

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045295.D
 Acq On : 14 Mar 2025 16:41
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Mar 15 04:00:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	14913	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	82547	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	78499	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	49158	33.939	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 113.133%	#
60) 4-Bromofluorobenzene	11.079	95	45598	31.077	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.600%	
63) Toluene-d8	8.647	98	128136	29.506	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.367%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	24875	19.787	ug/l	94
3) Chloromethane	1.307	50	27385	18.187	ug/l	97
4) Vinyl Chloride	1.374	62	25142	17.304	ug/l	99
5) Bromomethane	1.593	94	10998	21.746	ug/l	92
6) Chloroethane	1.660	64	13622	17.310	ug/l	97
7) Trichlorofluoromethane	1.868	101	37044	18.970	ug/l	98
8) Diethyl Ether	2.130	74	12557	16.995	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	23240	20.038	ug/l	97
10) 1,1-Dichloroethene	2.307	96	22725	20.060	ug/l	89
11) Methyl Iodide	2.441	142	25708	20.050	ug/l	96
12) Methyl Acetate	2.703	43	41105	31.246	ug/l	99
13) Acrolein	2.233	56	23897	90.627	ug/l	98
14) Acrylonitrile	3.063	53	73521	114.416	ug/l	98
15) Acetone	2.386	58	20357	115.513	ug/l	88
16) Carbon Disulfide	2.502	76	46842	14.577	ug/l	99
17) Allyl chloride	2.660	41	40660	19.190	ug/l	96
18) Methylene Chloride	2.782	84	25681	20.154	ug/l	93
19) trans-1,2-Dichloroethene	3.081	96	22231	19.396	ug/l	92
20) Diisopropyl ether	3.758	45	85235	20.933	ug/l	91
21) 1,1-Dichloroethane	3.605	63	47367	20.917	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	27867	20.290	ug/l	96
23) tert-Butyl Alcohol	3.081	59	1644	7.329	ug/l	# 100
24) Methyl tert-Butyl Ether	3.111	73	80763	21.843	ug/l	95
25) Chloroform	5.087	83	48273	22.070	ug/l	99
26) Cyclohexane	5.465	56	41269	19.744	ug/l	# 99
29) 1,1-Dichloropropene	5.690	75	31137	20.505	ug/l	99
30) 2-Butanone	4.556	43	106516	121.447	ug/l	# 96
31) 2,2-Dichloropropane	4.465	77	31661	18.440	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	38591	20.975	ug/l	99
33) Carbon Tetrachloride	5.666	117	30671	19.753	ug/l	94
34) Benzene	6.032	78	99904	20.980	ug/l	97
35) Methacrylonitrile	4.922	41	22637	24.119	ug/l	96
36) 1,2-Dichloroethane	6.080	62	37897	23.245	ug/l	95
37) Trichloroethene	7.123	130	22911	20.566	ug/l	98
38) Methylcyclohexane	7.373	83	40469	19.849	ug/l	99
39) 1,2-Dichloropropane	7.428	63	25228	21.310	ug/l	100
40) Dibromomethane	7.580	93	18267	21.502	ug/l	96
41) Bromodichloromethane	7.818	83	35324	20.921	ug/l	99
42) Vinyl Acetate	3.715	43	347216	102.018	ug/l	99

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 Data File : VX045295.D
 Acq On : 14 Mar 2025 16:41
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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

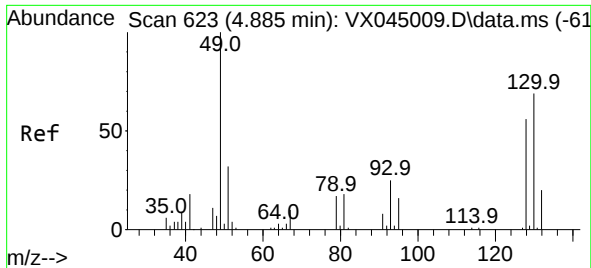
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	37840	23.006	ug/l	99
44) Isopropyl Acetate	6.336	43	60179	22.230	ug/l	99
45) 1,4-Dioxane	7.659	88	10893	387.082	ug/l	97
46) Methyl methacrylate	7.690	41	31882	24.018	ug/l	93
47) n-amyl Acetate	10.842	43	52652	22.414	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	29468	18.106	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	35803	19.433	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	24449	22.064	ug/l	99
51) Ethyl methacrylate	9.116	69	39589	22.716	ug/l	97
52) 1,3-Dichloropropane	9.305	76	43921	22.620	ug/l	100
53) Dibromochloromethane	9.519	129	24782	20.221	ug/l	97
54) 1,2-Dibromoethane	9.604	107	25490	22.653	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	101410	113.312	ug/l	99
56) Bromoform	10.799	173	14747	19.202	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	217493	121.798	ug/l	100
59) 2-Hexanone	9.427	43	158798	123.031	ug/l	99
61) Tetrachloroethene	9.269	164	19865	20.551	ug/l	97
62) Toluene	8.714	91	104403	20.077	ug/l	100
64) Chlorobenzene	10.080	112	67527	20.956	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	20709	19.477	ug/l	98
66) Ethyl Benzene	10.189	91	118710	20.852	ug/l	99
67) m/p-Xylenes	10.299	106	88548	41.745	ug/l	95
68) o-Xylene	10.640	106	44210	21.243	ug/l	100
69) Styrene	10.653	104	72550	20.872	ug/l	98
70) Isopropylbenzene	10.957	105	113976	21.222	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	39796	22.534	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	40120	27.620	ug/l	86
73) Bromobenzene	11.195	156	25784	20.854	ug/l	95
74) n-propylbenzene	11.299	91	135620	21.220	ug/l	98
75) 2-Chlorotoluene	11.360	91	83018	21.486	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	96644	21.812	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	8059	16.490	ug/l	74
78) 4-Chlorotoluene	11.451	91	92044	21.370	ug/l	98
79) tert-butylbenzene	11.713	119	95451	21.381	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	93835	21.142	ug/l	100
81) sec-Butylbenzene	11.890	105	118500	21.150	ug/l	100
82) p-Isopropyltoluene	12.006	119	96201	21.191	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	46669	20.287	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	46483	20.494	ug/l	98
85) n-Butylbenzene	12.329	91	85089	20.525	ug/l	98
86) Hexachloroethane	12.536	117	14381	17.962	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	48133	21.325	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7621	22.288	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	26933	19.688	ug/l	95
90) Hexachlorobutadiene	13.725	225	11146	19.979	ug/l	98
91) Naphthalene	13.774	128	103822	21.523	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	28381	20.152	ug/l	99

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

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QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration

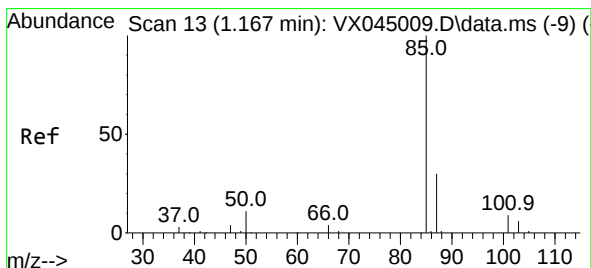
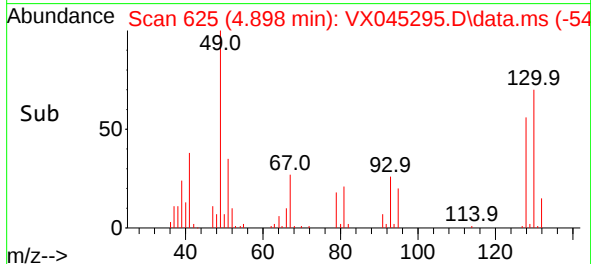
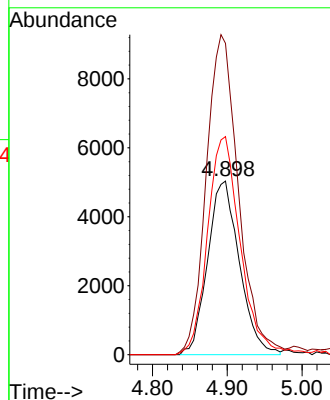
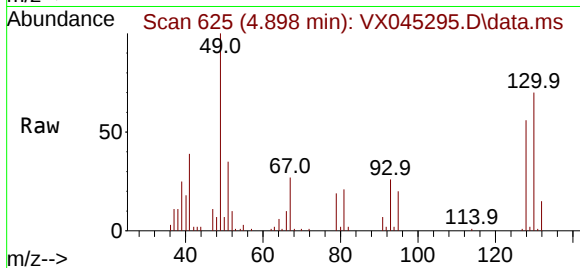




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.898 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

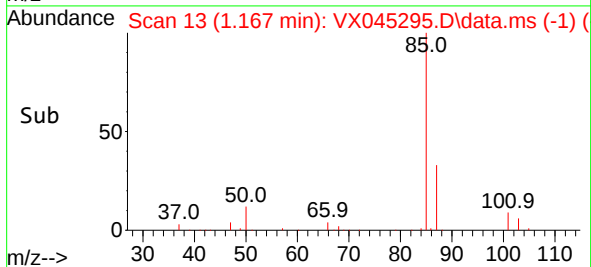
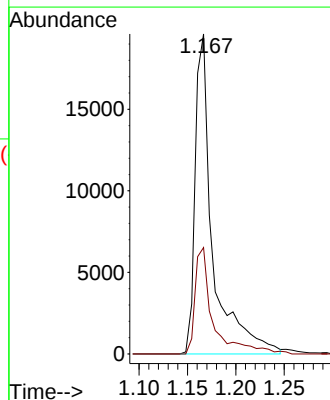
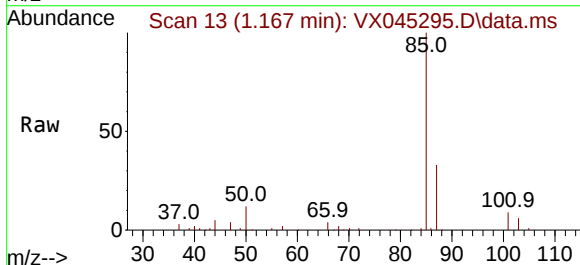
Instrument :
 MSVOA_X
 ClientSampleId :
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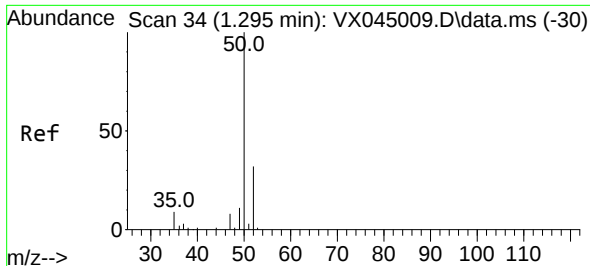
Tgt Ion:	128	Resp:	14913
Ion	Ratio	Lower	Upper
128	100		
49	186.5	0.0	449.7
130	129.0	0.0	312.7



#2
 Dichlorodifluoromethane
 Concen: 19.787 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

Tgt Ion:	85	Resp:	24875
Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.1	45.3

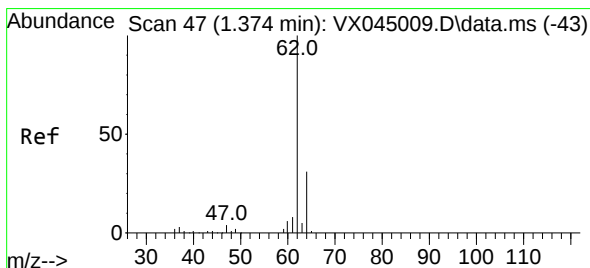
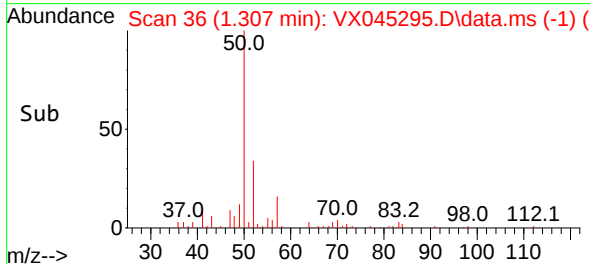
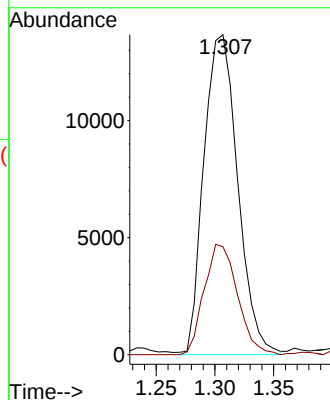
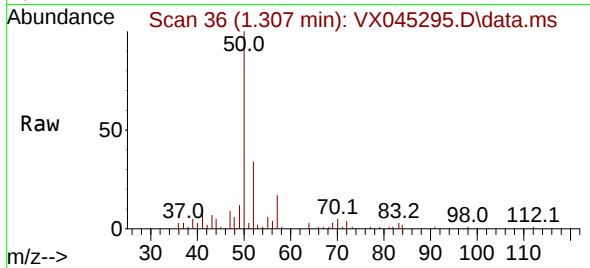




#3
Chloromethane
Concen: 18.187 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

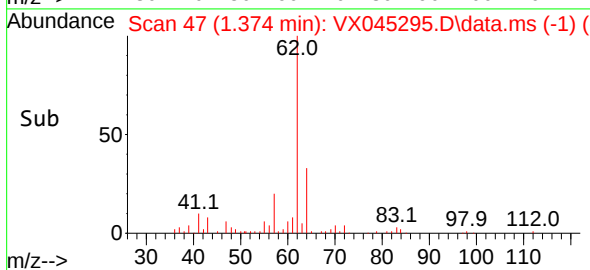
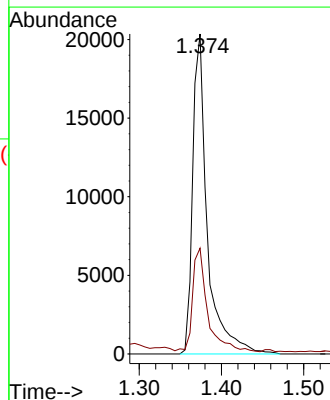
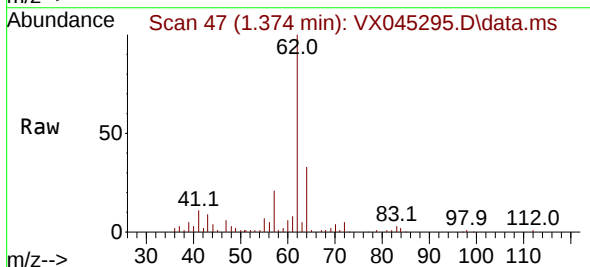
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

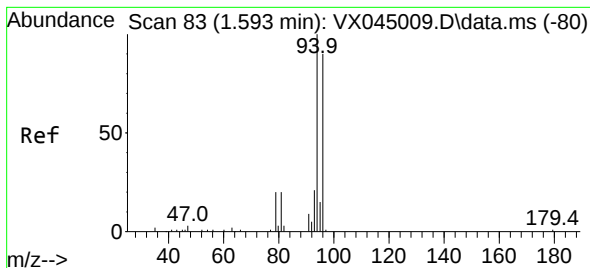
Tgt Ion: 50 Resp: 27385
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5



#4
Vinyl Chloride
Concen: 17.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 62 Resp: 25142
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5

Bromomethane

Concen: 21.746 ug/l

RT: 1.593 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

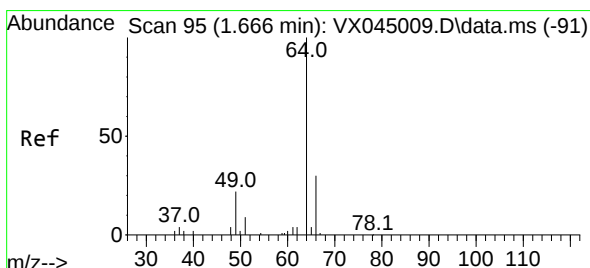
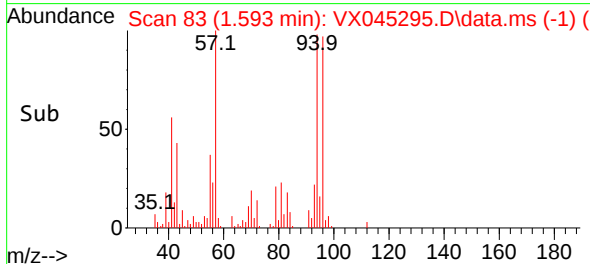
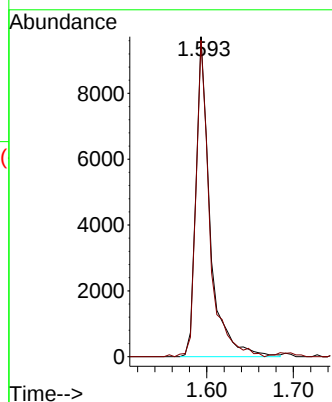
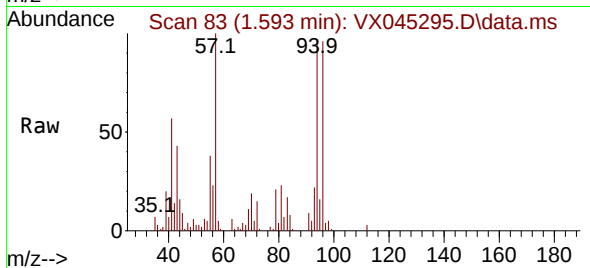
VSTDCCC020EC

Tgt Ion: 94 Resp: 10998

Ion Ratio Lower Upper

94 100

96 98.1 72.2 108.4



#6

Chloroethane

Concen: 17.310 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX045295.D

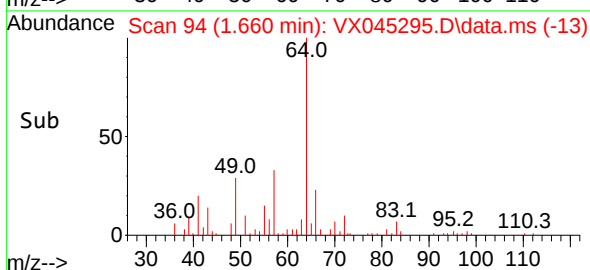
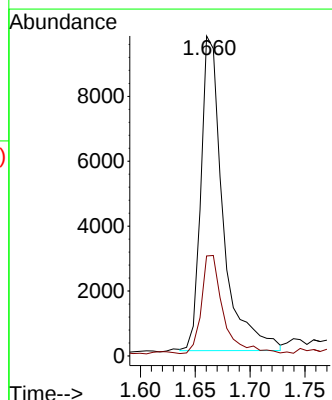
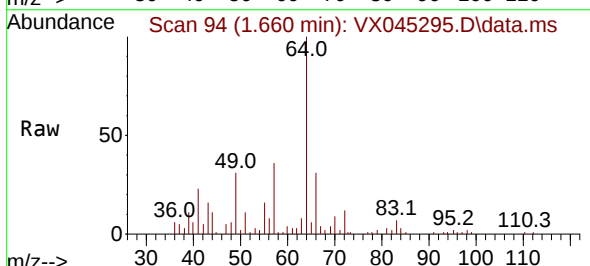
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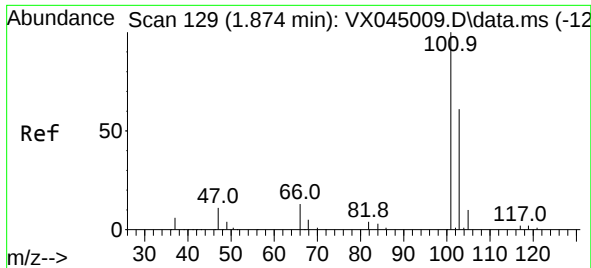
Tgt Ion: 64 Resp: 13622

Ion Ratio Lower Upper

64 100

66 31.2 23.7 35.5

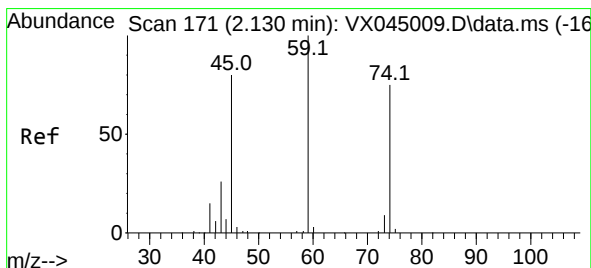
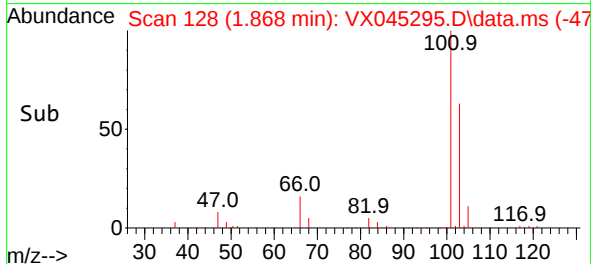
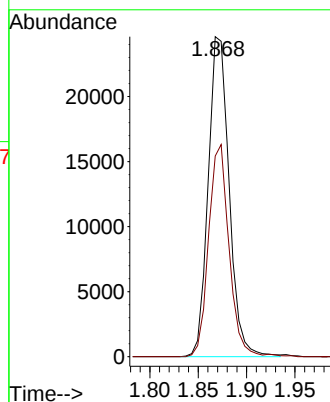
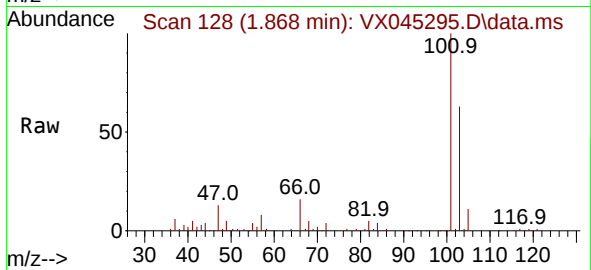




#7
Trichlorofluoromethane
Concen: 18.970 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

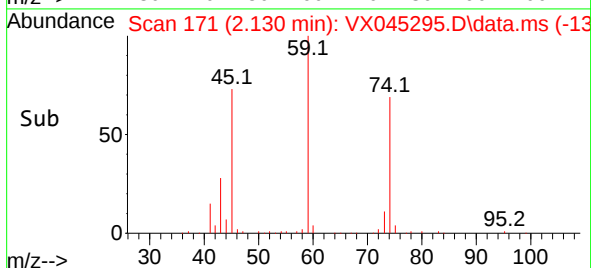
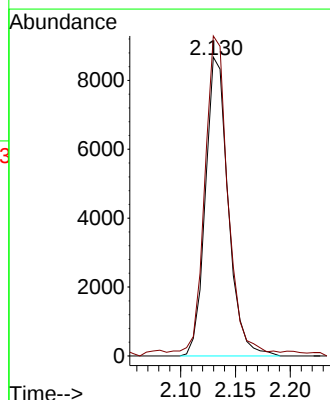
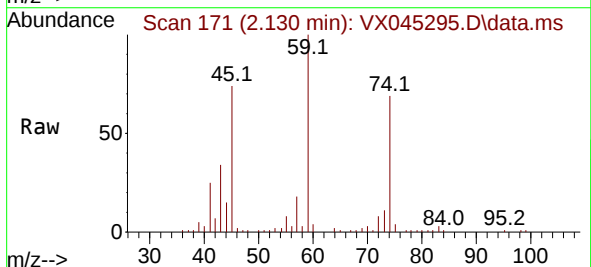
Instrument :
MSVOA_X
ClientSampleId :
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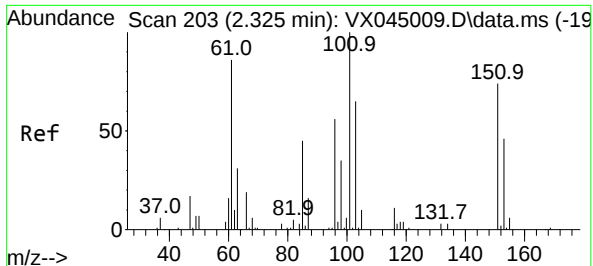
Tgt Ion:101 Resp: 37044
Ion Ratio Lower Upper
101 100
103 62.7 48.8 73.2



#8
Diethyl Ether
Concen: 16.995 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 74 Resp: 12557
Ion Ratio Lower Upper
74 100
45 108.9 20.8 186.8

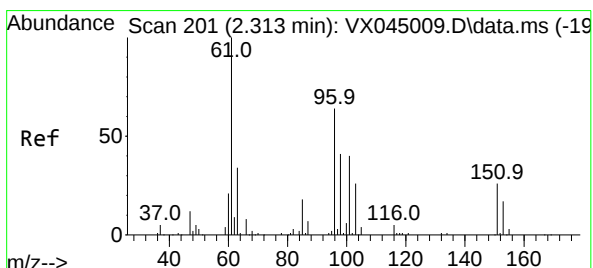
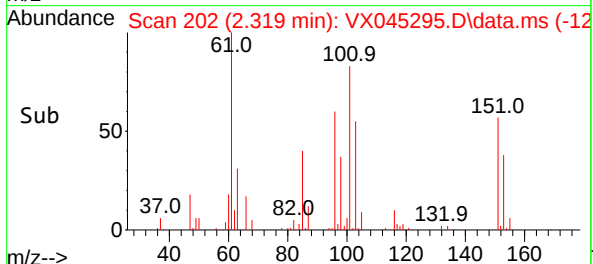
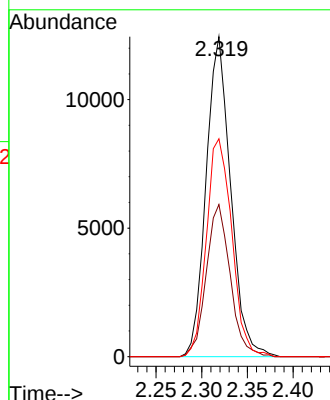
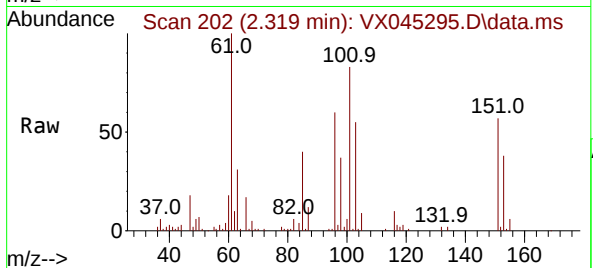




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.038 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

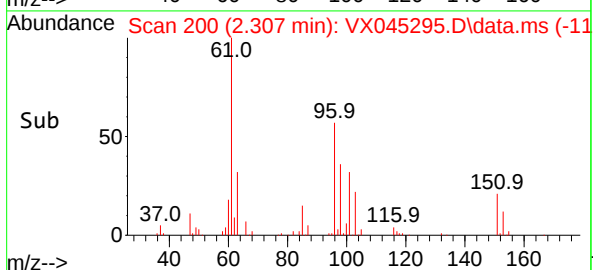
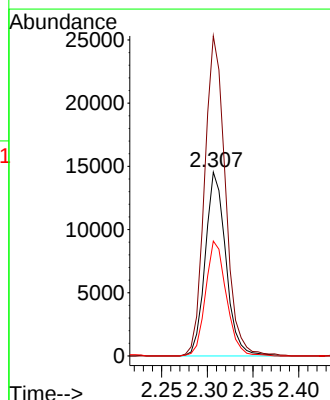
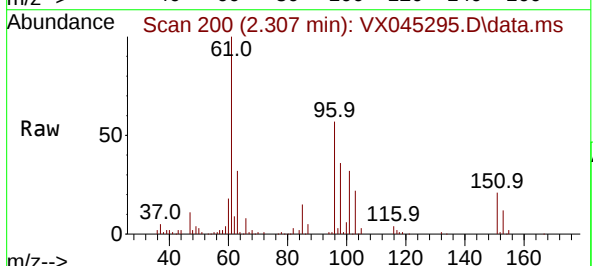
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

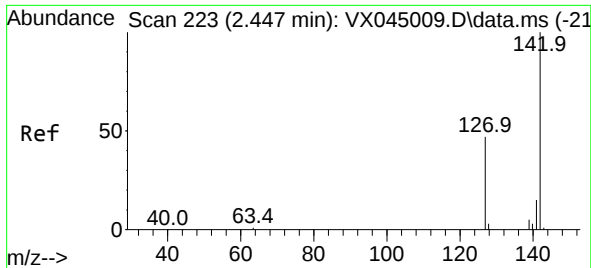
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Ion Ratio Lower Upper
101 100
85 46.4 0.0 90.6
151 70.6 0.0 147.6



#10
1,1-Dichloroethene
Concen: 20.060 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 96 Resp: 22725
Ion Ratio Lower Upper
96 100
61 174.1 124.2 186.2
98 62.5 51.1 76.7

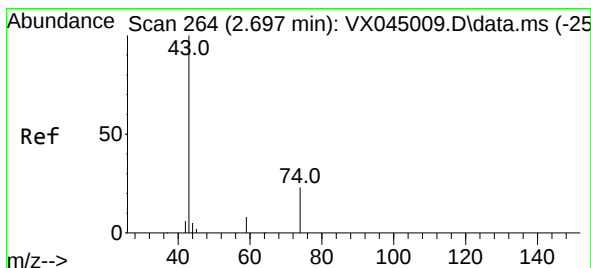
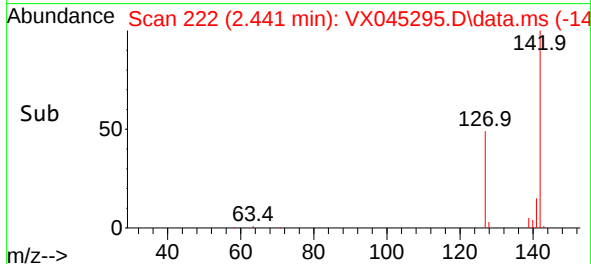
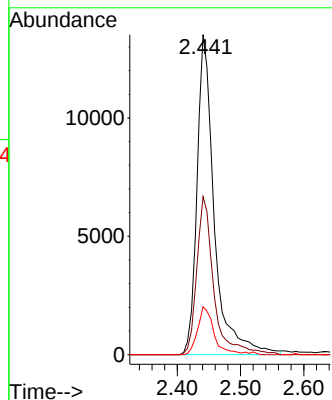
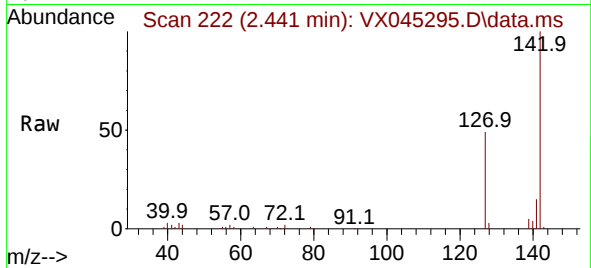




#11
Methyl Iodide
Concen: 20.050 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

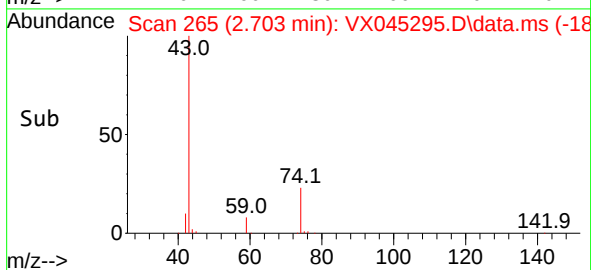
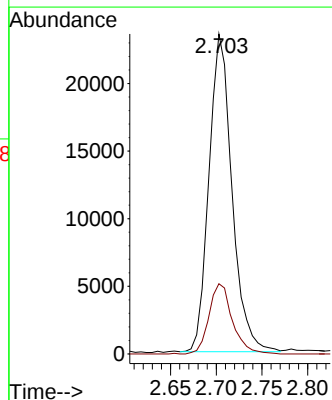
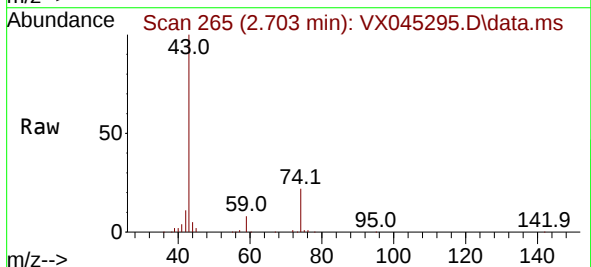
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

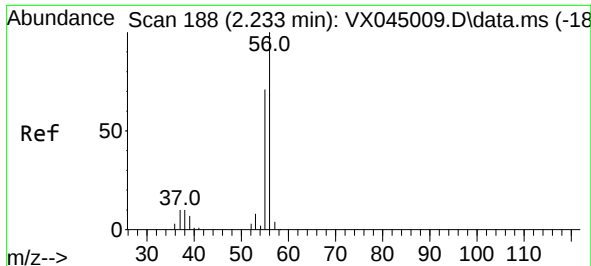
Tgt Ion:142 Resp: 25708
Ion Ratio Lower Upper
142 100
127 49.7 23.3 69.9
141 15.1 7.5 22.6



#12
Methyl Acetate
Concen: 31.246 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 43 Resp: 41105
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9

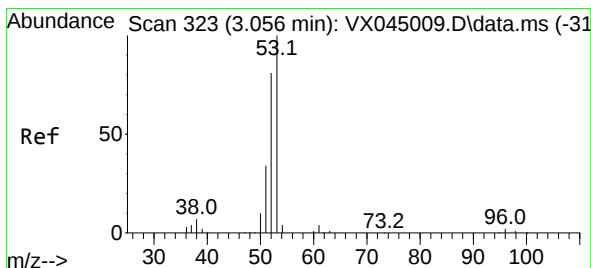
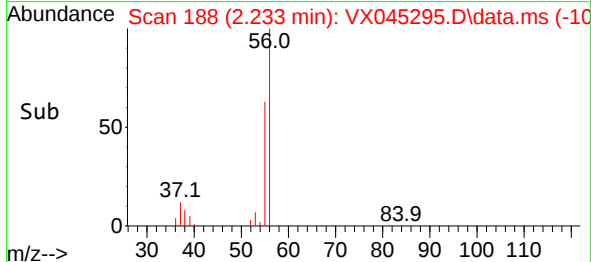
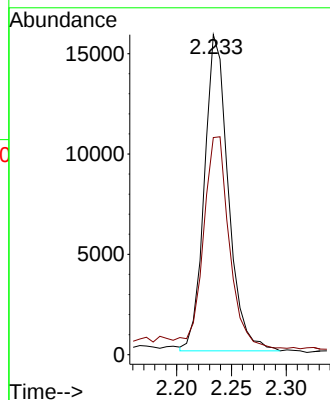
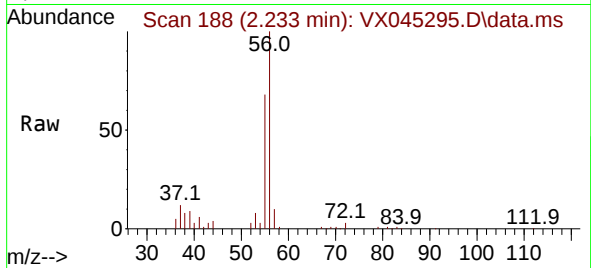




#13
Acrolein
Concen: 90.627 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

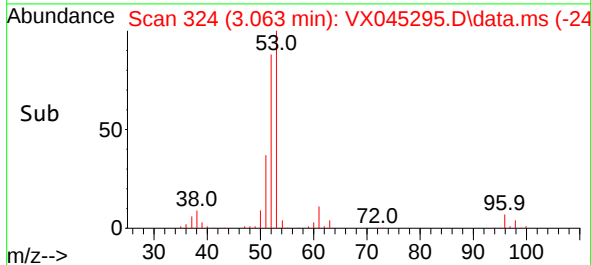
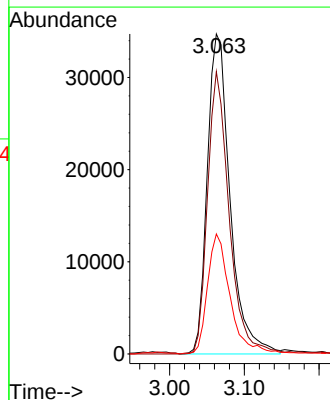
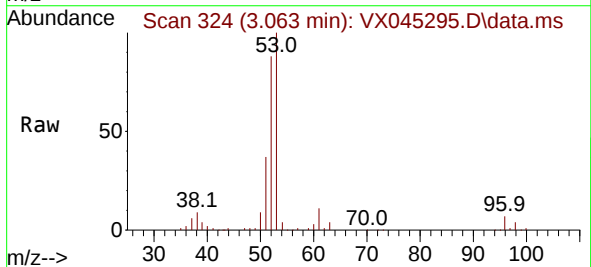
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

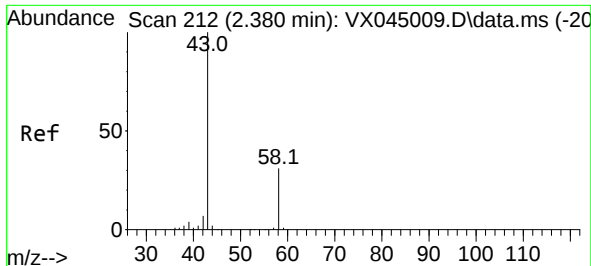
Tgt Ion: 56 Resp: 23897
Ion Ratio Lower Upper
56 100
55 71.1 55.4 83.2



#14
Acrylonitrile
Concen: 114.416 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 53 Resp: 73521
Ion Ratio Lower Upper
53 100
52 83.8 40.9 122.8
51 37.5 18.0 54.0

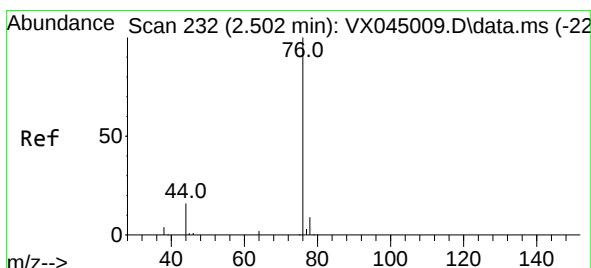
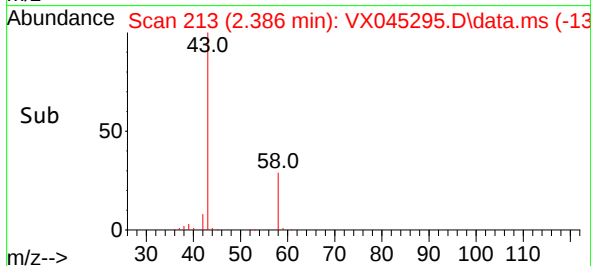
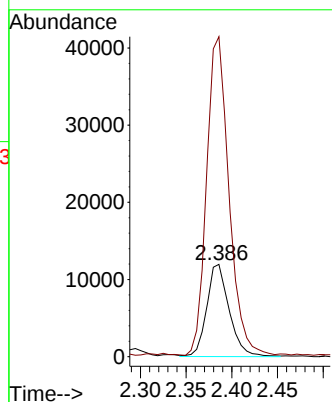
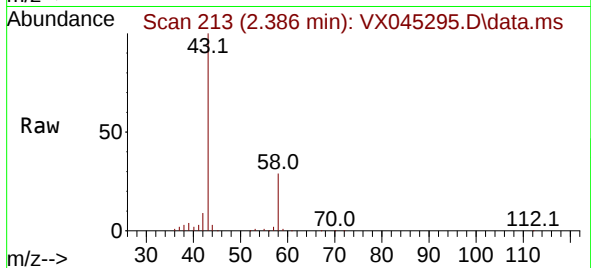




#15
Acetone
Concen: 115.513 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

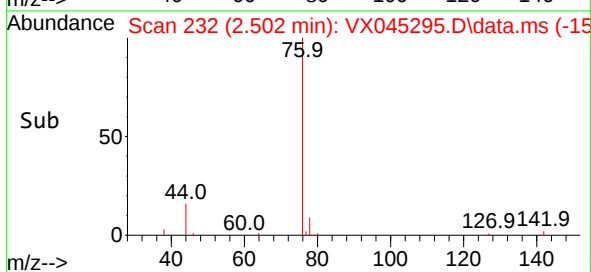
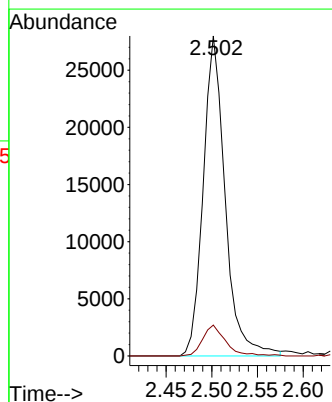
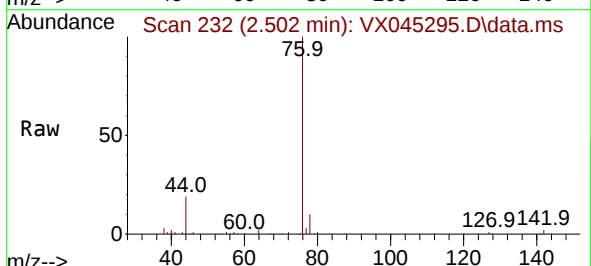
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

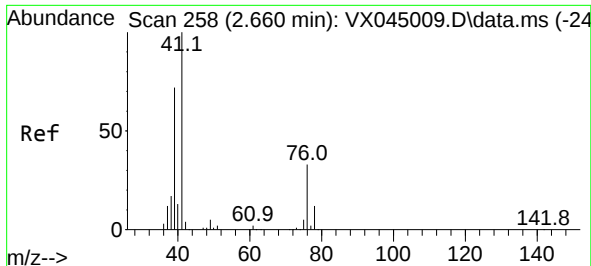
Tgt Ion: 58 Resp: 20357
Ion Ratio Lower Upper
58 100
43 347.2 258.6 388.0



#16
Carbon Disulfide
Concen: 14.577 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 76 Resp: 46842
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

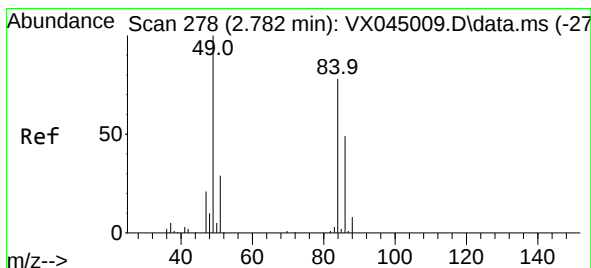
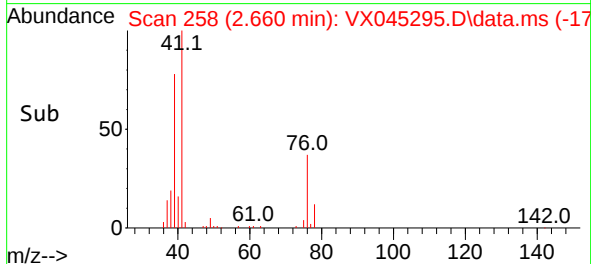
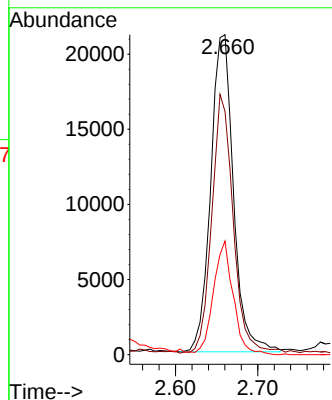
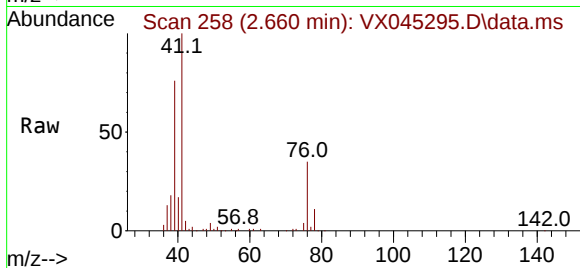




#17
 Allyl chloride
 Concen: 19.190 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

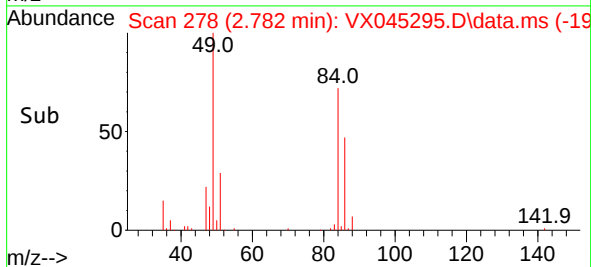
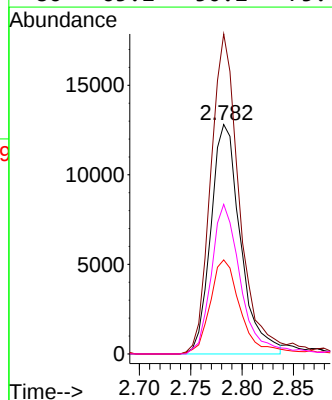
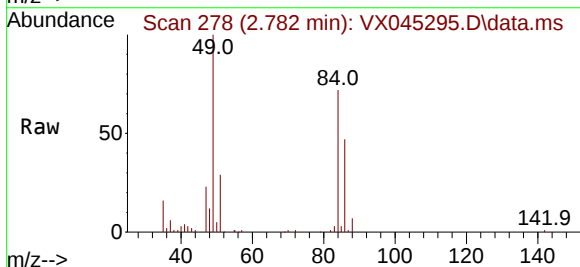
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

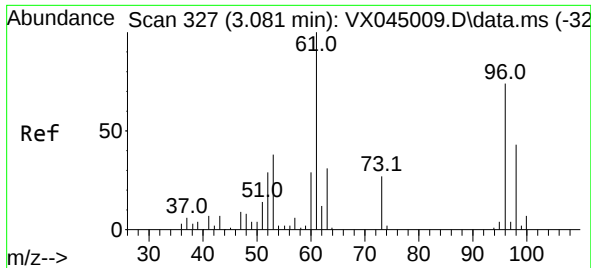
Tgt Ion:	41	Resp:	40660
Ion	Ratio	Lower	Upper
41	100		
39	76.2	36.2	108.6
76	35.8	17.2	51.5



#18
 Methylene Chloride
 Concen: 20.154 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

Tgt Ion:	84	Resp:	25681
Ion	Ratio	Lower	Upper
84	100		
49	139.5	102.8	154.2
51	41.0	30.1	45.1
86	65.2	50.2	75.4

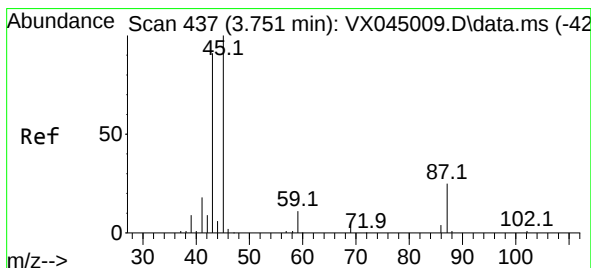
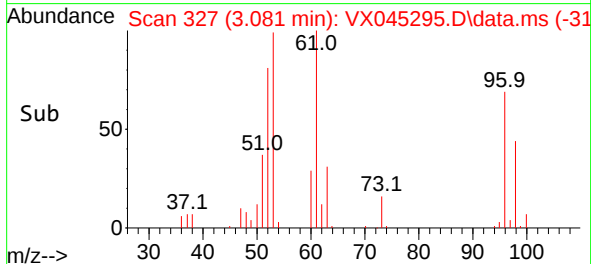
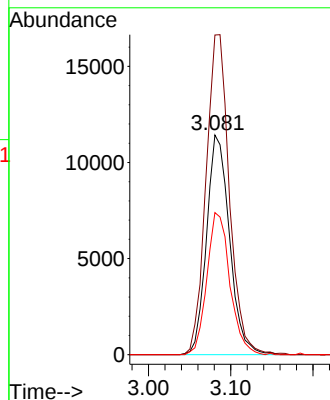
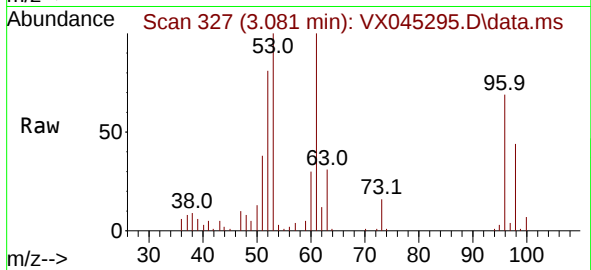




#19
trans-1,2-Dichloroethene
Concen: 19.396 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

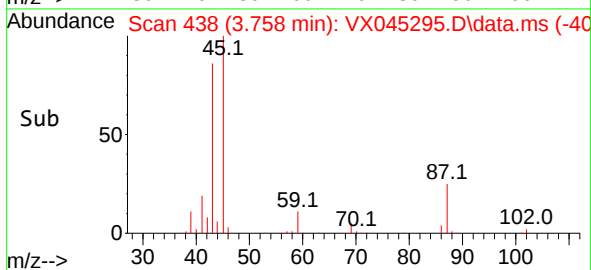
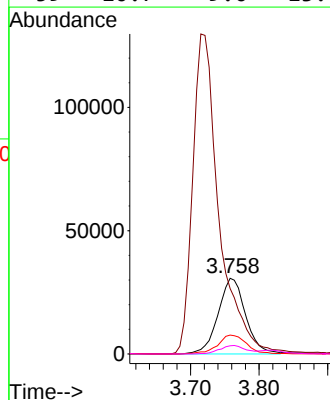
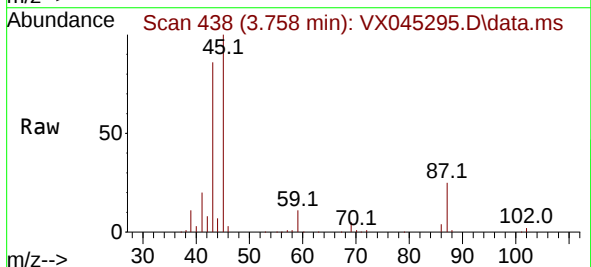
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 22231
Ion Ratio Lower Upper
96 100
61 145.5 108.6 163.0
98 64.7 46.5 69.7



#20
Diisopropyl ether
Concen: 20.933 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 45 Resp: 85235
Ion Ratio Lower Upper
45 100
43 81.3 74.4 111.6
87 25.0 19.8 29.8
59 10.7 9.0 13.4

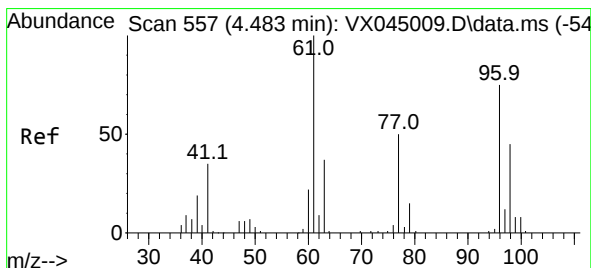
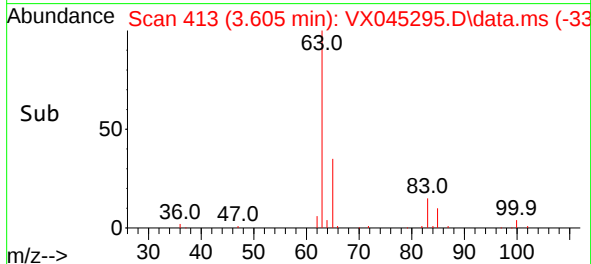
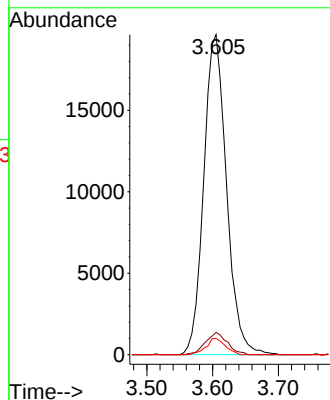
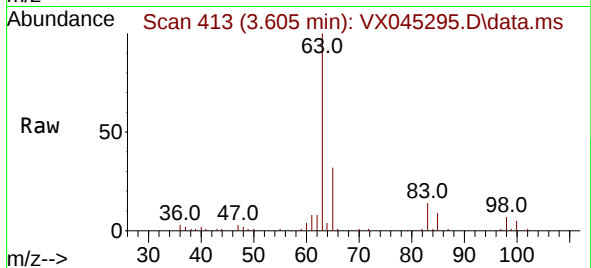




#21
1,1-Dichloroethane
Concen: 20.917 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

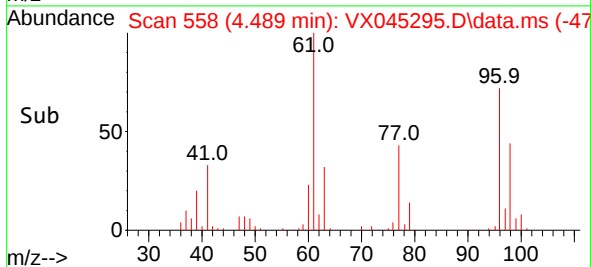
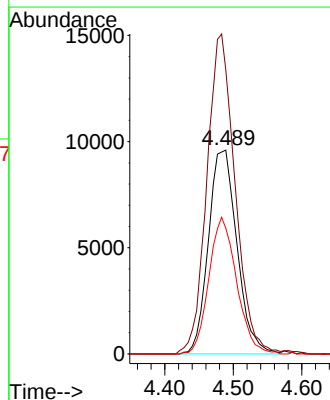
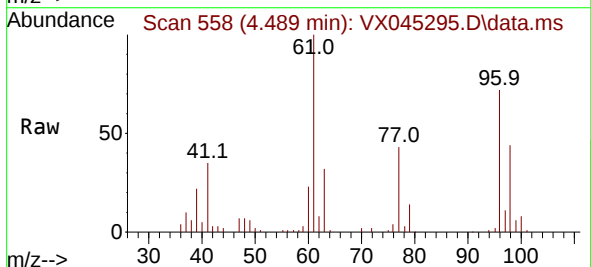
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

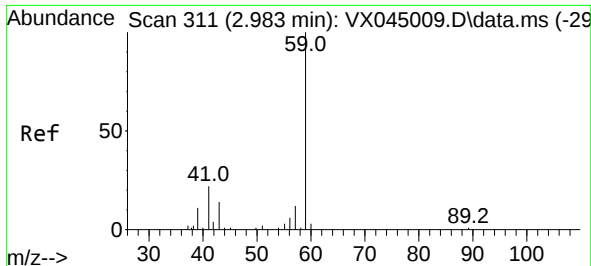
Tgt Ion: 63 Resp: 47367
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.8
100 5.1 2.4 7.1



#22
cis-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 96 Resp: 27867
Ion Ratio Lower Upper
96 100
61 154.5 118.9 178.3
98 64.8 50.7 76.1

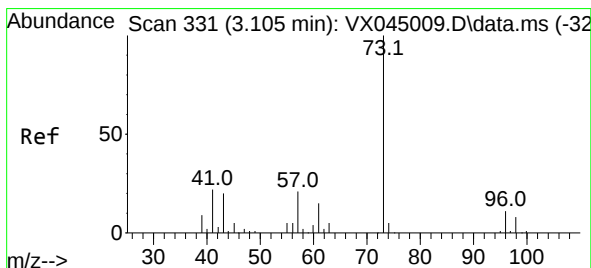
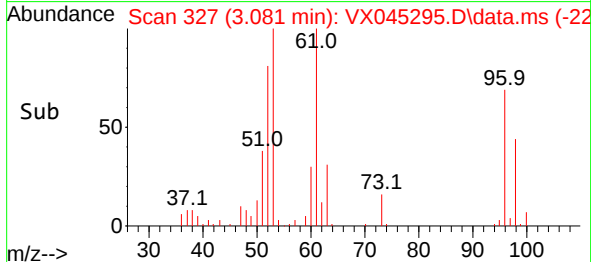
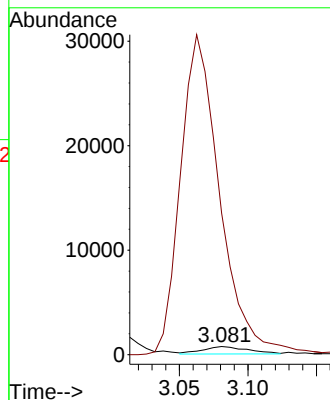
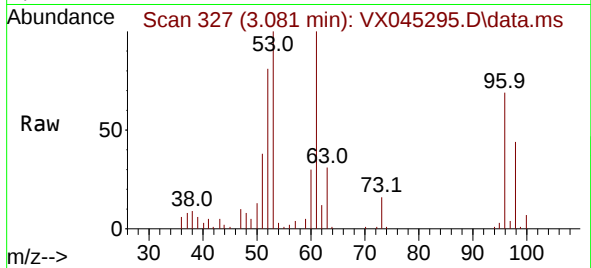




#23
tert-Butyl Alcohol
Concen: 7.329 ug/l
RT: 3.081 min Scan# 311
Delta R.T. 0.098 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

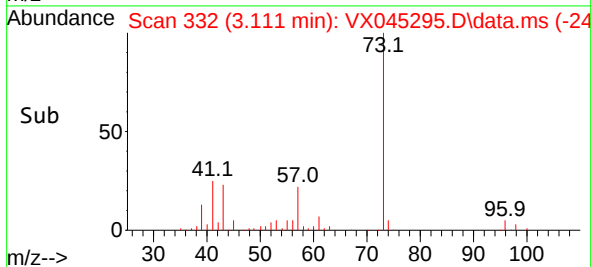
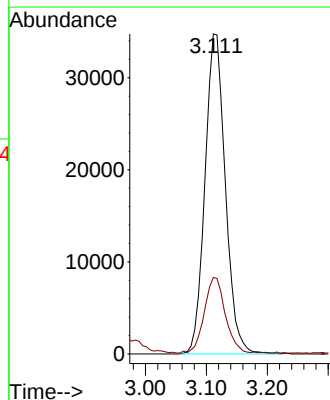
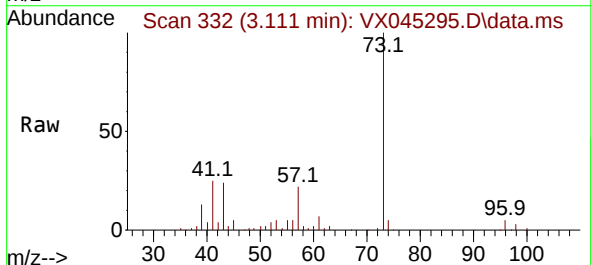
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

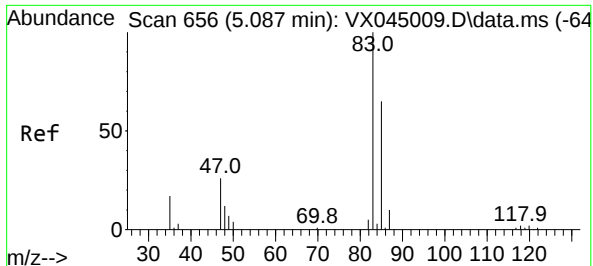
Tgt Ion: 59 Resp: 1644
Ion Ratio Lower Upper
59 100
52 3748.5 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 21.843 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 73 Resp: 80763
Ion Ratio Lower Upper
73 100
43 24.1 17.4 26.0





#25

Chloroform

Concen: 22.070 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

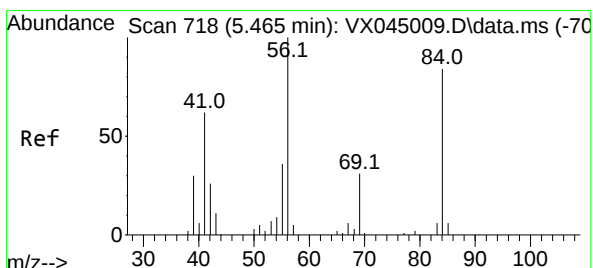
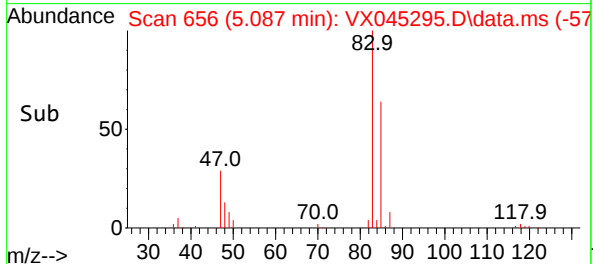
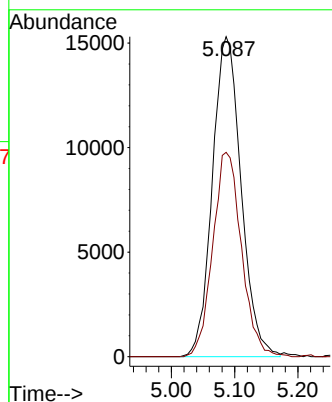
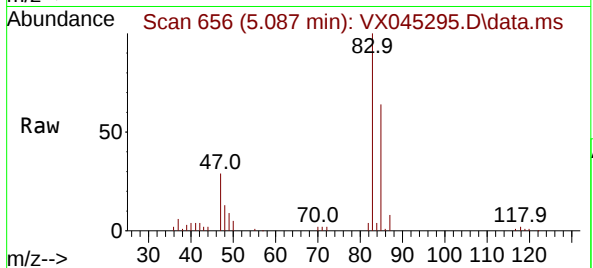
VSTDCCC020EC

Tgt Ion: 83 Resp: 48273

Ion Ratio Lower Upper

83 100

85 63.8 51.7 77.5



#26

Cyclohexane

Concen: 19.744 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

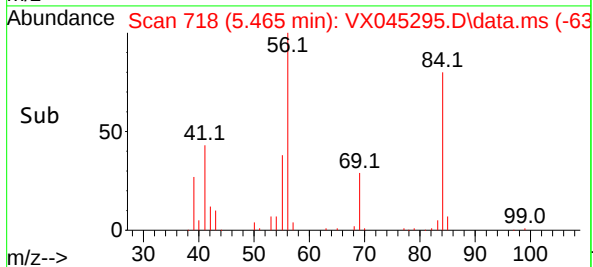
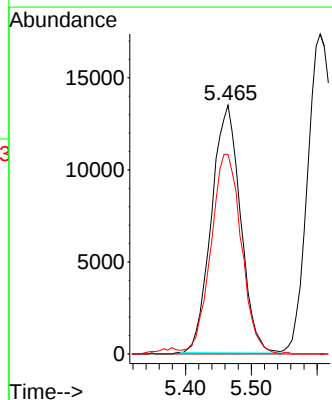
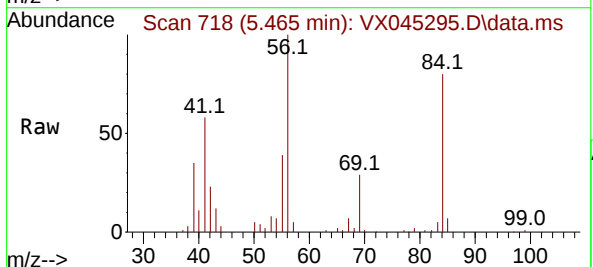
Tgt Ion: 56 Resp: 41269

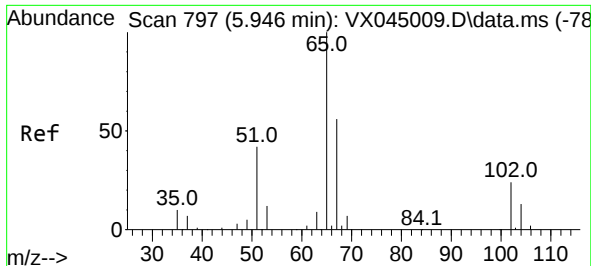
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.7 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 33.939 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

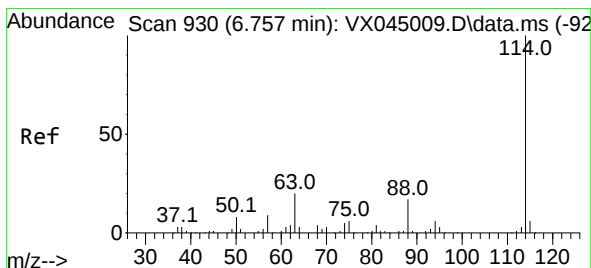
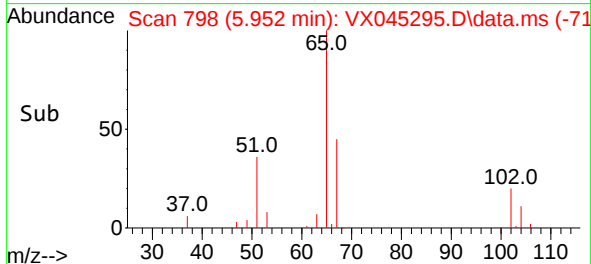
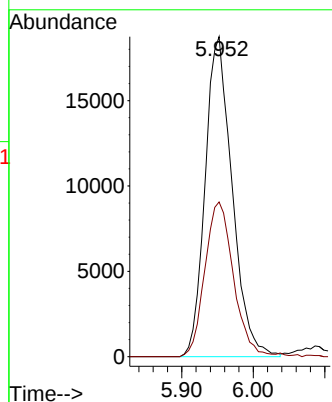
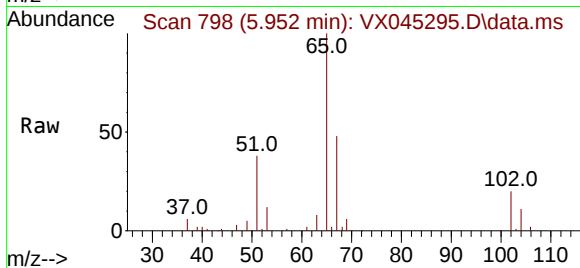
VSTDCCC020EC

Tgt Ion: 65 Resp: 49158

Ion Ratio Lower Upper

65 100

67 51.0 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

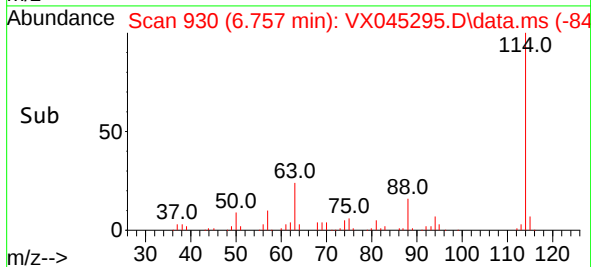
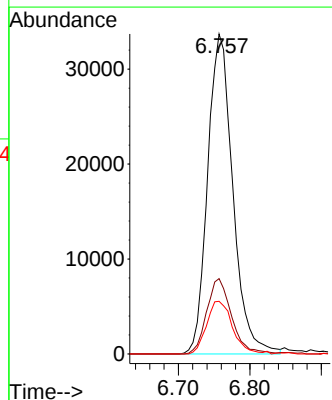
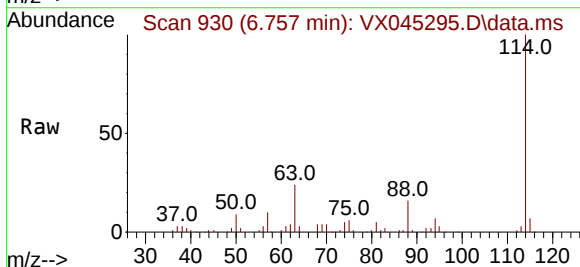
Tgt Ion: 114 Resp: 82547

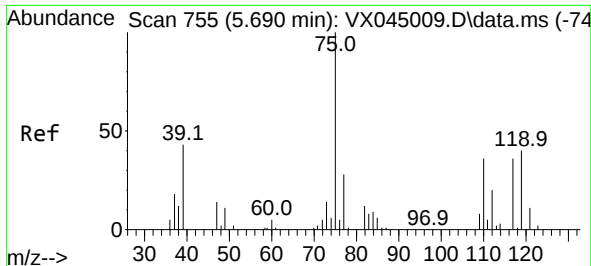
Ion Ratio Lower Upper

114 100

63 23.2 16.8 25.2

88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.505 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

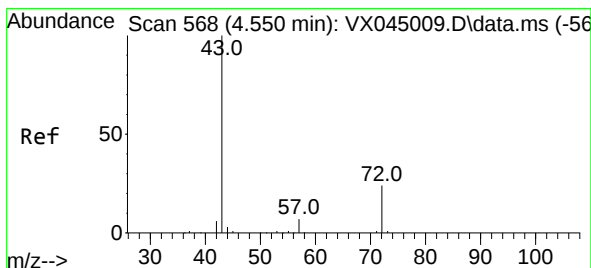
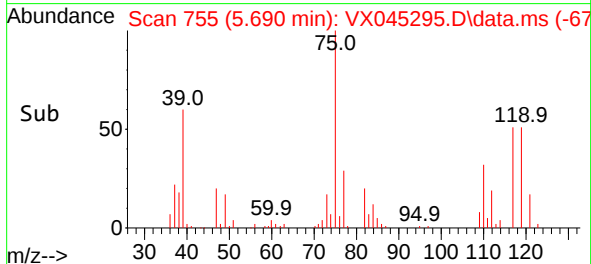
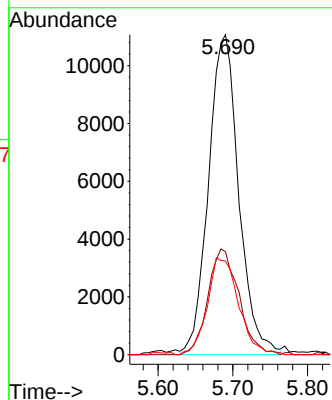
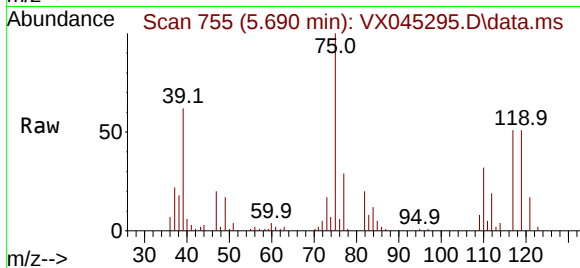
Tgt Ion: 75 Resp: 31137

Ion Ratio Lower Upper

75 100

110 33.5 0.0 69.2

77 30.9 0.0 61.0



#30

2-Butanone

Concen: 121.447 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

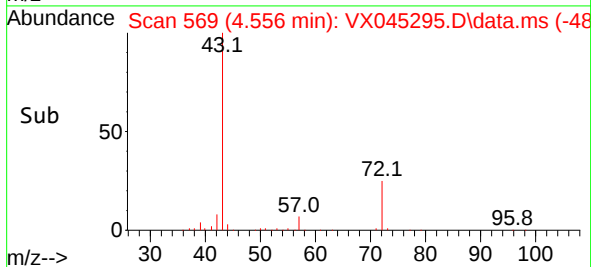
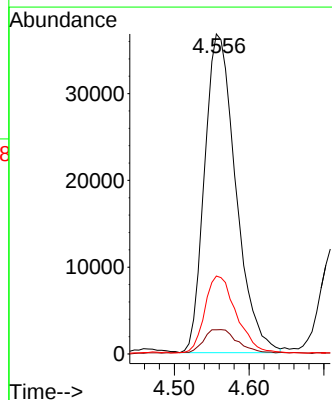
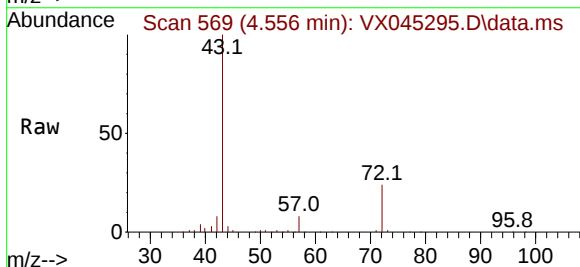
Tgt Ion: 43 Resp: 106516

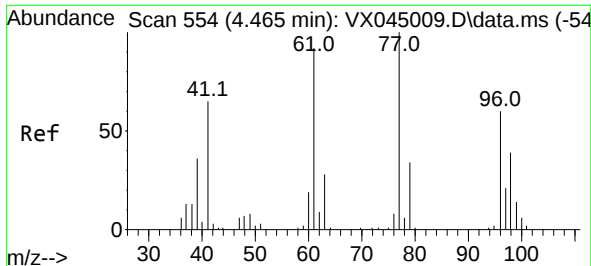
Ion Ratio Lower Upper

43 100

57 3.2 6.2 9.2#

72 24.7 20.2 30.2

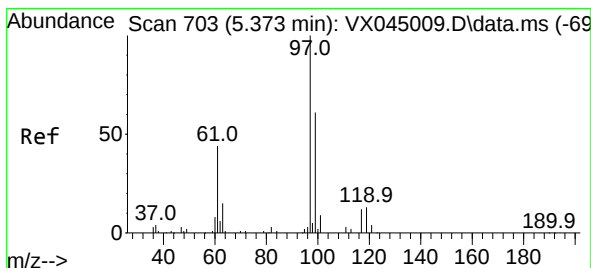
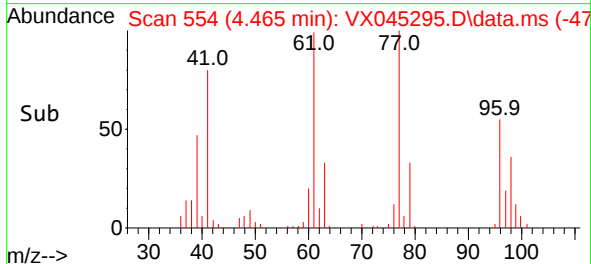
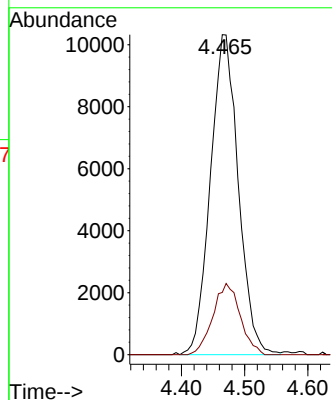
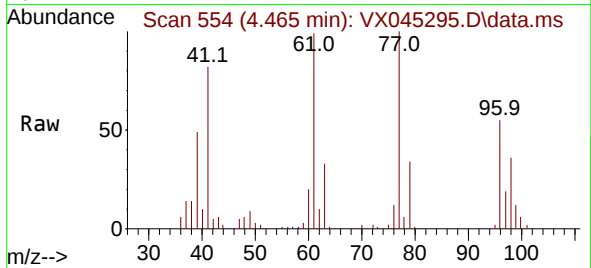




#31
2,2-Dichloropropane
Concen: 18.440 ug/l
RT: 4.465 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

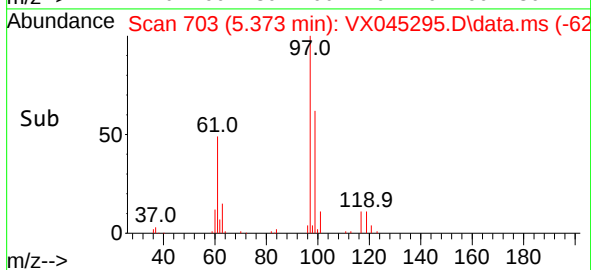
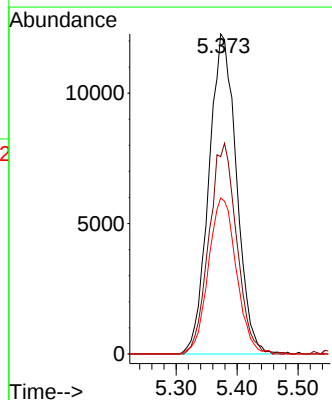
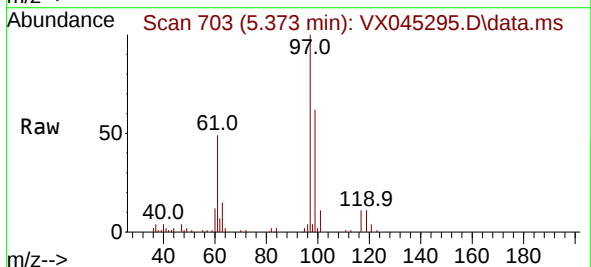
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

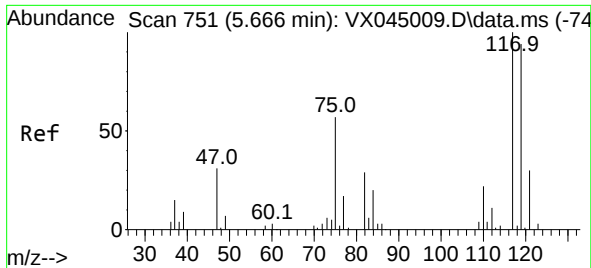
Tgt Ion: 77 Resp: 31661
Ion Ratio Lower Upper
77 100
97 21.8 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 20.975 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 97 Resp: 38591
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.2
61 49.1 38.5 57.7

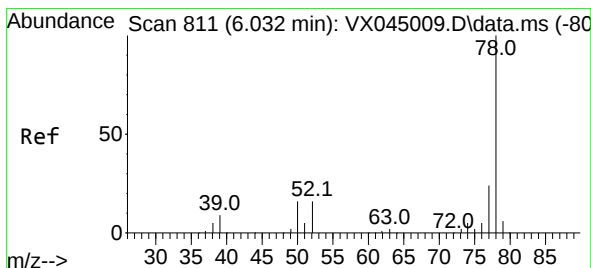
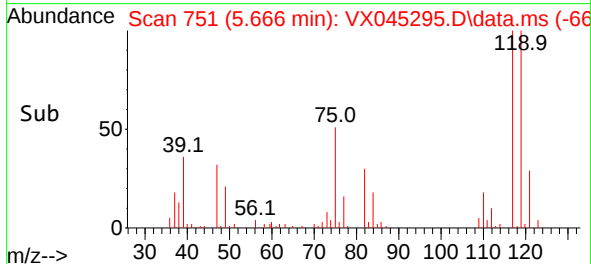
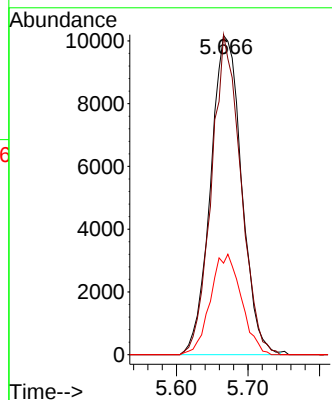
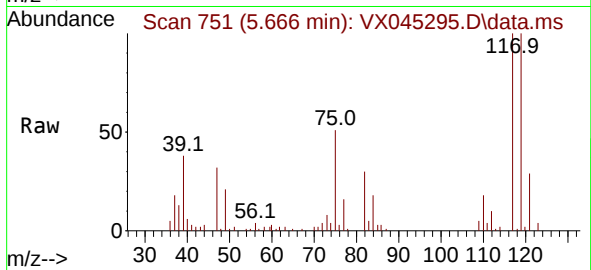




#33
Carbon Tetrachloride
Concen: 19.753 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

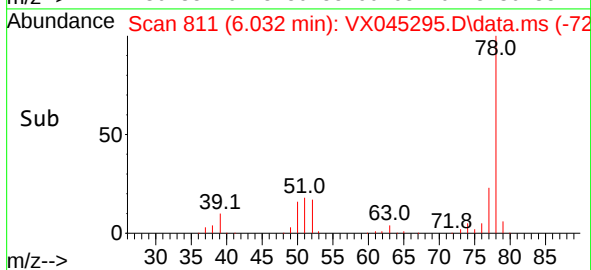
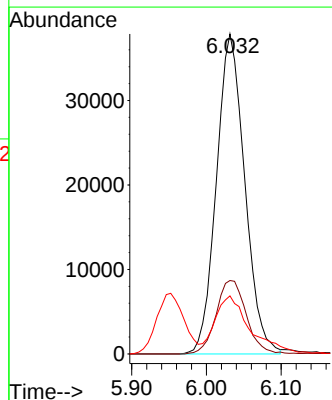
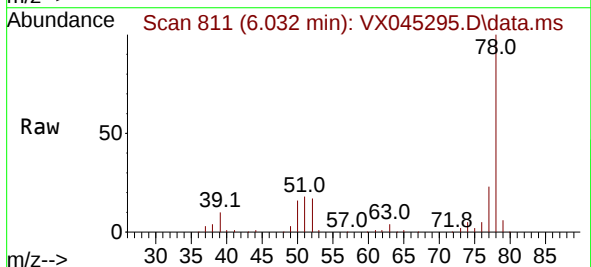
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 30671
Ion Ratio Lower Upper
117 100
119 100.2 75.1 112.7
121 28.7 23.9 35.9



#34
Benzene
Concen: 20.980 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 78 Resp: 99904
Ion Ratio Lower Upper
78 100
77 22.9 19.6 29.4
51 15.8 13.8 20.6

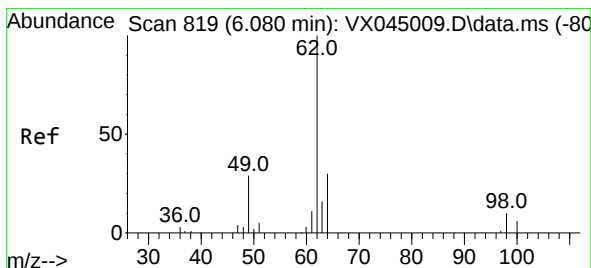
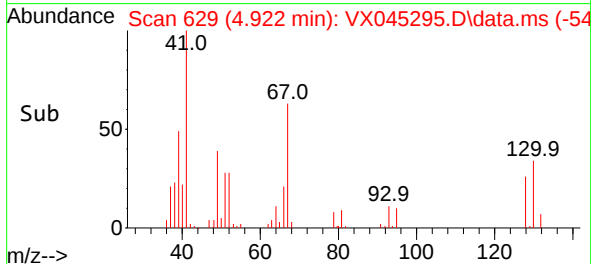
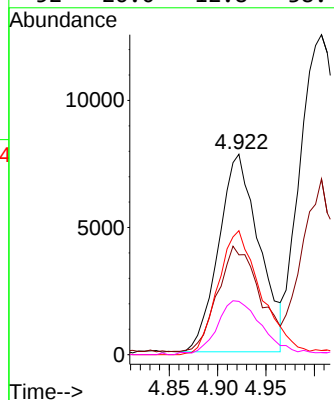
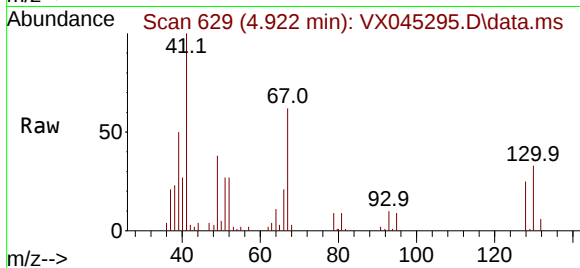




#35
Methacrylonitrile
Concen: 24.119 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

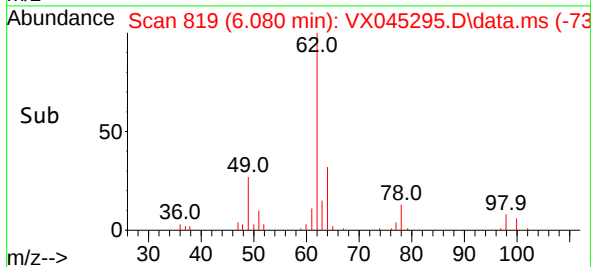
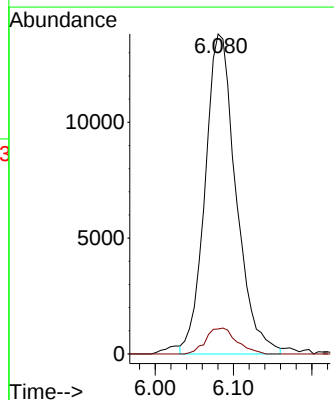
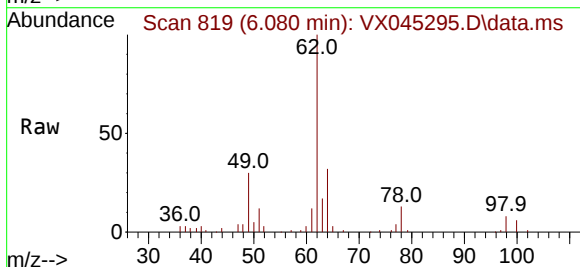
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

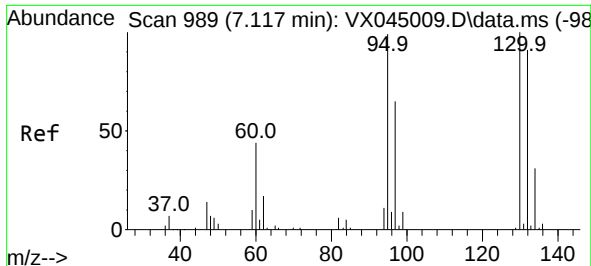
Tgt Ion: 41	Resp: 22637
Ion Ratio	Lower Upper
41 100	
39 48.9	27.8 83.4
67 62.8	31.5 94.5
52 26.0	12.8 38.4



#36
1,2-Dichloroethane
Concen: 23.245 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 62	Resp: 37897
Ion Ratio	Lower Upper
62 100	
98 8.1	7.9 11.9





#37

Trichloroethene

Concen: 20.566 ug/l

RT: 7.123 min Scan# 989

Delta R.T. 0.006 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

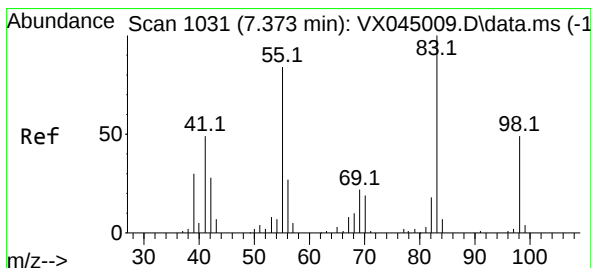
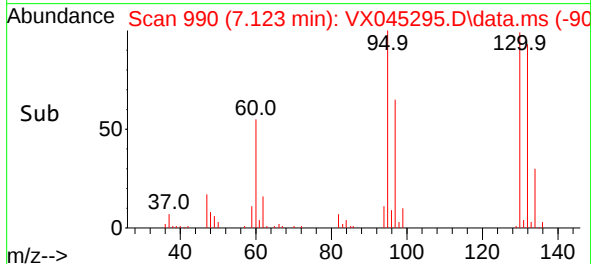
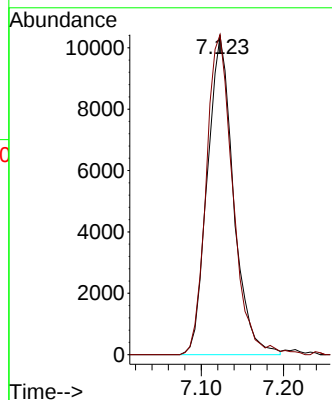
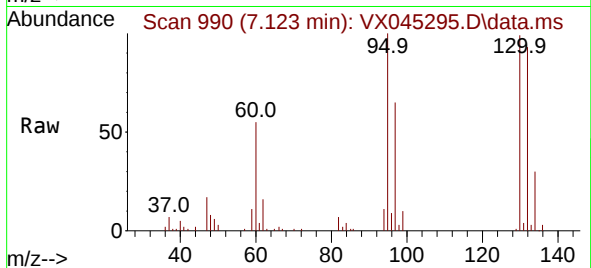
VSTDCCC020EC

Tgt Ion:130 Resp: 22911

Ion Ratio Lower Upper

130 100

95 100.5 79.0 118.4



#38

Methylcyclohexane

Concen: 19.849 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

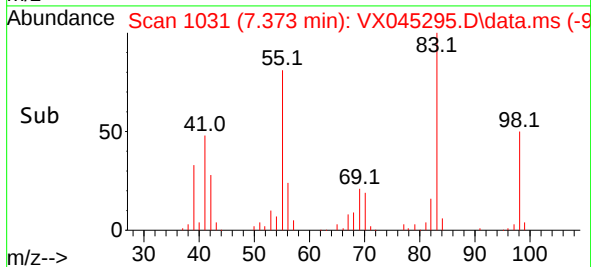
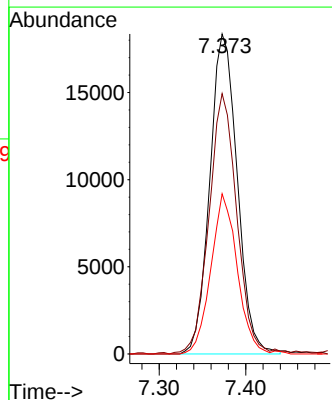
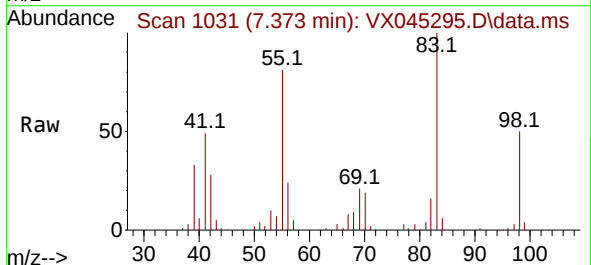
Tgt Ion: 83 Resp: 40469

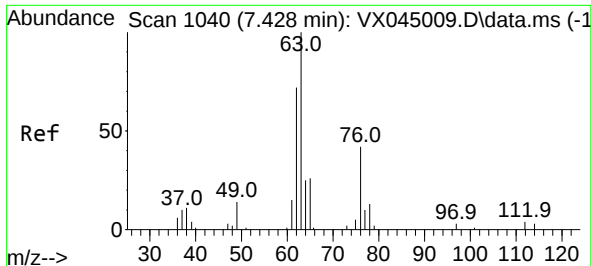
Ion Ratio Lower Upper

83 100

55 81.8 40.6 122.0

98 47.9 24.9 74.6





#39

1,2-Dichloropropane

Concen: 21.310 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

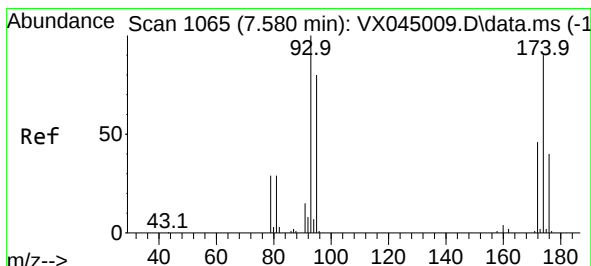
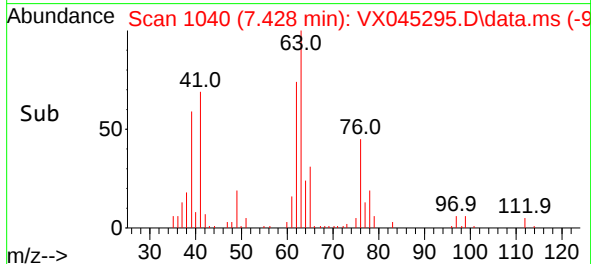
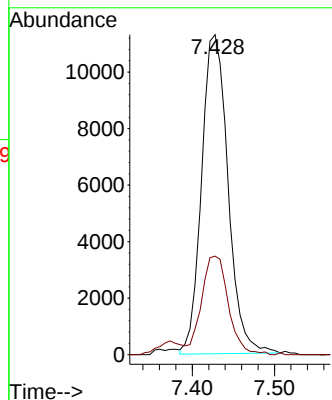
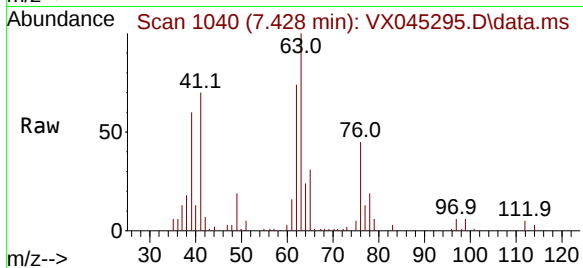
VSTDCCC020EC

Tgt Ion: 63 Resp: 25228

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#40

Dibromomethane

Concen: 21.502 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

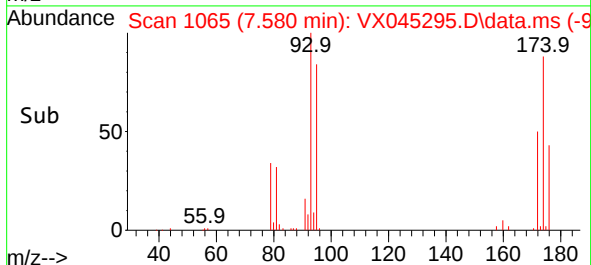
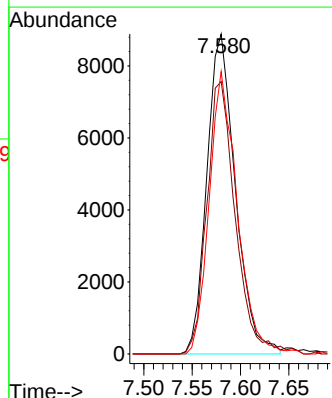
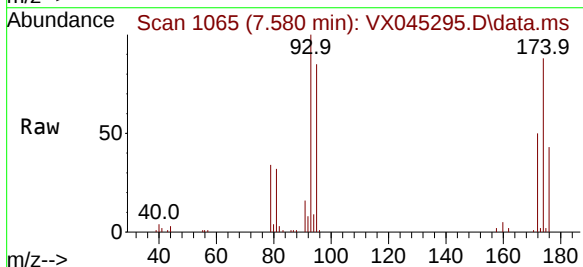
Tgt Ion: 93 Resp: 18267

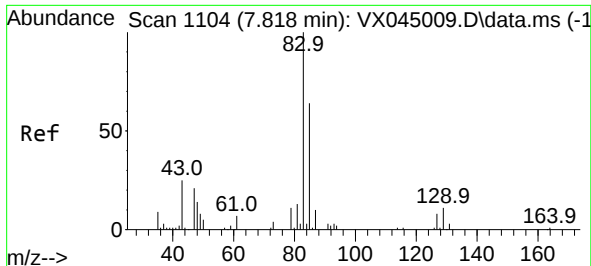
Ion Ratio Lower Upper

93 100

95 84.6 0.0 162.6

174 86.1 0.0 178.8

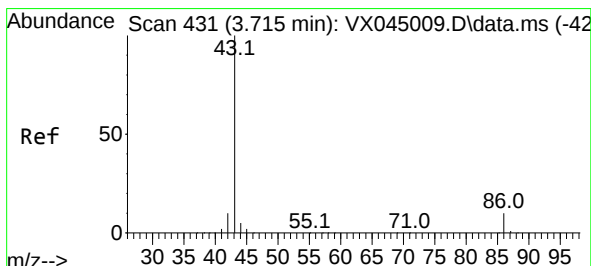
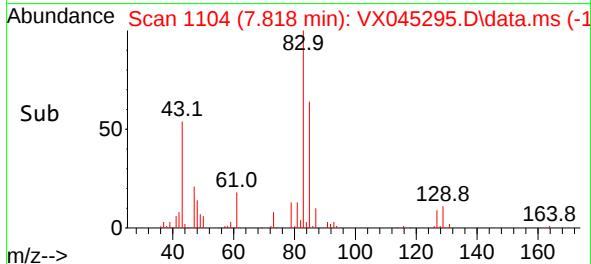
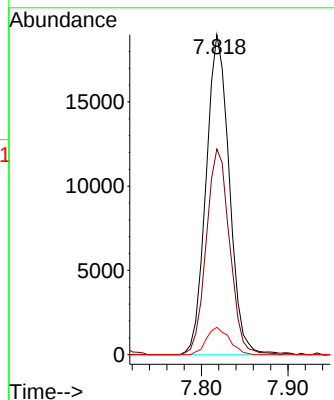
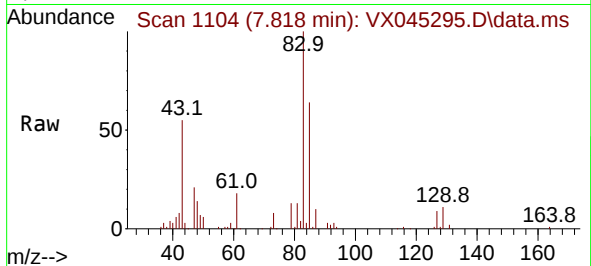




#41
Bromodichloromethane
Concen: 20.921 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

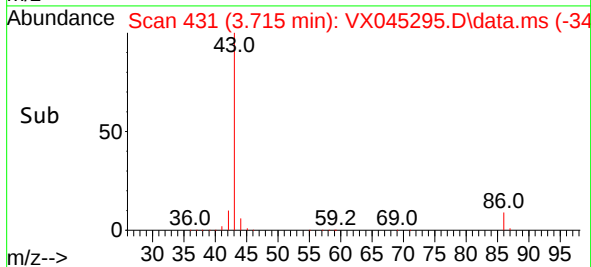
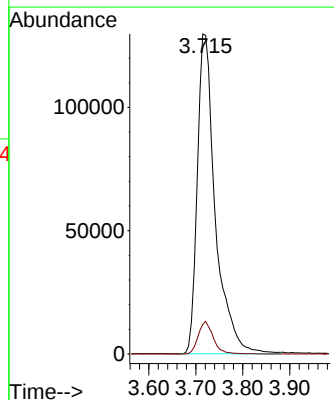
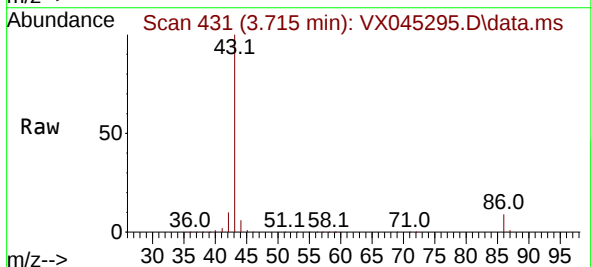
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

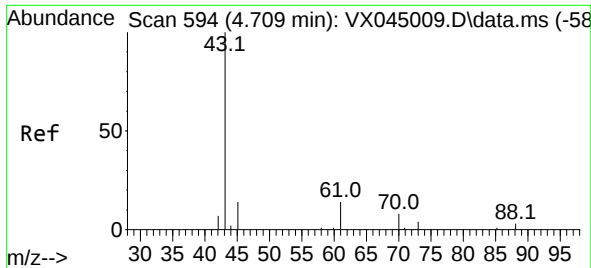
Tgt Ion: 83 Resp: 35324
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.6
127 8.6 6.1 9.1



#42
Vinyl Acetate
Concen: 102.018 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 43 Resp: 347216
Ion Ratio Lower Upper
43 100
86 8.4 7.0 10.4

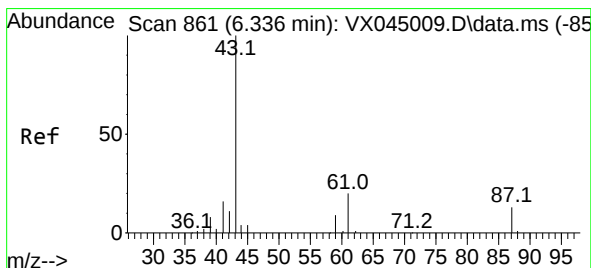
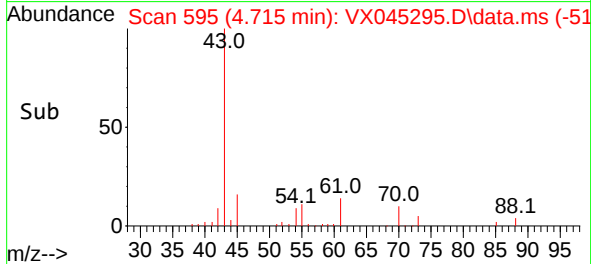
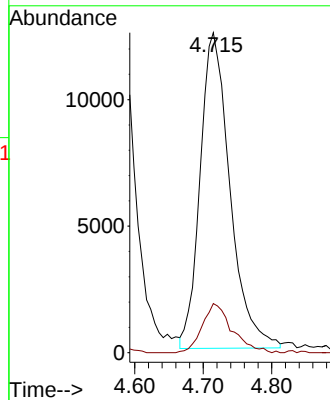
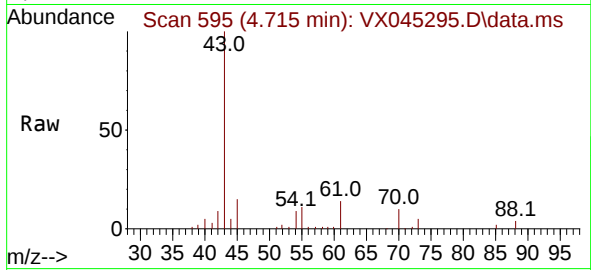




#43
Ethyl Acetate
Concen: 23.006 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

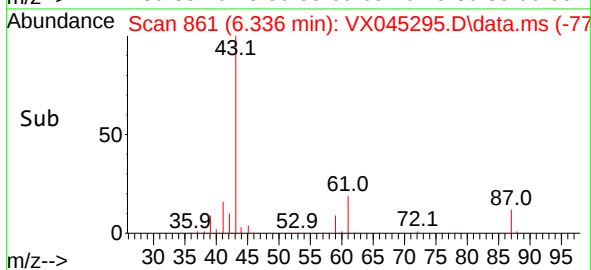
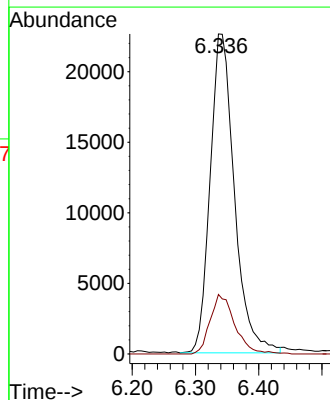
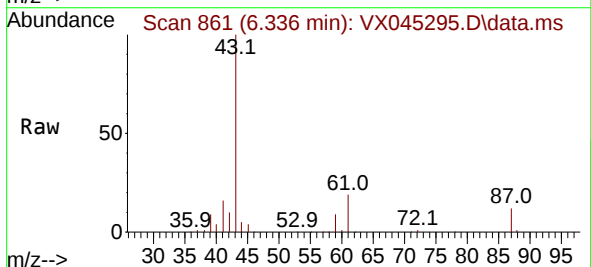
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

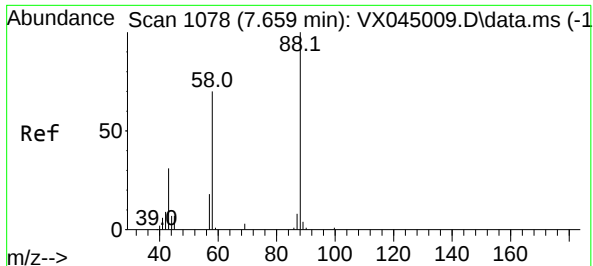
Tgt Ion: 43 Resp: 37840
Ion Ratio Lower Upper
43 100
45 15.3 12.7 19.1



#44
Isopropyl Acetate
Concen: 22.230 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 43 Resp: 60179
Ion Ratio Lower Upper
43 100
61 19.0 15.5 23.3

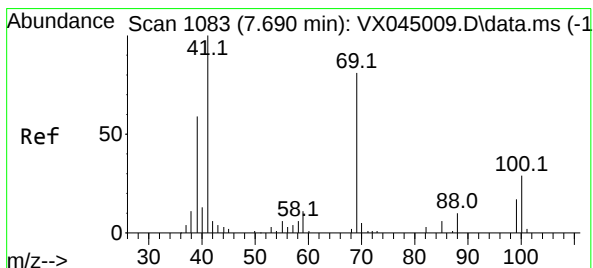
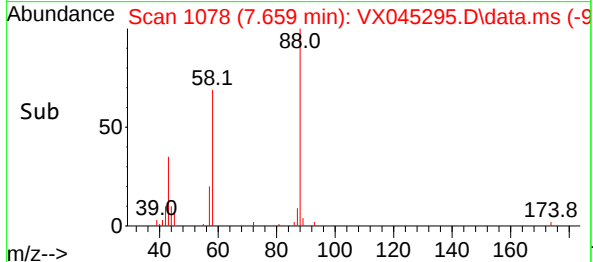
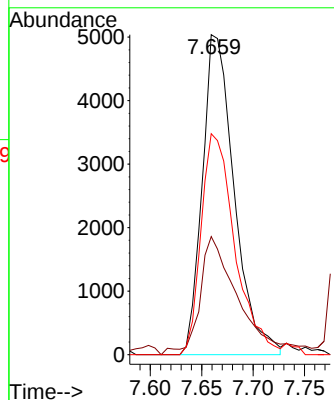
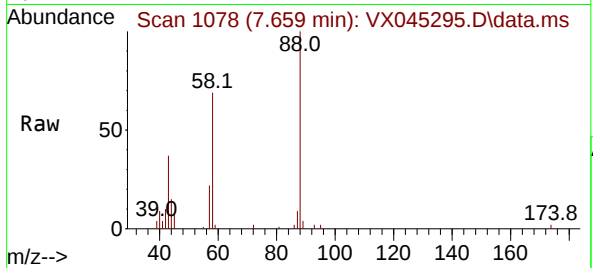




#45
1,4-Dioxane
Concen: 387.082 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

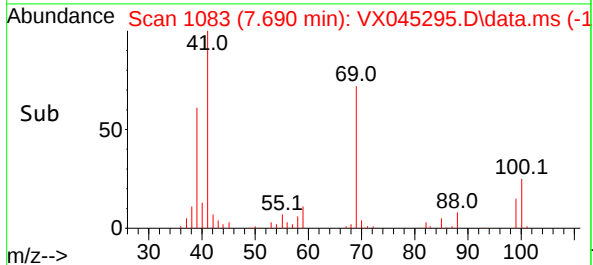
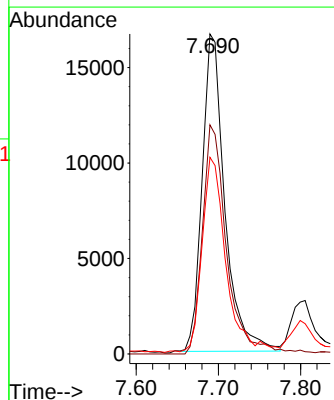
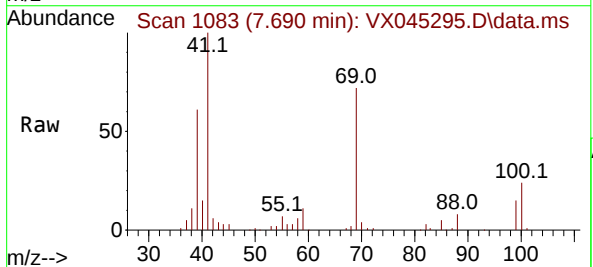
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

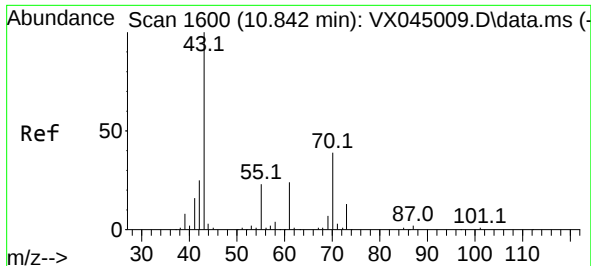
Tgt Ion:	88	Resp:	10893
Ion	Ratio	Lower	Upper
88	100		
43	38.2	29.6	44.4
58	72.9	56.2	84.4



#46
Methyl methacrylate
Concen: 24.018 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:	41	Resp:	31882
Ion	Ratio	Lower	Upper
41	100		
69	72.3	40.7	122.1
39	61.3	29.5	88.5

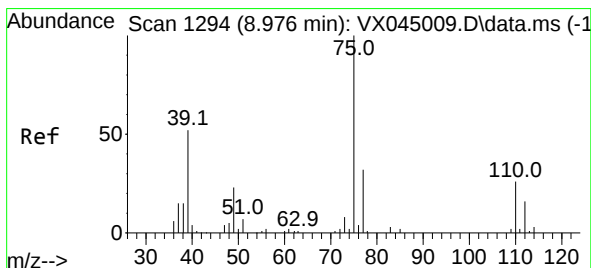
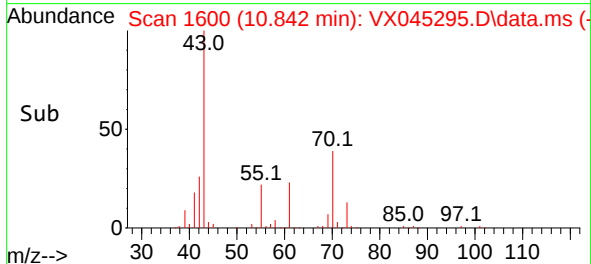
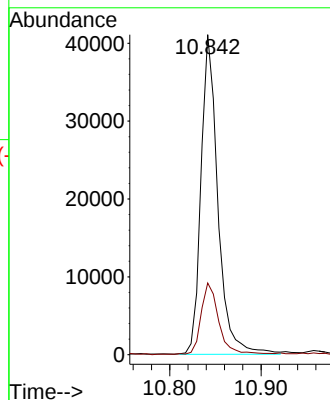
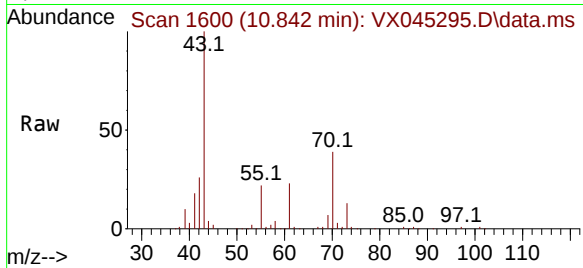




#47
n-amyl acetate
Concen: 22.414 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

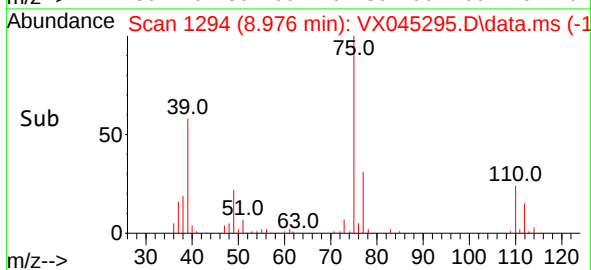
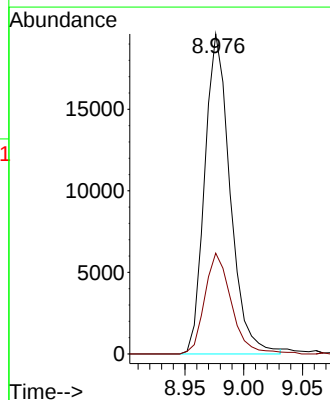
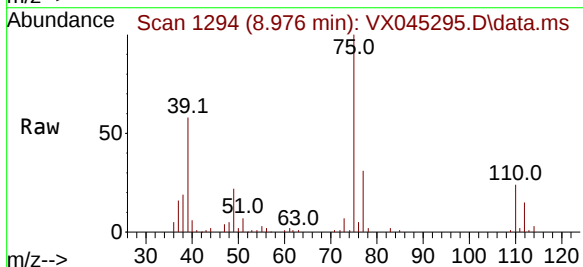
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

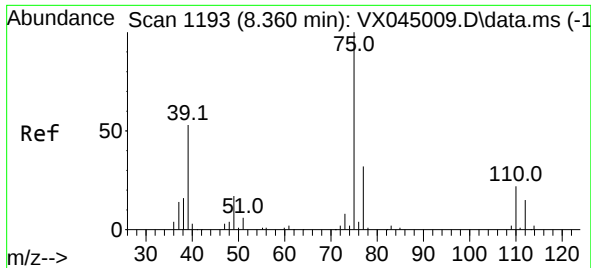
Tgt Ion: 43 Resp: 52652
Ion Ratio Lower Upper
43 100
55 22.2 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 18.106 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 75 Resp: 29468
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

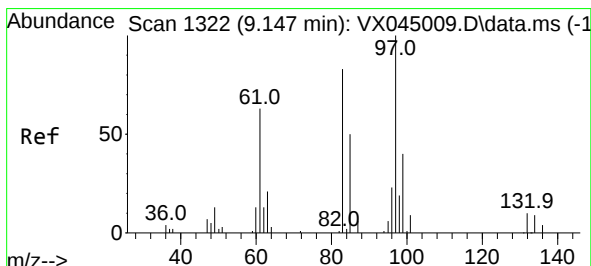
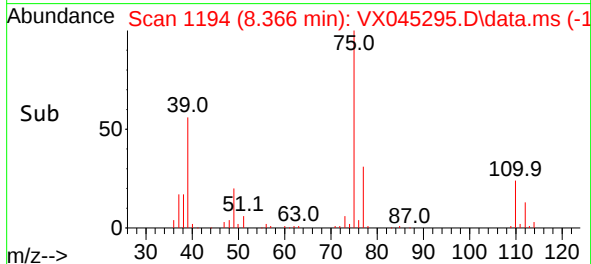
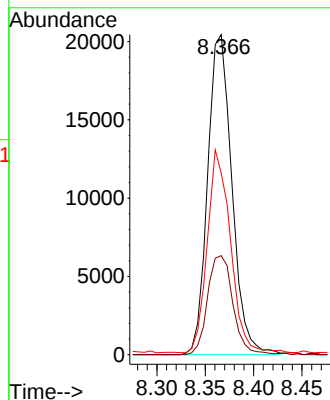
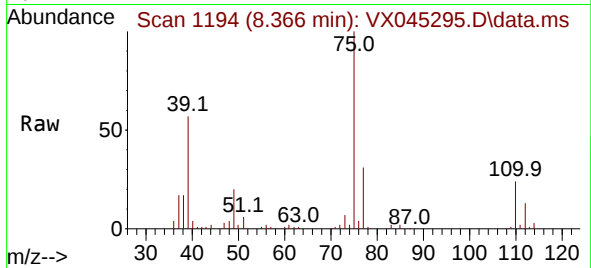




#49
 cis-1,3-Dichloropropene
 Concen: 19.433 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

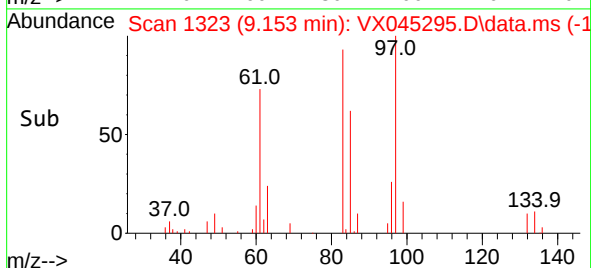
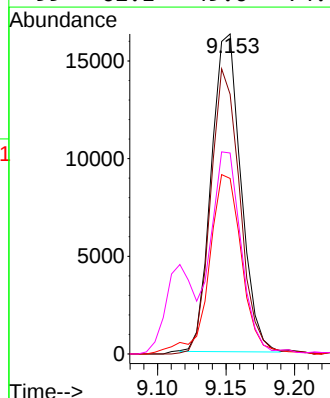
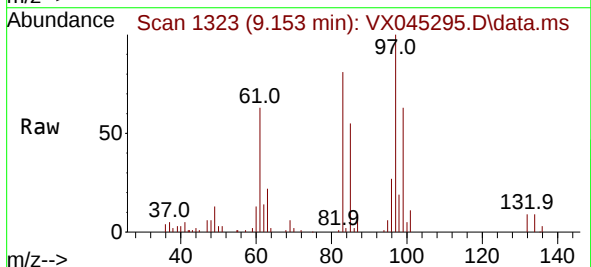
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

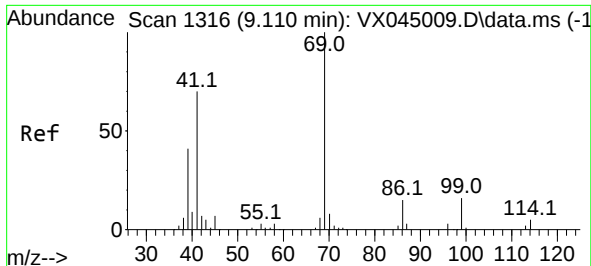
Tgt Ion: 75 Resp: 35803
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.9 38.9
 39 56.1 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 22.064 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

Tgt Ion: 97 Resp: 24449
 Ion Ratio Lower Upper
 97 100
 83 81.5 66.0 99.0
 85 54.2 42.5 63.7
 99 62.1 49.6 74.4

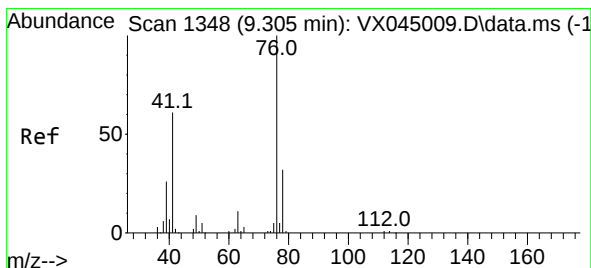
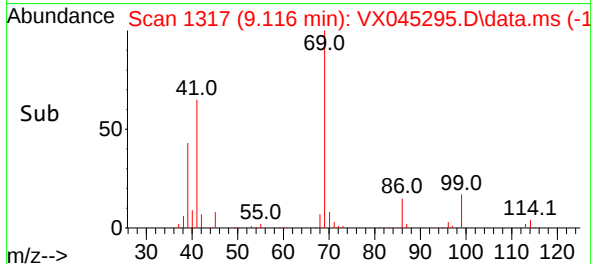
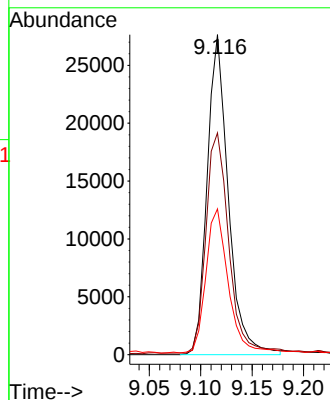
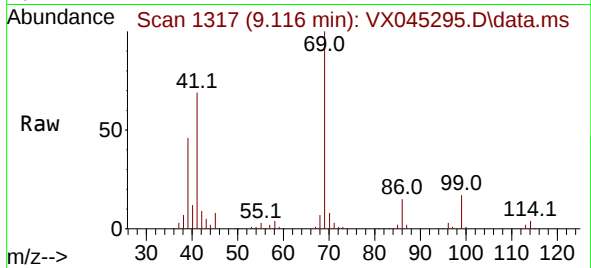




#51
Ethyl methacrylate
Concen: 22.716 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

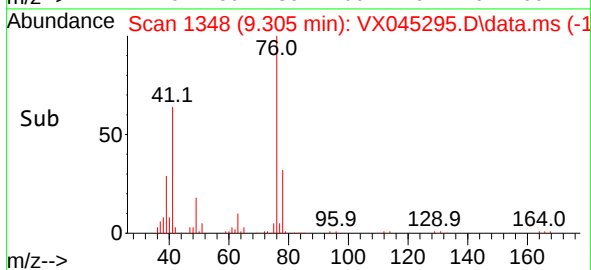
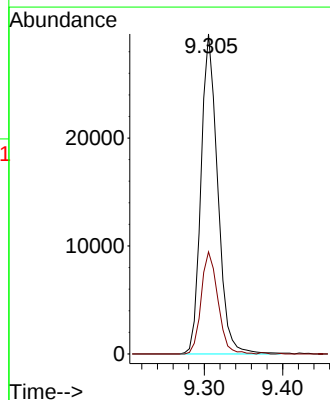
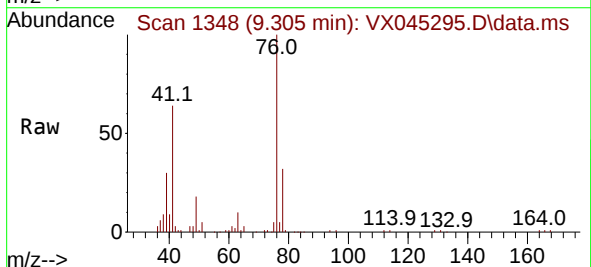
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

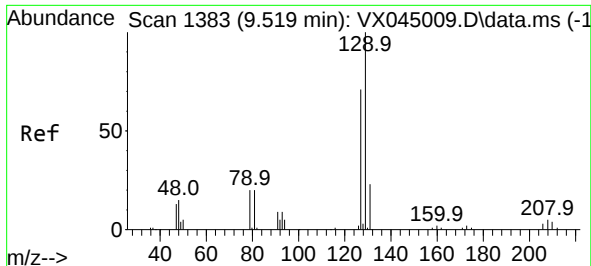
Tgt Ion: 69 Resp: 39589
Ion Ratio Lower Upper
69 100
41 68.8 35.1 105.3
39 45.0 20.5 61.6



#52
1,3-Dichloropropane
Concen: 22.620 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 76 Resp: 43921
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6

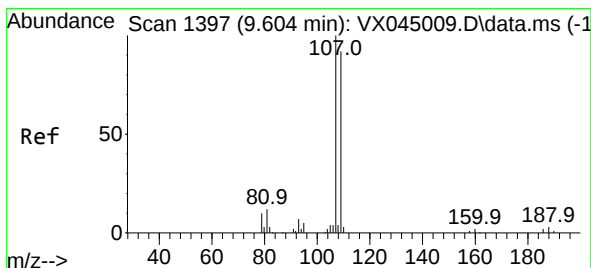
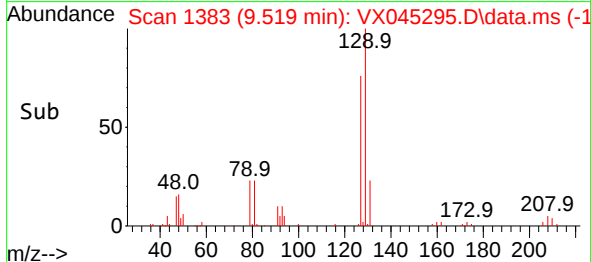
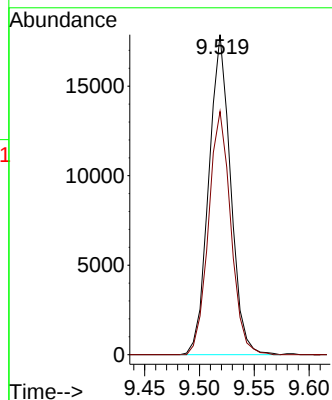
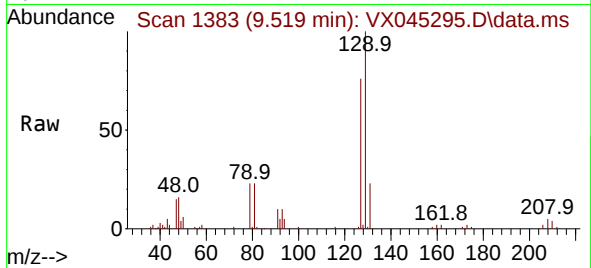




#53
Dibromochloromethane
Concen: 20.221 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

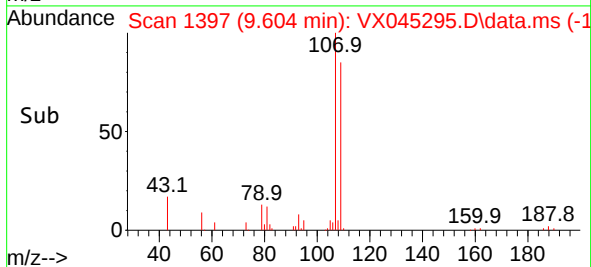
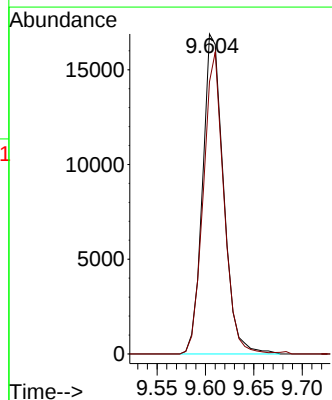
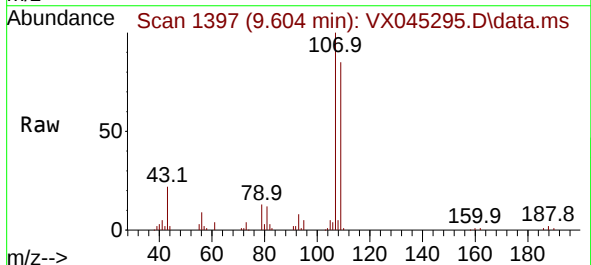
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 24782
Ion Ratio Lower Upper
129 100
127 77.4 37.3 111.9



#54
1,2-Dibromoethane
Concen: 22.653 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:107 Resp: 25490
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8

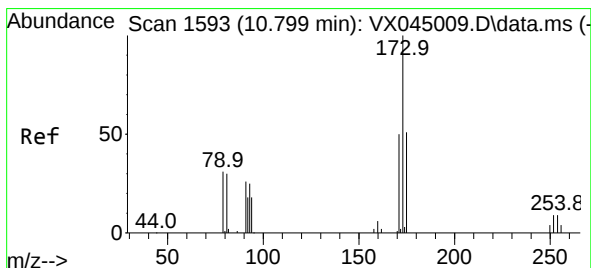
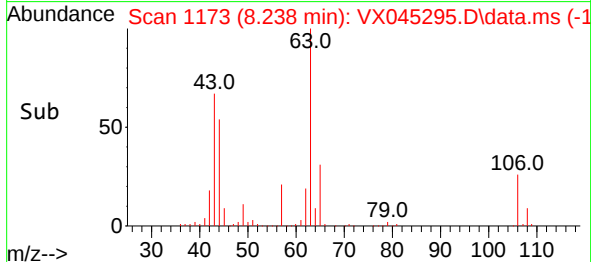
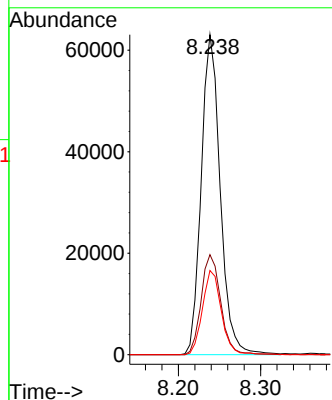
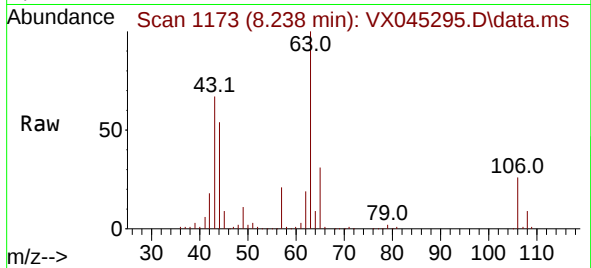




#55
2-Chloroethyl vinyl ether
Concen: 113.312 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

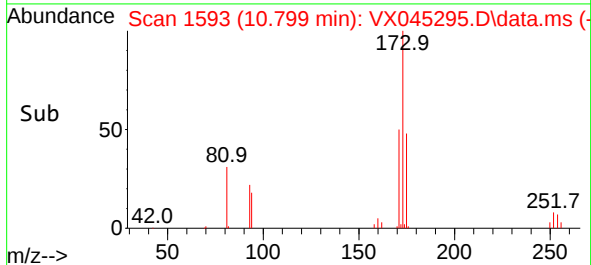
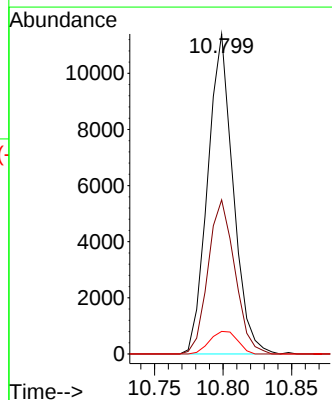
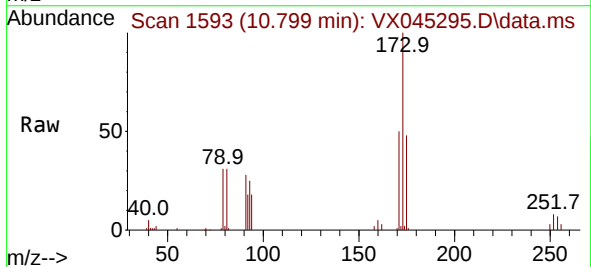
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

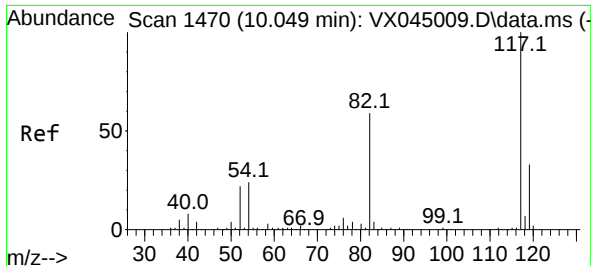
Tgt Ion: 63 Resp: 101410
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 25.8 21.2 31.8



#56
Bromoform
Concen: 19.202 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 173 Resp: 14747
Ion Ratio Lower Upper
173 100
175 50.6 39.6 59.4
254 7.7 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

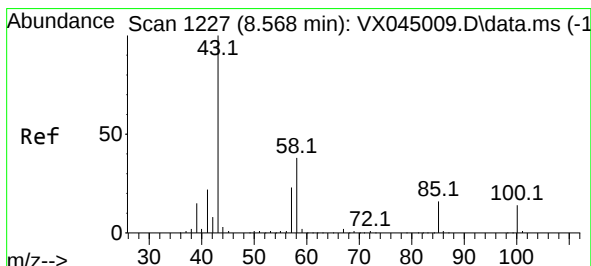
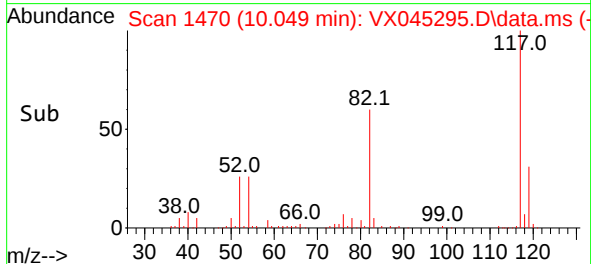
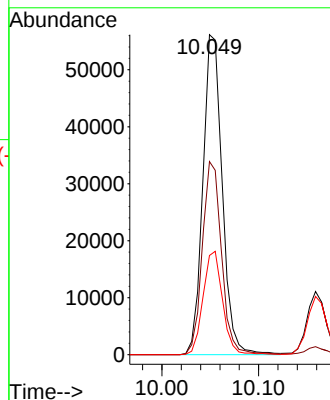
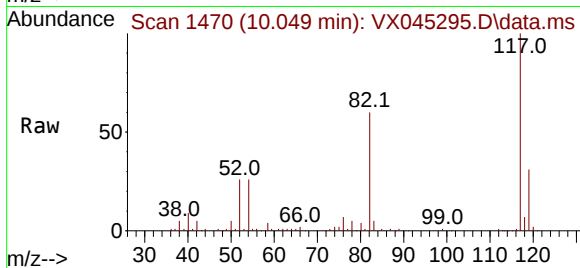
Tgt Ion:117 Resp: 78499

Ion Ratio Lower Upper

117 100

82 59.8 45.8 68.8

119 32.6 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 121.798 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

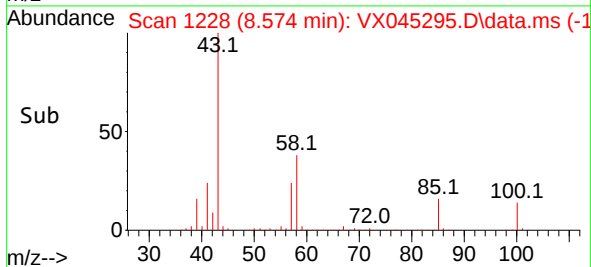
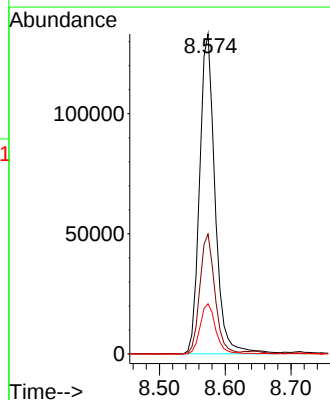
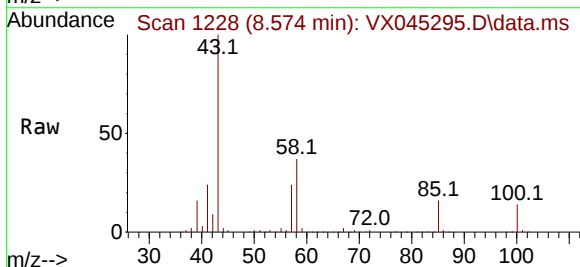
Tgt Ion: 43 Resp: 217493

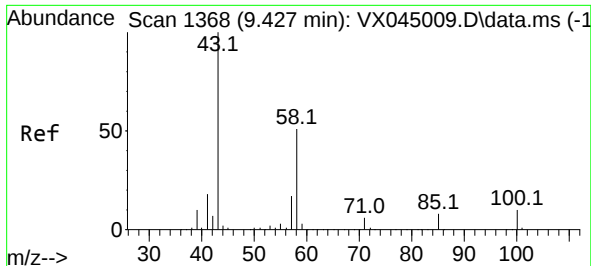
Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3

85 15.8 12.9 19.3





#59

2-Hexanone

Concen: 123.031 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

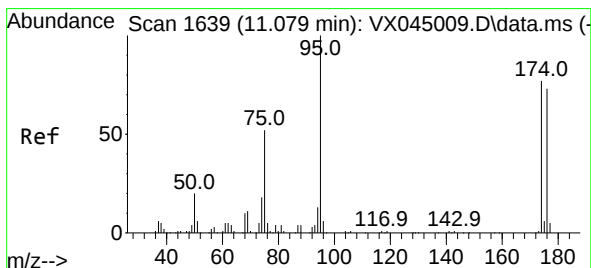
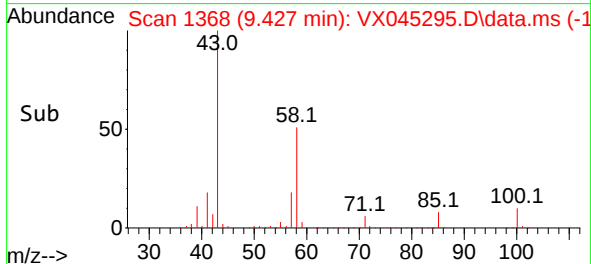
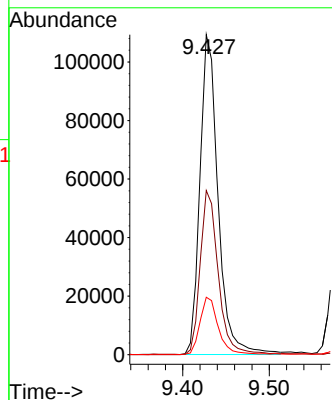
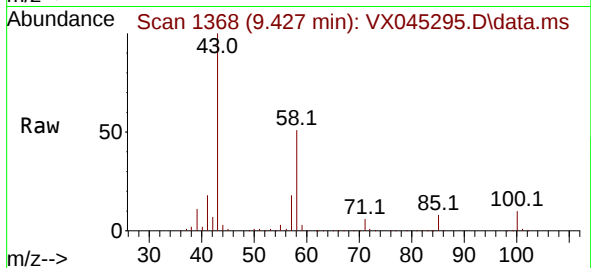
Tgt Ion: 43 Resp: 158798

Ion Ratio Lower Upper

43 100

58 51.2 41.6 62.4

57 18.2 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 31.077 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

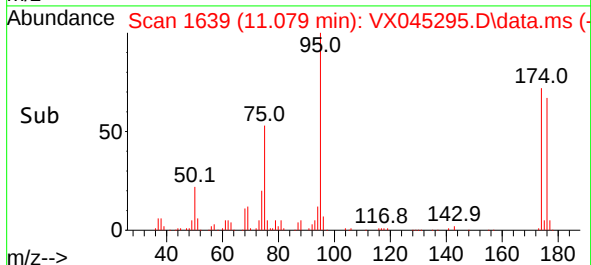
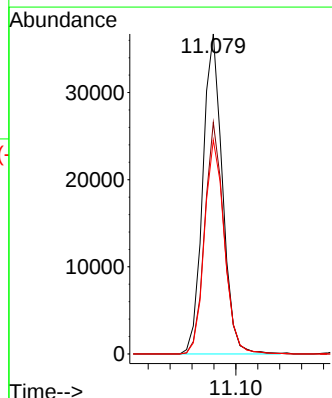
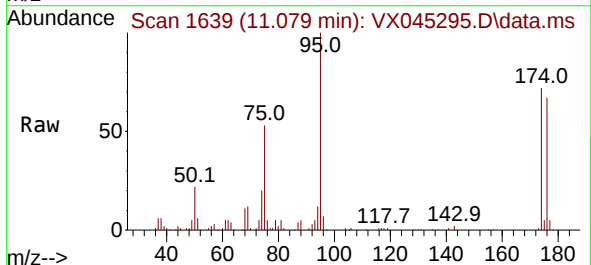
Tgt Ion: 95 Resp: 45598

Ion Ratio Lower Upper

95 100

174 70.9 59.5 89.3

176 68.1 55.5 83.3

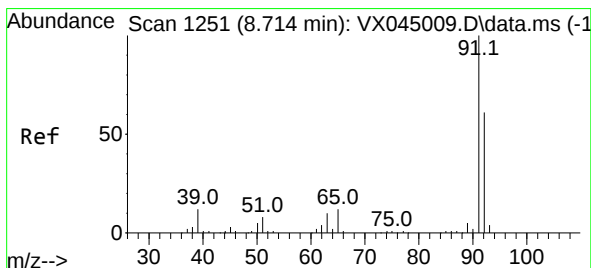
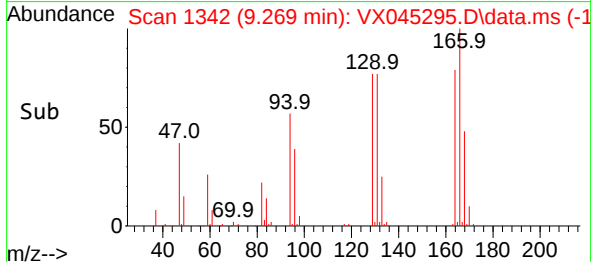
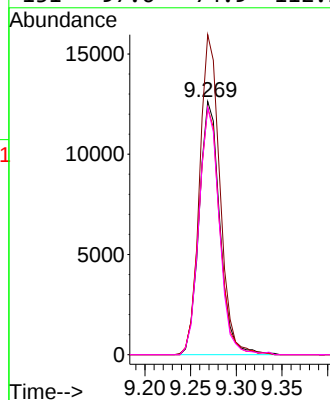
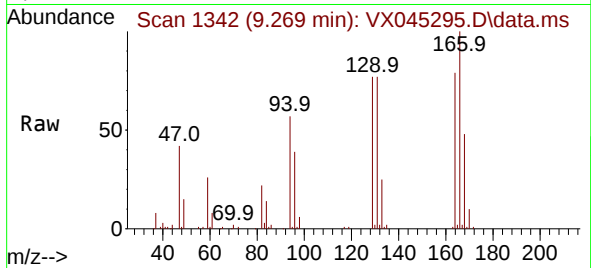




#61
Tetrachloroethene
Concen: 20.551 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

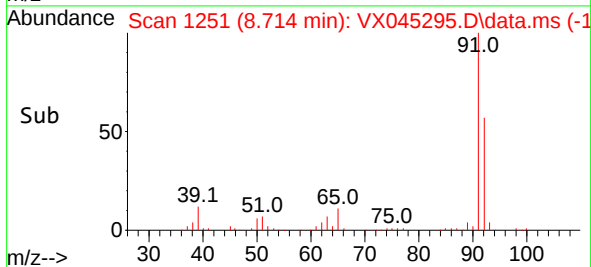
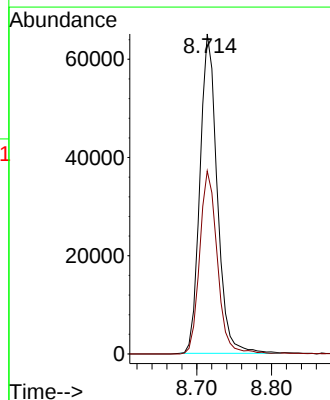
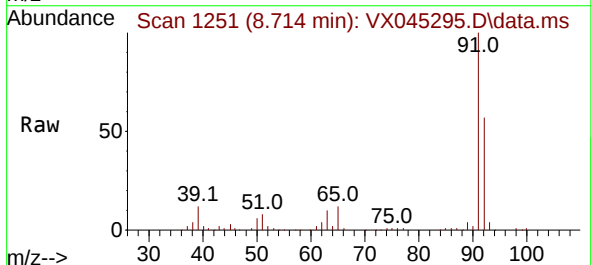
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

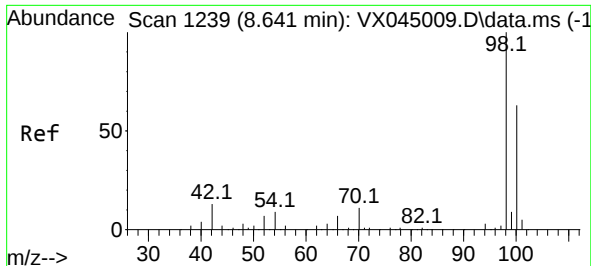
Tgt Ion:164 Resp: 19865
Ion Ratio Lower Upper
164 100
166 126.4 100.3 150.5
129 97.7 75.5 113.3
131 97.6 74.9 112.3



#62
Toluene
Concen: 20.077 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 91 Resp: 104403
Ion Ratio Lower Upper
91 100
92 58.4 46.9 70.3

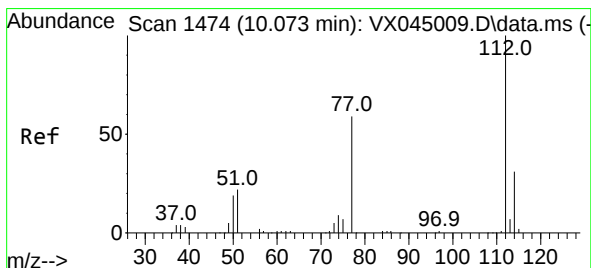
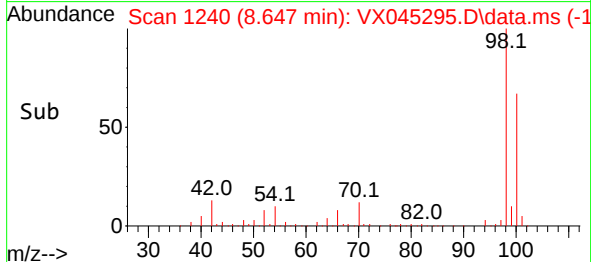
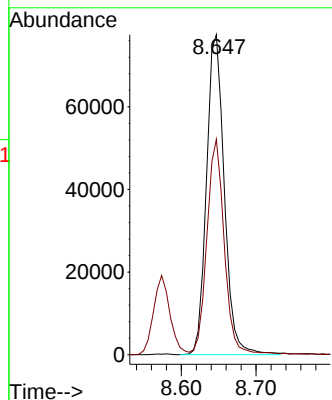
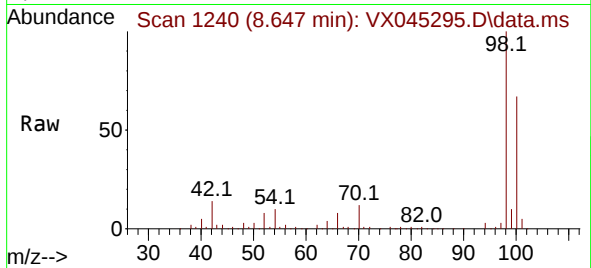




#63
Toluene-d8
Concen: 29.506 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

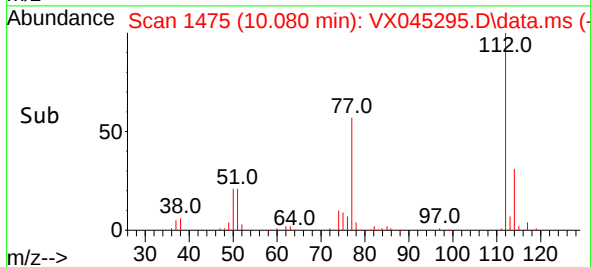
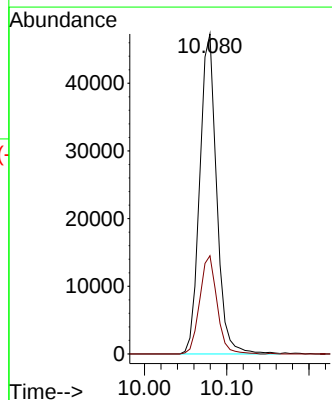
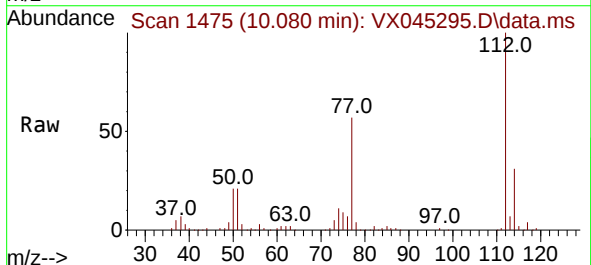
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 128136
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#64
Chlorobenzene
Concen: 20.956 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 112 Resp: 67527
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1

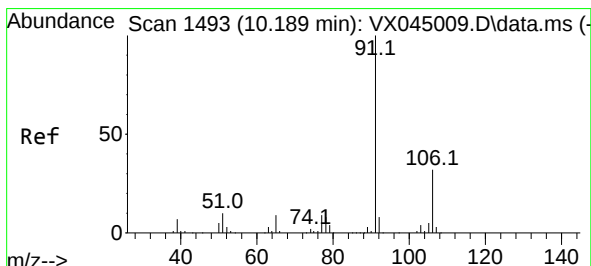
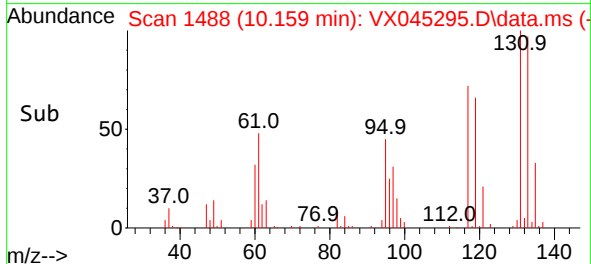
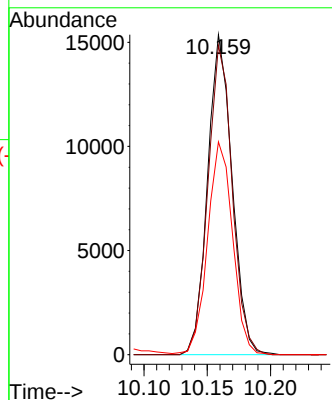
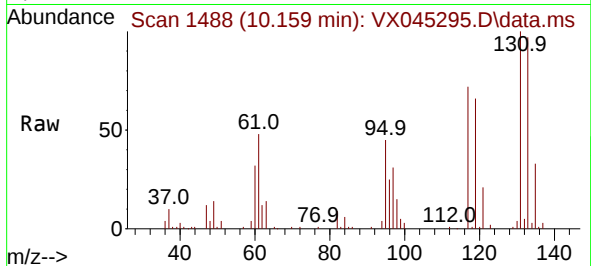




#65
1,1,1,2-Tetrachloroethane
Concen: 19.477 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

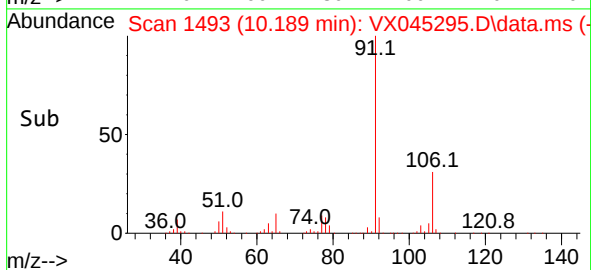
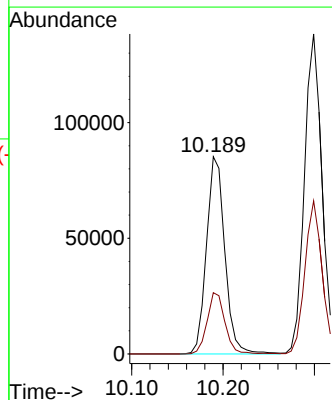
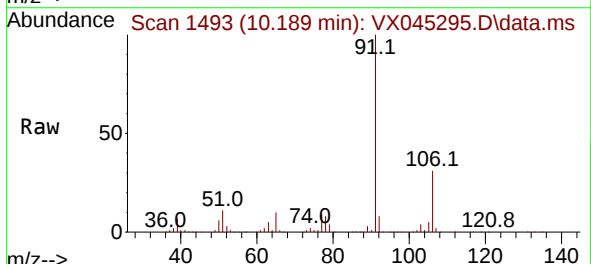
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

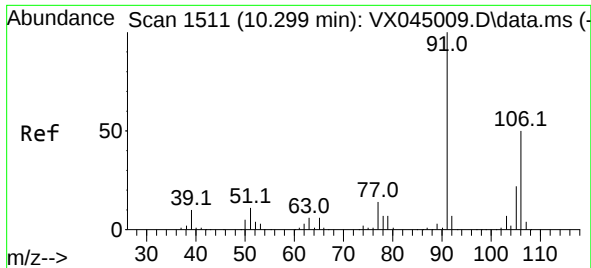
Tgt Ion:131 Resp: 20709
Ion Ratio Lower Upper
131 100
133 96.1 0.0 187.8
119 67.6 0.0 133.0



#66
Ethyl Benzene
Concen: 20.852 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 91 Resp: 118710
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

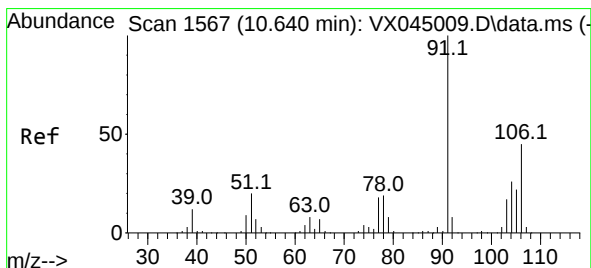
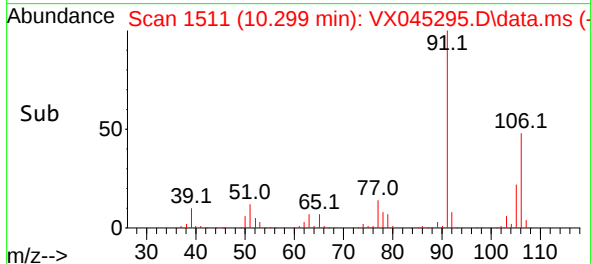
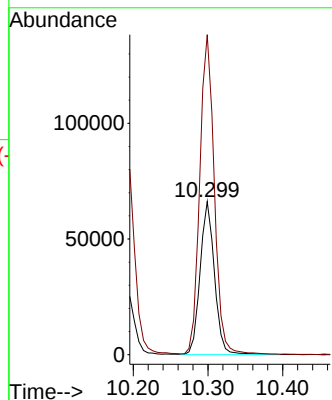
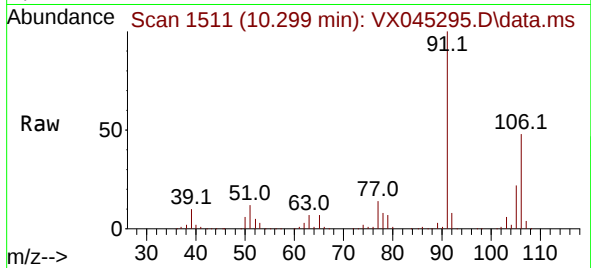




#67
m/p-Xylenes
Concen: 41.745 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

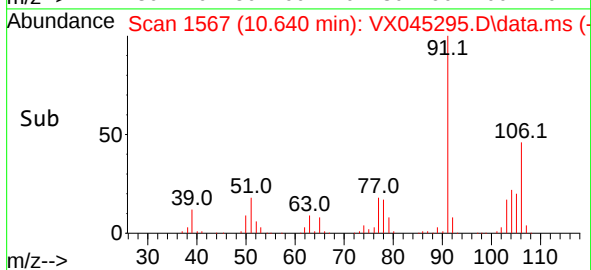
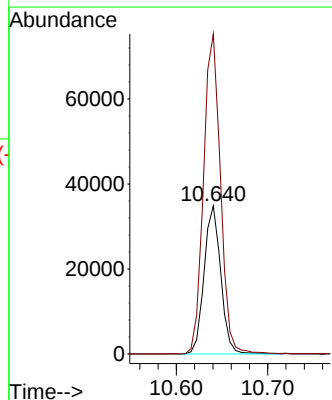
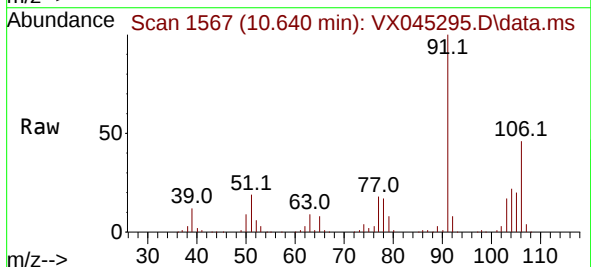
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

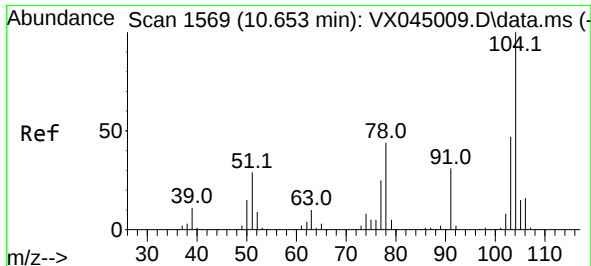
Tgt Ion:106 Resp: 88548
Ion Ratio Lower Upper
106 100
91 211.9 163.7 245.5



#68
o-Xylene
Concen: 21.243 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:106 Resp: 44210
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.1

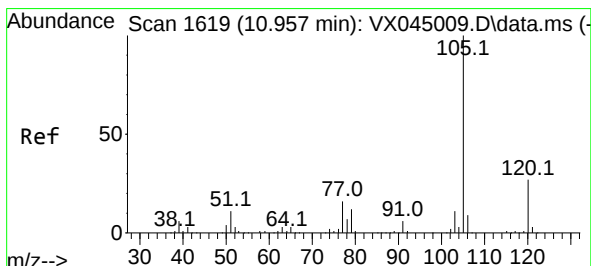
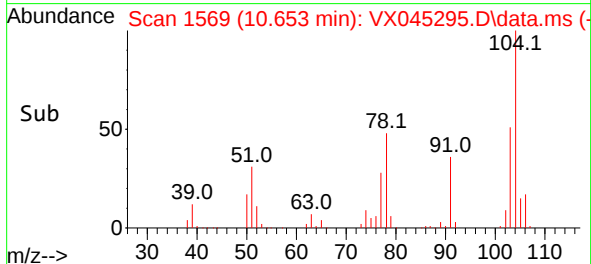
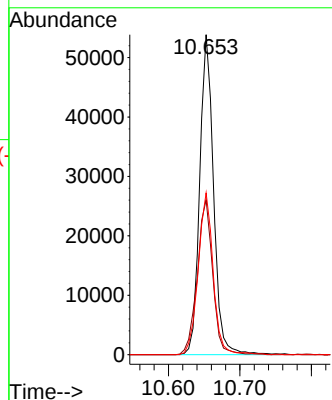
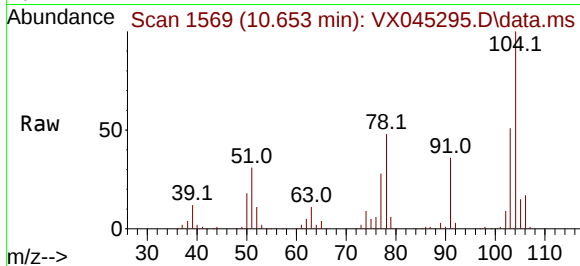




#69
Styrene
Concen: 20.872 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

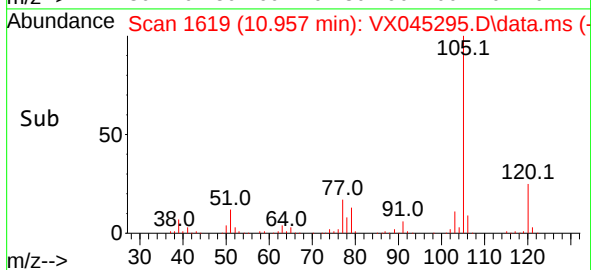
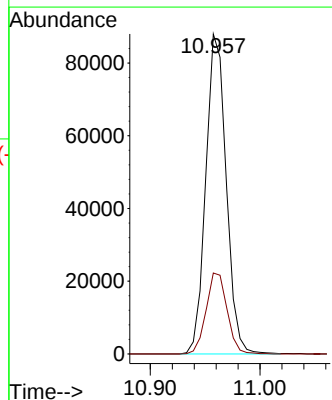
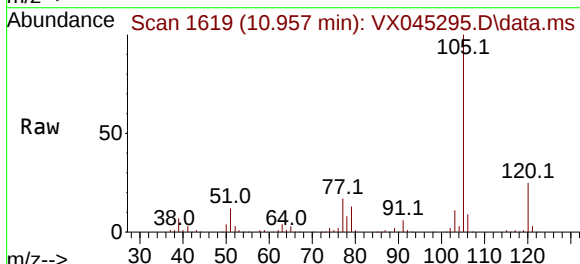
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

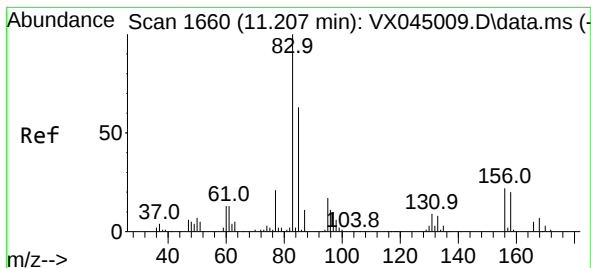
Tgt Ion:104 Resp: 72550
Ion Ratio Lower Upper
104 100
78 53.8 41.4 62.0
103 54.1 43.0 64.4



#70
Isopropylbenzene
Concen: 21.222 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:105 Resp: 113976
Ion Ratio Lower Upper
105 100
120 26.0 18.4 34.2

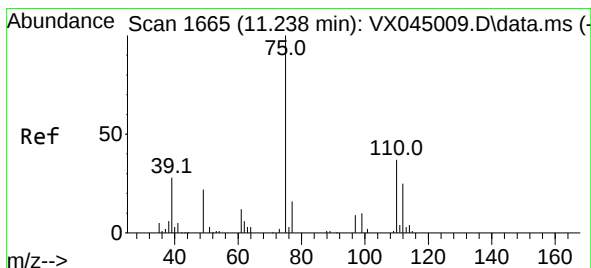
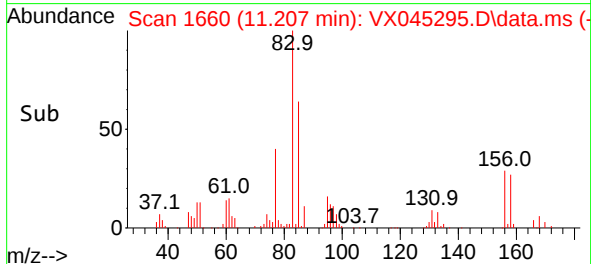
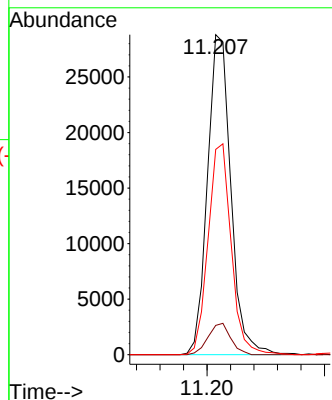
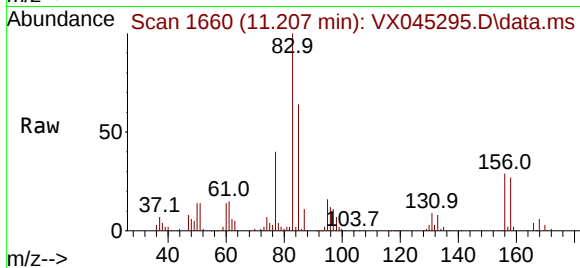




#71
1,1,2,2-Tetrachloroethane
Concen: 22.534 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

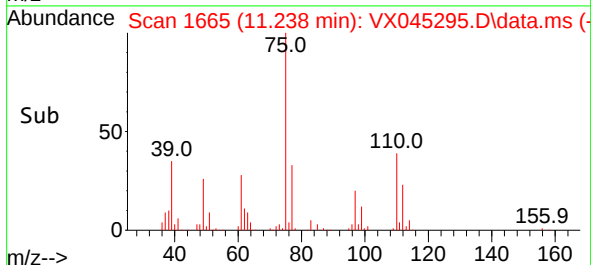
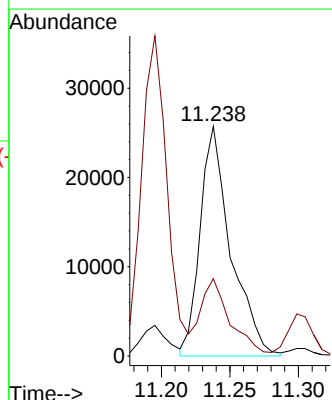
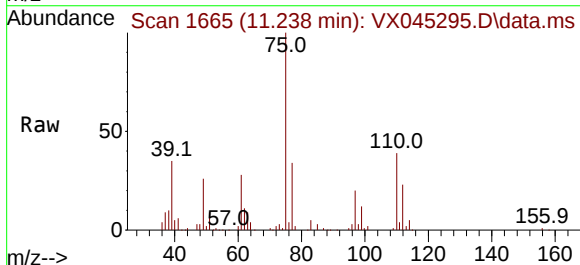
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

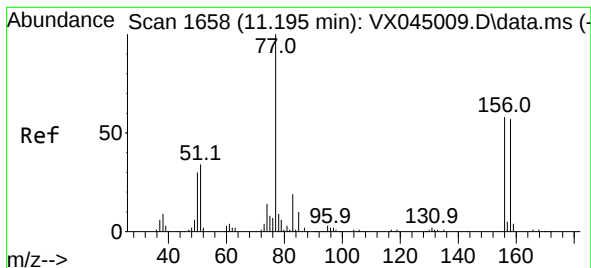
Tgt Ion: 83 Resp: 39796
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 65.1 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 27.620 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 75 Resp: 40120
Ion Ratio Lower Upper
75 100
77 33.0 0.0 84.0





#73

Bromobenzene

Concen: 20.854 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

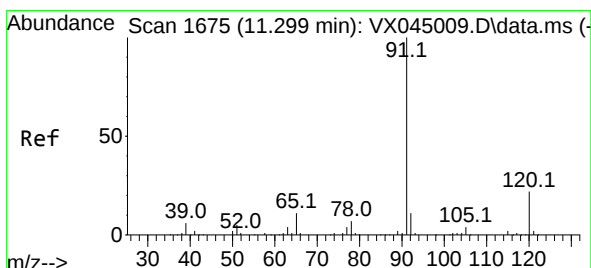
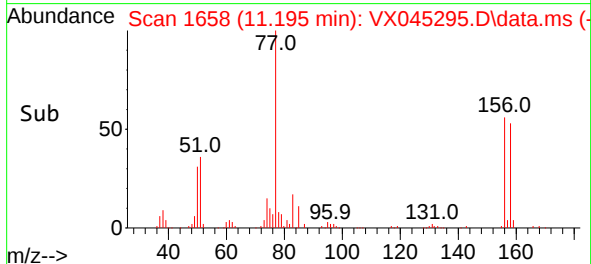
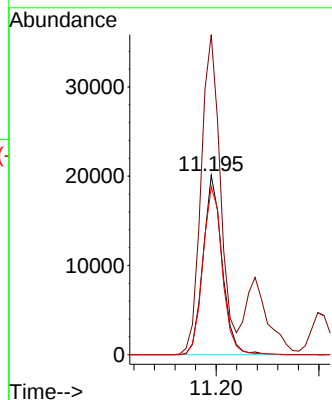
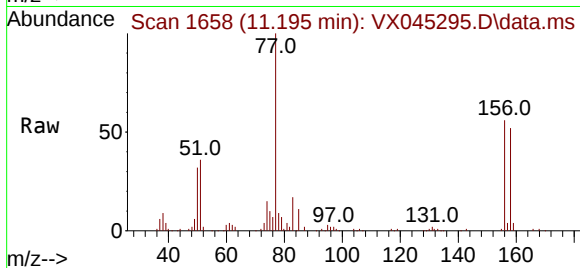
Tgt Ion:156 Resp: 25784

Ion Ratio Lower Upper

156 100

77 182.1 0.0 347.2

158 96.0 0.0 197.6



#74

n-propylbenzene

Concen: 21.220 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045295.D

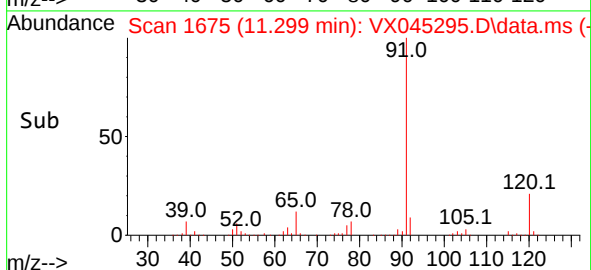
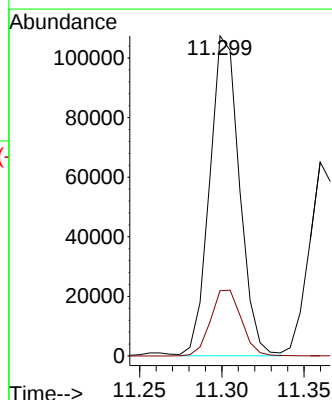
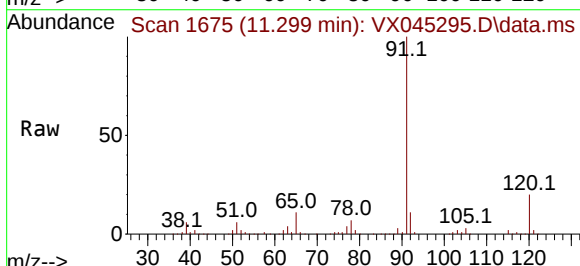
Acq: 14 Mar 2025 16:41

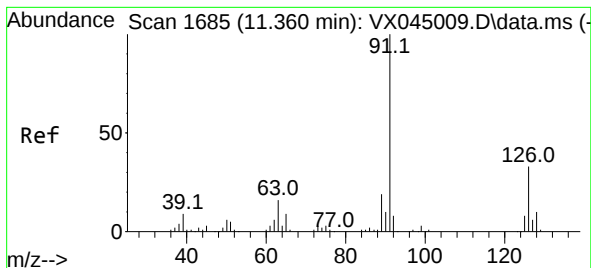
Tgt Ion: 91 Resp: 135620

Ion Ratio Lower Upper

91 100

120 21.2 0.0 44.2





#75

2-Chlorotoluene

Concen: 21.486 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

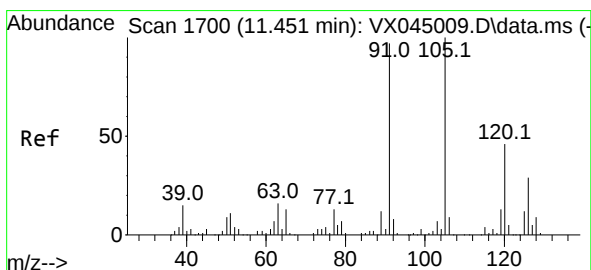
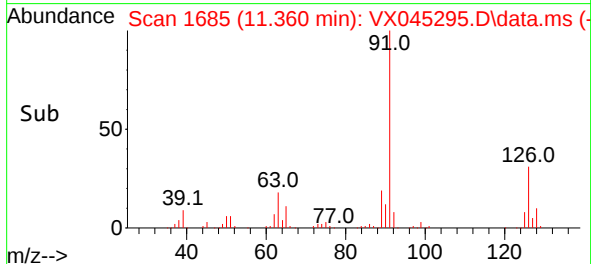
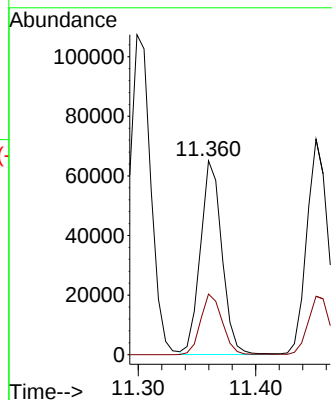
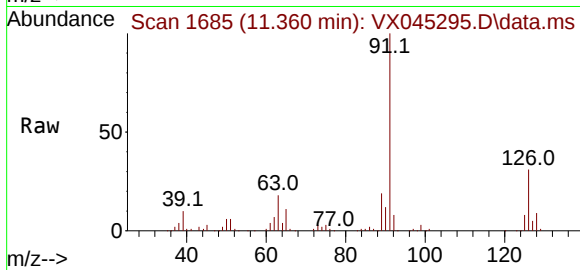
VSTDCCC020EC

Tgt Ion: 91 Resp: 83018

Ion Ratio Lower Upper

91 100

126 31.2 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 21.812 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045295.D

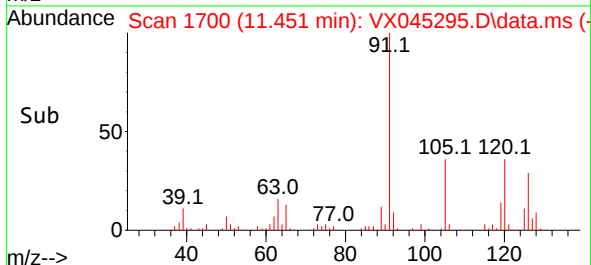
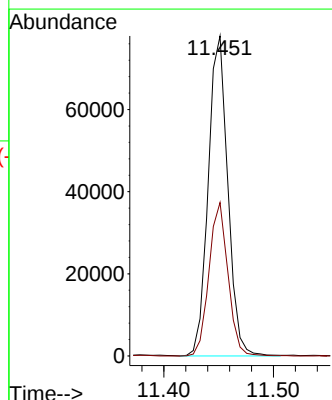
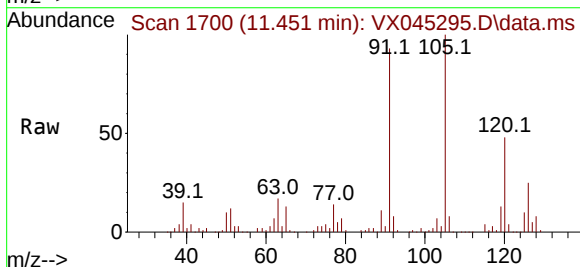
Acq: 14 Mar 2025 16:41

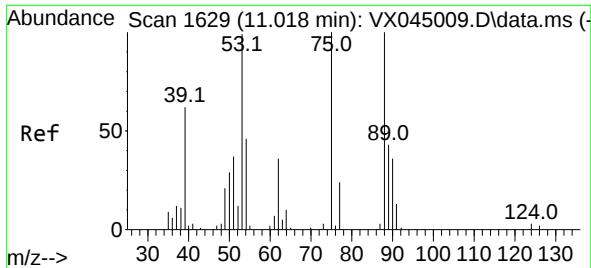
Tgt Ion:105 Resp: 96644

Ion Ratio Lower Upper

105 100

120 46.5 0.0 94.4

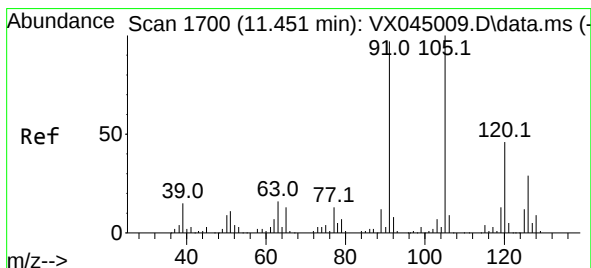
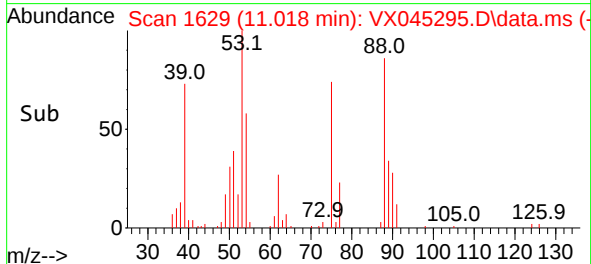
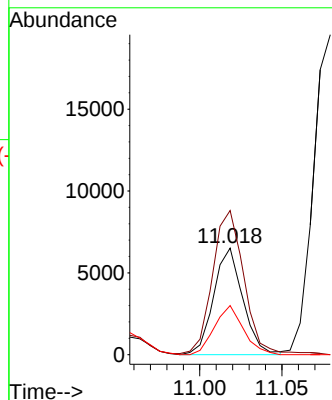
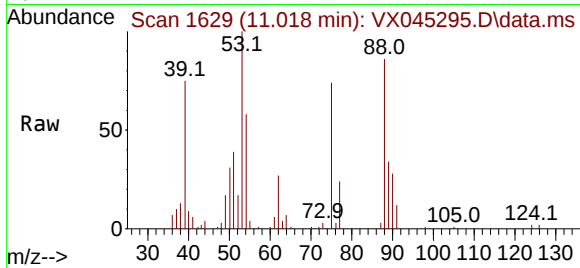




#77
t-1,4-Dichloro-2-butene
Concen: 16.490 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

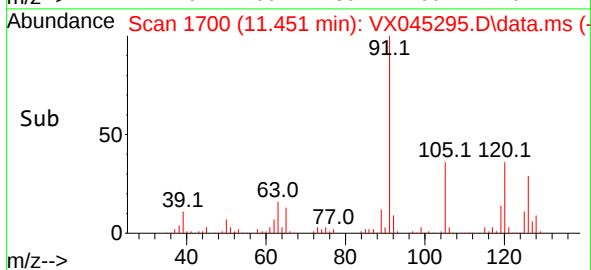
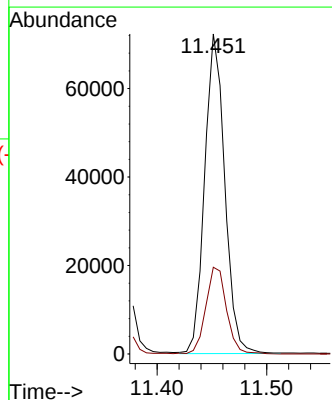
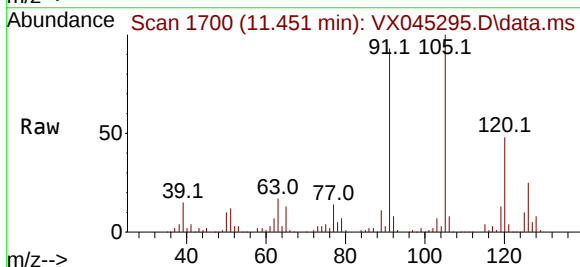
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

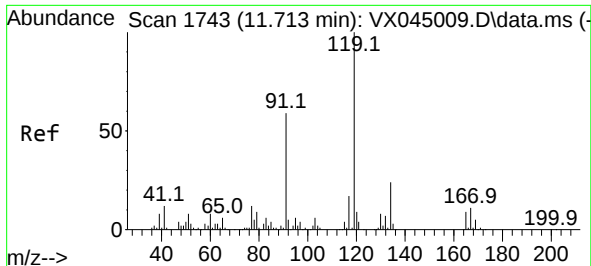
Tgt Ion:	75	Resp:	8059
Ion	Ratio	Lower	Upper
75	100		
53	134.3	49.8	149.4
89	46.1	21.4	64.2



#78
4-Chlorotoluene
Concen: 21.370 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:	91	Resp:	92044
Ion	Ratio	Lower	Upper
91	100		
126	27.8	0.0	58.0

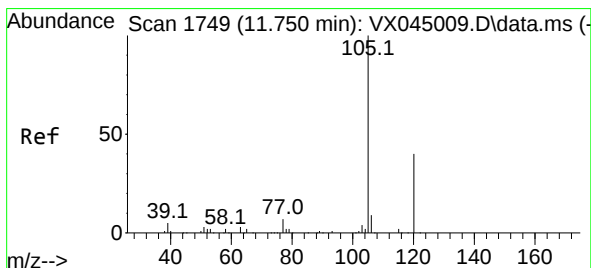
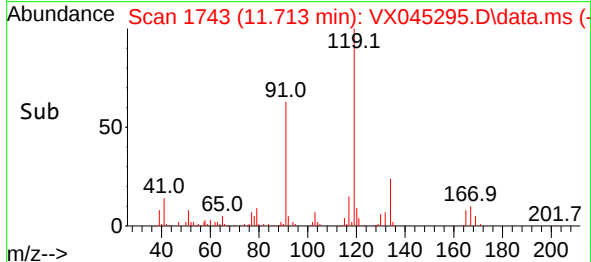
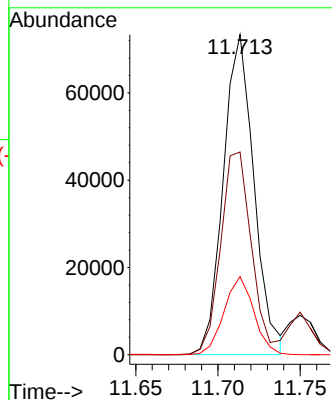
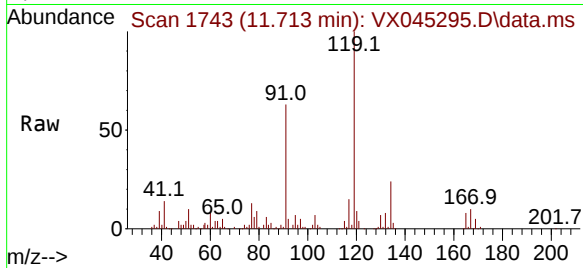




#79
tert-butylbenzene
Concen: 21.381 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

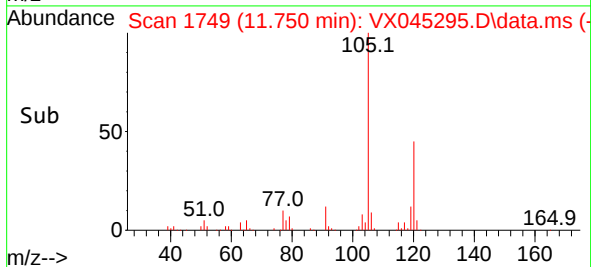
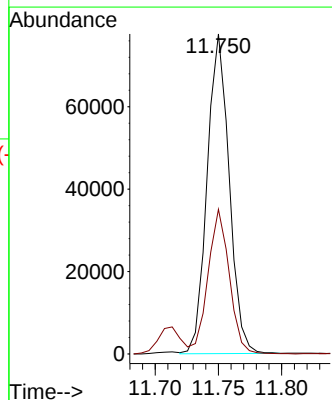
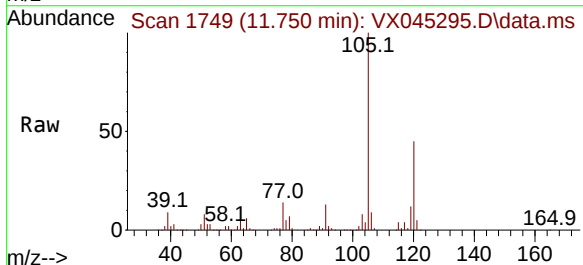
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

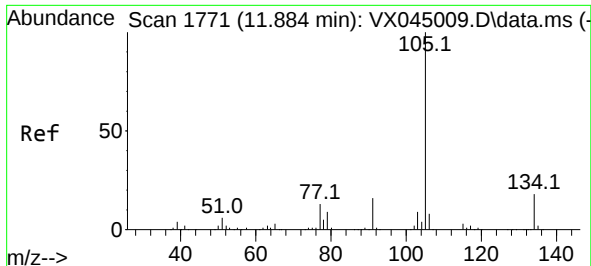
Tgt Ion:119 Resp: 95451
Ion Ratio Lower Upper
119 100
91 62.9 0.0 120.6
134 23.7 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 21.142 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:105 Resp: 93835
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.4

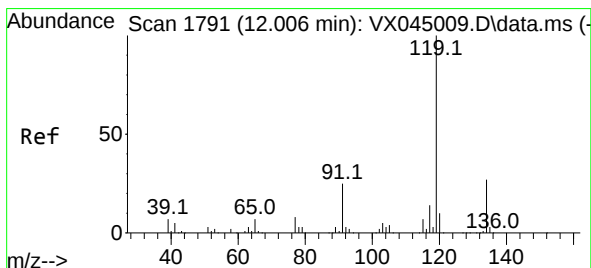
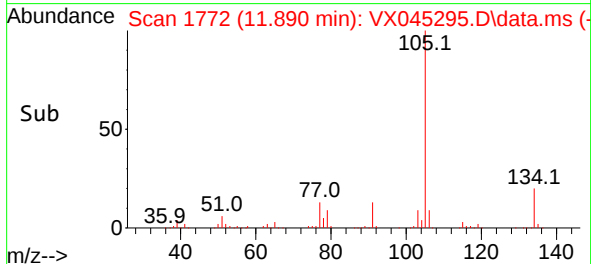
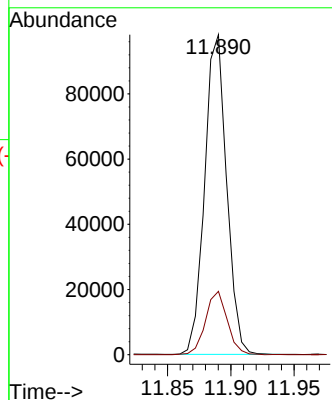
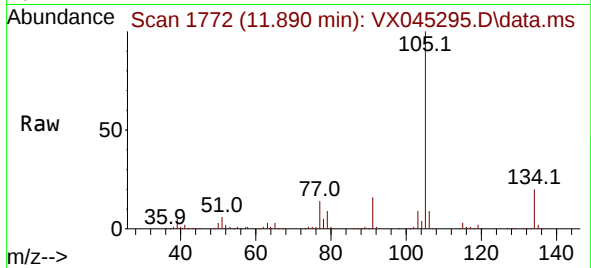




#81
 sec-Butylbenzene
 Concen: 21.150 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

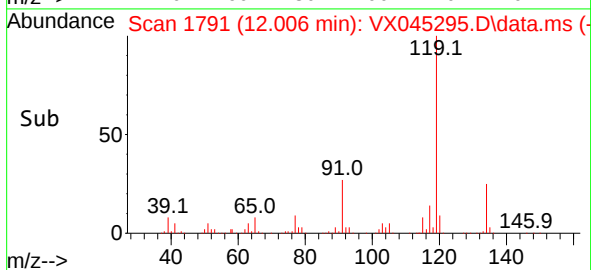
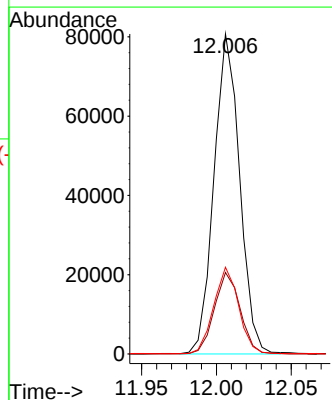
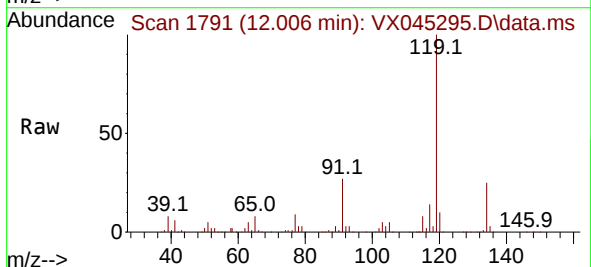
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

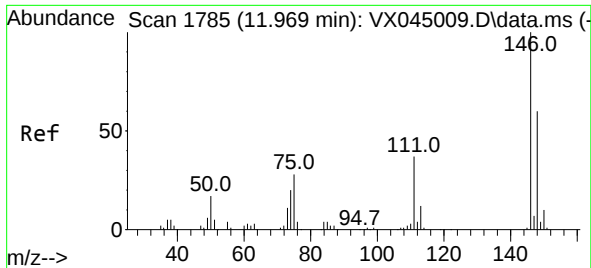
Tgt Ion:105 Resp: 118500
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 21.191 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045295.D
 Acq: 14 Mar 2025 16:41

Tgt Ion:119 Resp: 96201
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.6
 91 26.5 0.0 51.0

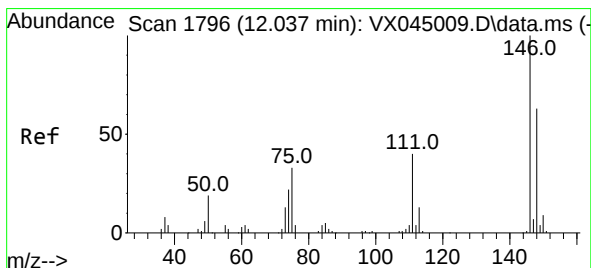
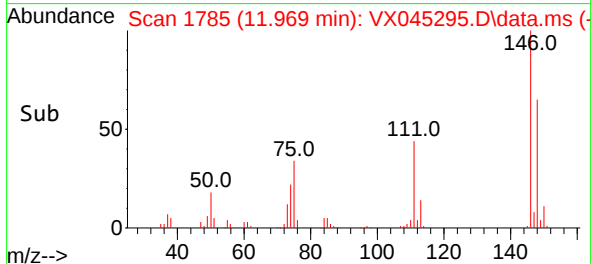
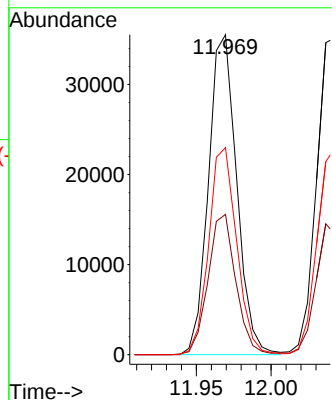
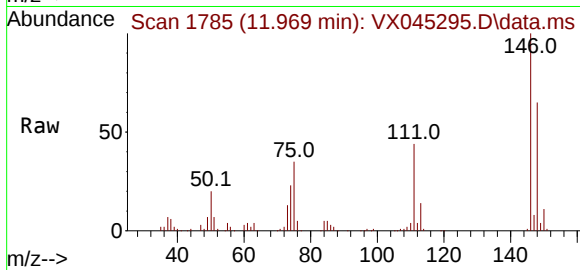




#83
1,3-Dichlorobenzene
Concen: 20.287 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

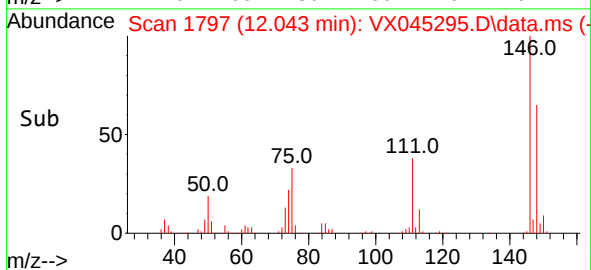
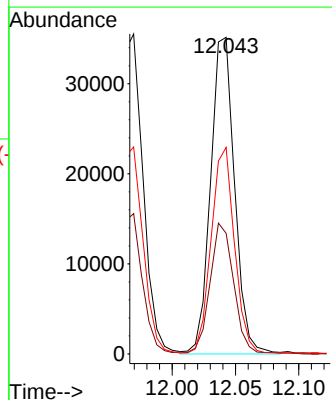
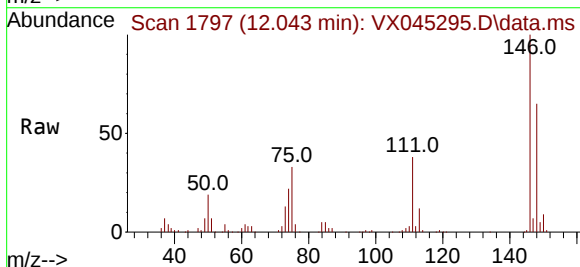
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

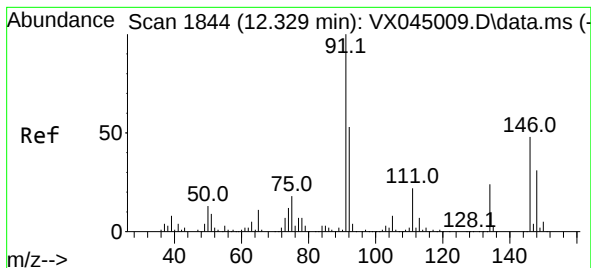
Tgt Ion:146 Resp: 46669
Ion Ratio Lower Upper
146 100
111 43.4 20.2 60.5
148 64.2 31.2 93.6



#84
1,4-Dichlorobenzene
Concen: 20.494 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:146 Resp: 46483
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.2
148 62.6 31.8 95.4





#85

n-Butylbenzene

Concen: 20.525 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

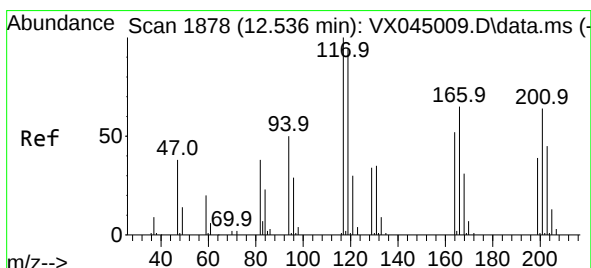
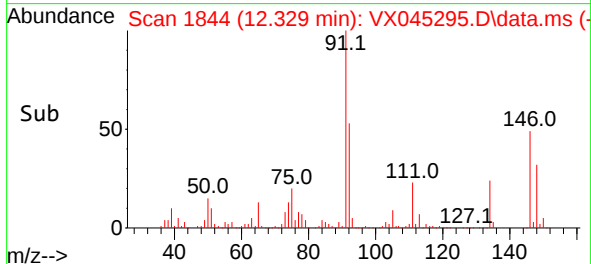
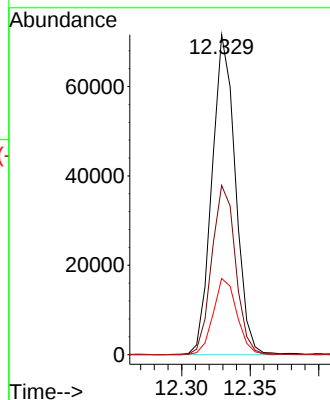
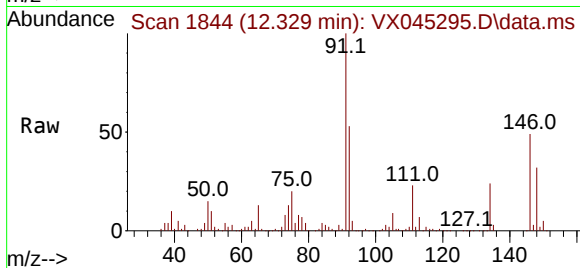
Tgt Ion: 91 Resp: 85089

Ion Ratio Lower Upper

91 100

92 53.9 0.0 105.2

134 24.1 0.0 49.4



#86

Hexachloroethane

Concen: 17.962 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045295.D

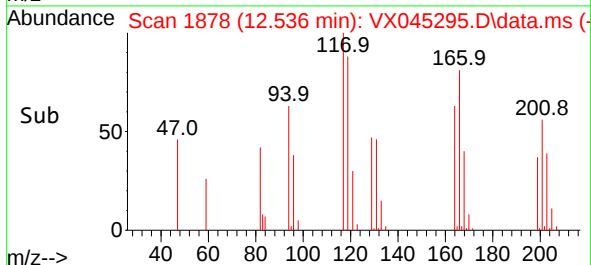
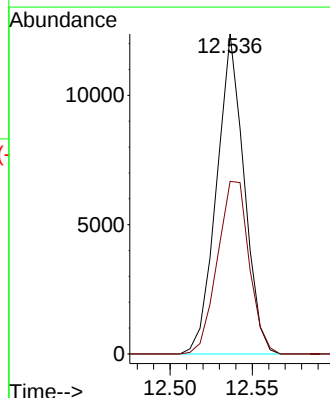
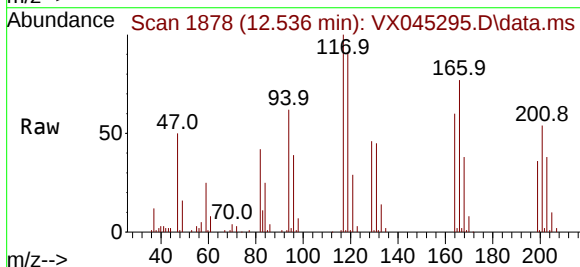
Acq: 14 Mar 2025 16:41

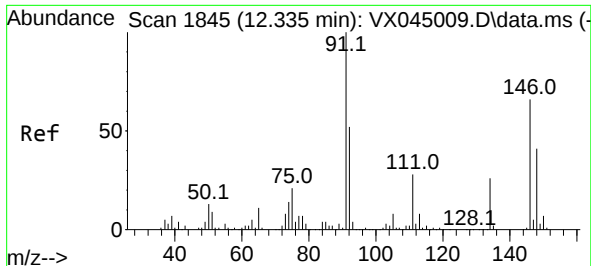
Tgt Ion: 117 Resp: 14381

Ion Ratio Lower Upper

117 100

201 62.5 32.6 97.7

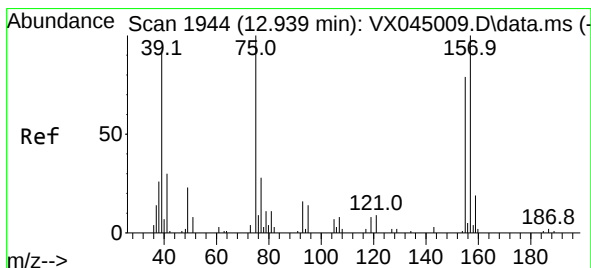
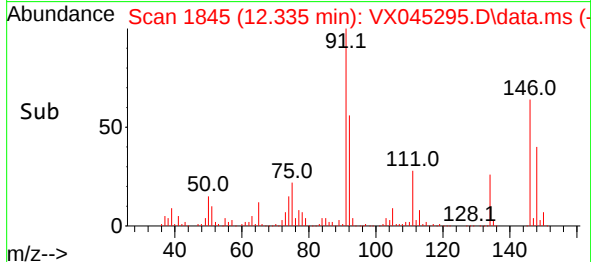
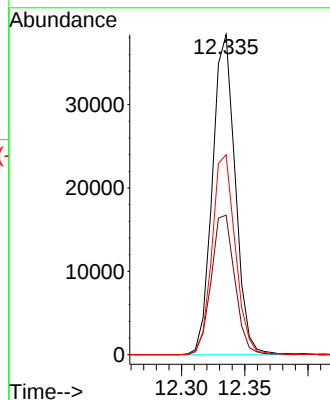
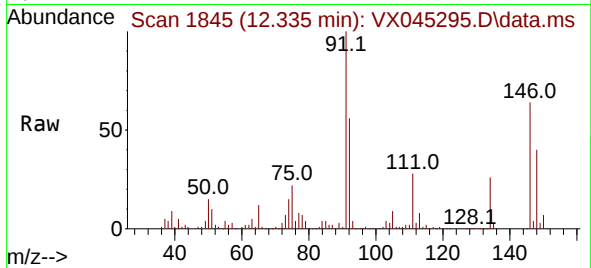




#87
1,2-Dichlorobenzene
Concen: 21.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

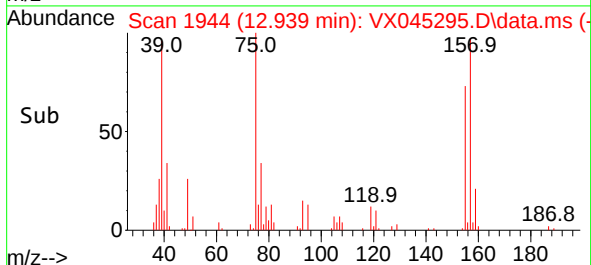
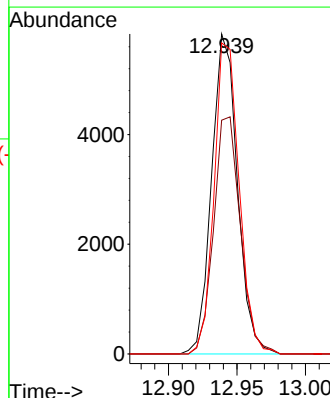
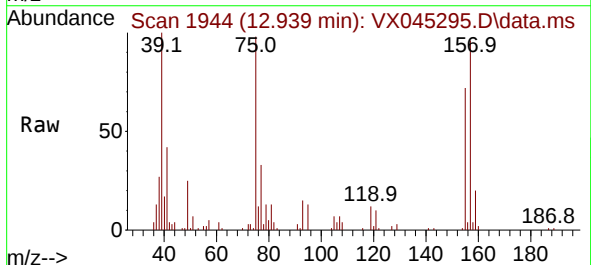
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

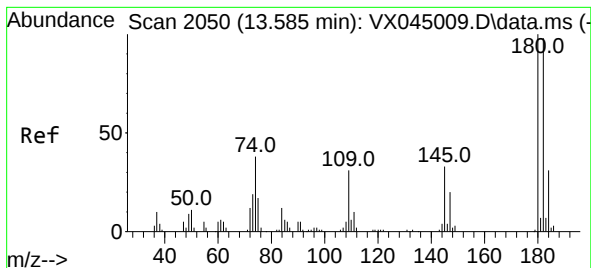
Tgt Ion:146 Resp: 48133
Ion Ratio Lower Upper
146 100
111 45.1 21.7 65.1
148 64.0 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.288 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion: 75 Resp: 7621
Ion Ratio Lower Upper
75 100
155 77.1 66.2 99.4
157 94.7 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 19.688 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

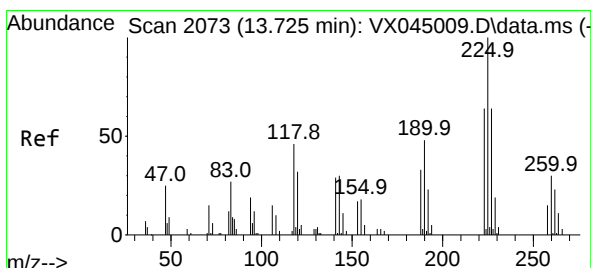
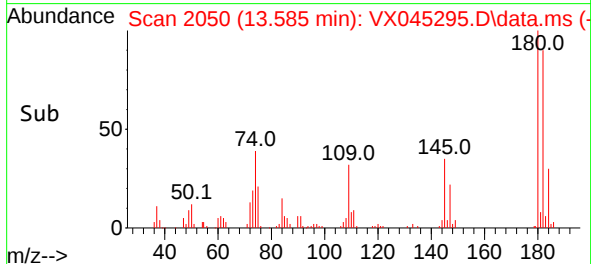
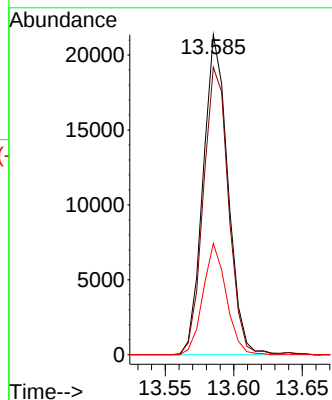
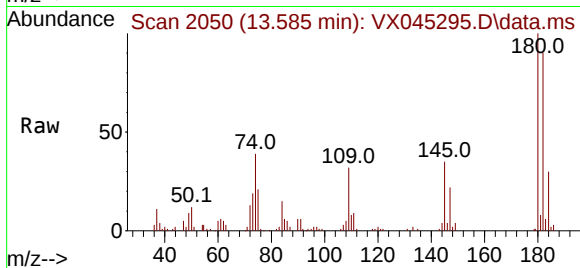
Tgt Ion:180 Resp: 26933

Ion Ratio Lower Upper

180 100

182 90.5 77.7 116.5

145 32.5 25.8 38.6



#90

Hexachlorobutadiene

Concen: 19.979 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045295.D

Acq: 14 Mar 2025 16:41

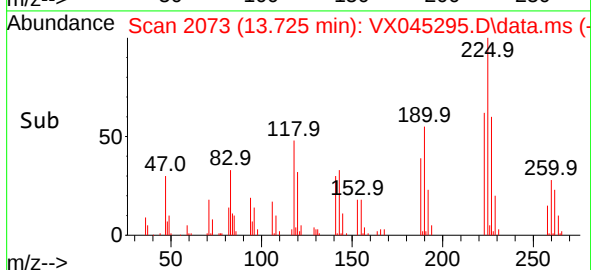
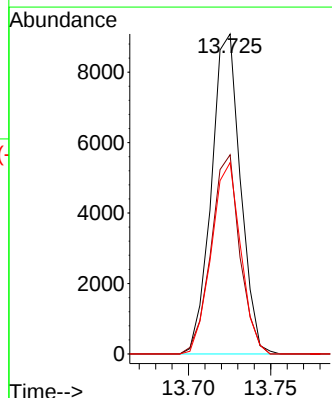
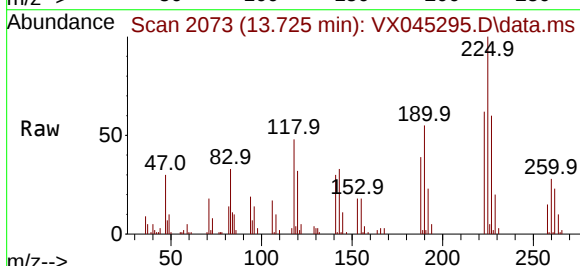
Tgt Ion:225 Resp: 11146

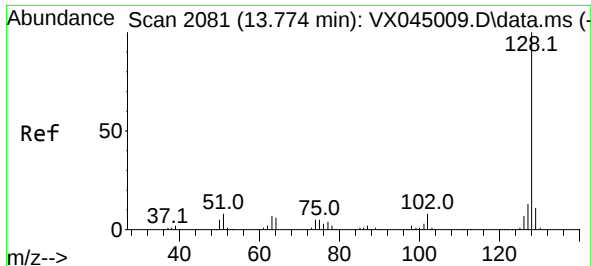
Ion Ratio Lower Upper

225 100

223 61.8 0.0 123.4

227 60.4 0.0 127.4

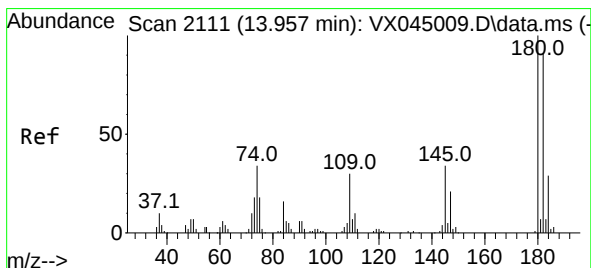
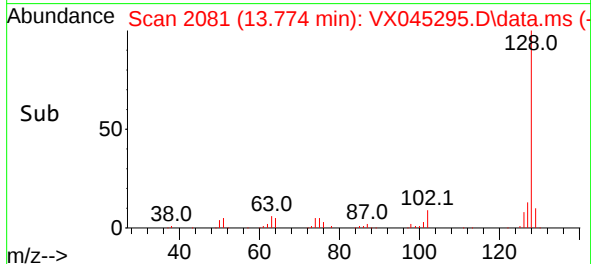
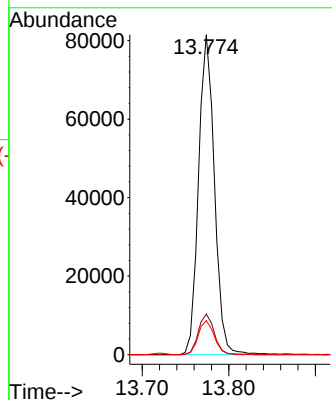
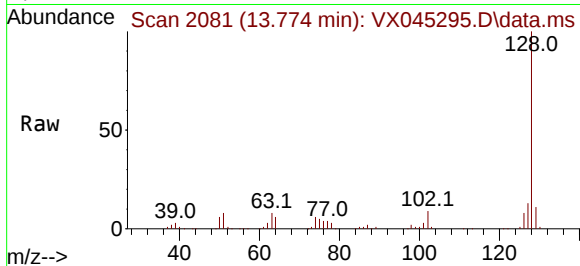




#91
Naphthalene
Concen: 21.523 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 103822
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.152 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045295.D
Acq: 14 Mar 2025 16:41

Tgt Ion:180 Resp: 28381
Ion Ratio Lower Upper
180 100
182 94.0 0.0 186.6
145 34.7 0.0 68.4

