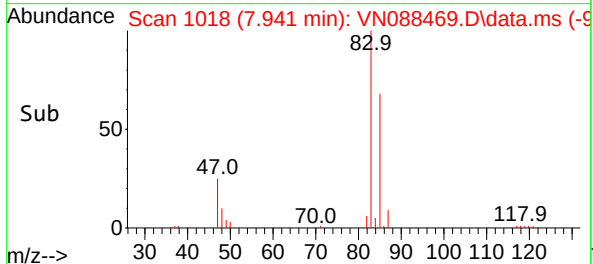
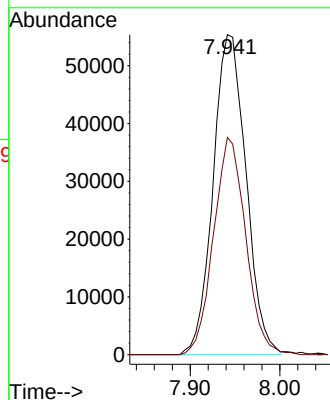
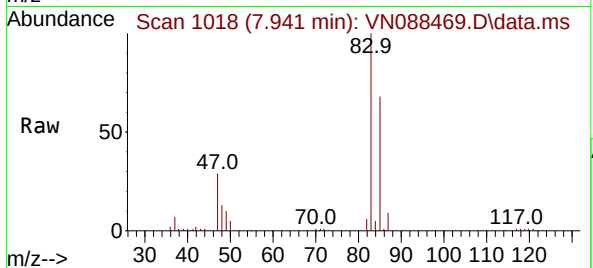
VSTDCCC020EC

Tgt Ion: 83 Resp: 140989

Ion Ratio Lower Upper

83 100

85 67.9 52.2 78.4



#26

Cyclohexane

Concen: 13.588 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.012 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

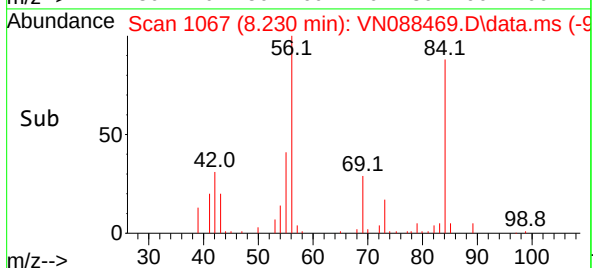
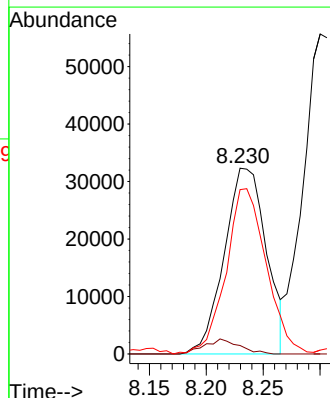
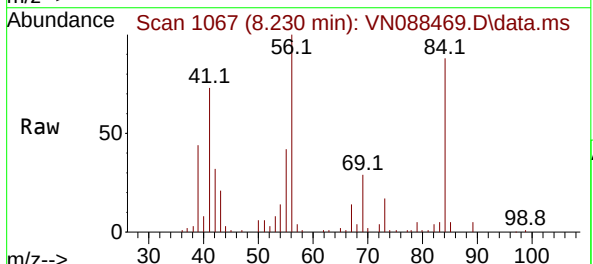
Tgt Ion: 56 Resp: 83255

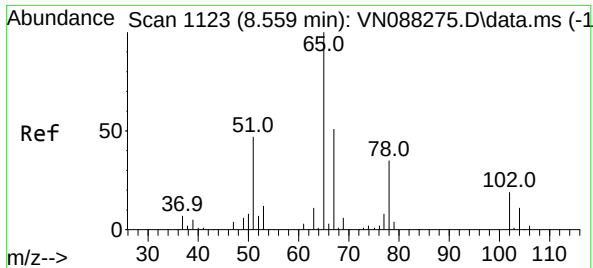
Ion Ratio Lower Upper

56 100

89 6.6 7.3 10.9#

84 85.2 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 32.064 ug/l

RT: 8.553 min Scan# 1122

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

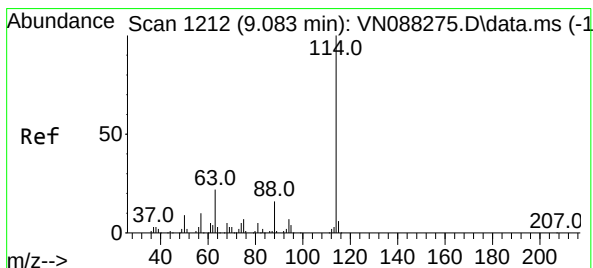
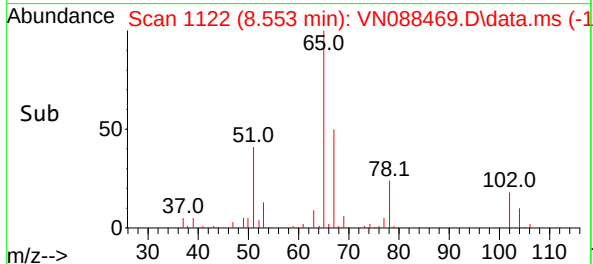
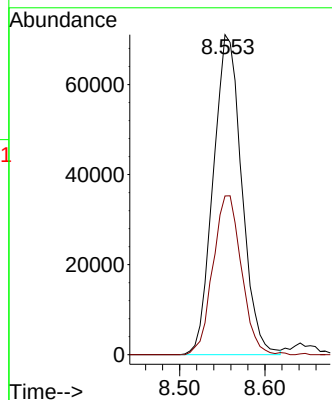
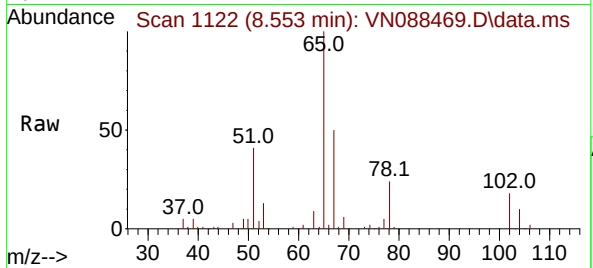
VSTDCCC020EC

Tgt Ion: 65 Resp: 165148

Ion Ratio Lower Upper

65 100

67 49.5 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

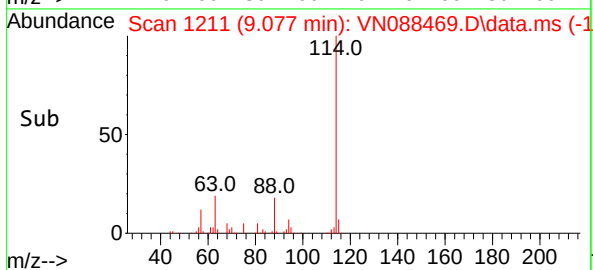
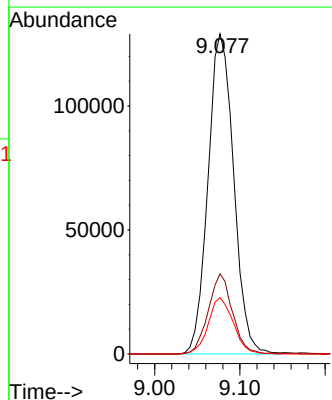
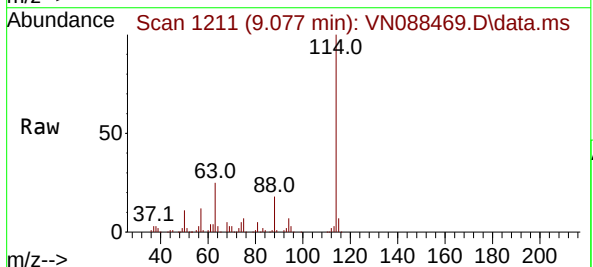
Tgt Ion: 114 Resp: 269767

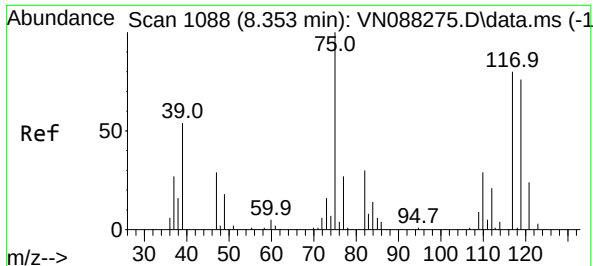
Ion Ratio Lower Upper

114 100

63 23.5 18.9 28.3

88 17.1 12.8 19.2

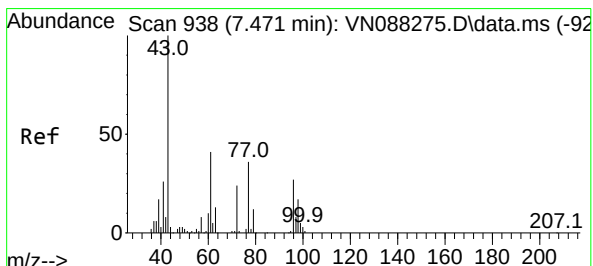
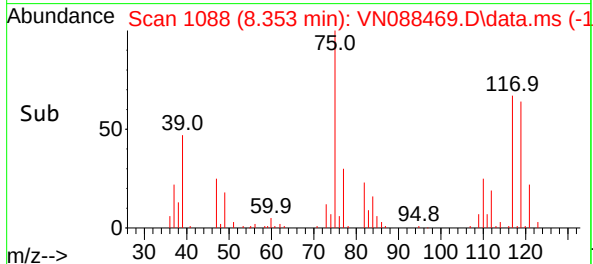
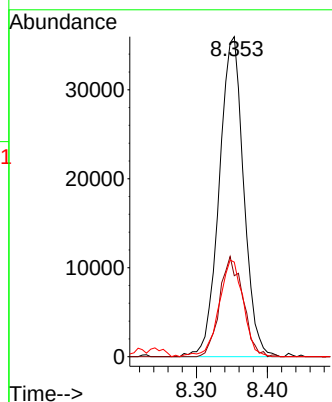
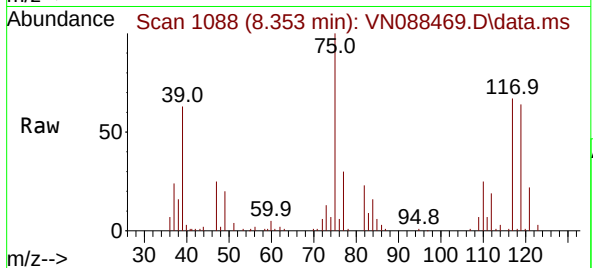




#29
1,1-Dichloropropene
Concen: 19.072 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

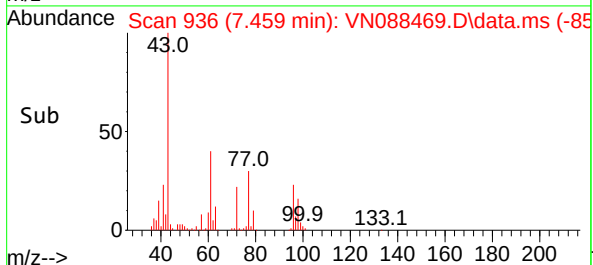
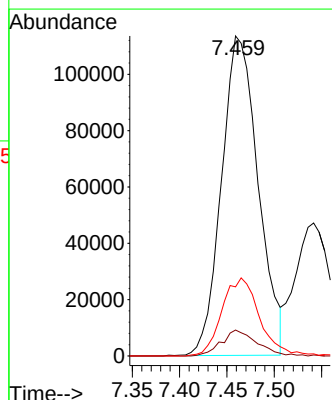
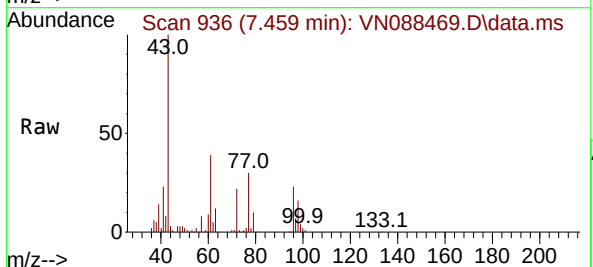
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

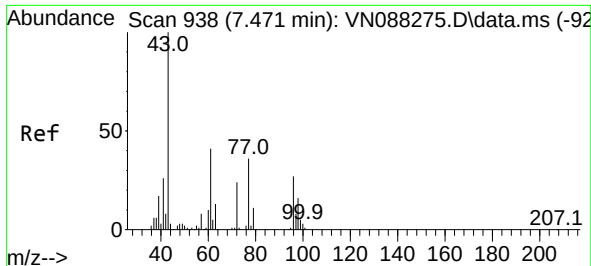
Tgt Ion: 75 Resp: 85847
Ion Ratio Lower Upper
75 100
110 29.8 0.0 65.6
77 29.9 0.0 60.8



#30
2-Butanone
Concen: 105.023 ug/l
RT: 7.459 min Scan# 936
Delta R.T. -0.012 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 43 Resp: 305790
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.4
72 24.6 19.4 29.2

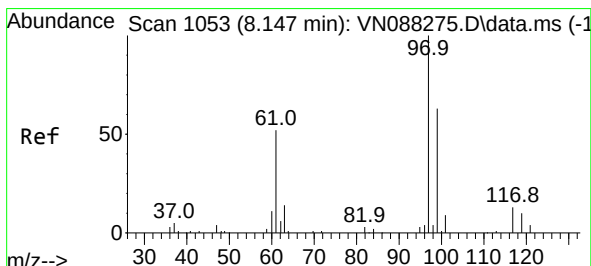
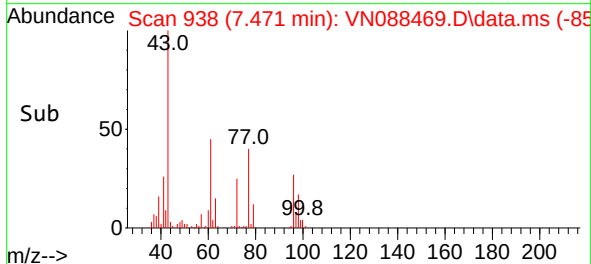
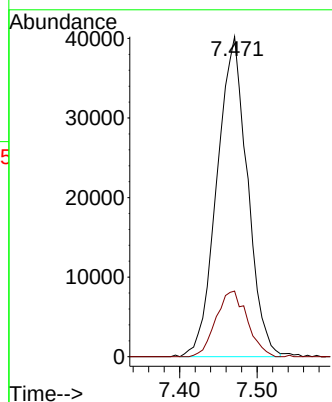
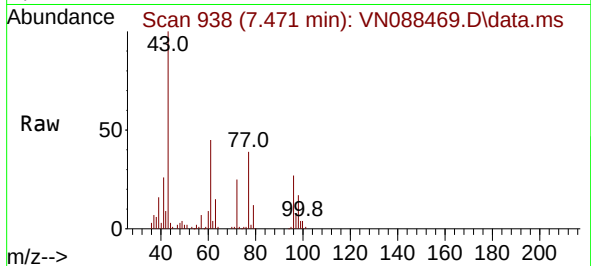




#31
2,2-Dichloropropane
Concen: 19.780 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

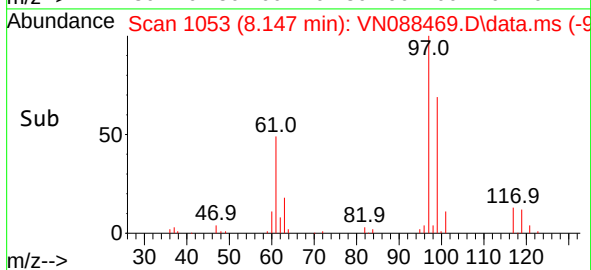
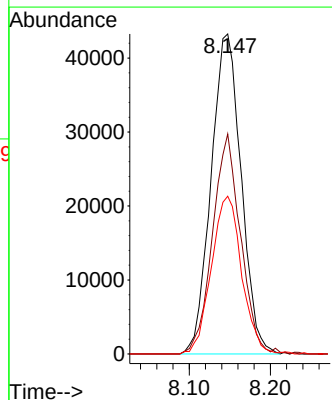
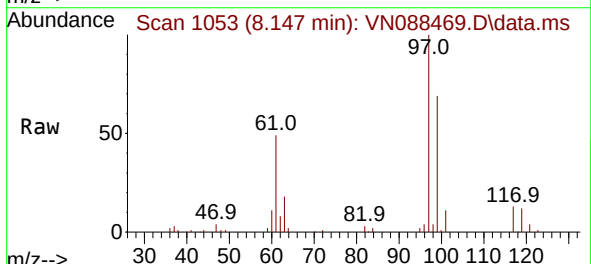
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

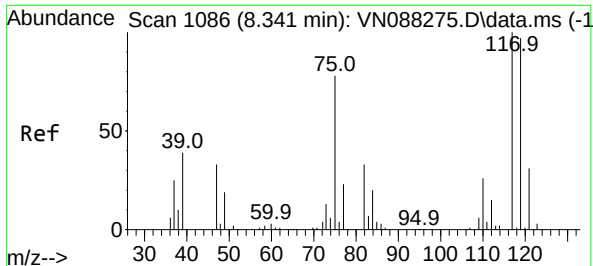
Tgt Ion: 77 Resp: 109815
Ion Ratio Lower Upper
77 100
97 21.1 16.8 25.2



#32
1,1,1-Trichloroethane
Concen: 20.073 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 97 Resp: 111383
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.4
61 49.5 39.8 59.8

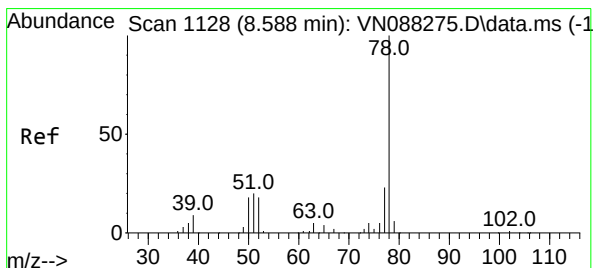
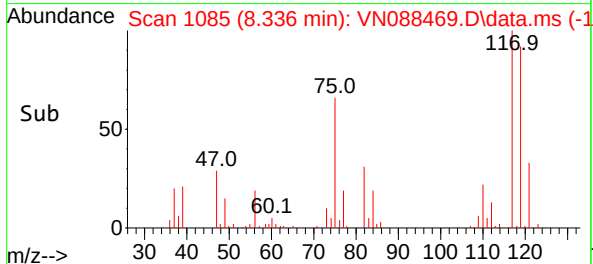
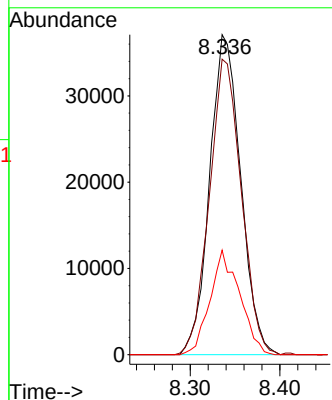
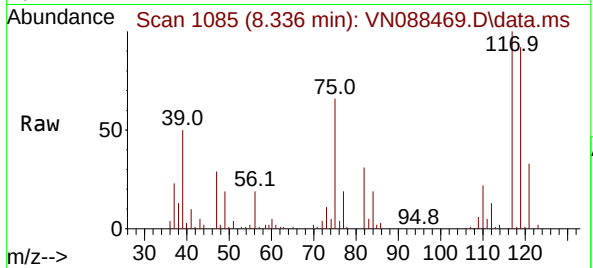




#33
Carbon Tetrachloride
Concen: 18.817 ug/l
RT: 8.336 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

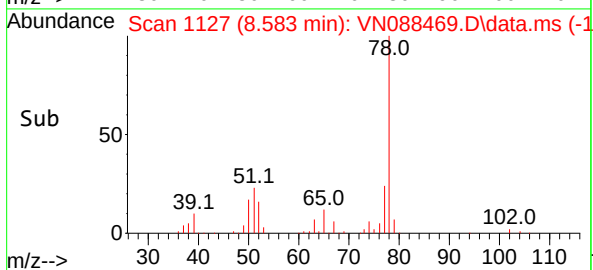
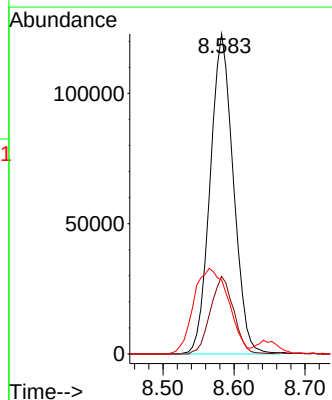
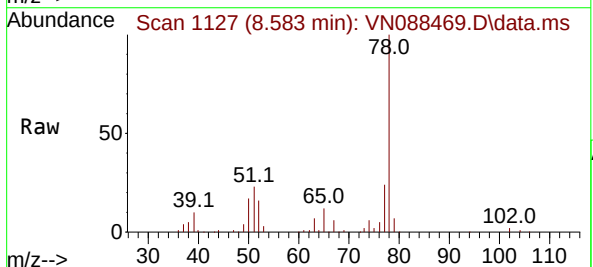
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

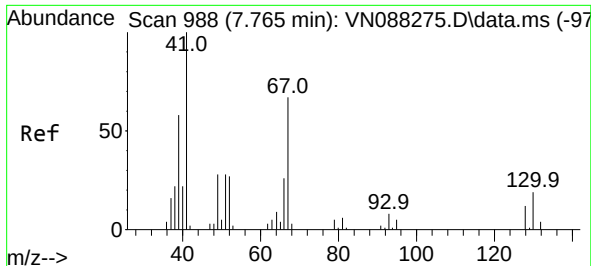
Tgt Ion:117 Resp: 89165
Ion Ratio Lower Upper
117 100
119 92.4 77.8 116.8
121 32.7 24.5 36.7



#34
Benzene
Concen: 20.705 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 78 Resp: 278573
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8
51 21.3 15.8 23.8



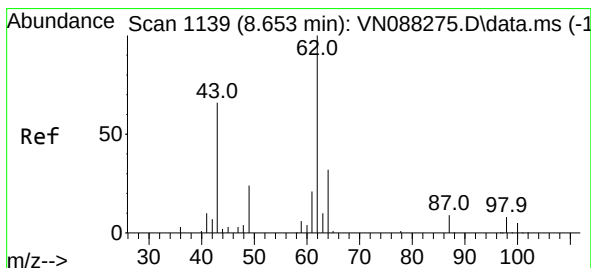
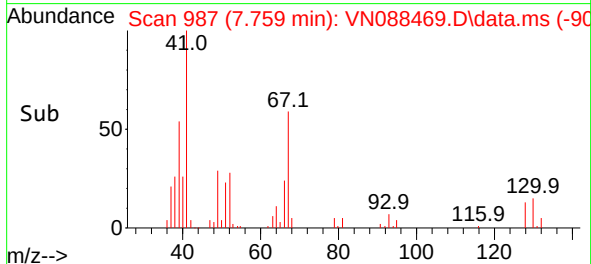
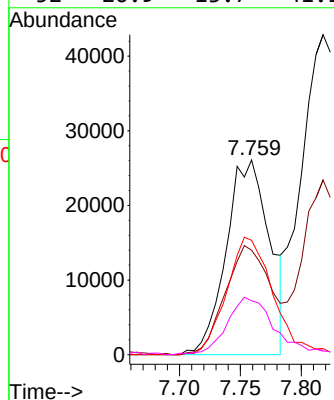
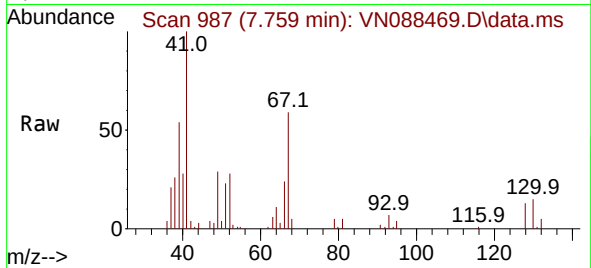


#35
Methacrylonitrile
Concen: 21.354 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 64855

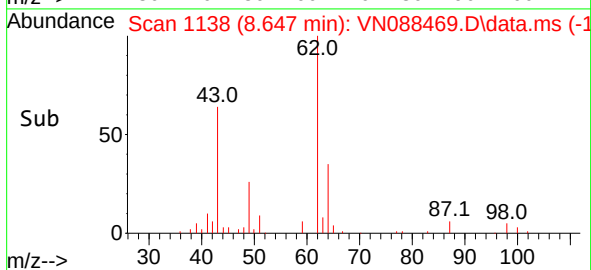
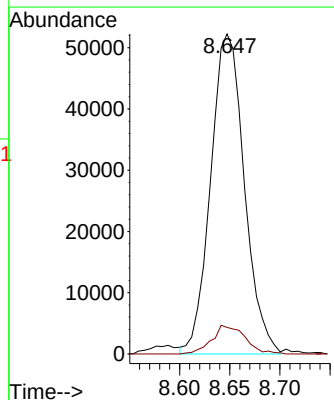
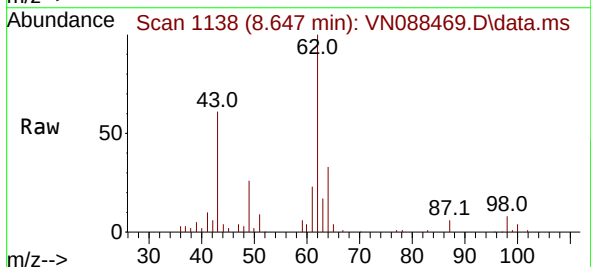
Ion	Ratio	Lower	Upper
41	100		
39	53.7	29.0	87.0
67	58.7	33.3	99.9
52	26.9	13.7	41.1

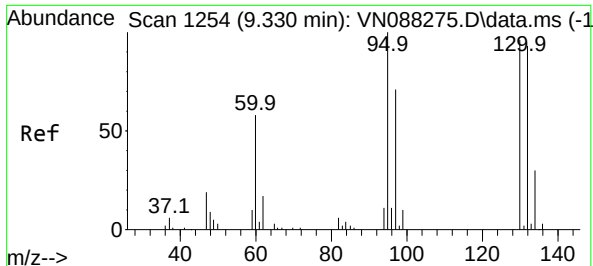


#36
1,2-Dichloroethane
Concen: 23.358 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 62 Resp: 122307

Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.8	10.2

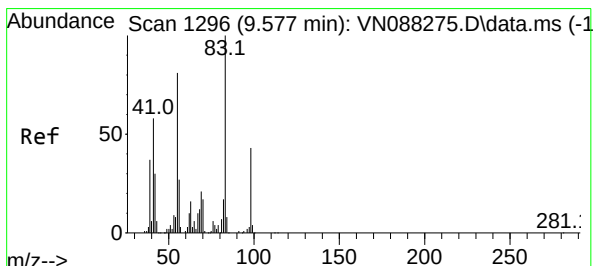
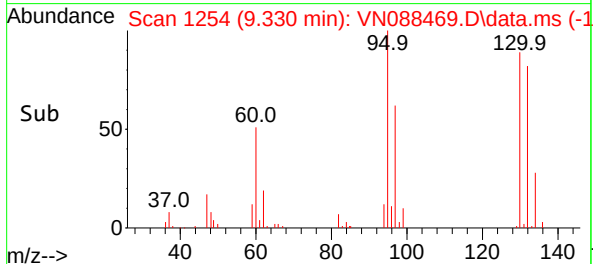
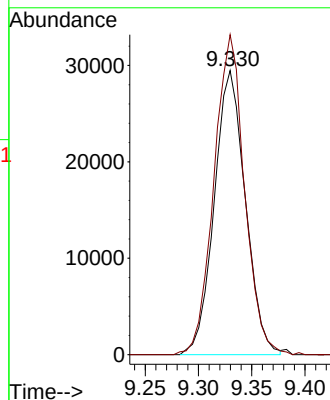
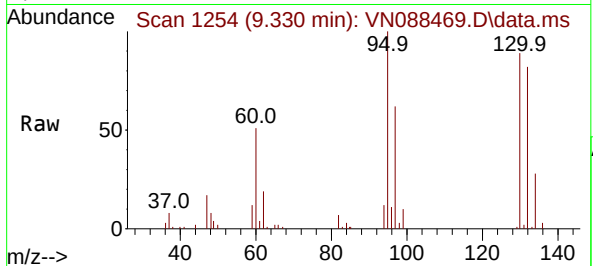




#37
Trichloroethene
Concen: 19.642 ug/l
RT: 9.330 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

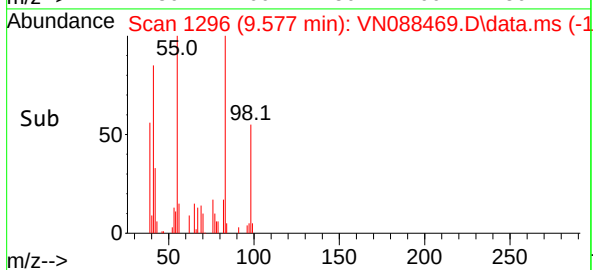
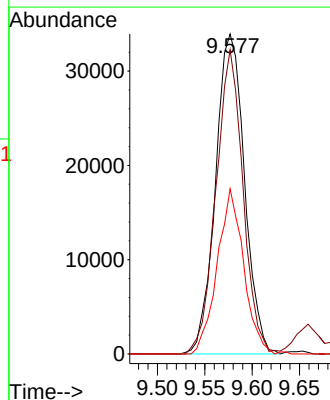
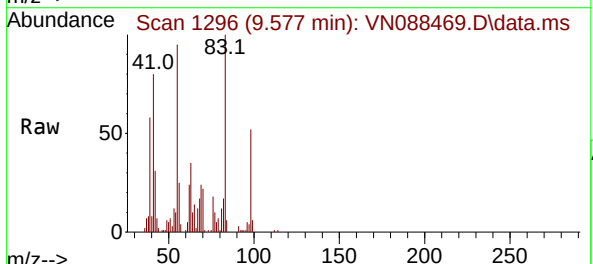
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

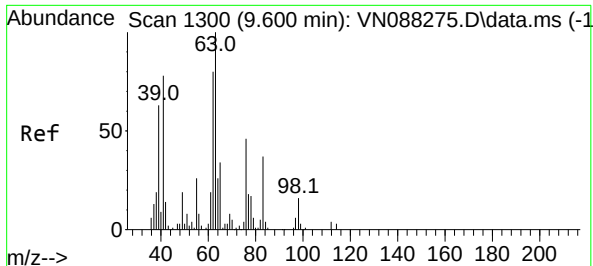
Tgt Ion:130 Resp: 59887
Ion Ratio Lower Upper
130 100
95 111.6 83.7 125.5



#38
Methylcyclohexane
Concen: 14.015 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 83 Resp: 72324
Ion Ratio Lower Upper
83 100
55 88.4 40.8 122.5
98 47.0 23.4 70.3

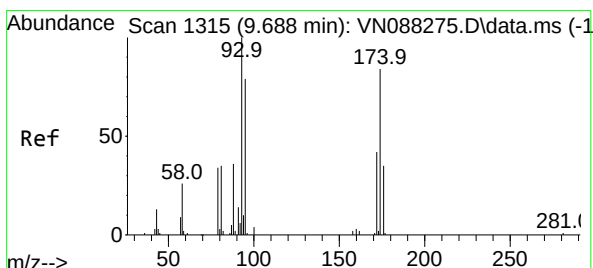
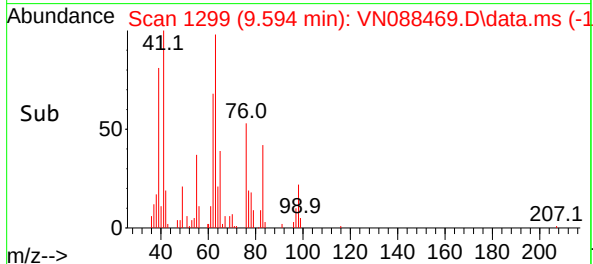
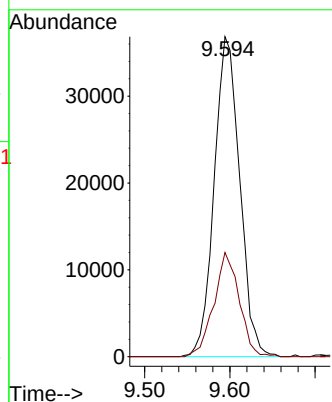
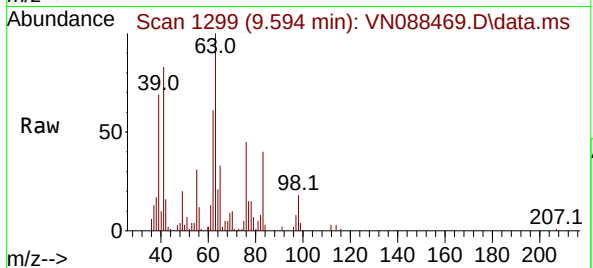




#39
1,2-Dichloropropane
Concen: 22.065 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

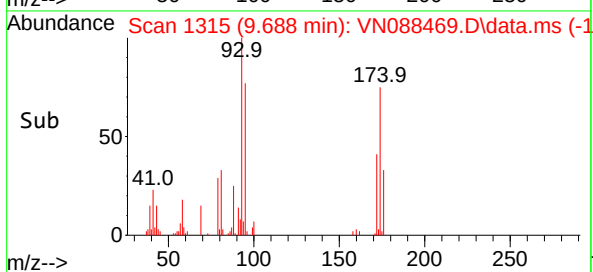
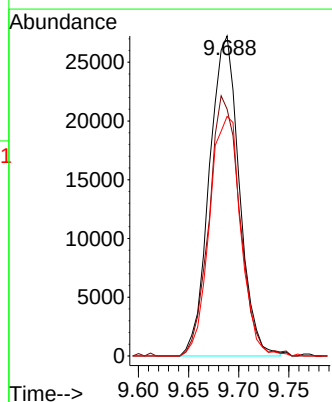
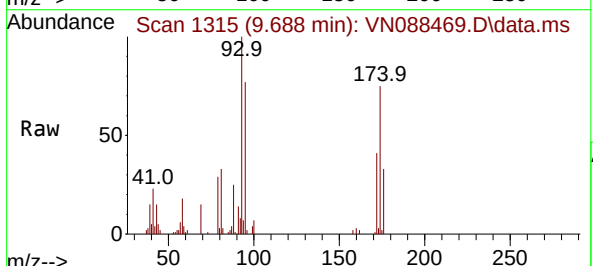
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

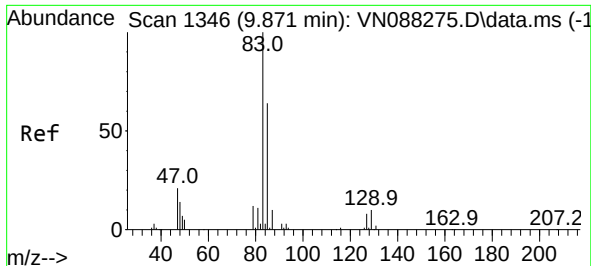
Tgt Ion: 63 Resp: 76591
Ion Ratio Lower Upper
63 100
65 32.6 27.8 41.6



#40
Dibromomethane
Concen: 22.670 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 93 Resp: 56540
Ion Ratio Lower Upper
93 100
95 82.5 0.0 161.6
174 78.2 0.0 158.2

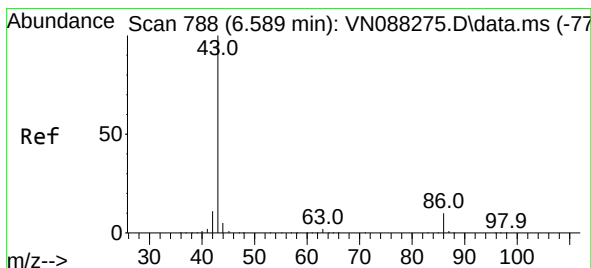
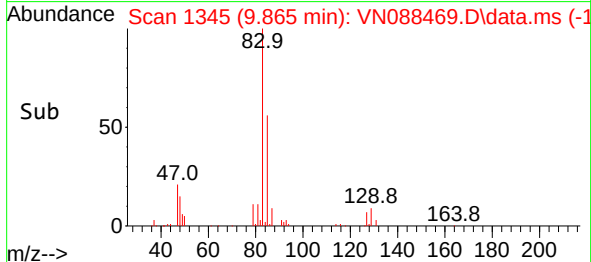
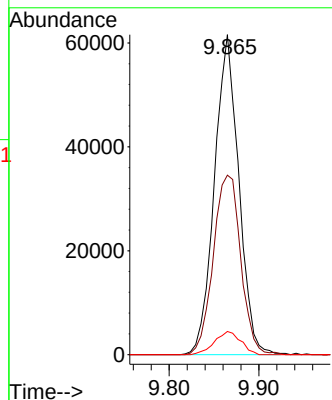
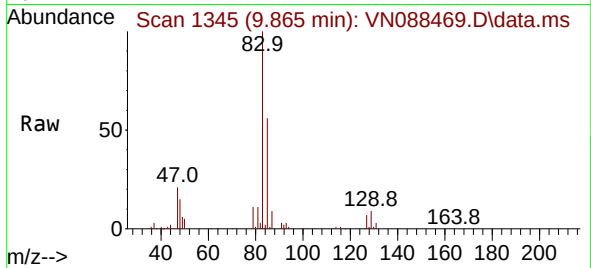




#41
Bromodichloromethane
Concen: 23.106 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

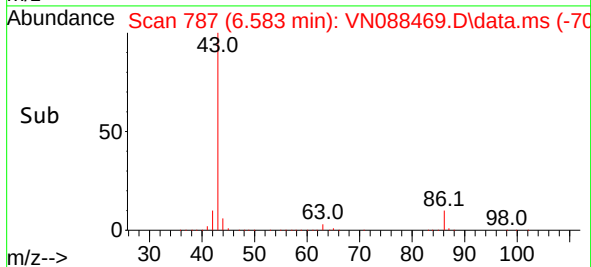
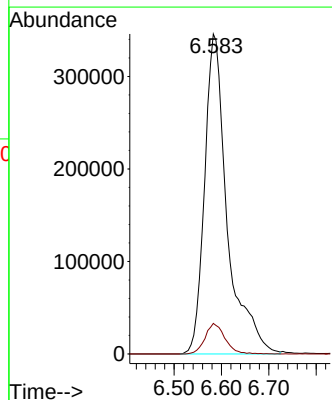
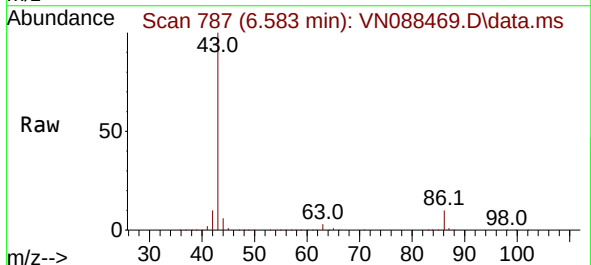
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

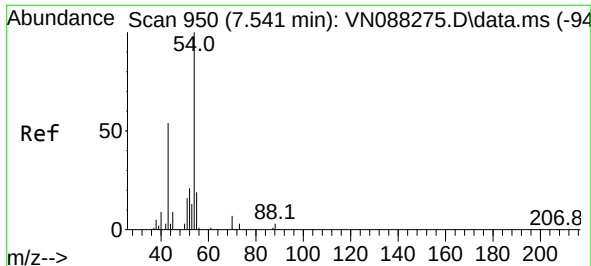
Tgt Ion: 83 Resp: 116007
Ion Ratio Lower Upper
83 100
85 56.1 51.4 77.2
127 7.2 6.4 9.6



#42
Vinyl Acetate
Concen: 118.589 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 43 Resp: 1152446
Ion Ratio Lower Upper
43 100
86 8.3 7.4 11.2

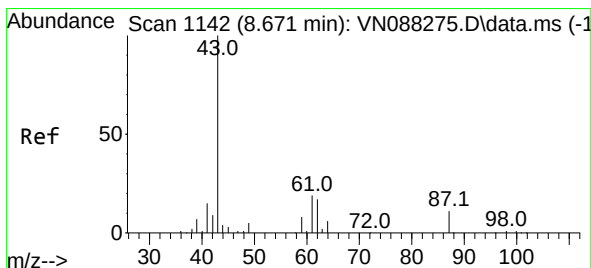
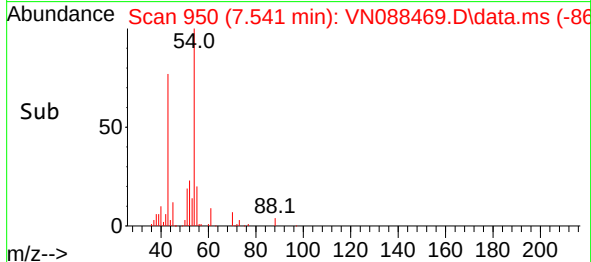
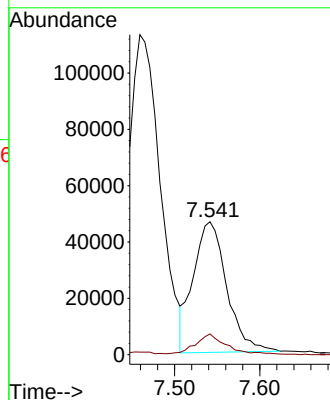
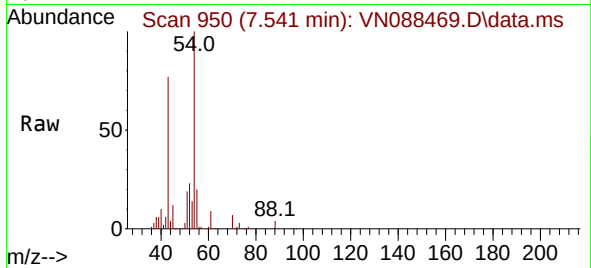




#43
Ethyl Acetate
Concen: 21.606 ug/l
RT: 7.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

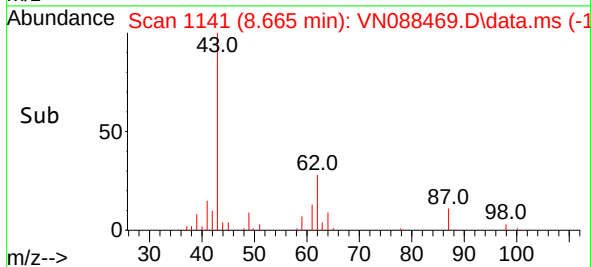
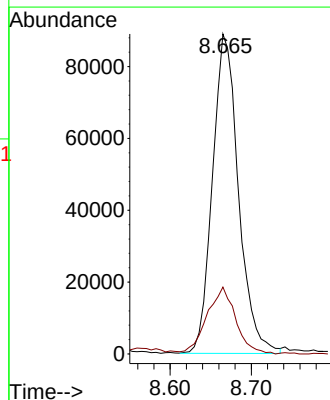
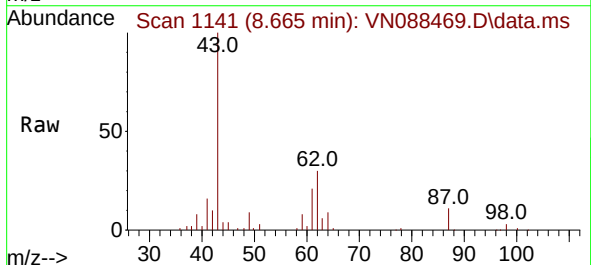
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

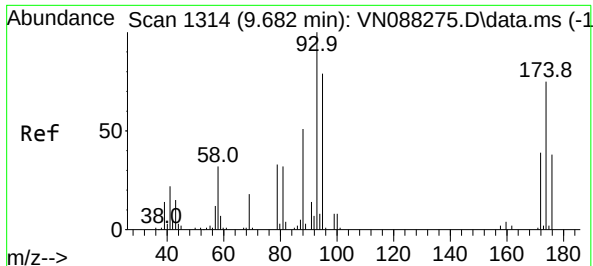
Tgt Ion: 43 Resp: 126576
Ion Ratio Lower Upper
43 100
45 14.1 9.9 14.9



#44
Isopropyl Acetate
Concen: 21.928 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 43 Resp: 197975
Ion Ratio Lower Upper
43 100
61 23.2 19.0 28.6





#45

1,4-Dioxane

Concen: 398.484 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

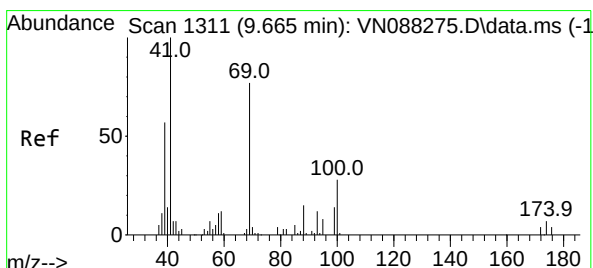
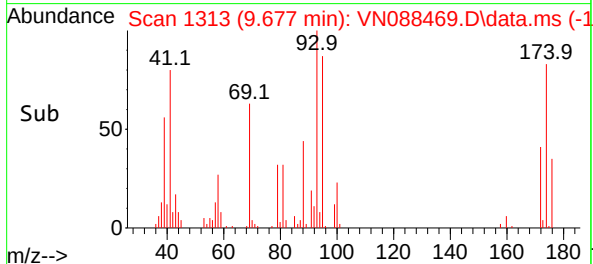
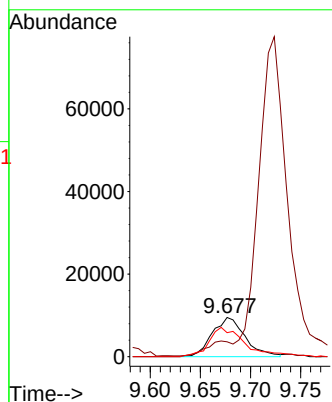
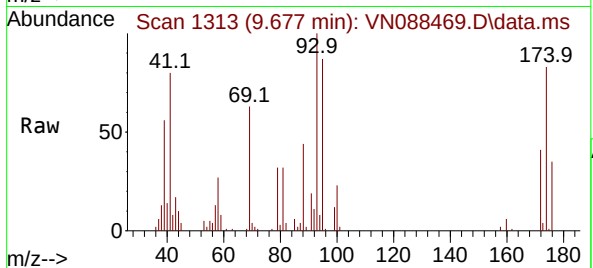
Tgt Ion: 88 Resp: 21665

Ion Ratio Lower Upper

88 100

43 30.0 27.8 41.8

58 81.8 59.5 89.3



#46

Methyl methacrylate

Concen: 19.999 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

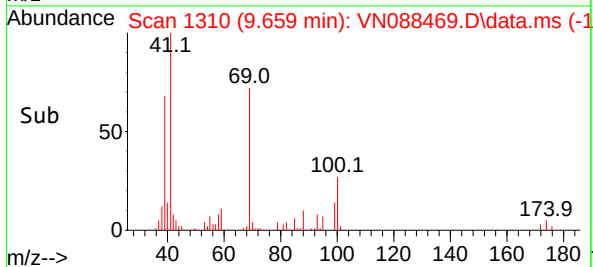
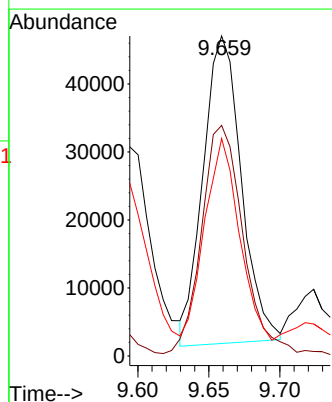
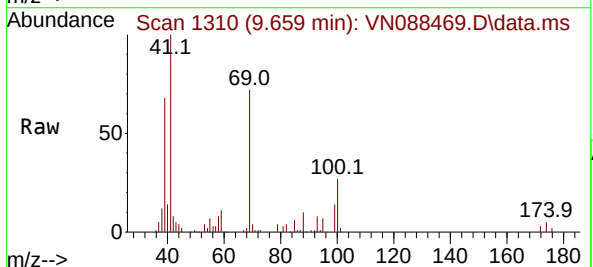
Tgt Ion: 41 Resp: 84490

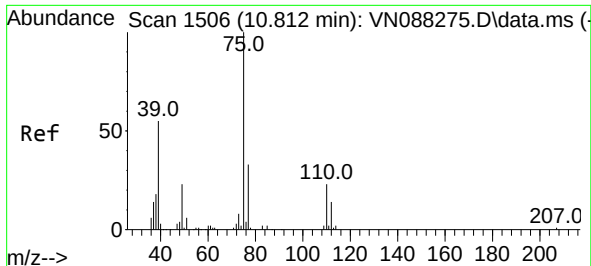
Ion Ratio Lower Upper

41 100

69 72.7 38.5 115.3

39 66.3 29.0 87.1

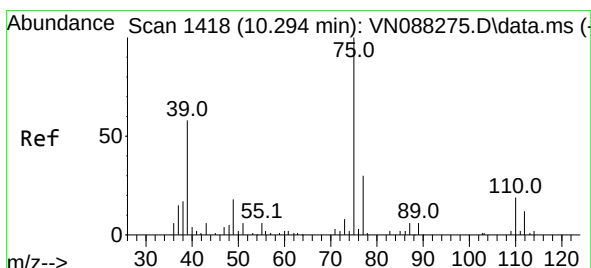
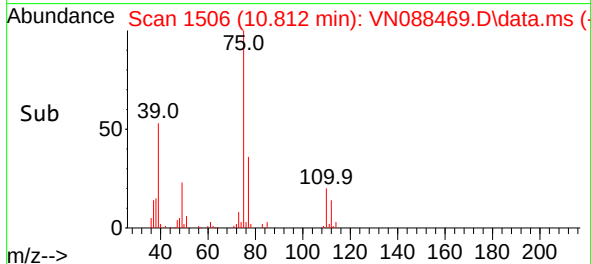
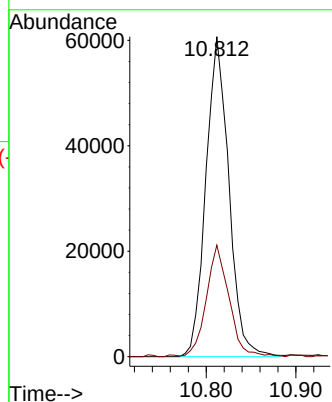
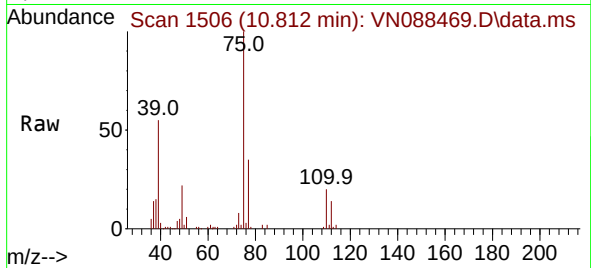




#48
t-1,3-Dichloropropene
Concen: 20.091 ug/l
RT: 10.812 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

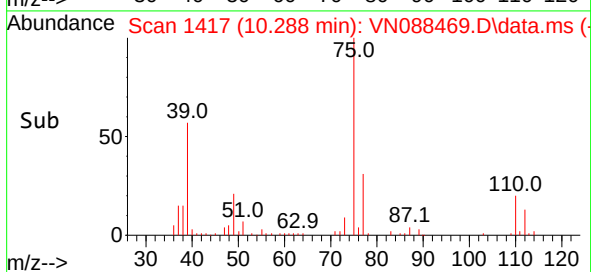
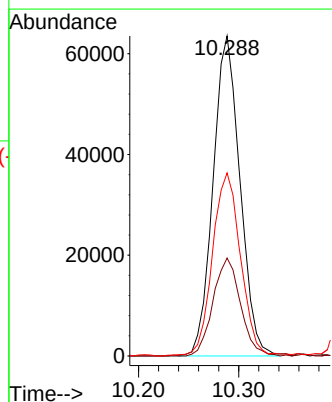
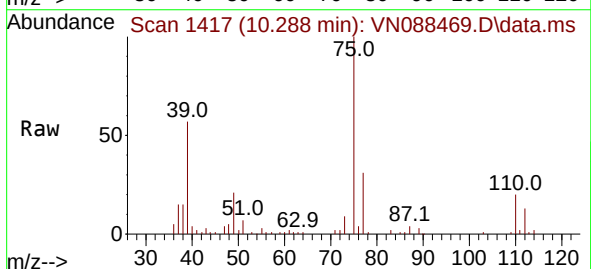
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

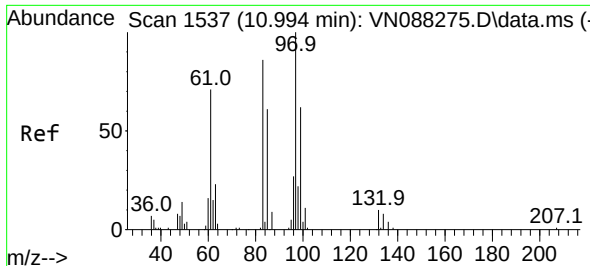
Tgt Ion: 75 Resp: 107886
Ion Ratio Lower Upper
75 100
77 34.6 26.1 39.1



#49
cis-1,3-Dichloropropene
Concen: 21.211 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 75 Resp: 118513
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6
39 56.8 46.1 69.1

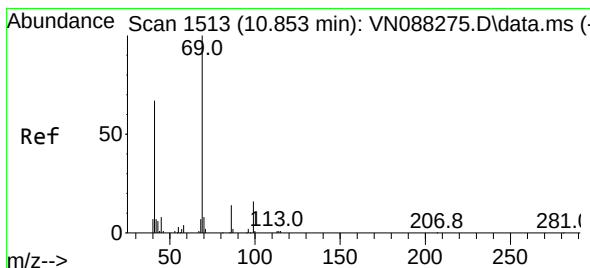
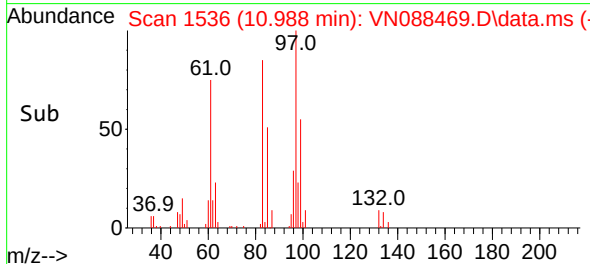
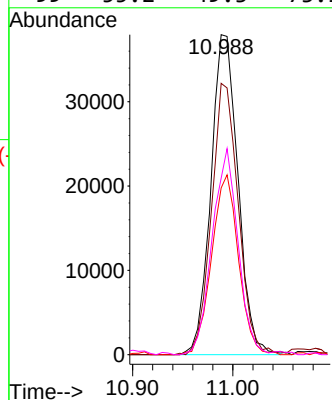
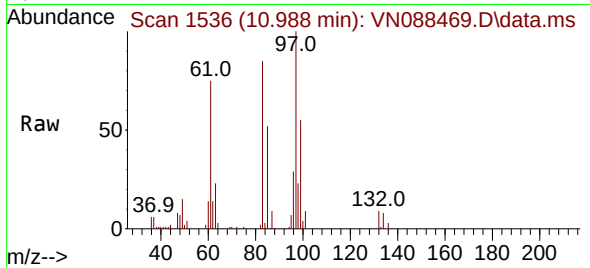




#50
1,1,2-Trichloroethane
Concen: 23.102 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

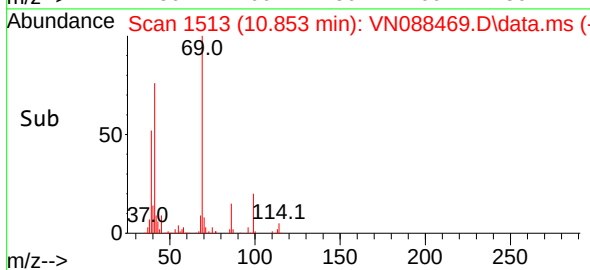
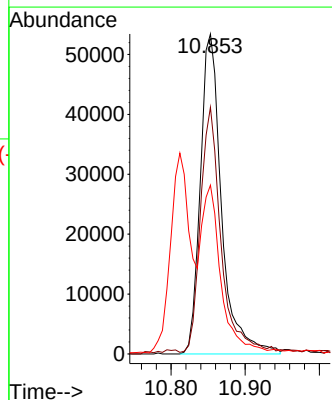
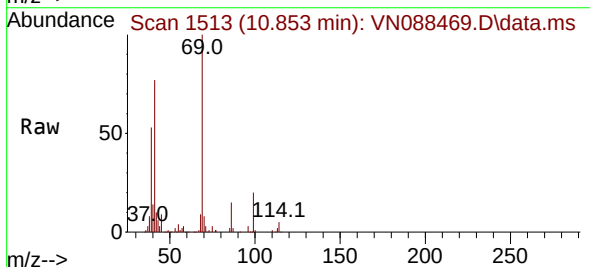
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

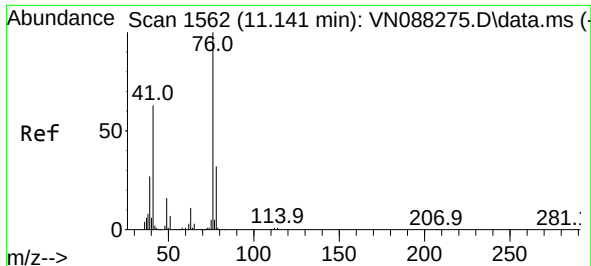
Tgt Ion:	97	Resp:	71245
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.6	102.8
85	52.1	49.0	73.6
99	55.2	49.3	73.9



#51
Ethyl methacrylate
Concen: 20.954 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:	69	Resp:	106318
Ion	Ratio	Lower	Upper
69	100		
41	76.6	33.6	100.8
39	51.7	23.4	70.2





#52

1,3-Dichloropropane

Concen: 22.266 ug/l

RT: 11.135 min Scan# 1561

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

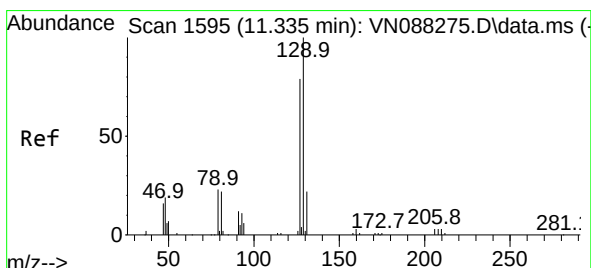
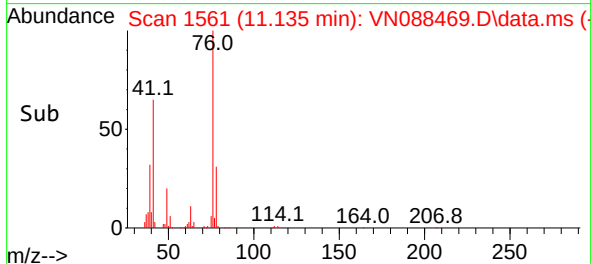
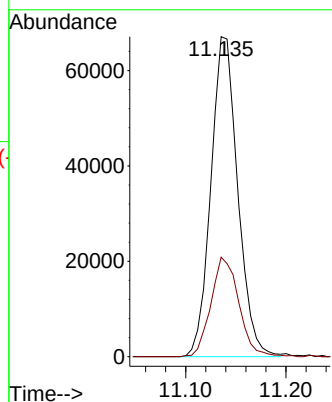
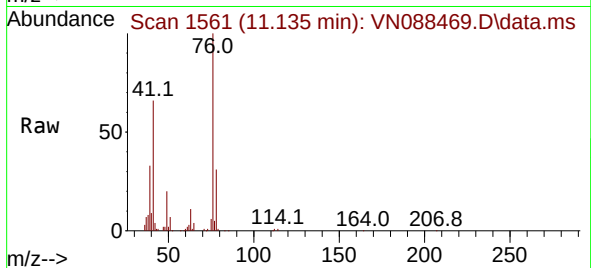
VSTDCCC020EC

Tgt Ion: 76 Resp: 125052

Ion Ratio Lower Upper

76 100

78 32.3 0.0 64.2



#53

Dibromochloromethane

Concen: 22.041 ug/l

RT: 11.335 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VN088469.D

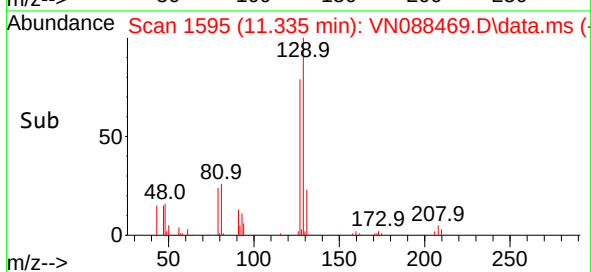
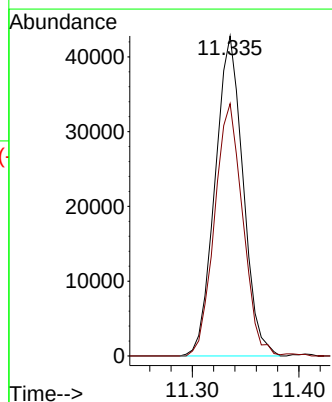
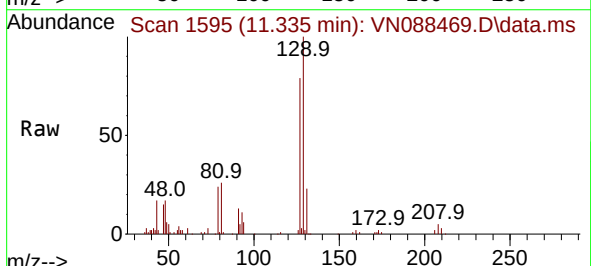
Acq: 05 Dec 2025 14:55

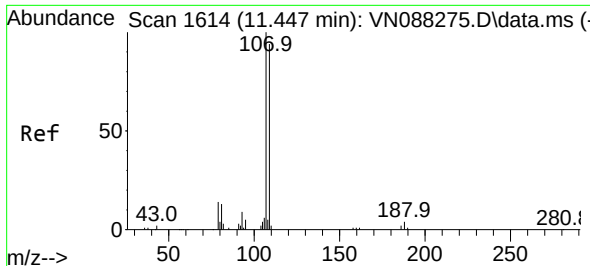
Tgt Ion: 129 Resp: 78077

Ion Ratio Lower Upper

129 100

127 79.3 38.2 114.6

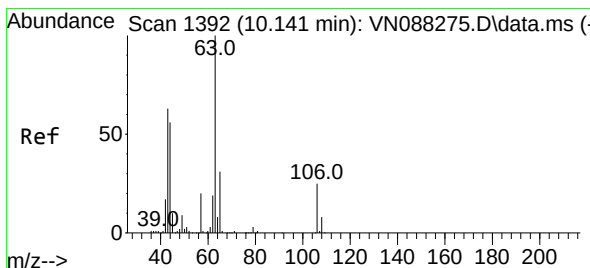
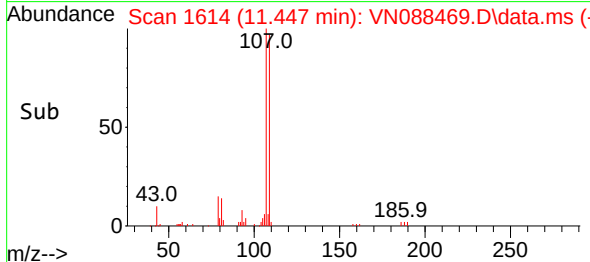
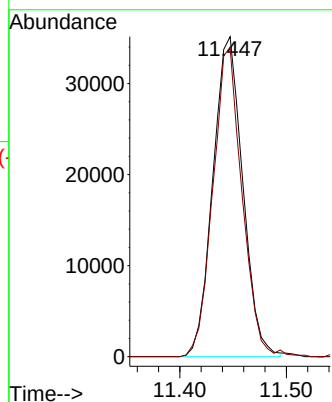
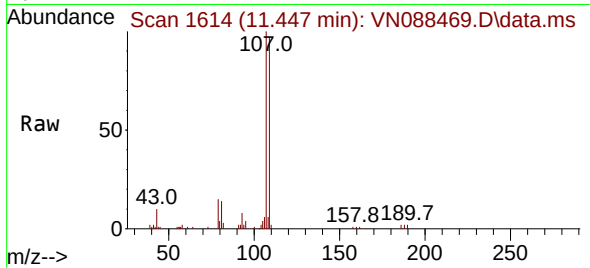




#54
1,2-Dibromoethane
Concen: 21.326 ug/l
RT: 11.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

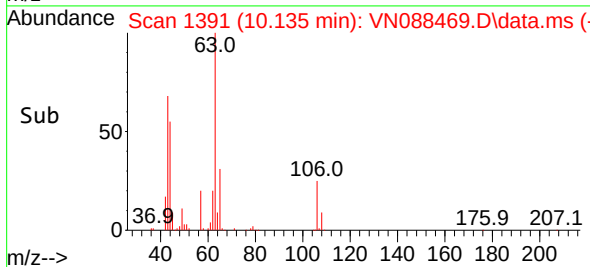
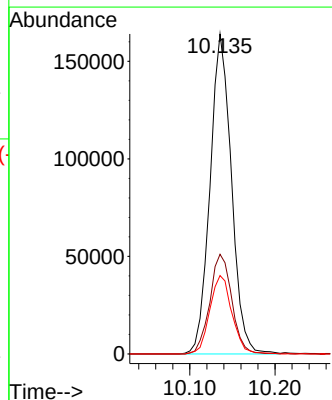
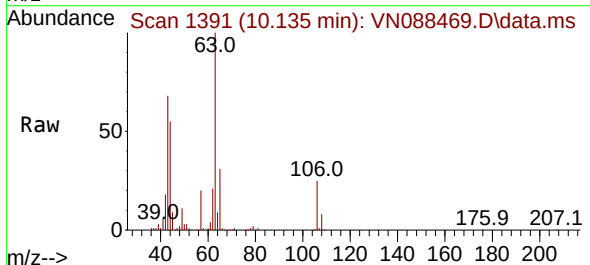
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

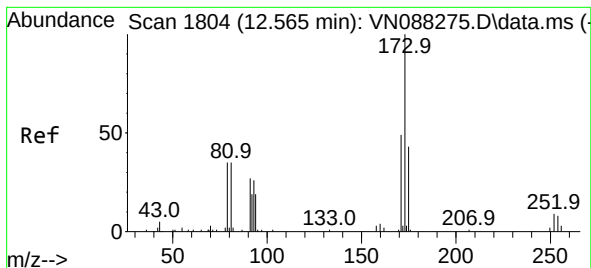
Tgt Ion:107 Resp: 68333
Ion Ratio Lower Upper
107 100
109 93.5 76.6 115.0



#55
2-Chloroethyl vinyl ether
Concen: 97.998 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 63 Resp: 286420
Ion Ratio Lower Upper
63 100
65 32.0 24.9 37.3
106 25.3 20.3 30.5





#56

Bromoform

Concen: 21.050 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

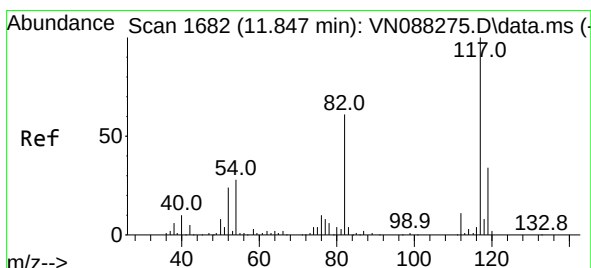
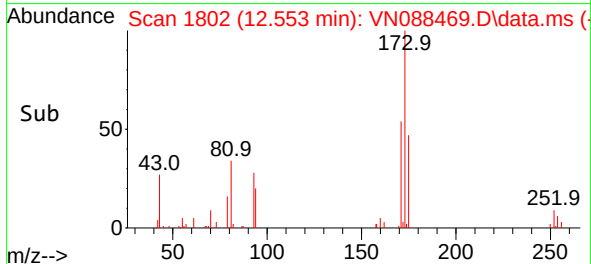
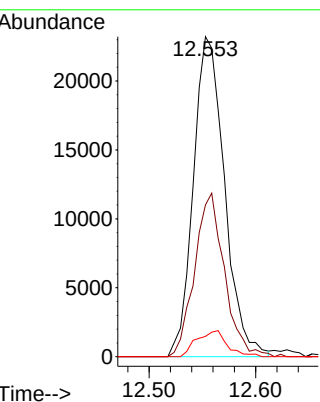
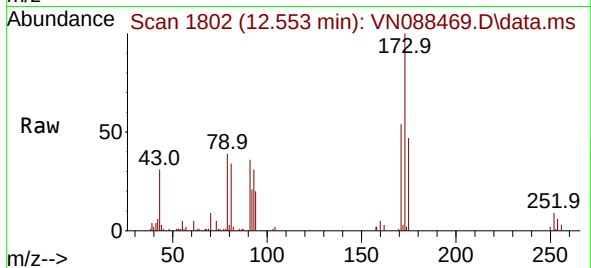
Tgt Ion:173 Resp: 47196

Ion Ratio Lower Upper

173 100

175 48.0 37.7 56.5

254 7.8 5.9 8.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.841 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

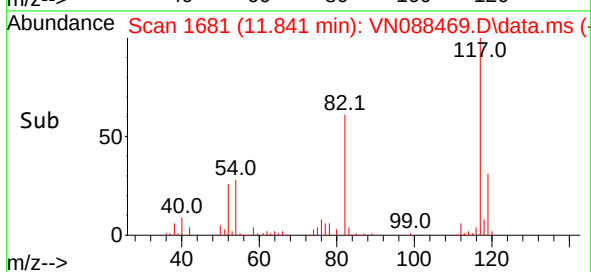
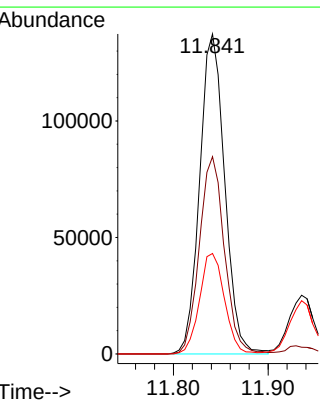
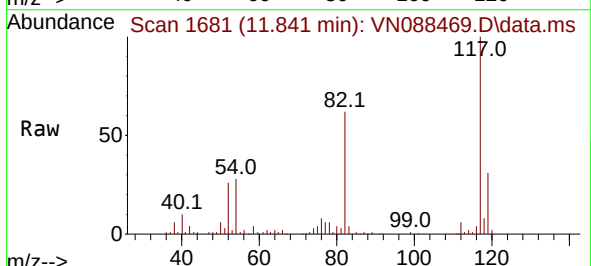
Tgt Ion:117 Resp: 251888

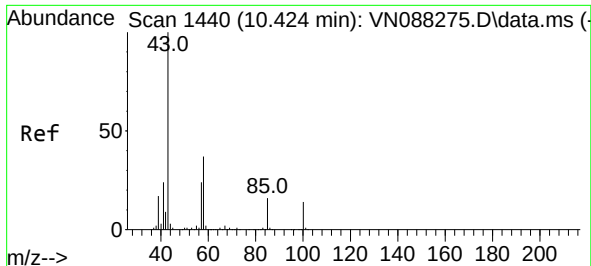
Ion Ratio Lower Upper

117 100

82 61.8 49.3 73.9

119 31.3 26.4 39.6

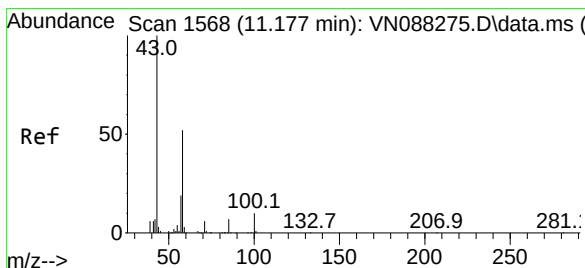
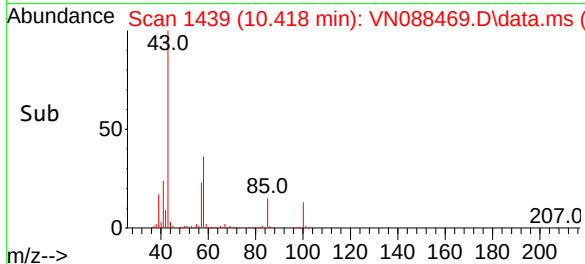
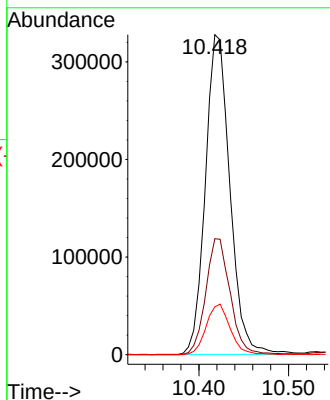
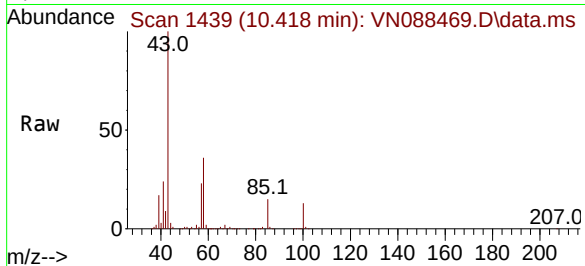




#58
4-Methyl-2-Pentanone
Concen: 108.787 ug/l
RT: 10.418 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

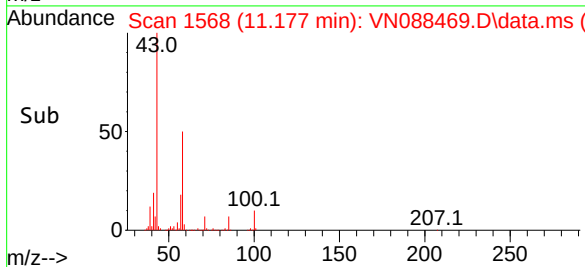
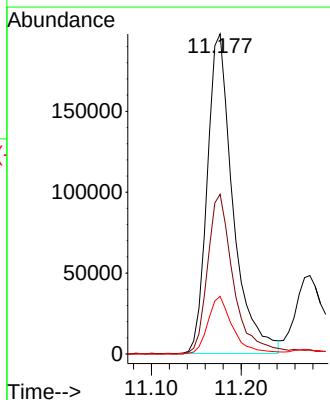
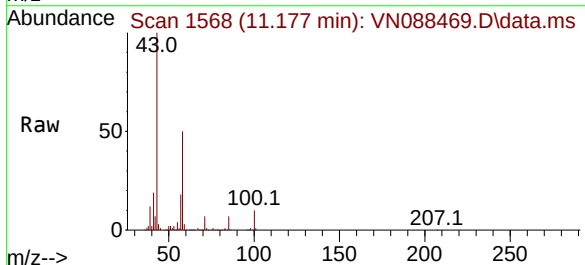
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

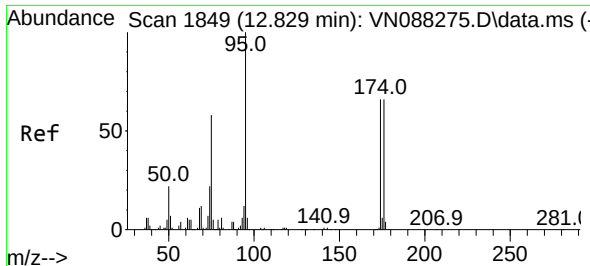
Tgt Ion:	43	Resp:	619769
Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.2	43.8
85	15.5	12.6	19.0



#59
2-Hexanone
Concen: 104.116 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:	43	Resp:	393874
Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.0	61.4
57	17.5	14.4	21.6

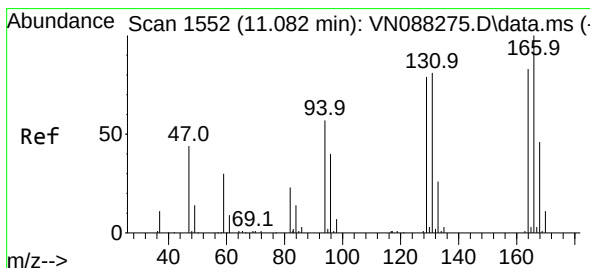
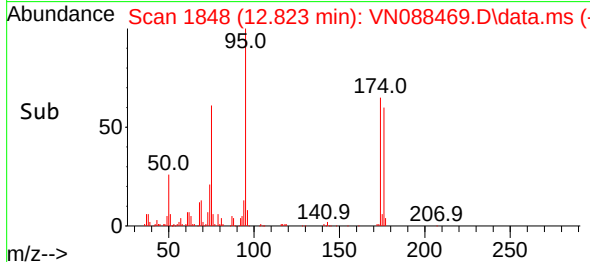
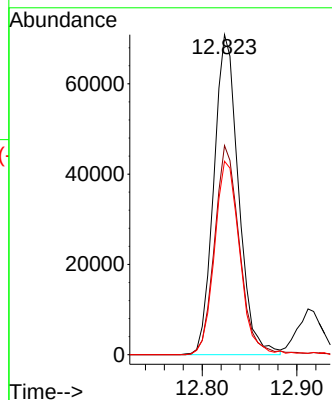
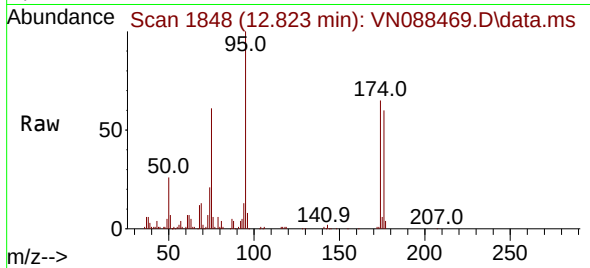




#60
4-Bromofluorobenzene
Concen: 30.133 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

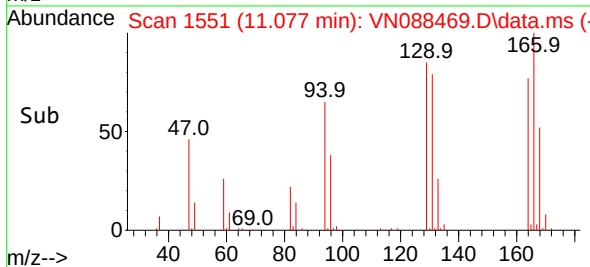
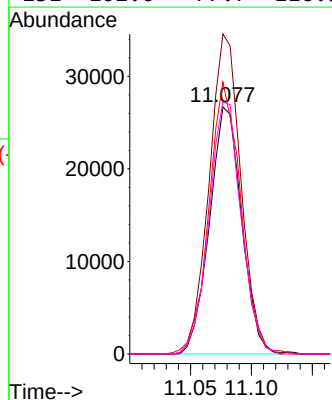
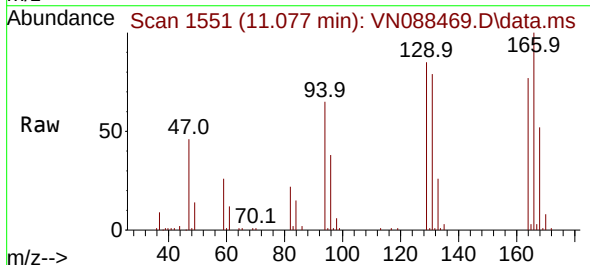
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

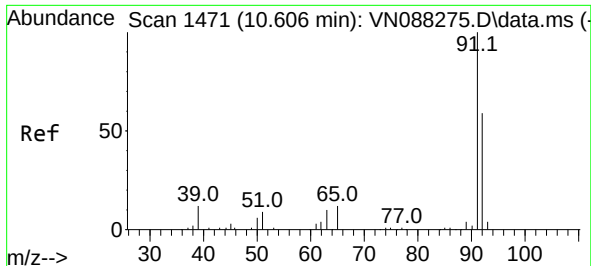
Tgt Ion: 95 Resp: 128308
Ion Ratio Lower Upper
95 100
174 65.7 54.5 81.7
176 61.4 53.8 80.6



#61
Tetrachloroethene
Concen: 18.774 ug/l
RT: 11.077 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:164 Resp: 48757
Ion Ratio Lower Upper
164 100
166 129.0 96.3 144.5
129 108.8 76.2 114.2
131 102.0 77.7 116.5

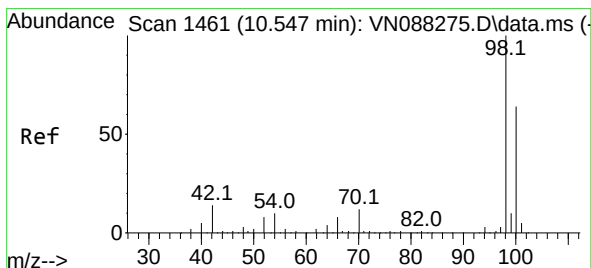
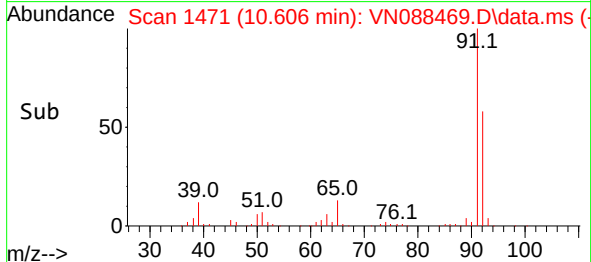
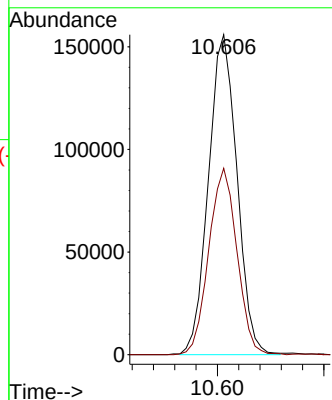
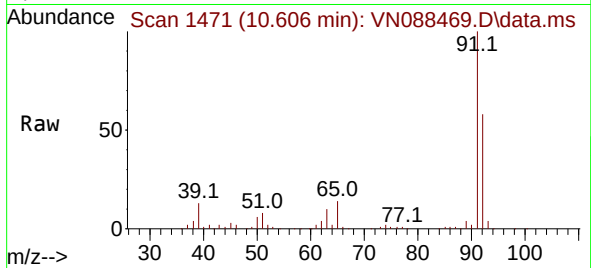




#62
Toluene
Concen: 20.044 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

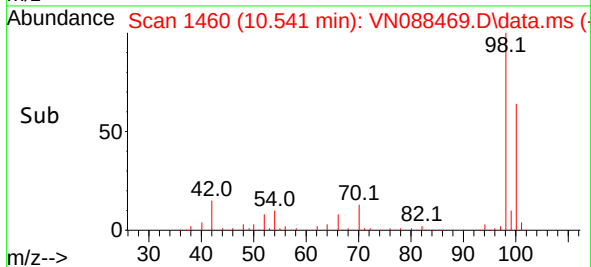
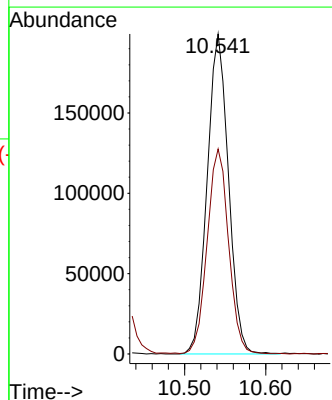
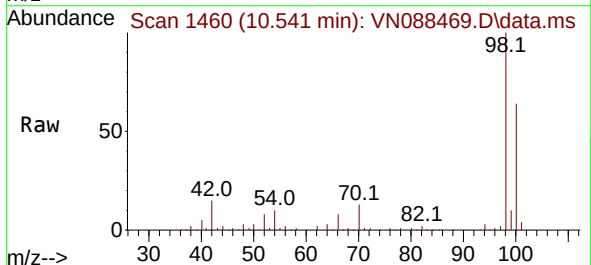
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

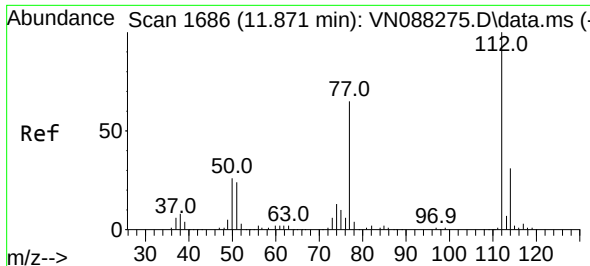
Tgt Ion: 91 Resp: 289732
Ion Ratio Lower Upper
91 100
92 57.5 46.7 70.1



#63
Toluene-d8
Concen: 30.378 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 98 Resp: 362266
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

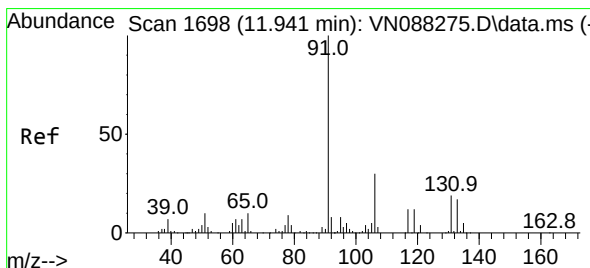
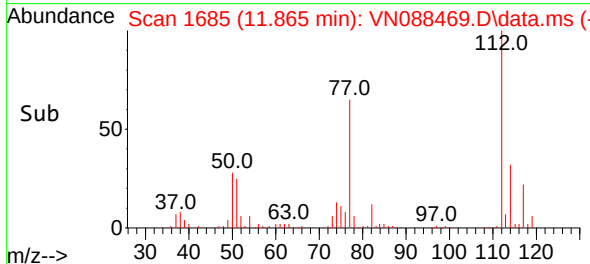
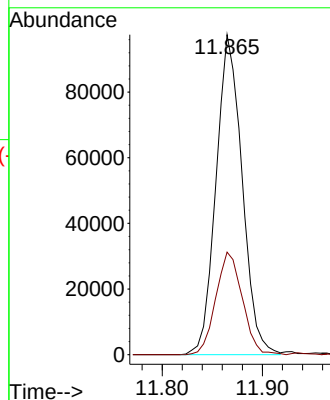
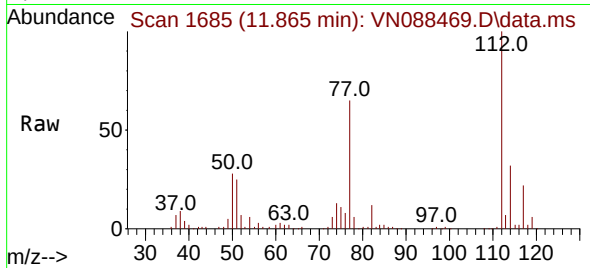




#64
Chlorobenzene
Concen: 19.648 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

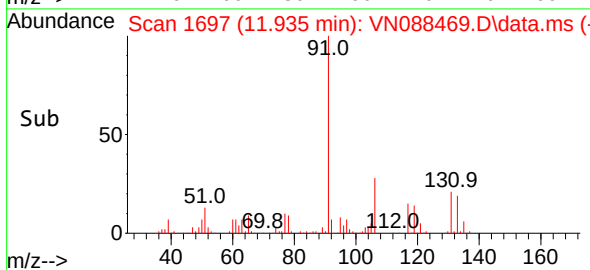
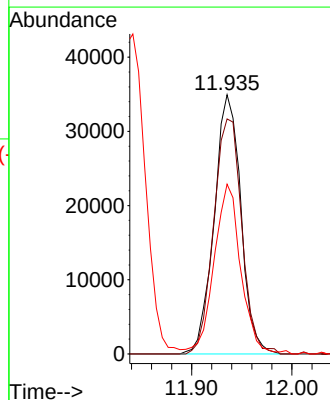
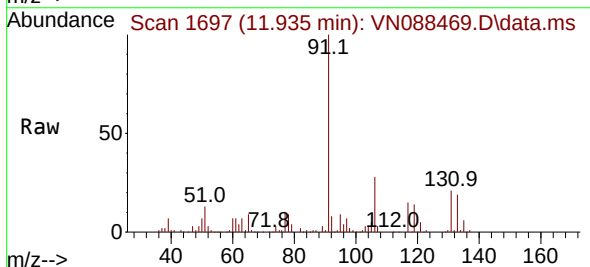
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

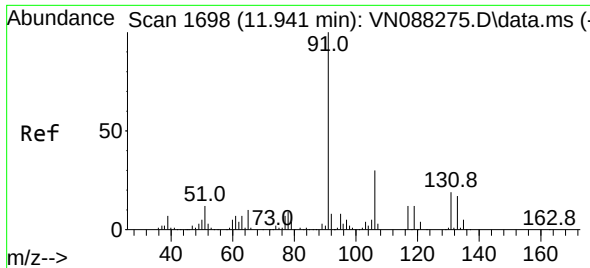
Tgt Ion:112 Resp: 175898
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#65
1,1,1,2-Tetrachloroethane
Concen: 21.055 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:131 Resp: 64515
Ion Ratio Lower Upper
131 100
133 95.2 0.0 181.4
119 65.6 0.0 135.0

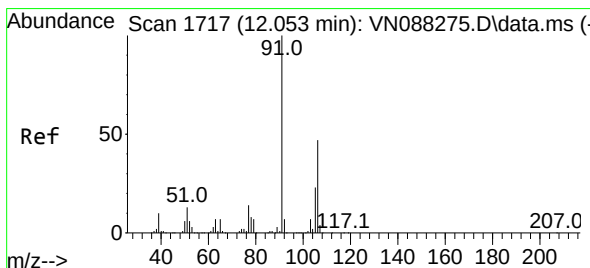
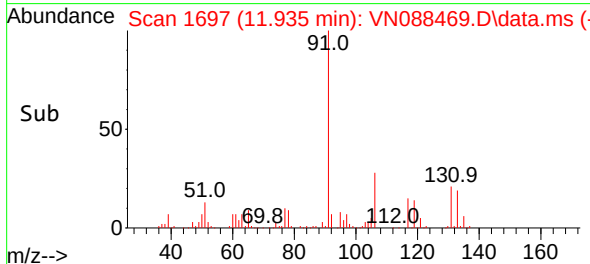
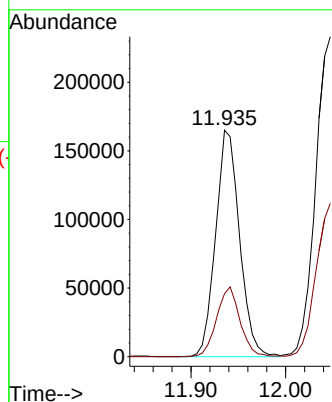
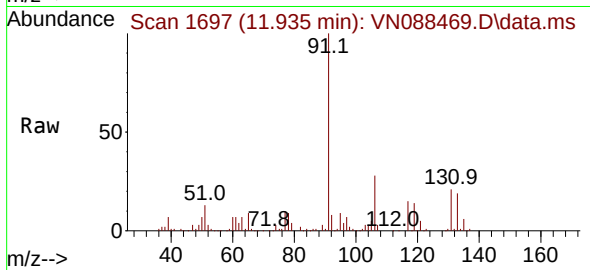




#66
Ethyl Benzene
Concen: 18.197 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

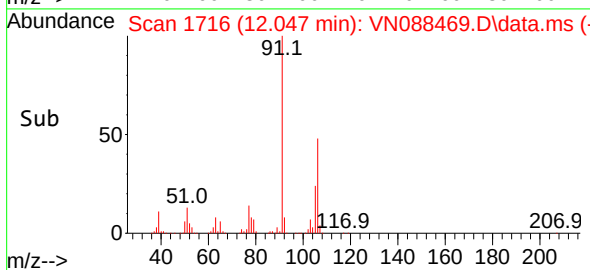
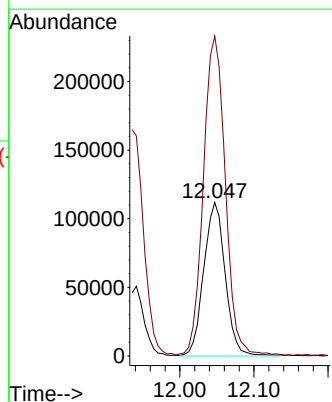
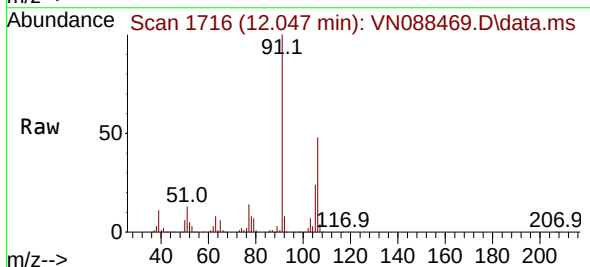
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

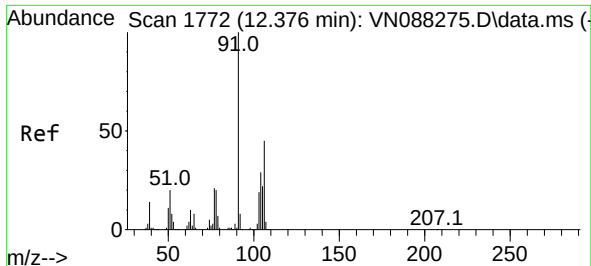
Tgt Ion: 91 Resp: 289900
Ion Ratio Lower Upper
91 100
106 27.9 24.4 36.6



#67
m/p-Xylenes
Concen: 37.761 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:106 Resp: 224970
Ion Ratio Lower Upper
106 100
91 209.8 168.3 252.5

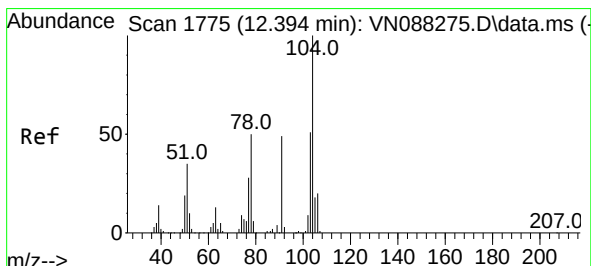
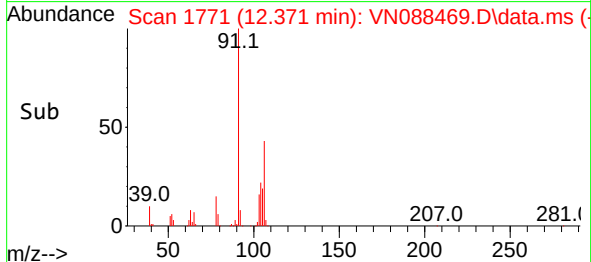
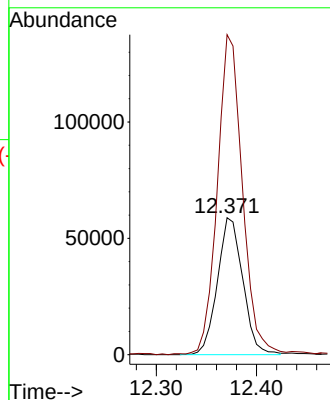
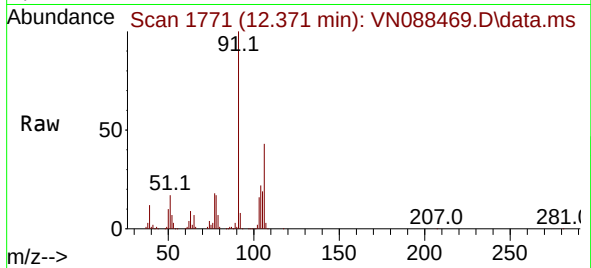




#68
o-Xylene
Concen: 18.420 ug/l
RT: 12.371 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

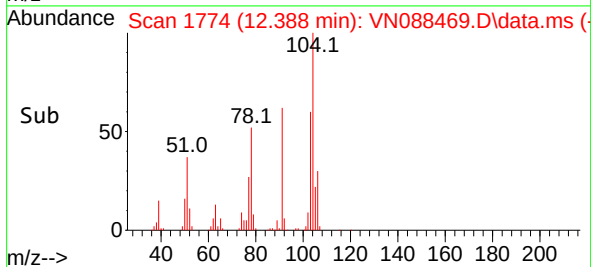
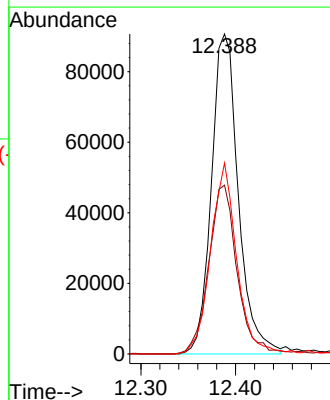
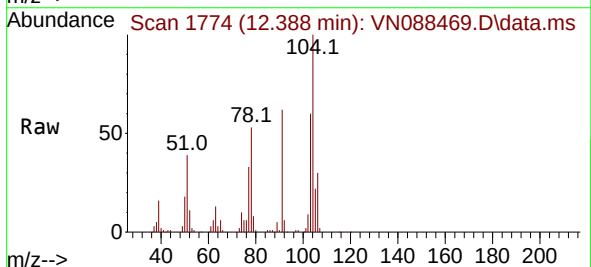
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

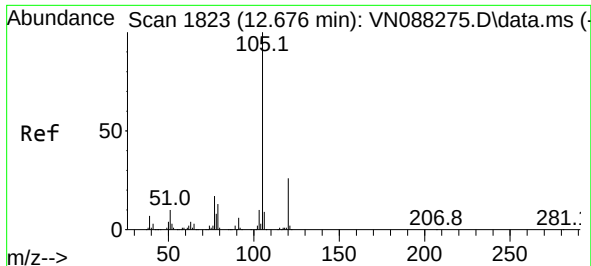
Tgt Ion:106 Resp: 103521
Ion Ratio Lower Upper
106 100
91 228.3 114.0 342.0



#69
Styrene
Concen: 18.783 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:104 Resp: 179294
Ion Ratio Lower Upper
104 100
78 54.9 43.8 65.8
103 57.8 44.8 67.2

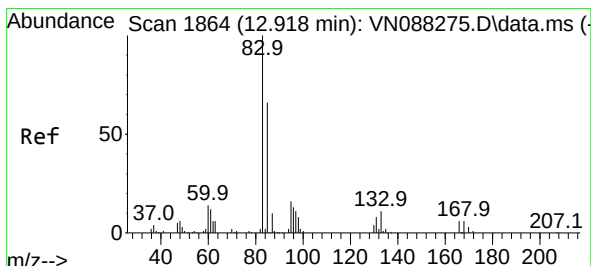
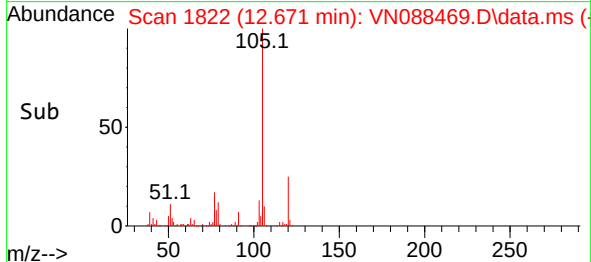
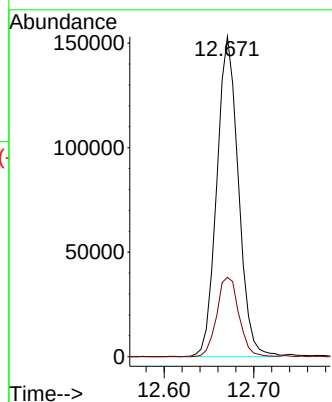
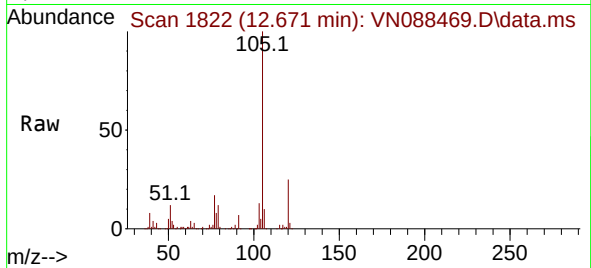




#70
Isopropylbenzene
Concen: 17.212 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

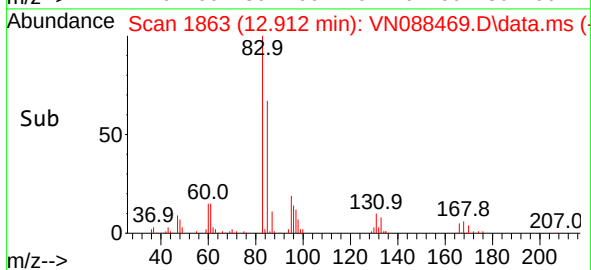
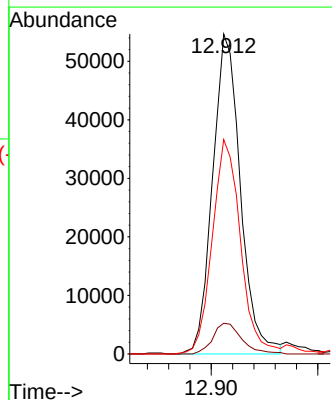
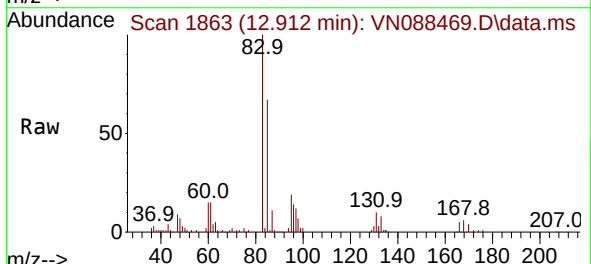
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

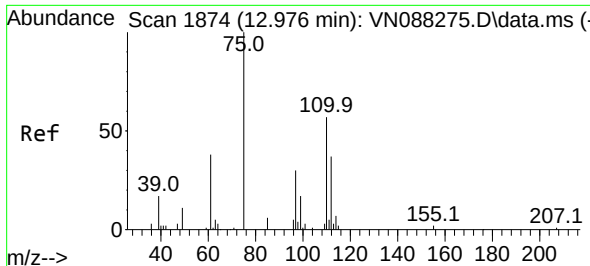
Tgt Ion:105 Resp: 256357
Ion Ratio Lower Upper
105 100
120 25.4 18.2 33.8



#71
1,1,2,2-Tetrachloroethane
Concen: 20.533 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 83 Resp: 99065
Ion Ratio Lower Upper
83 100
131 10.0 4.3 12.9
85 67.7 32.4 97.2

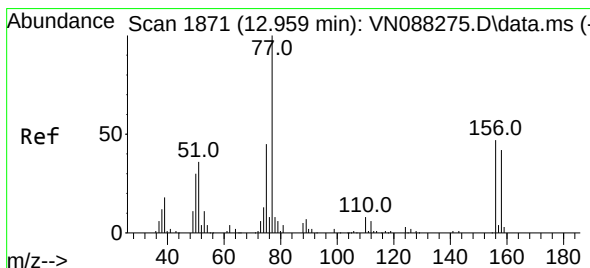
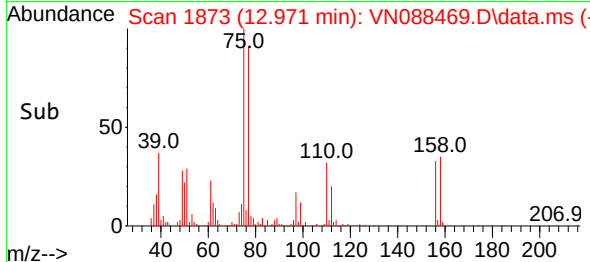
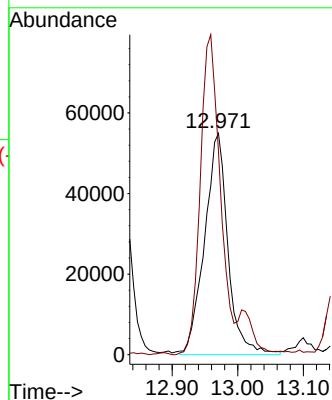
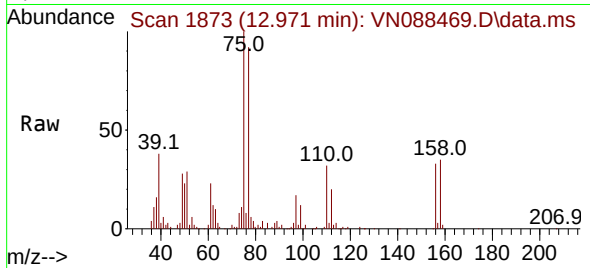




#72
1,2,3-Trichloropropane
Concen: 29.131 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

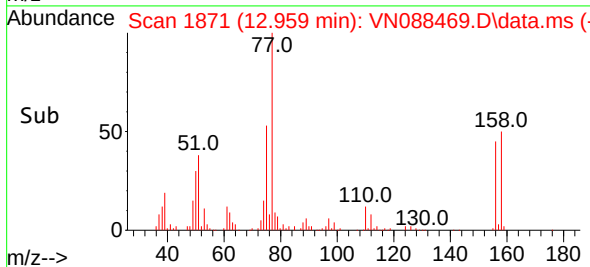
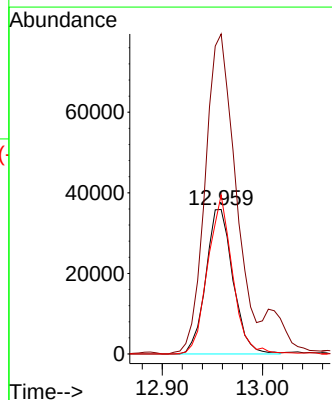
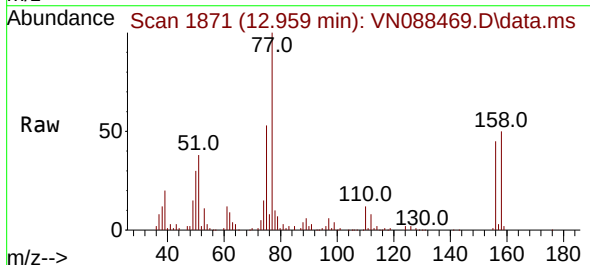
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

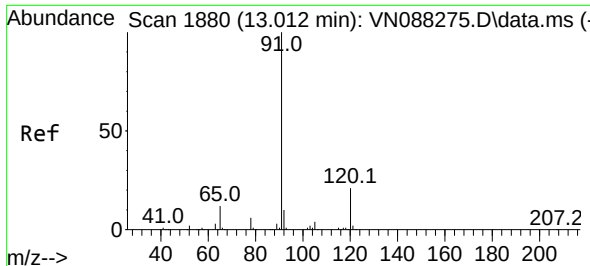
Tgt Ion: 75 Resp: 136157
Ion Ratio Lower Upper
75 100
77 122.4 0.0 386.6



#73
Bromobenzene
Concen: 20.129 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:156 Resp: 67684
Ion Ratio Lower Upper
156 100
77 246.2 0.0 493.4
158 100.1 0.0 193.4

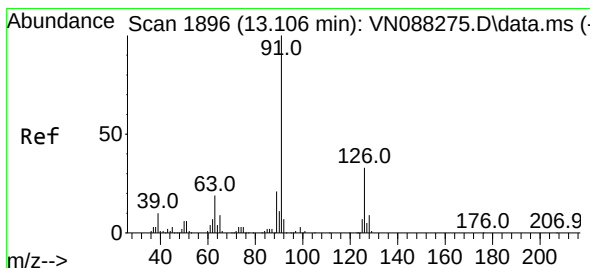
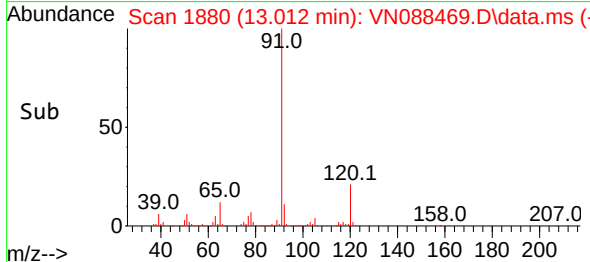
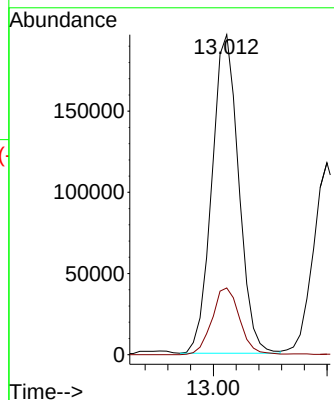
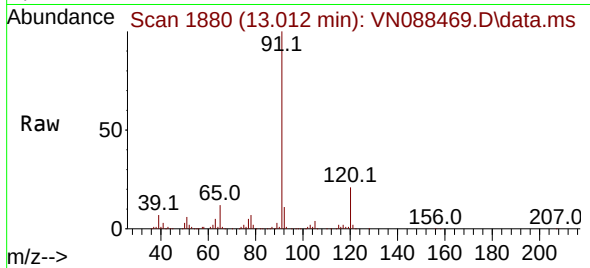




#74
n-propylbenzene
Concen: 17.439 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

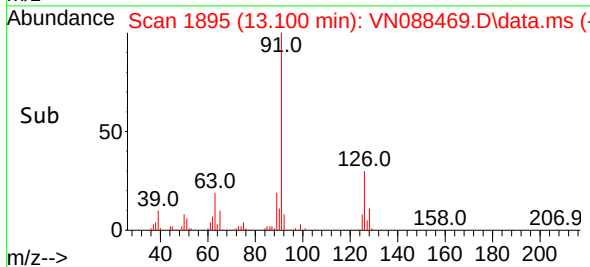
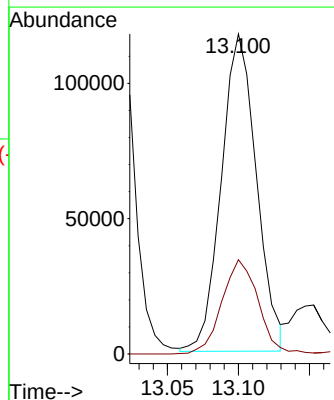
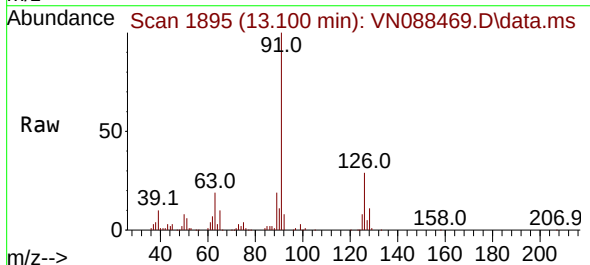
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

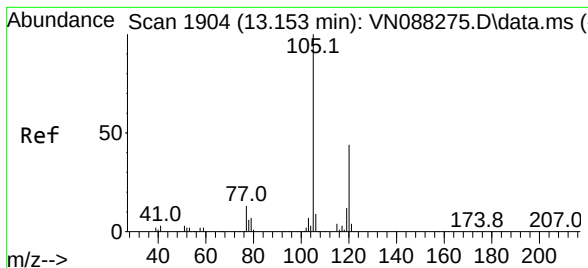
Tgt Ion: 91 Resp: 321449
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2



#75
2-Chlorotoluene
Concen: 18.025 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 91 Resp: 202032
Ion Ratio Lower Upper
91 100
126 30.7 0.0 62.0

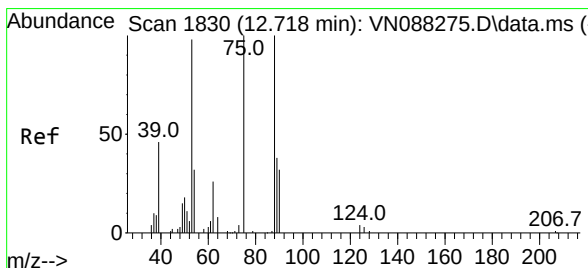
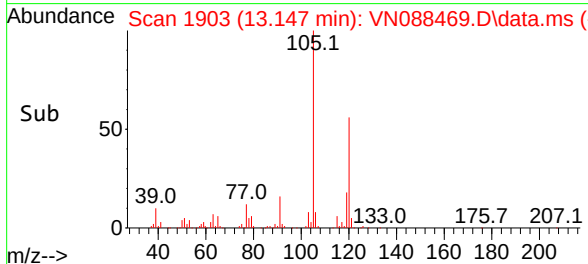
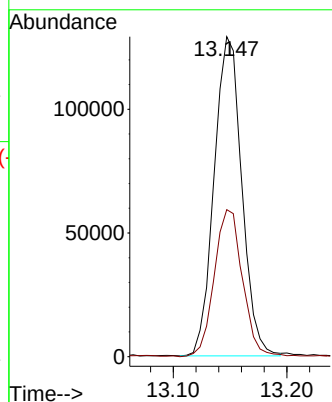
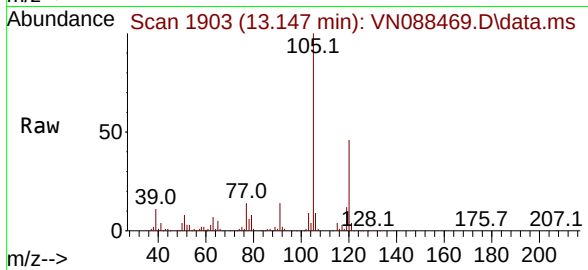




#76
1,3,5-Trimethylbenzene
Concen: 17.463 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

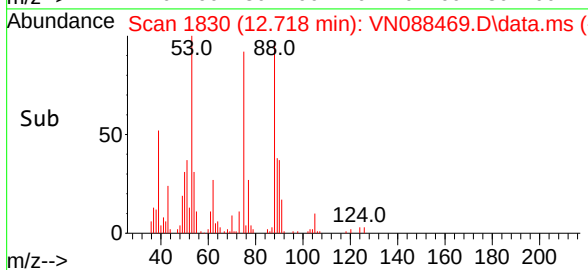
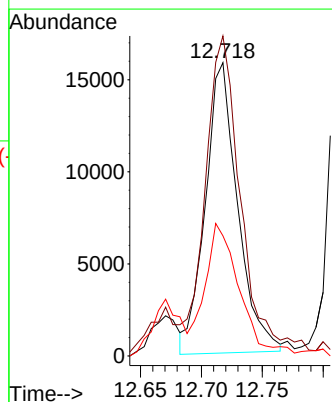
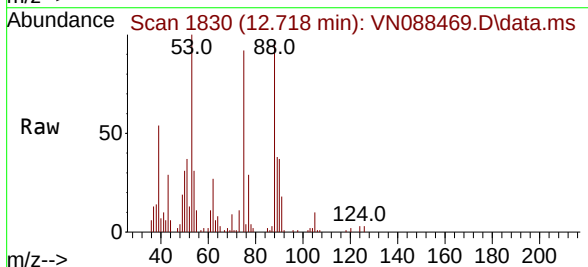
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

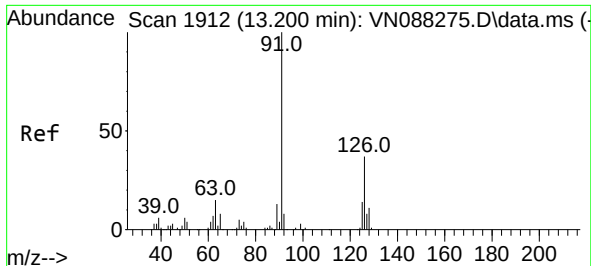
Tgt Ion:105 Resp: 218327
Ion Ratio Lower Upper
105 100
120 46.9 0.0 94.6



#77
t-1,4-Dichloro-2-butene
Concen: 18.166 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 75 Resp: 29159
Ion Ratio Lower Upper
75 100
53 108.0 50.0 150.0
89 39.3 22.3 66.9

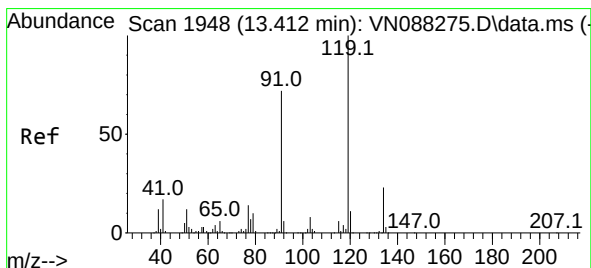
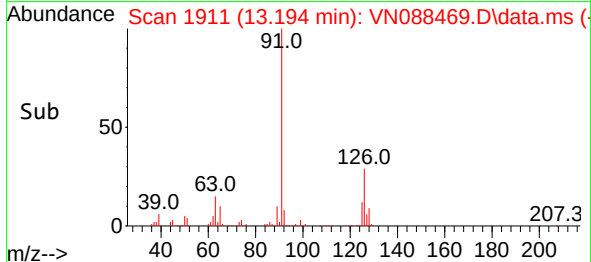
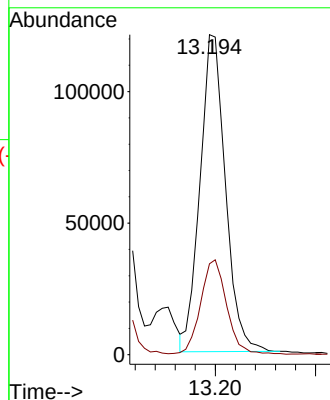
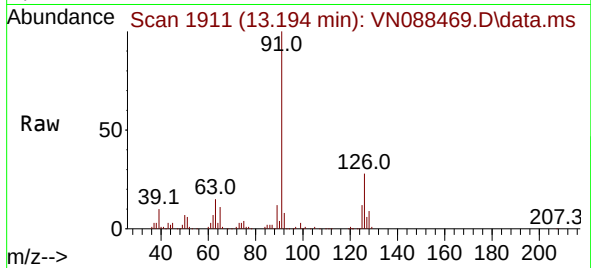




#78
4-Chlorotoluene
Concen: 18.722 ug/l
RT: 13.194 min Scan# 1912
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

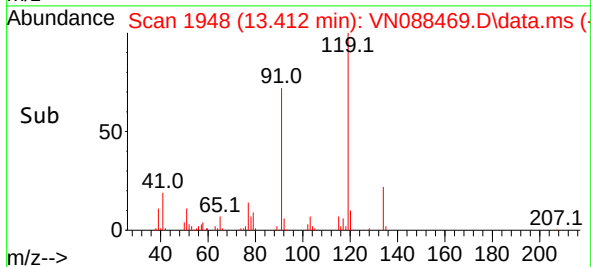
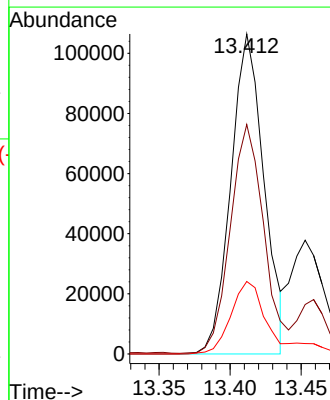
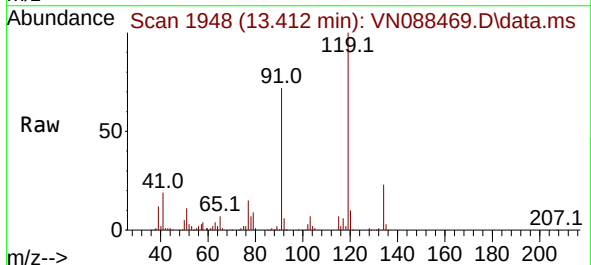
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

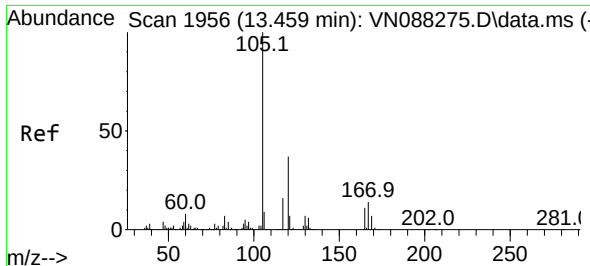
Tgt Ion: 91 Resp: 212640
Ion Ratio Lower Upper
91 100
126 31.0 0.0 60.8



#79
tert-butylbenzene
Concen: 16.143 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 119 Resp: 172791
Ion Ratio Lower Upper
119 100
91 72.4 0.0 140.8
134 22.5 0.0 48.4

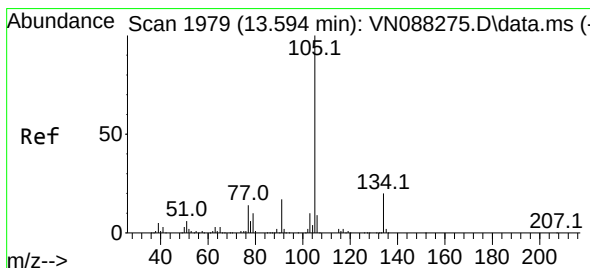
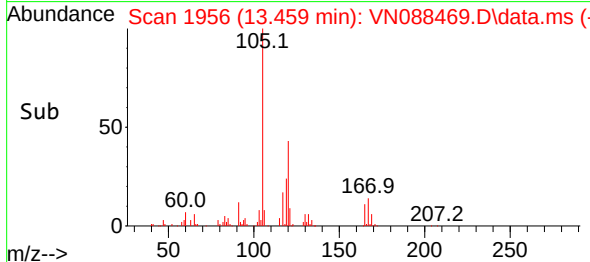
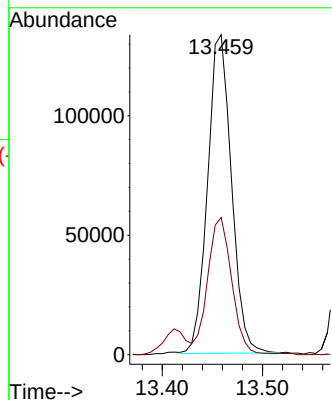
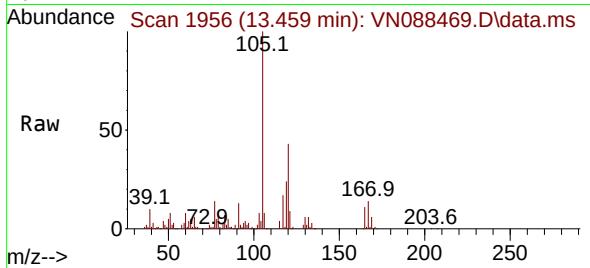




#80
1,2,4-Trimethylbenzene
Concen: 17.778 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

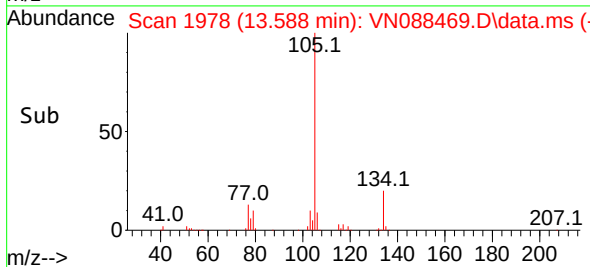
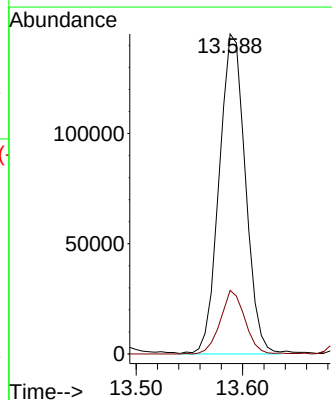
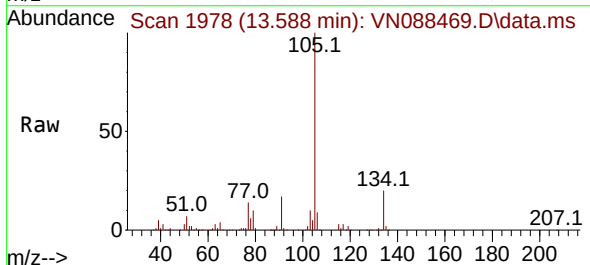
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

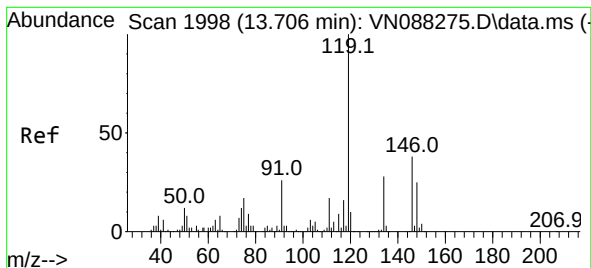
Tgt Ion:105 Resp: 221015
Ion Ratio Lower Upper
105 100
120 43.4 0.0 89.2



#81
sec-Butylbenzene
Concen: 15.892 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:105 Resp: 248110
Ion Ratio Lower Upper
105 100
134 18.5 0.0 38.4





#82

p-Isopropyltoluene

Concen: 16.032 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

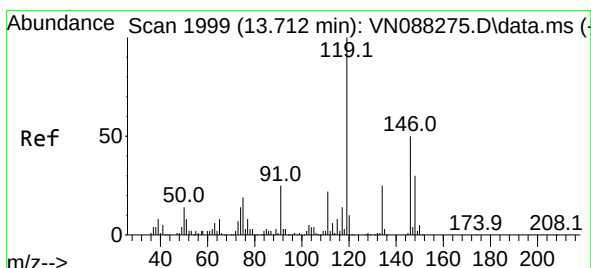
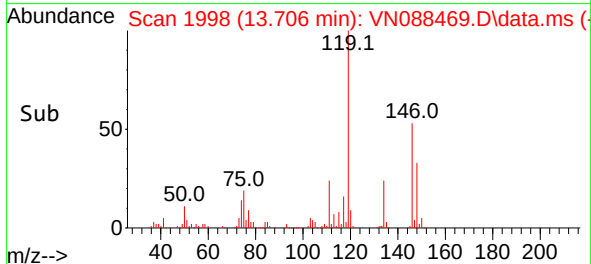
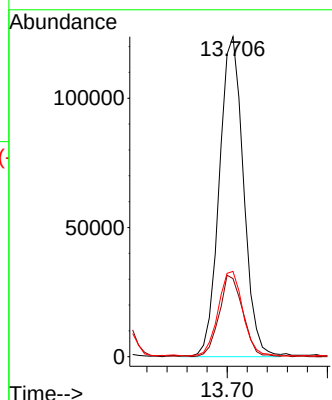
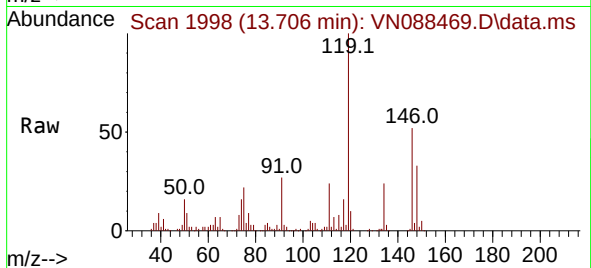
Tgt Ion:119 Resp: 206828

Ion Ratio Lower Upper

119 100

134 24.8 0.0 51.2

91 27.4 0.0 53.4



#83

1,3-Dichlorobenzene

Concen: 19.295 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088469.D

Acq: 05 Dec 2025 14:55

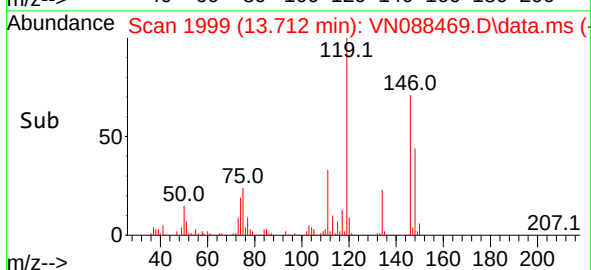
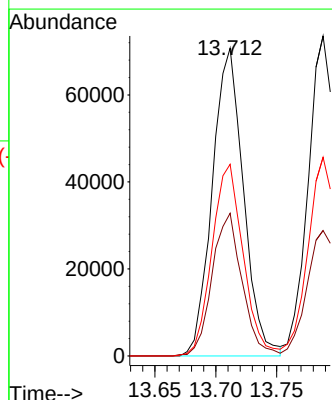
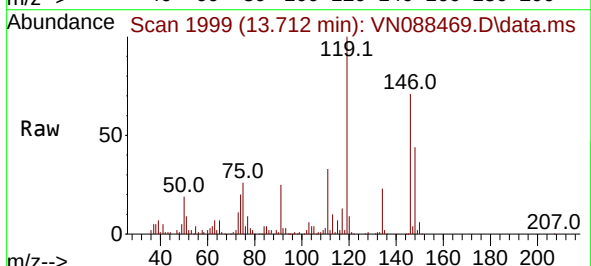
Tgt Ion:146 Resp: 126053

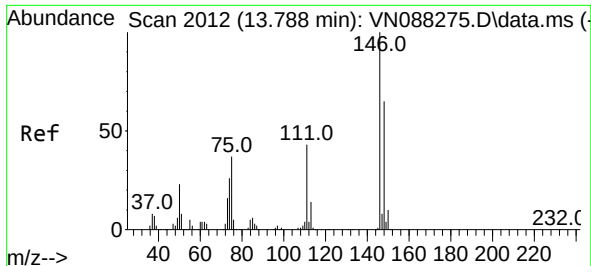
Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.5

148 62.3 31.4 94.3

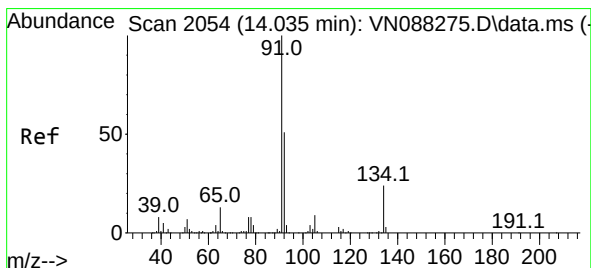
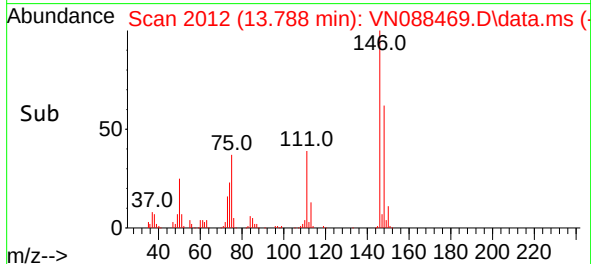
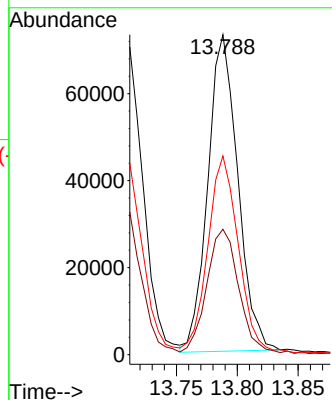
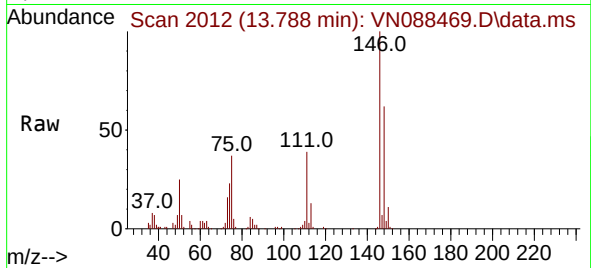




#84
1,4-Dichlorobenzene
Concen: 18.835 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

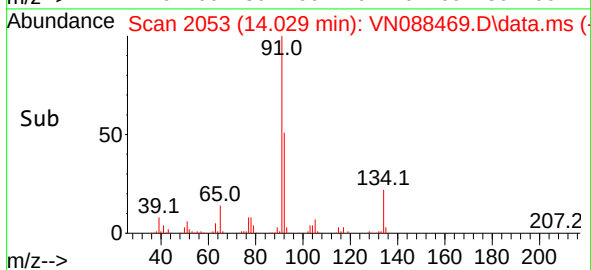
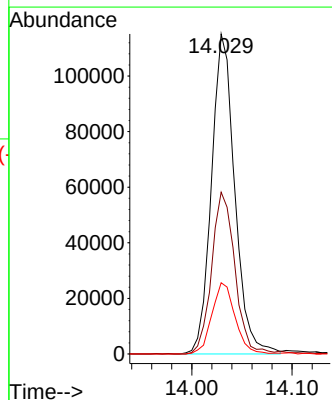
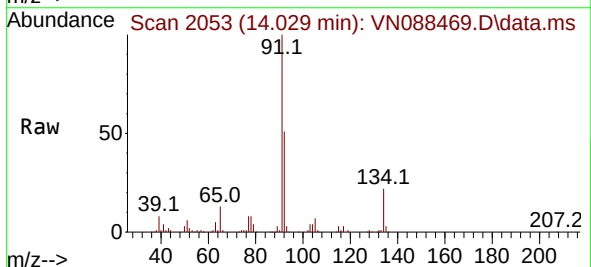
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

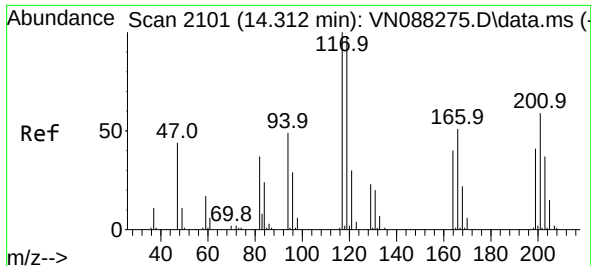
Tgt Ion:146 Resp: 124615
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.3
148 65.1 31.9 95.5



#85
n-Butylbenzene
Concen: 15.123 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion: 91 Resp: 185942
Ion Ratio Lower Upper
91 100
92 49.6 0.0 102.4
134 22.1 0.0 45.8

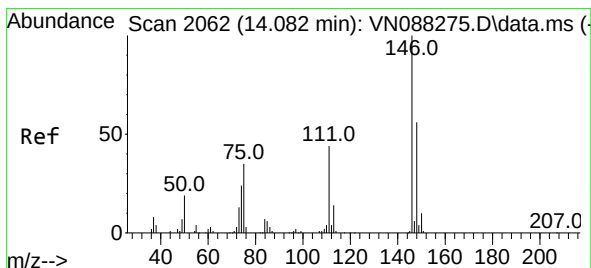
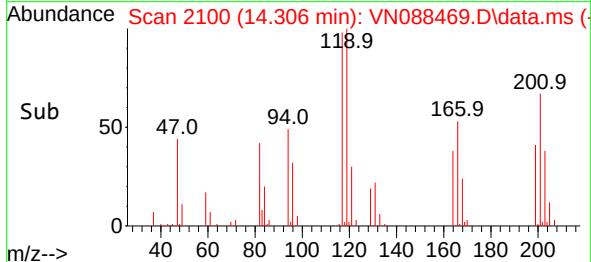
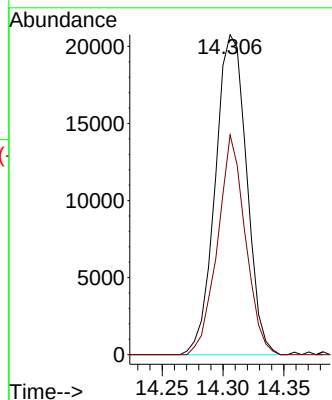
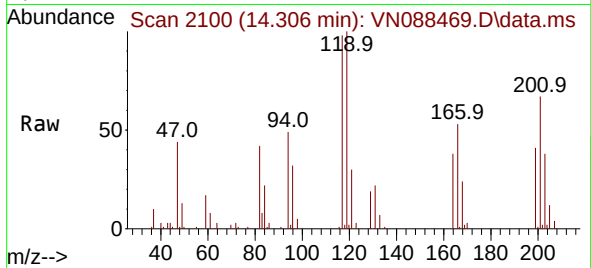




#86
Hexachloroethane
Concen: 15.037 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

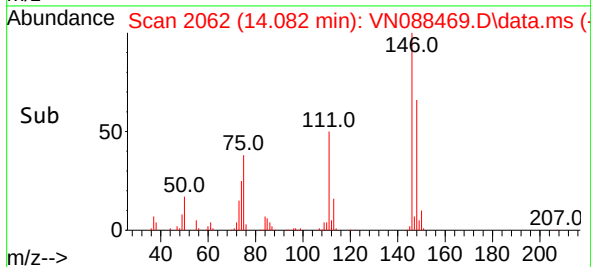
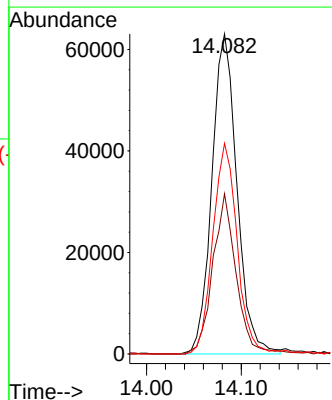
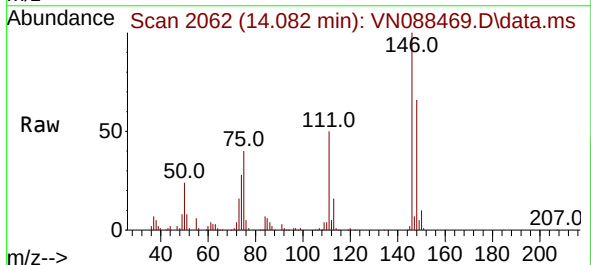
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

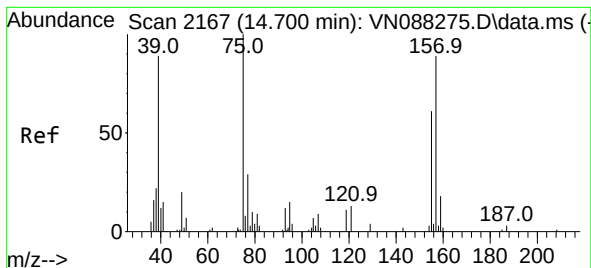
Tgt Ion:117 Resp: 37142
Ion Ratio Lower Upper
117 100
201 61.0 30.6 92.0



#87
1,2-Dichlorobenzene
Concen: 18.806 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:146 Resp: 115966
Ion Ratio Lower Upper
146 100
111 46.8 23.0 69.0
148 63.5 31.1 93.2

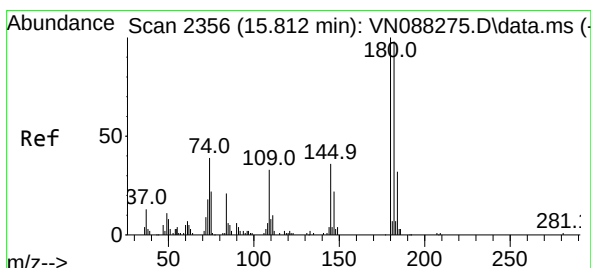
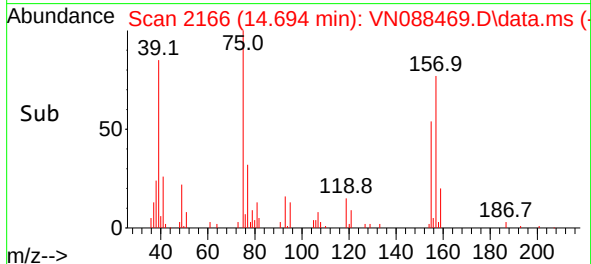
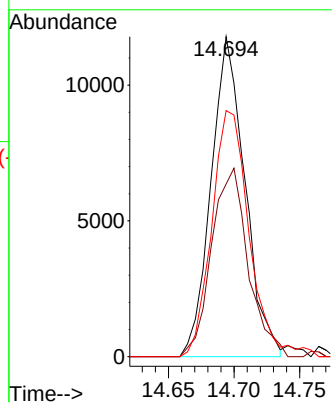
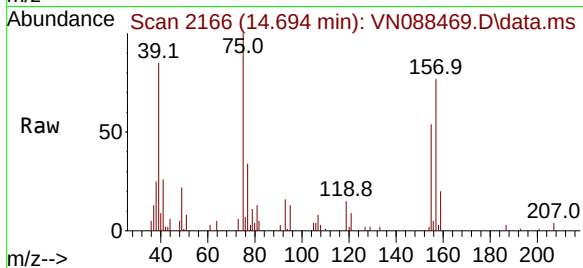




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.673 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

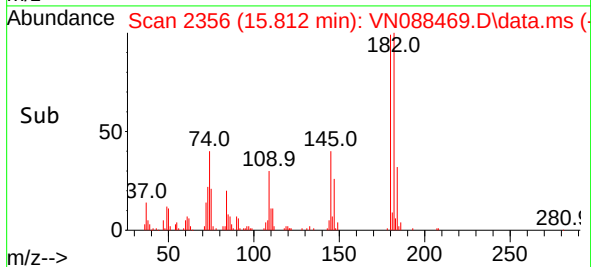
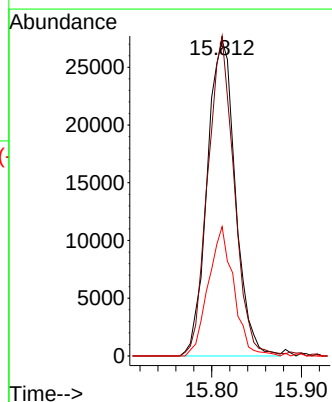
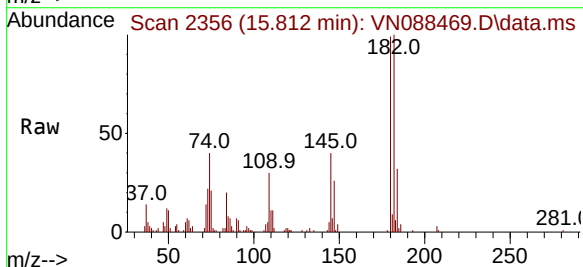
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

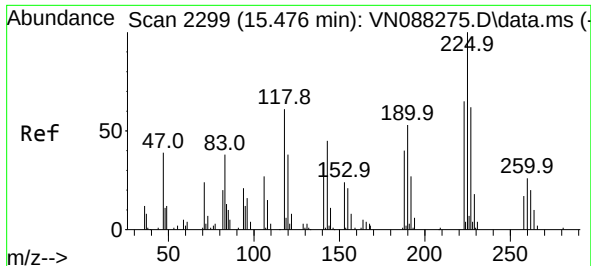
Tgt Ion: 75 Resp: 21176
 Ion Ratio Lower Upper
 75 100
 155 63.6 54.8 82.2
 157 84.0 70.7 106.1



#89
 1,2,4-Trichlorobenzene
 Concen: 17.255 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Tgt Ion: 180 Resp: 59709
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.3 115.9
 145 36.8 30.2 45.4

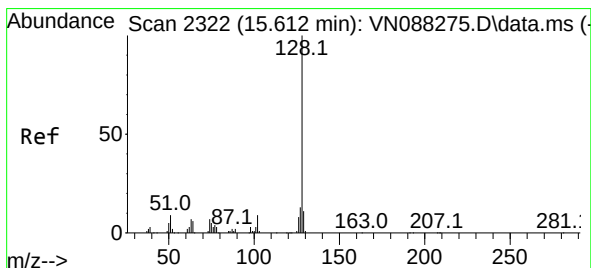
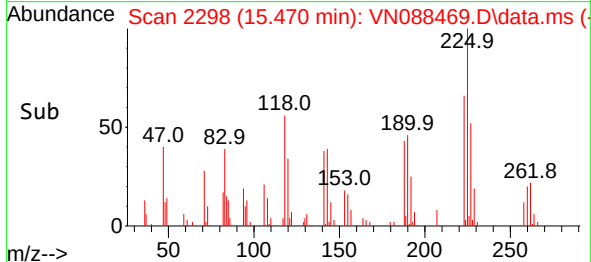
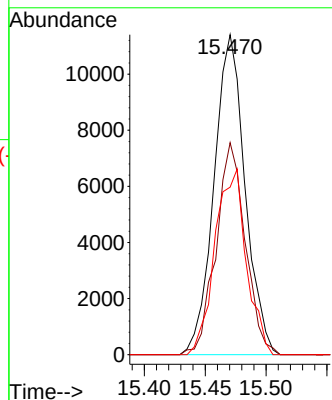
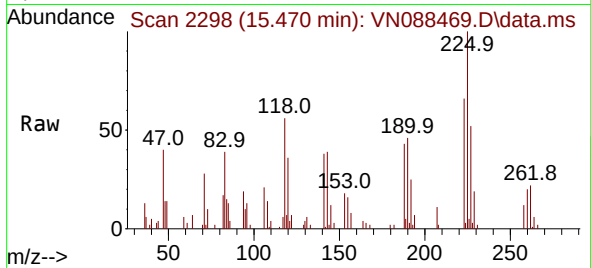




#90
Hexachlorobutadiene
Concen: 15.075 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

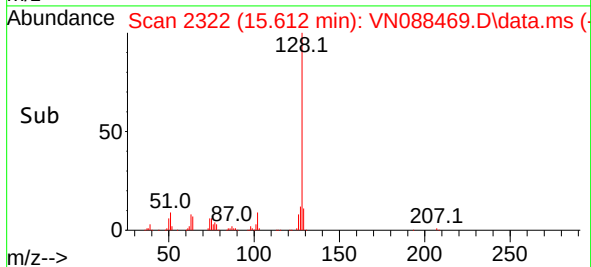
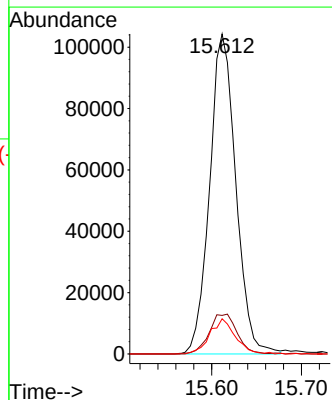
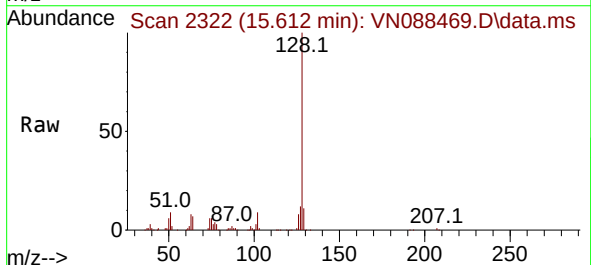
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

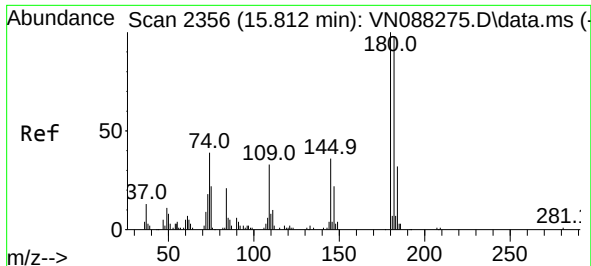
Tgt Ion:225 Resp: 20258
Ion Ratio Lower Upper
225 100
223 62.5 0.0 132.0
227 58.4 0.0 132.6



#91
Naphthalene
Concen: 16.901 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088469.D
Acq: 05 Dec 2025 14:55

Tgt Ion:128 Resp: 211611
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.5 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 17.255 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088469.D
 Acq: 05 Dec 2025 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:	180	Resp:	59709
Ion Ratio	Lower	Upper	
180	100		
182	94.6	0.0	193.2
145	36.8	0.0	75.6

