

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045119.D
 Acq On : 04 Mar 2025 08:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 05 00:42:59 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	4.891	128	17184	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	86920	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	82480	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	48247	28.908	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.367%	
60) 4-Bromofluorobenzene	11.079	95	46258	30.005	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.033%	
63) Toluene-d8	8.641	98	135329	29.658	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28199	19.466	ug/l	93
3) Chloromethane	1.294	50	34345	19.795	ug/l	95
4) Vinyl Chloride	1.374	62	30032	17.938	ug/l	99
5) Bromomethane	1.593	94	12689	21.774	ug/l	98
6) Chloroethane	1.672	64	17395	19.184	ug/l	95
7) Trichlorofluoromethane	1.874	101	43207	19.202	ug/l	98
8) Diethyl Ether	2.130	74	15862	18.631	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	26451	19.792	ug/l	98
10) 1,1-Dichloroethene	2.312	96	25685	19.676	ug/l	95
11) Methyl Iodide	2.447	142	27359	18.518	ug/l	99
12) Methyl Acetate	2.697	43	34564	22.802	ug/l	99
13) Acrolein	2.233	56	32043	105.460	ug/l	99
14) Acrylonitrile	3.056	53	73351	99.066	ug/l	99
15) Acetone	2.373	58	21685	106.787	ug/l	96
16) Carbon Disulfide	2.501	76	64760	17.490	ug/l	98
17) Allyl chloride	2.654	41	46009	18.844	ug/l	97
18) Methylene Chloride	2.782	84	29095	19.816	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	24945	18.888	ug/l	97
20) Diisopropyl ether	3.751	45	89171	19.006	ug/l	99
21) 1,1-Dichloroethane	3.599	63	49611	19.013	ug/l	97
22) cis-1,2-Dichloroethene	4.477	96	29863	18.869	ug/l	99
23) tert-Butyl Alcohol	2.965	59	23999	92.844	ug/l	# 100
24) Methyl tert-Butyl Ether	3.105	73	79696	18.706	ug/l	100
25) Chloroform	5.080	83	49083	19.475	ug/l	96
26) Cyclohexane	5.458	56	44905	18.644	ug/l	# 98
29) 1,1-Dichloropropene	5.684	75	33410	20.895	ug/l	99
30) 2-Butanone	4.550	43	103164	111.707	ug/l	# 94
31) 2,2-Dichloropropane	4.465	77	35917	19.866	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	40686	21.001	ug/l	98
33) Carbon Tetrachloride	5.672	117	35113	21.476	ug/l	97
34) Benzene	6.025	78	104579	20.857	ug/l	96
35) Methacrylonitrile	4.910	41	21387	21.641	ug/l	97
36) 1,2-Dichloroethane	6.074	62	37568	21.884	ug/l	98
37) Trichloroethene	7.116	130	24363	20.769	ug/l	97
38) Methylcyclohexane	7.373	83	44290	20.630	ug/l	98
39) 1,2-Dichloropropane	7.421	63	25872	20.754	ug/l	99
40) Dibromomethane	7.574	93	19169	21.429	ug/l	100
41) Bromodichloromethane	7.818	83	37991	21.368	ug/l	99
42) Vinyl Acetate	3.715	43	358394	100.005	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	35995	20.783	ug/l	99
44) Isopropyl Acetate	6.330	43	58408	20.491	ug/l	100
45) 1,4-Dioxane	7.653	88	12252	413.470	ug/l	97
46) Methyl methacrylate	7.690	41	29891	21.385	ug/l	99
47) n-amyl Acetate	10.841	43	50529	20.428	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	32903	19.200	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	39108	20.159	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	25245	21.636	ug/l	97
51) Ethyl methacrylate	9.110	69	37249	20.298	ug/l	97
52) 1,3-Dichloropropane	9.305	76	44187	21.613	ug/l	100
53) Dibromochloromethane	9.518	129	27438	21.262	ug/l	93
54) 1,2-Dibromoethane	9.604	107	25490	21.513	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	96037	101.910	ug/l	99
56) Bromoform	10.799	173	17120	21.171	ug/l	98
58) 4-Methyl-2-Pentanone	8.567	43	204690	109.095	ug/l	99
59) 2-Hexanone	9.427	43	148213	109.288	ug/l	99
61) Tetrachloroethene	9.269	164	21615	21.282	ug/l	89
62) Toluene	8.714	91	112982	20.678	ug/l	97
64) Chlorobenzene	10.073	112	69807	20.618	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	22959	20.551	ug/l	99
66) Ethyl Benzene	10.189	91	122645	20.503	ug/l	97
67) m/p-Xylenes	10.299	106	92972	41.715	ug/l	99
68) o-Xylene	10.640	106	45602	20.854	ug/l	99
69) Styrene	10.652	104	76837	21.039	ug/l	100
70) Isopropylbenzene	10.957	105	117548	20.830	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	40059	21.588	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	40023	26.223	ug/l	88
73) Bromobenzene	11.195	156	27867	21.451	ug/l	96
74) n-propylbenzene	11.299	91	138877	20.680	ug/l	99
75) 2-Chlorotoluene	11.360	91	85432	21.043	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	97729	20.992	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	9691	18.872	ug/l	88
78) 4-Chlorotoluene	11.451	91	93706	20.706	ug/l	99
79) tert-butylbenzene	11.713	119	99721	21.259	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	98635	21.151	ug/l	99
81) sec-Butylbenzene	11.890	105	124020	21.067	ug/l	99
82) p-Isopropyltoluene	12.006	119	101826	21.348	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	51379	21.257	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	49963	20.965	ug/l	99
85) n-Butylbenzene	12.329	91	89487	20.544	ug/l	100
86) Hexachloroethane	12.536	117	17370	20.648	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	51344	21.650	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7303	20.327	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	29075	20.228	ug/l	99
90) Hexachlorobutadiene	13.725	225	12566	21.437	ug/l	96
91) Naphthalene	13.774	128	103981	20.516	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	29671	20.051	ug/l	98

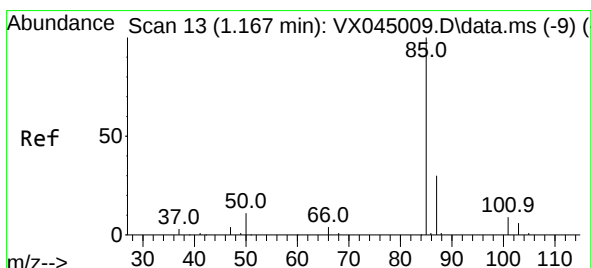
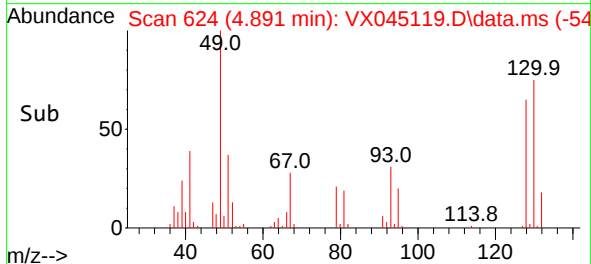
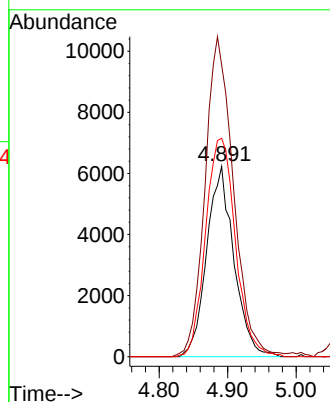
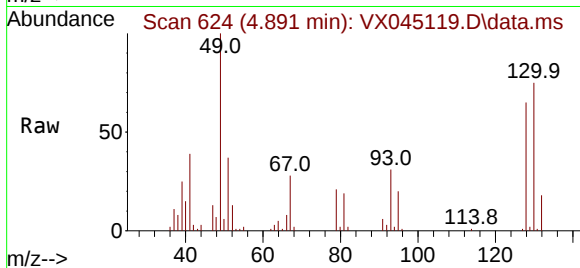
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

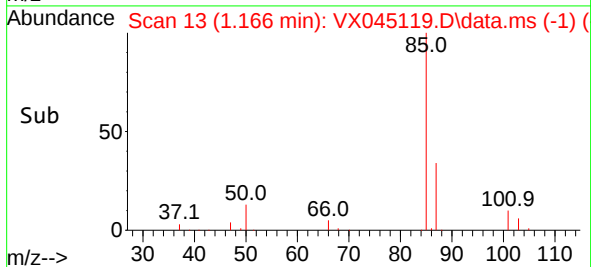
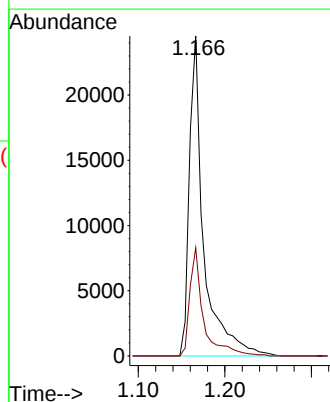
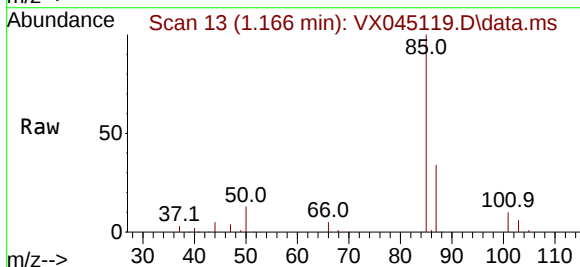
Instrument :
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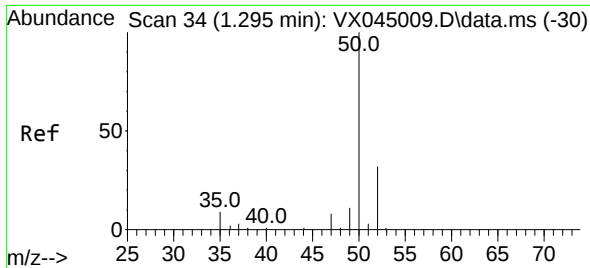
Tgt Ion:	128	Resp:	17184
Ion	Ratio	Lower	Upper
128	100		
49	176.0	0.0	449.7
130	126.3	0.0	312.7



#2
Dichlorodifluoromethane
Concen: 19.466 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:	85	Resp:	28199
Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.1	45.3

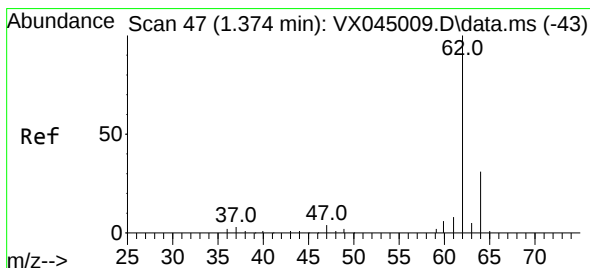
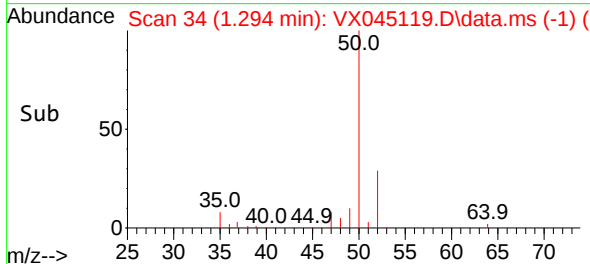
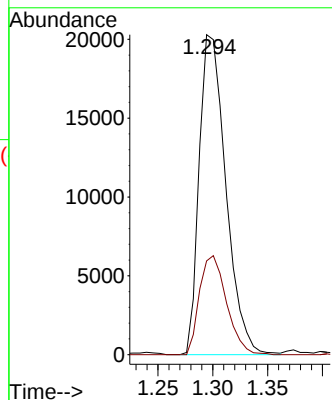
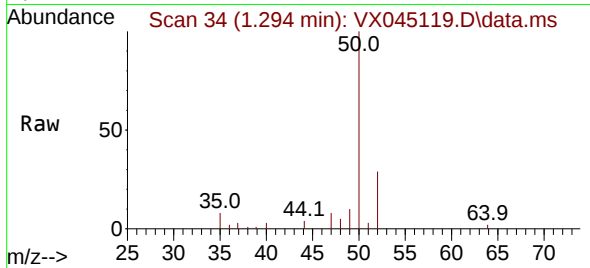




#3
Chloromethane
Concen: 19.795 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

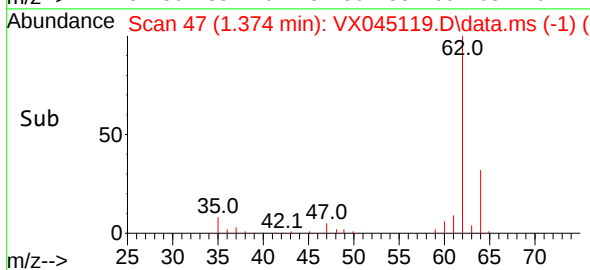
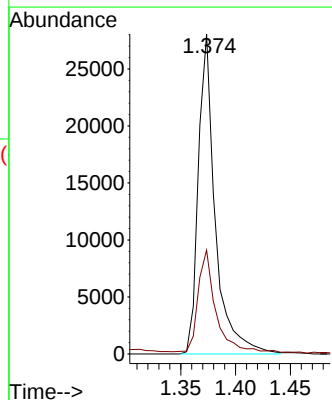
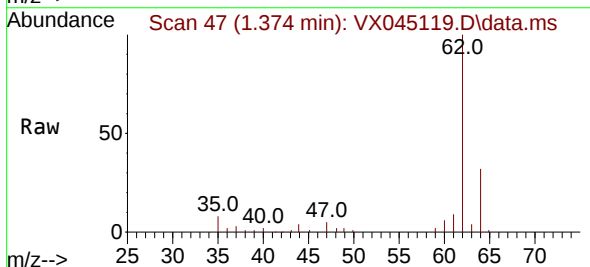
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

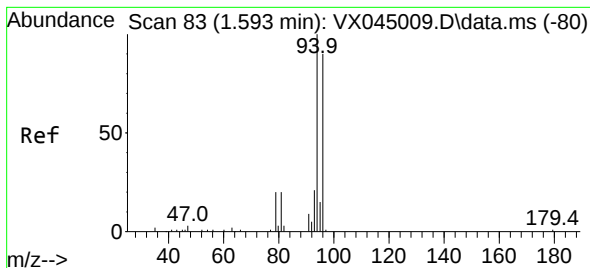
Tgt Ion: 50 Resp: 34345
Ion Ratio Lower Upper
50 100
52 29.3 25.7 38.5



#4
Vinyl Chloride
Concen: 17.938 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 62 Resp: 30032
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

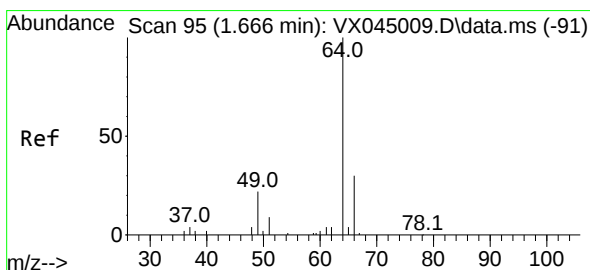
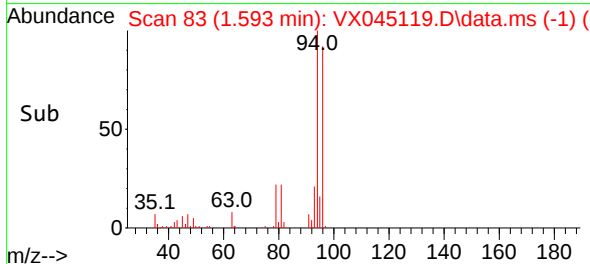
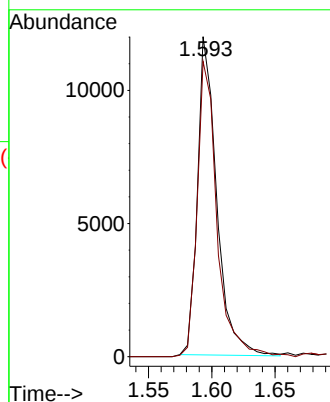
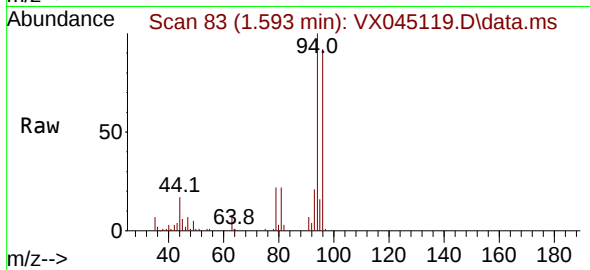




#5
Bromomethane
Concen: 21.774 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

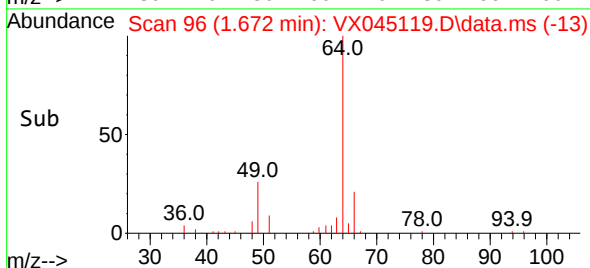
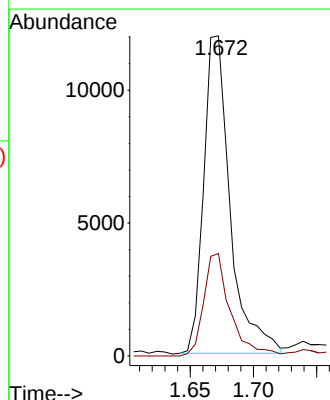
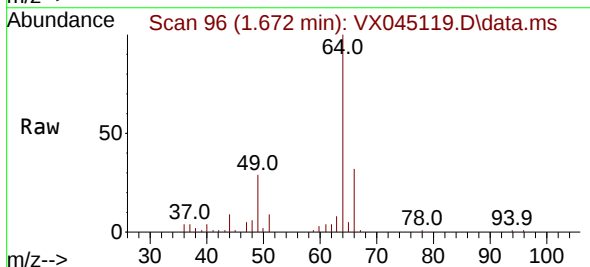
Instrument :
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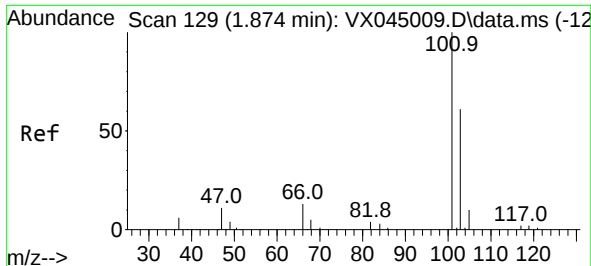
Tgt Ion: 94 Resp: 12689
Ion Ratio Lower Upper
94 100
96 92.4 72.2 108.4



#6
Chloroethane
Concen: 19.184 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 64 Resp: 17395
Ion Ratio Lower Upper
64 100
66 32.3 23.7 35.5

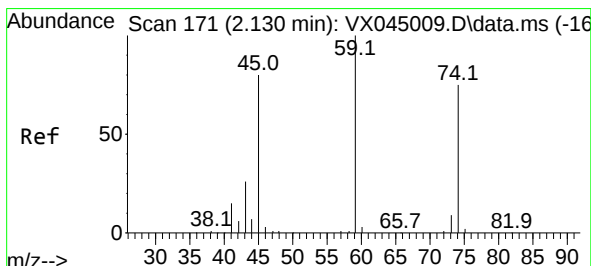
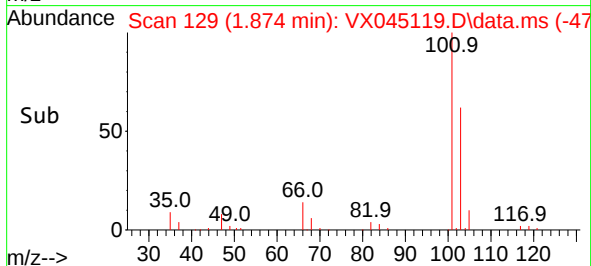
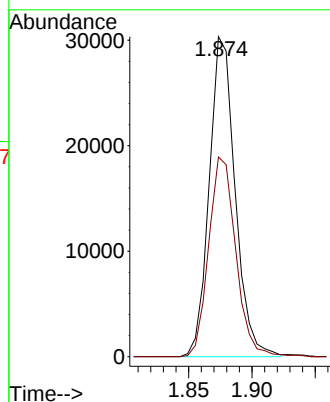
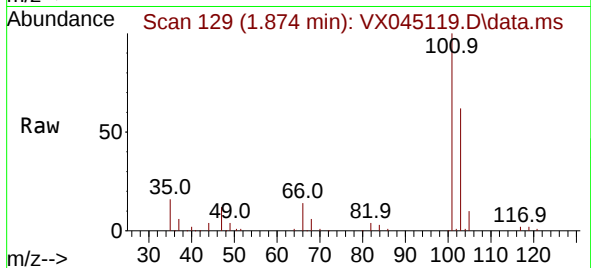




#7
Trichlorofluoromethane
Concen: 19.202 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

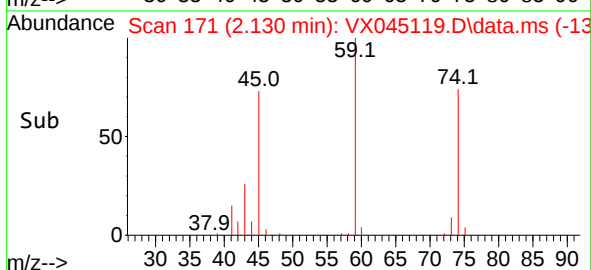
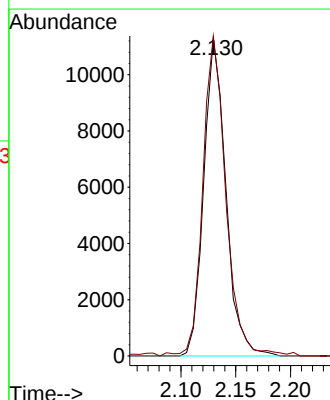
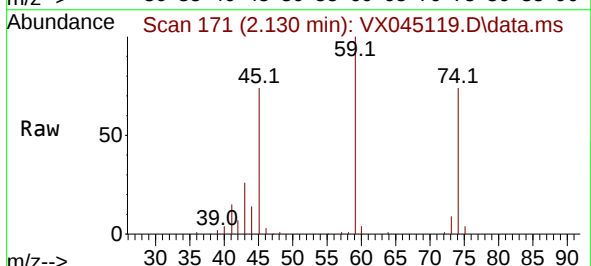
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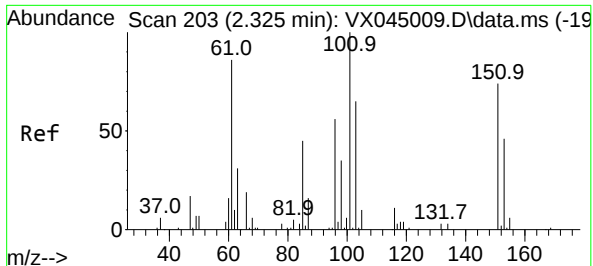
Tgt Ion:101 Resp: 43207
Ion Ratio Lower Upper
101 100
103 62.4 48.8 73.2



#8
Diethyl Ether
Concen: 18.631 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 74 Resp: 15862
Ion Ratio Lower Upper
74 100
45 102.9 20.8 186.8

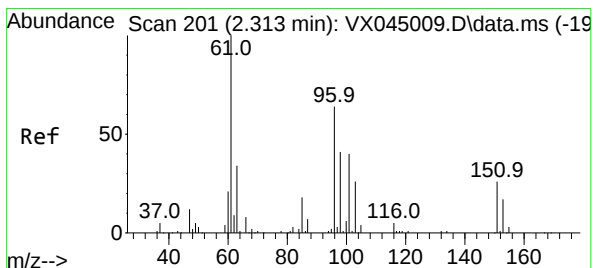
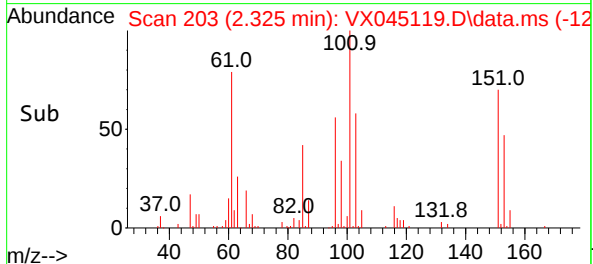
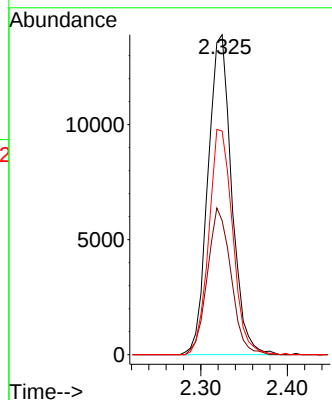
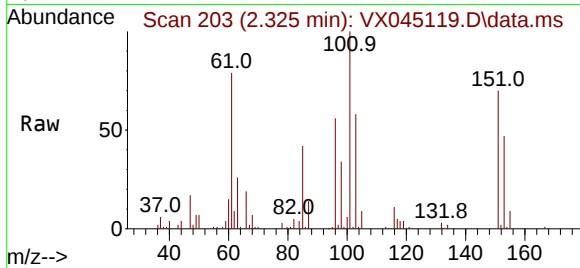




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.792 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

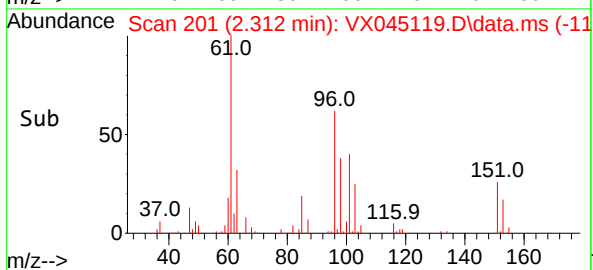
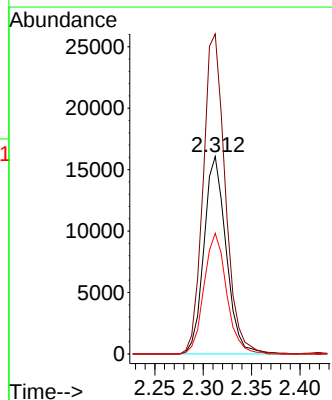
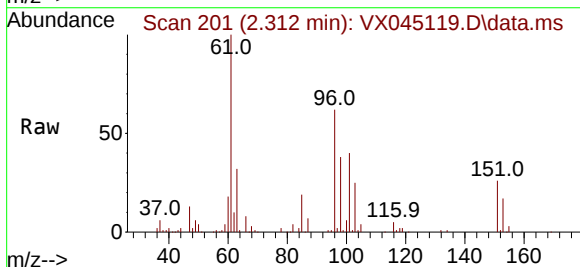
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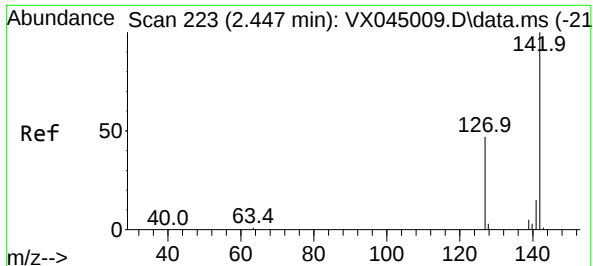
Tgt Ion:101 Resp: 26451
 Ion Ratio Lower Upper
 101 100
 85 45.6 0.0 90.6
 151 70.9 0.0 147.6



#10
 1,1-Dichloroethene
 Concen: 19.676 ug/l
 RT: 2.312 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

Tgt Ion: 96 Resp: 25685
 Ion Ratio Lower Upper
 96 100
 61 162.1 124.2 186.2
 98 61.1 51.1 76.7





#11

Methyl Iodide

Concen: 18.518 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045119.D

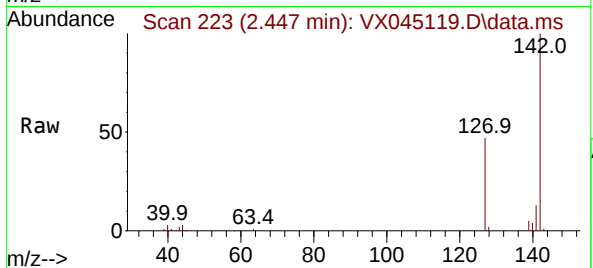
Acq: 04 Mar 2025 08:46

Instrument :

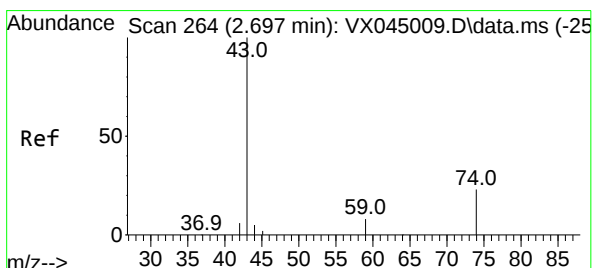
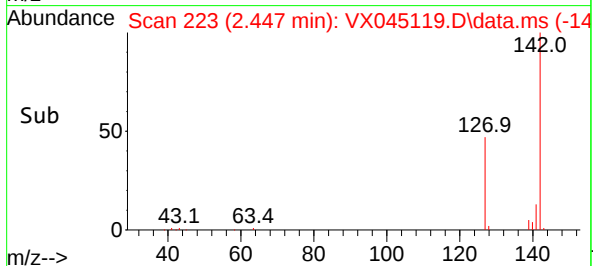
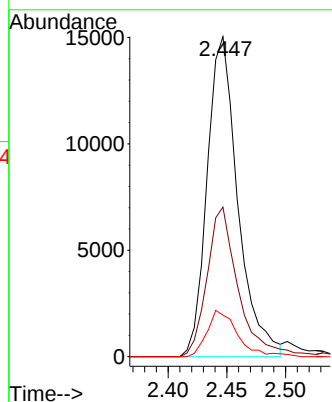
MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:	142	Resp:	27359
Ion	Ratio	Lower	Upper
142	100		
127	46.5	23.3	69.9
141	12.8	7.5	22.6



#12

Methyl Acetate

Concen: 22.802 ug/l

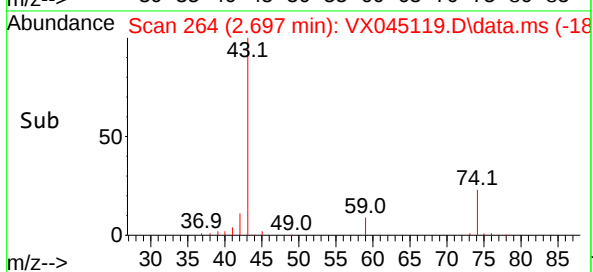
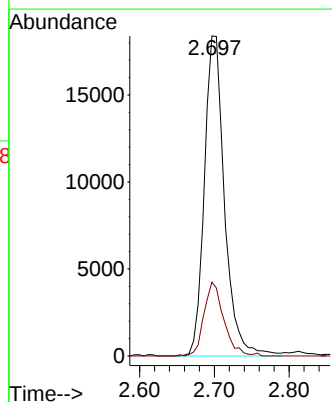
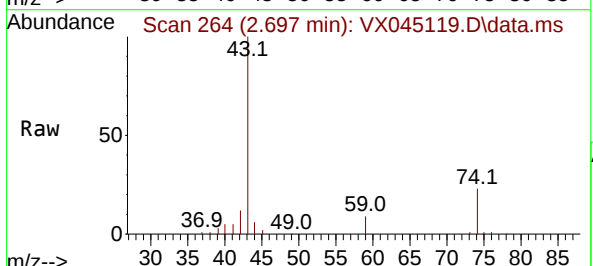
RT: 2.697 min Scan# 264

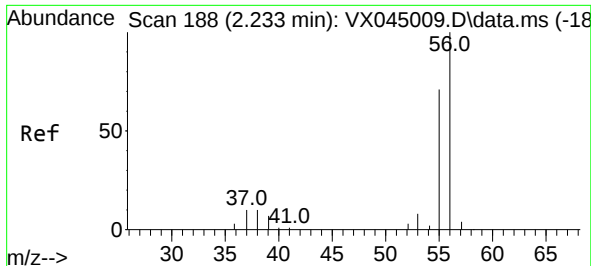
Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Tgt Ion:	43	Resp:	34564
Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.9	26.9

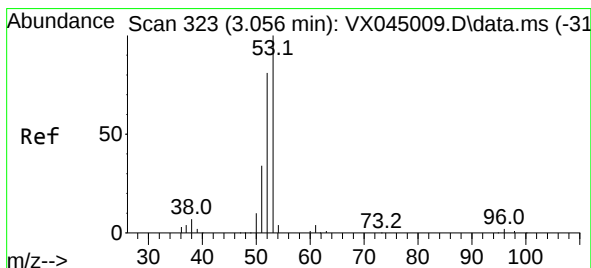
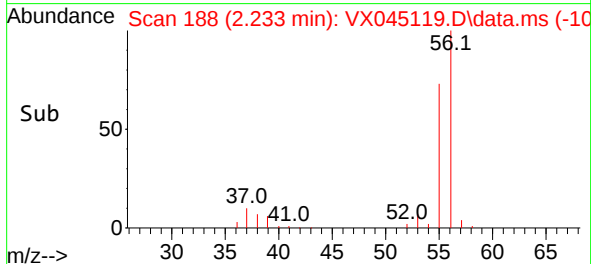
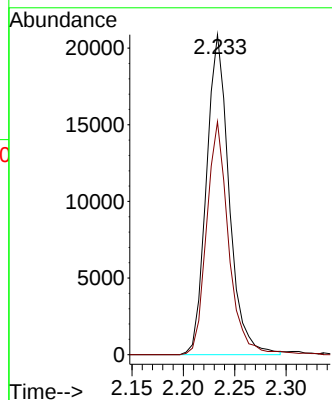
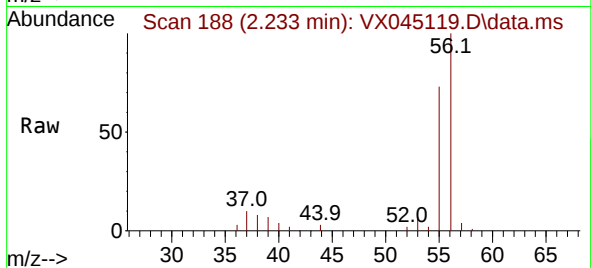




#13
Acrolein
Concen: 105.460 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

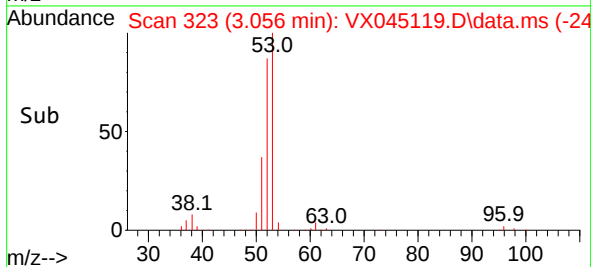
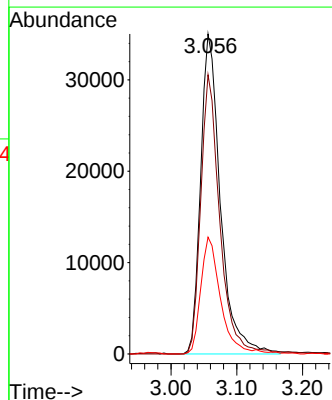
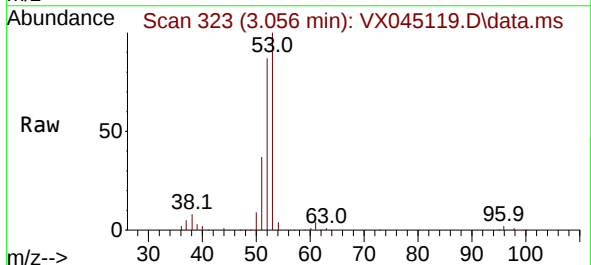
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

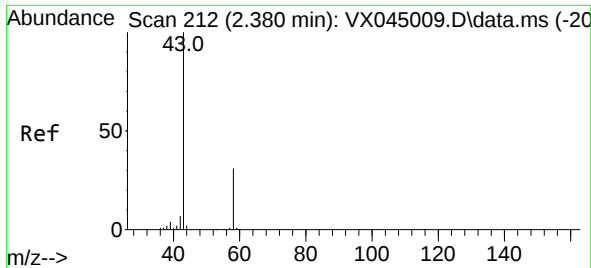
Tgt Ion: 56 Resp: 32043
Ion Ratio Lower Upper
56 100
55 70.0 55.4 83.2



#14
Acrylonitrile
Concen: 99.066 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 53 Resp: 73351
Ion Ratio Lower Upper
53 100
52 83.3 40.9 122.8
51 35.8 18.0 54.0

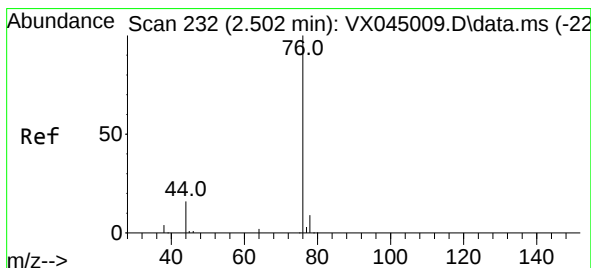
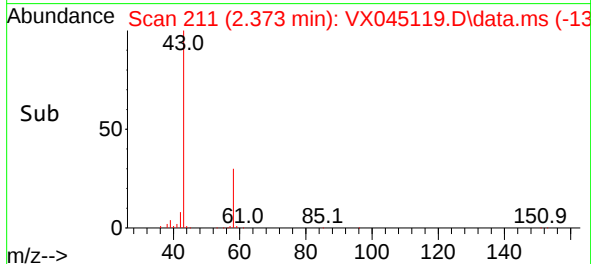
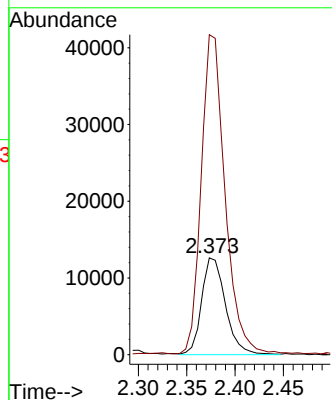
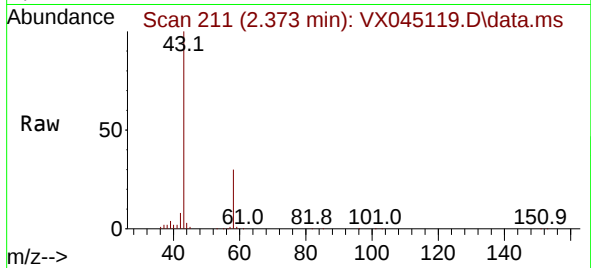




#15
Acetone
Concen: 106.787 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

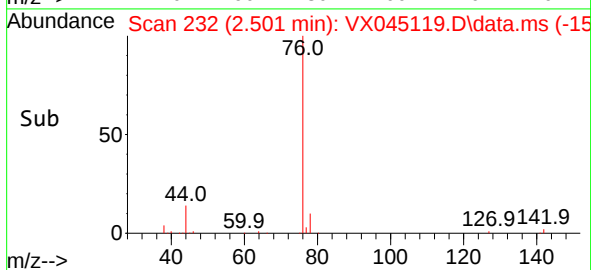
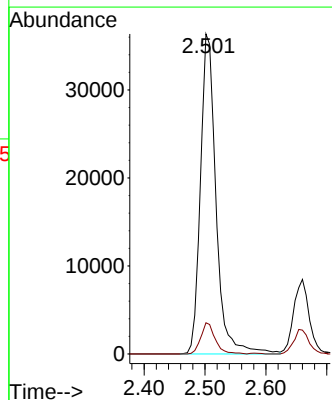
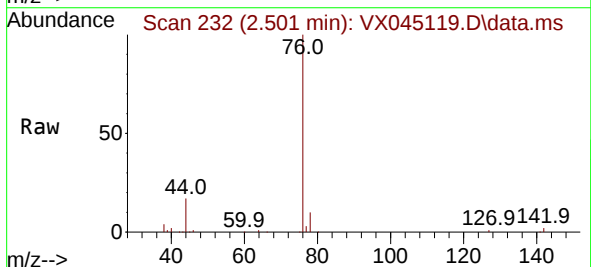
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

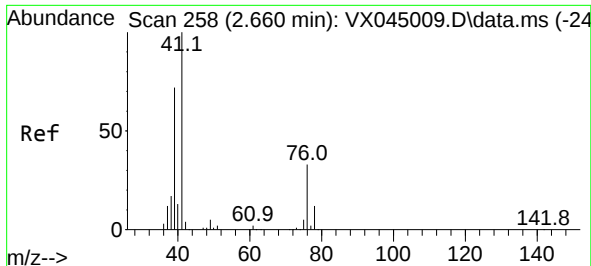
Tgt Ion: 58 Resp: 21685
Ion Ratio Lower Upper
58 100
43 330.9 258.6 388.0



#16
Carbon Disulfide
Concen: 17.490 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 76 Resp: 64760
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





#17

Allyl chloride

Concen: 18.844 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

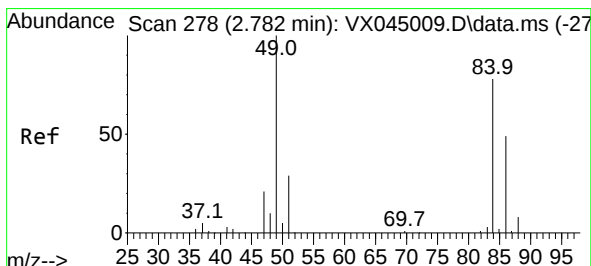
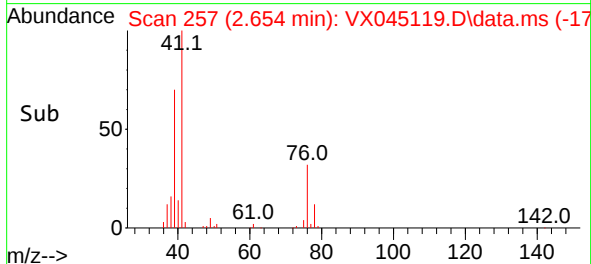
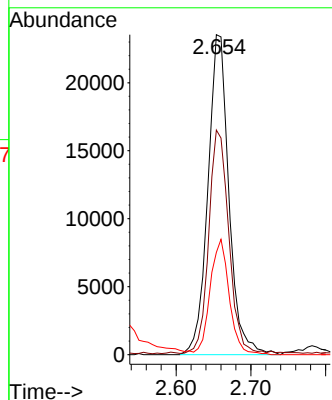
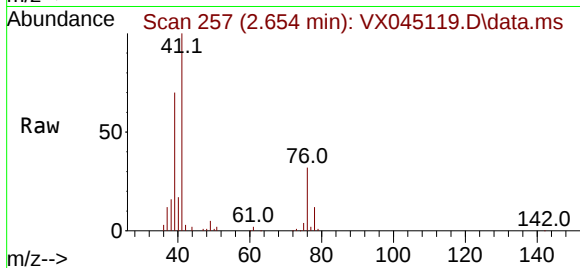
Tgt Ion: 41 Resp: 46009

Ion Ratio Lower Upper

41 100

39 69.8 36.2 108.6

76 32.0 17.2 51.5



#18

Methylene Chloride

Concen: 19.816 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Tgt Ion: 84 Resp: 29095

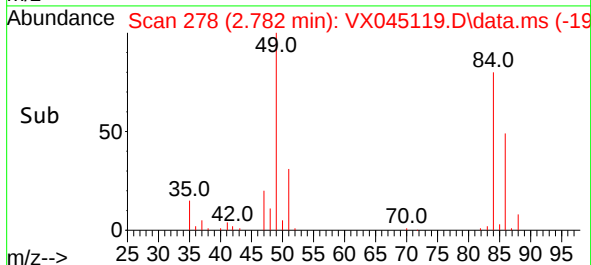
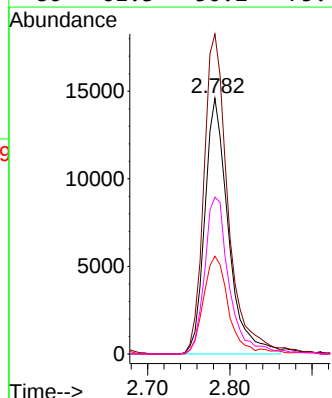
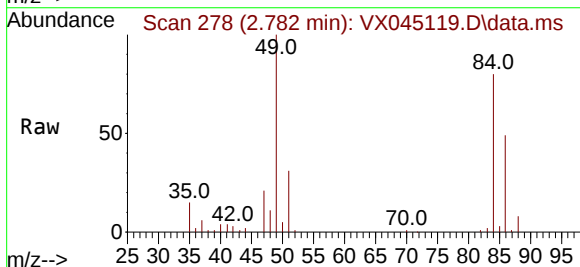
Ion Ratio Lower Upper

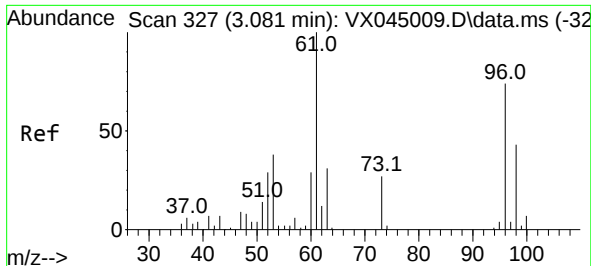
84 100

49 125.1 102.8 154.2

51 38.2 30.1 45.1

86 61.3 50.2 75.4

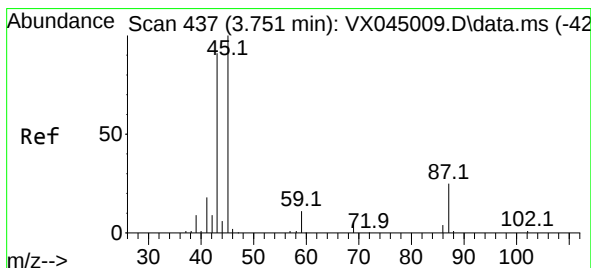
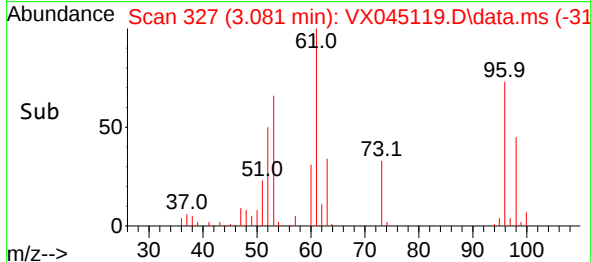
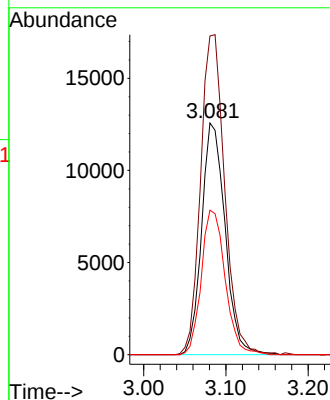
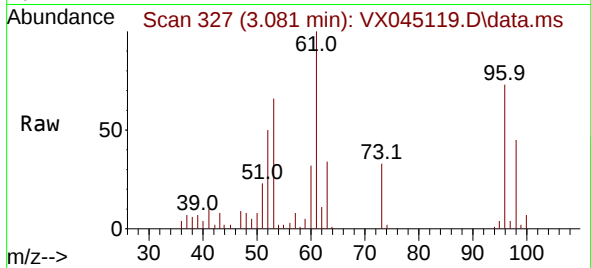




#19
trans-1,2-Dichloroethene
Concen: 18.888 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

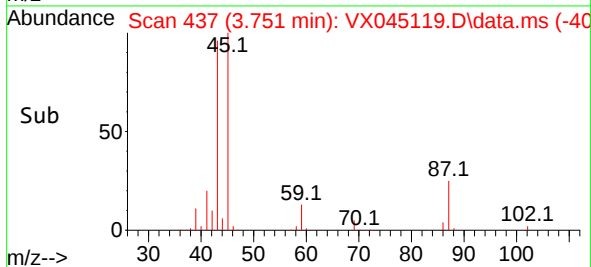
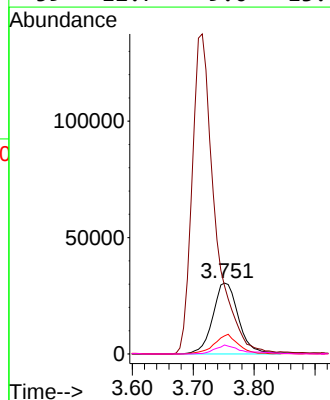
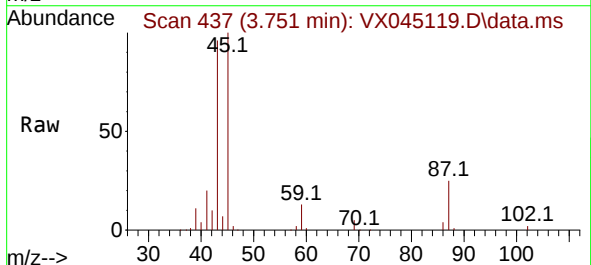
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

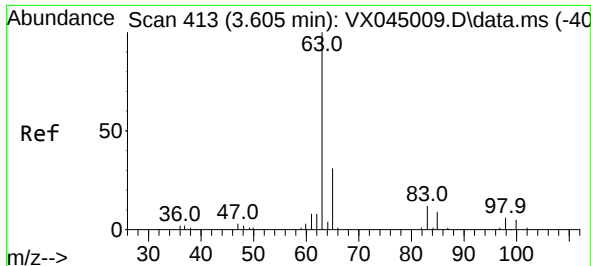
Tgt Ion: 96 Resp: 24945
Ion Ratio Lower Upper
96 100
61 137.5 108.6 163.0
98 62.3 46.5 69.7



#20
Diisopropyl ether
Concen: 19.006 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 45 Resp: 89171
Ion Ratio Lower Upper
45 100
43 92.8 74.4 111.6
87 25.5 19.8 29.8
59 12.7 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.013 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

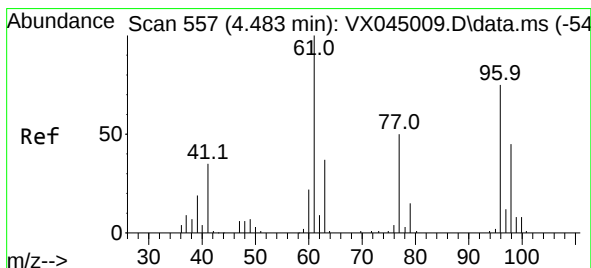
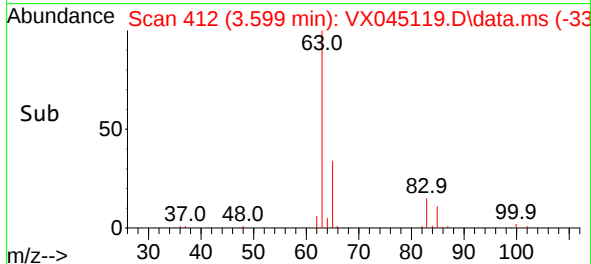
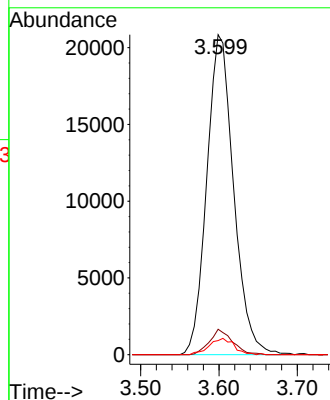
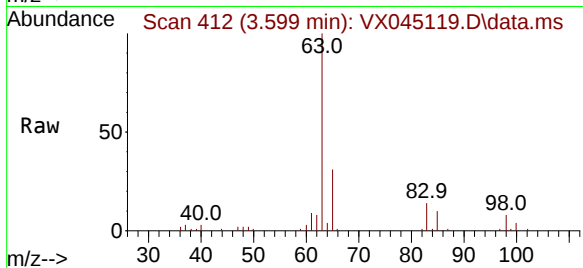
Tgt Ion: 63 Resp: 49611

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

100 4.4 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 18.869 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

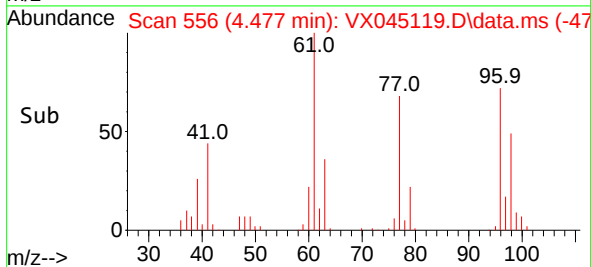
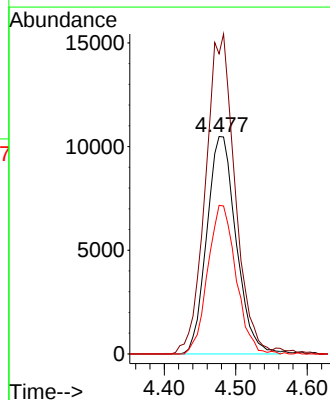
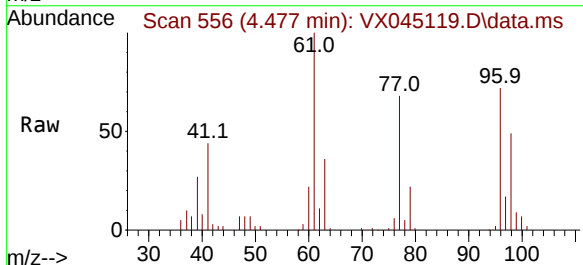
Tgt Ion: 96 Resp: 29863

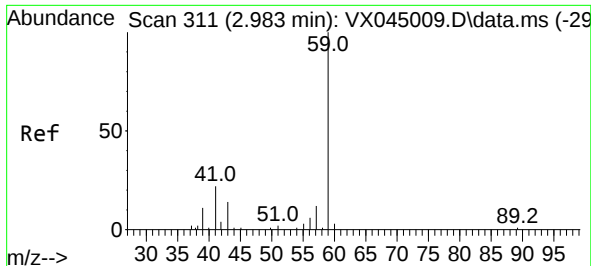
Ion Ratio Lower Upper

96 100

61 147.6 118.9 178.3

98 65.5 50.7 76.1

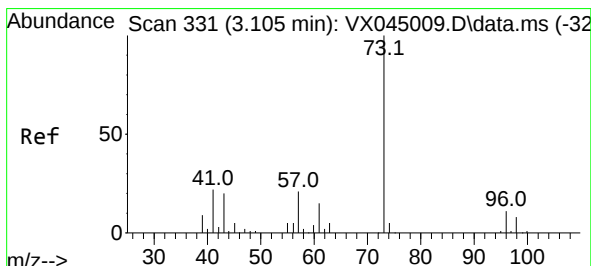
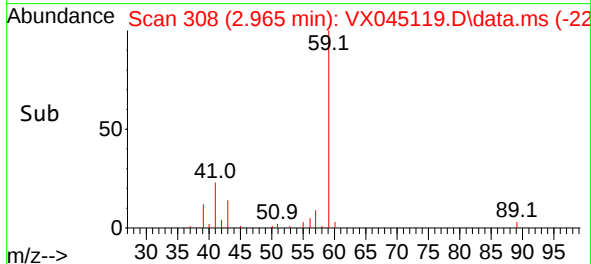
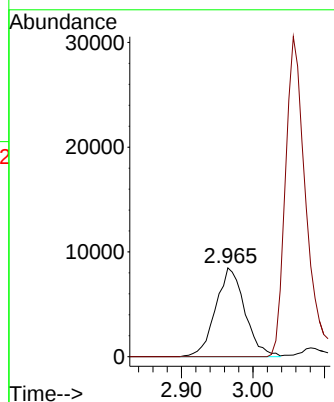
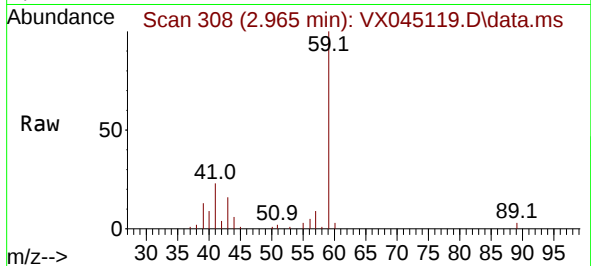




#23
tert-Butyl Alcohol
Concen: 92.844 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

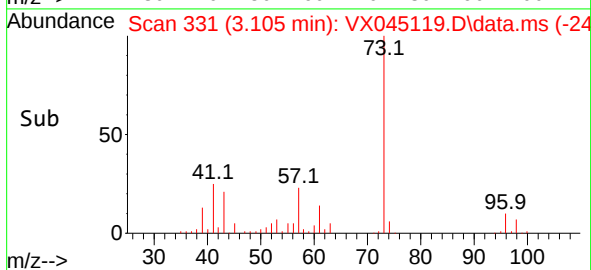
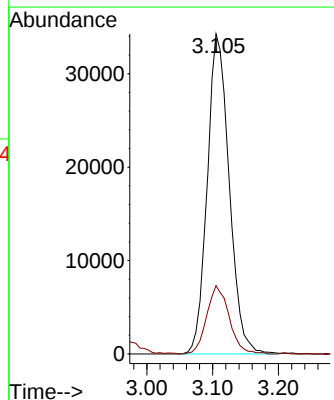
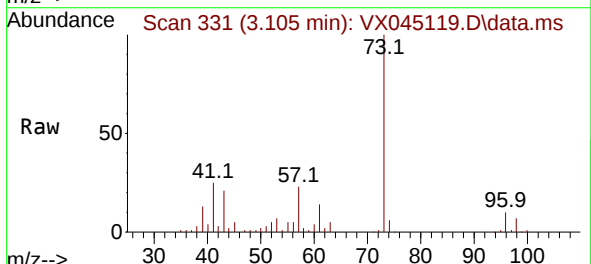
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

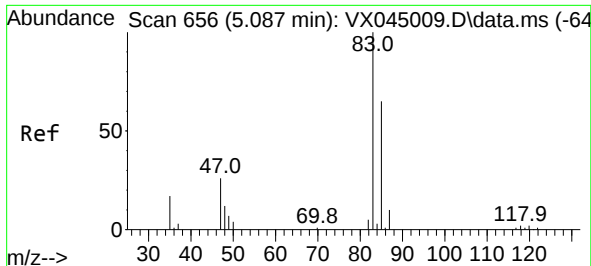
Tgt Ion: 59 Resp: 23999
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.706 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 73 Resp: 79696
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0





#25

Chloroform

Concen: 19.475 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

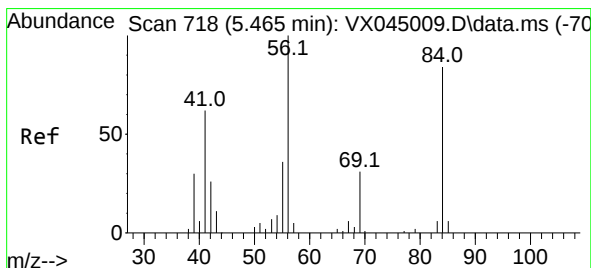
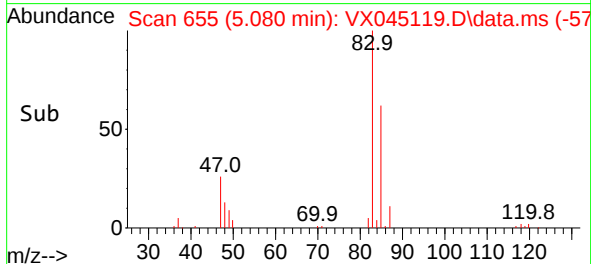
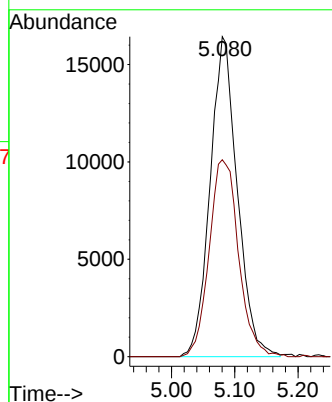
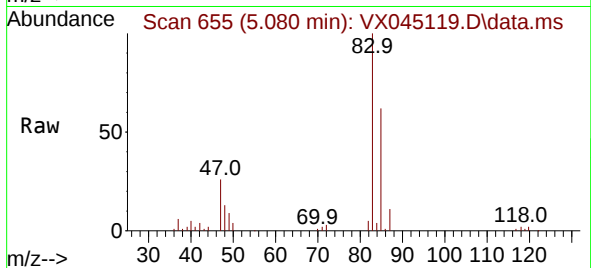
VSTDCCC020

Tgt Ion: 83 Resp: 49083

Ion Ratio Lower Upper

83 100

85 61.6 51.7 77.5



#26

Cyclohexane

Concen: 18.644 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

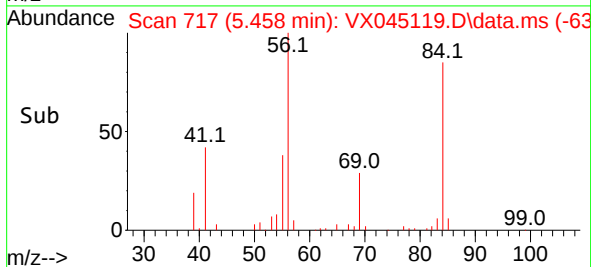
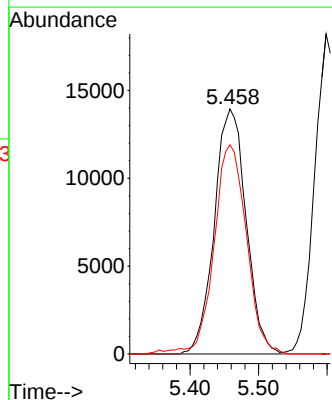
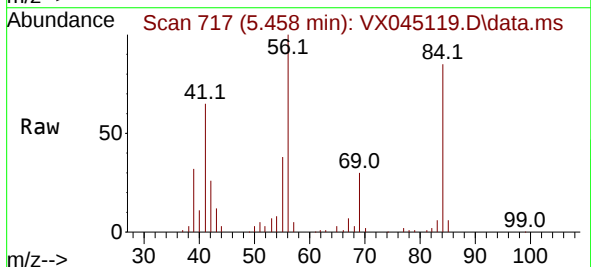
Tgt Ion: 56 Resp: 44905

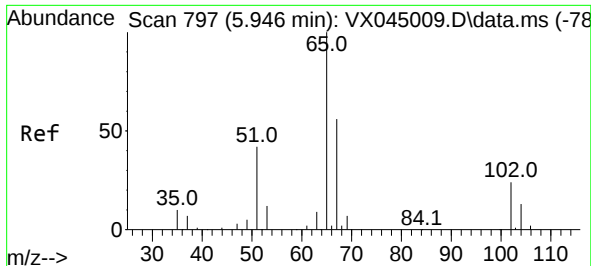
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.8 67.1 100.7

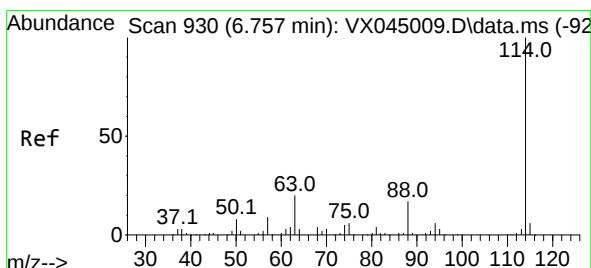
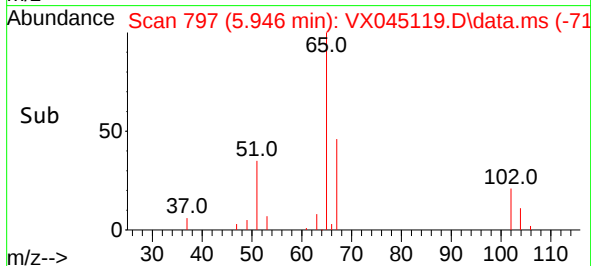
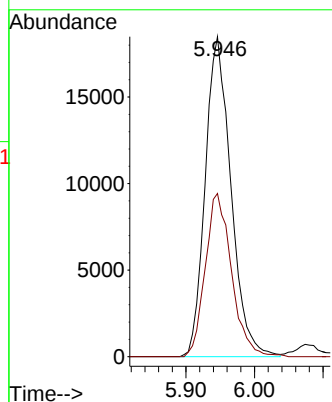
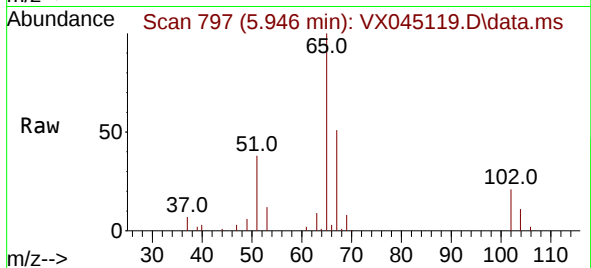




#27
 1,2-Dichloroethane-d4
 Concen: 28.908 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

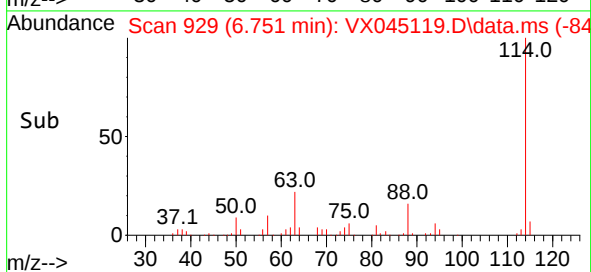
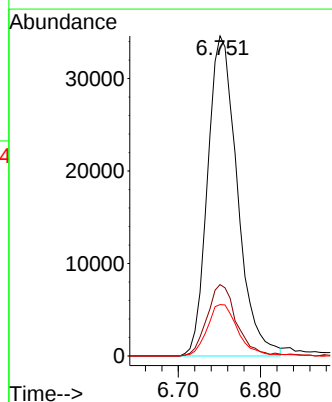
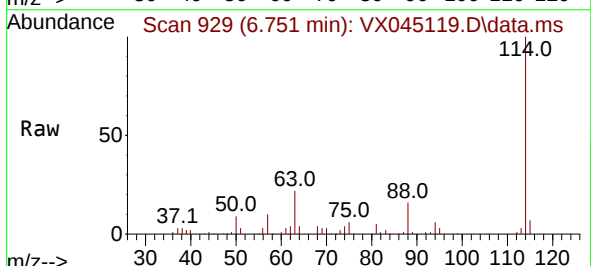
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

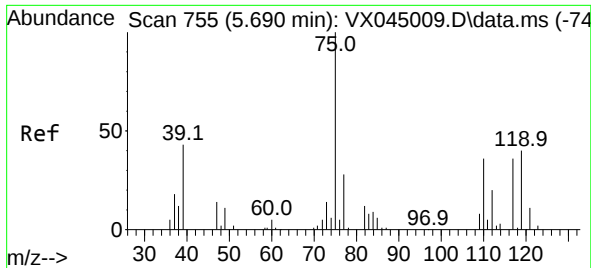
Tgt Ion: 65 Resp: 48247
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

Tgt Ion: 114 Resp: 86920
 Ion Ratio Lower Upper
 114 100
 63 21.8 16.8 25.2
 88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.895 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

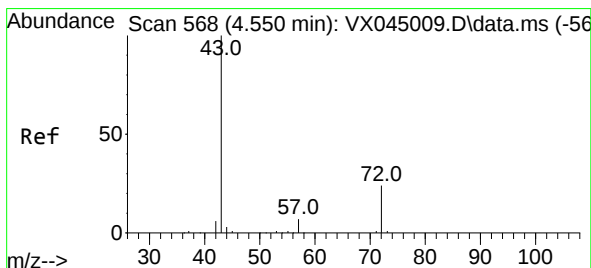
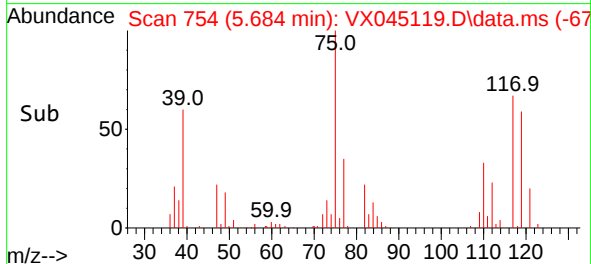
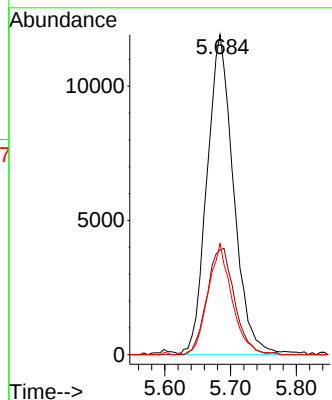
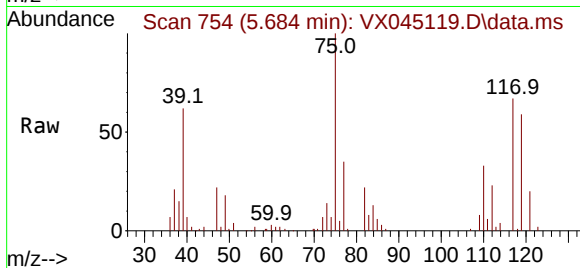
Tgt Ion: 75 Resp: 33410

Ion Ratio Lower Upper

75 100

110 34.4 0.0 69.2

77 31.5 0.0 61.0



#30

2-Butanone

Concen: 111.707 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

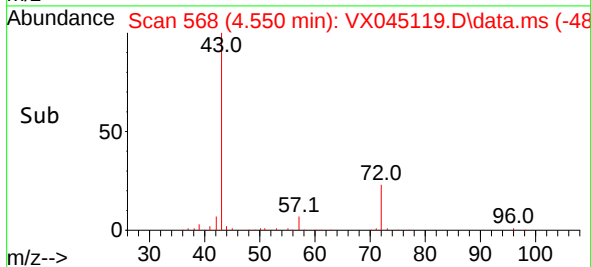
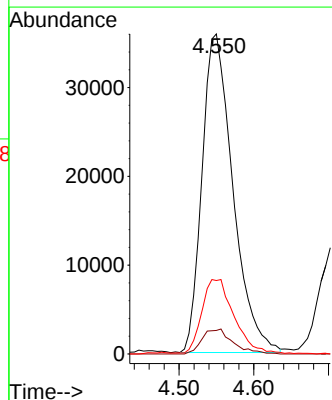
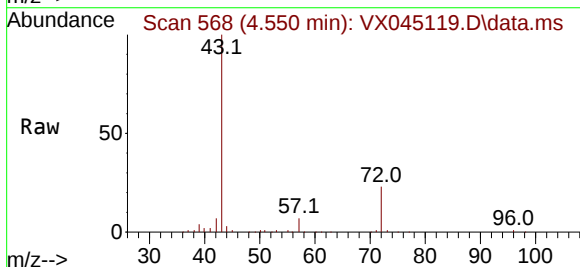
Tgt Ion: 43 Resp: 103164

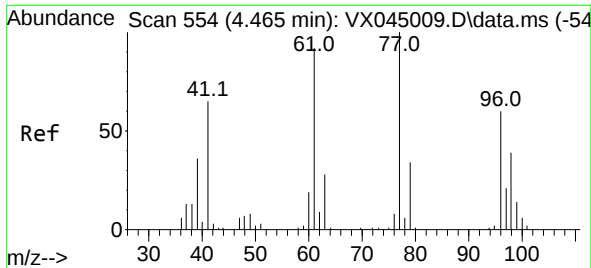
Ion Ratio Lower Upper

43 100

57 0.0 6.2 9.2#

72 24.4 20.2 30.2

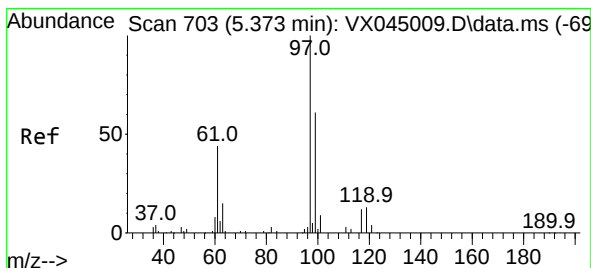
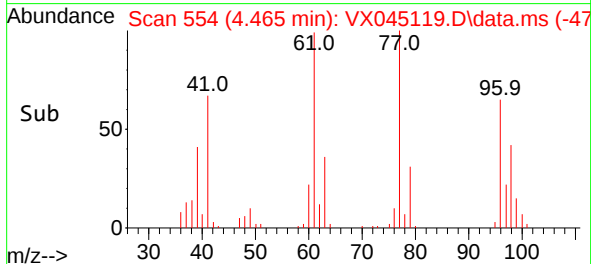
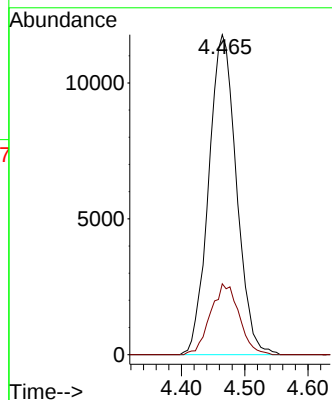
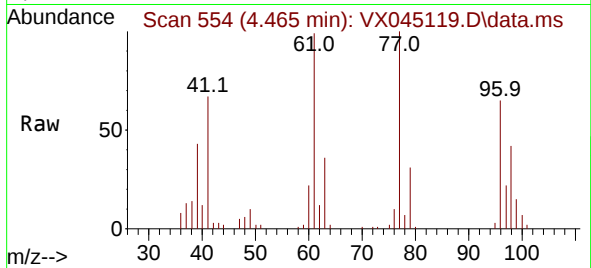




#31
2,2-Dichloropropane
Concen: 19.866 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

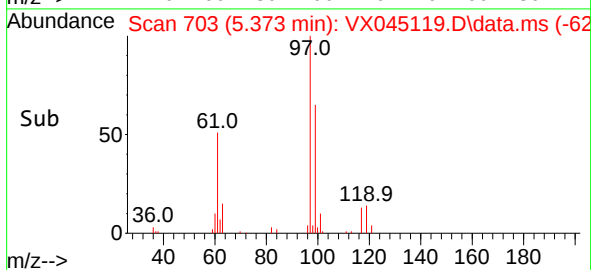
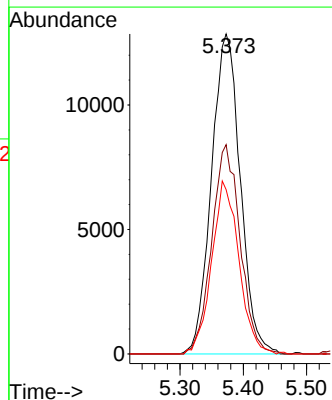
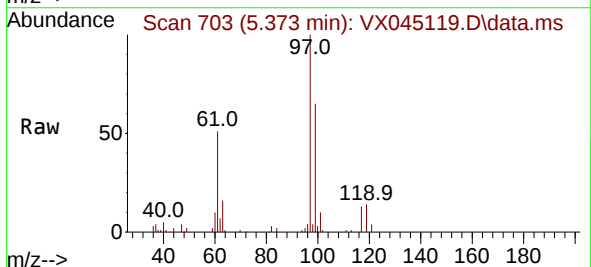
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

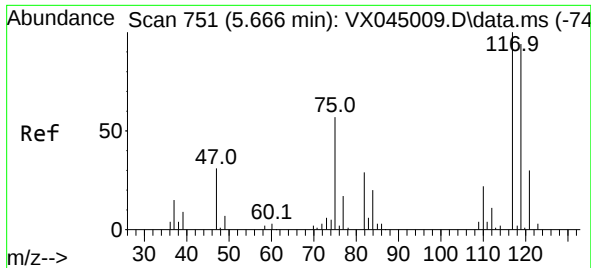
Tgt Ion: 77 Resp: 35917
Ion Ratio Lower Upper
77 100
97 22.6 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 21.001 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 97 Resp: 40686
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 51.0 38.5 57.7

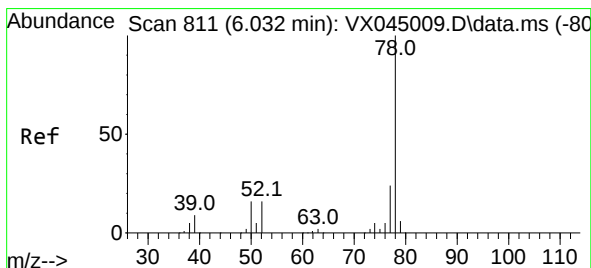
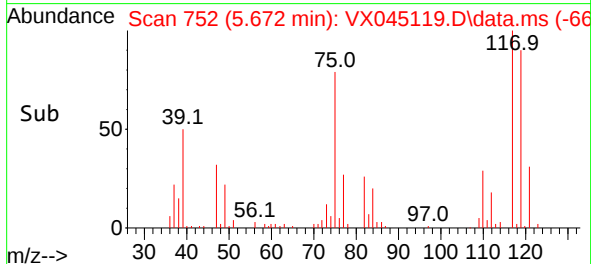
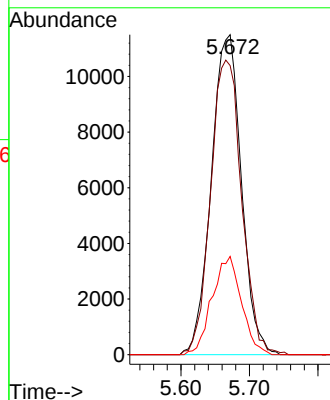
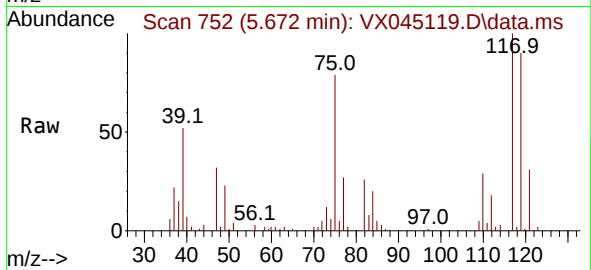




#33
Carbon Tetrachloride
Concen: 21.476 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

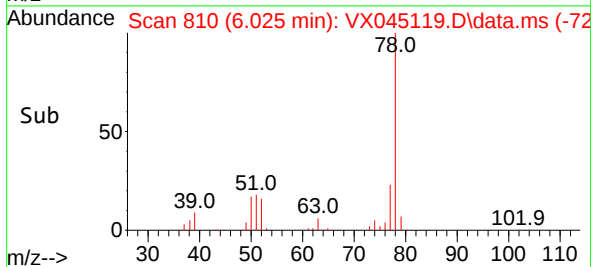
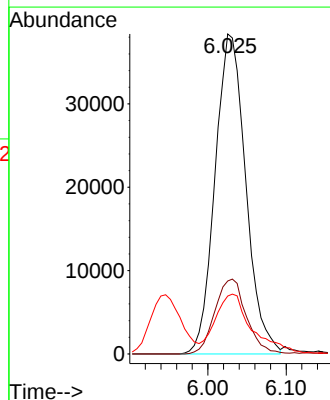
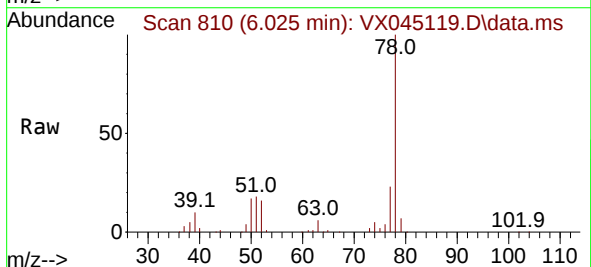
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

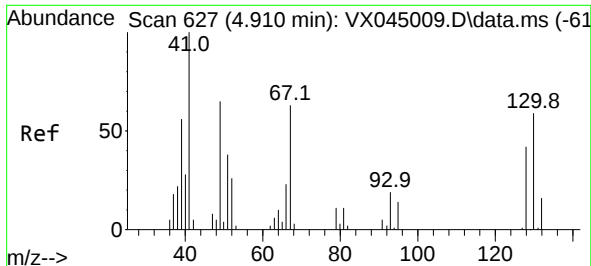
Tgt Ion:117 Resp: 35113
Ion Ratio Lower Upper
117 100
119 90.4 75.1 112.7
121 30.7 23.9 35.9



#34
Benzene
Concen: 20.857 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 78 Resp: 104579
Ion Ratio Lower Upper
78 100
77 22.8 19.6 29.4
51 15.0 13.8 20.6



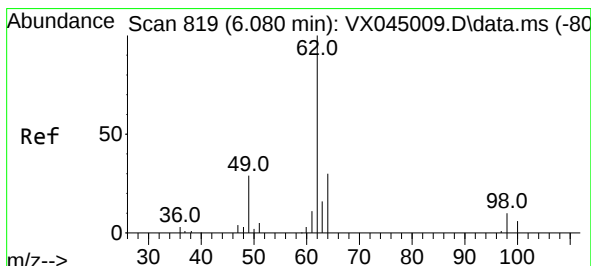
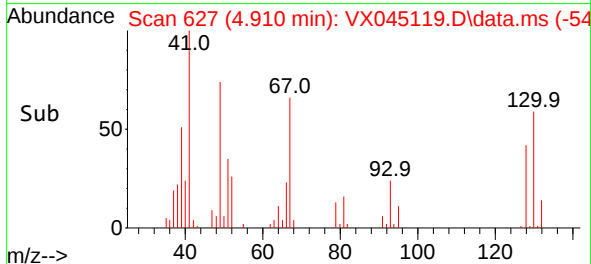
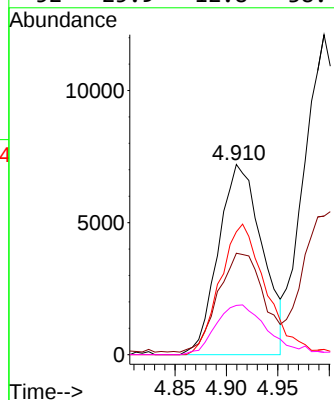
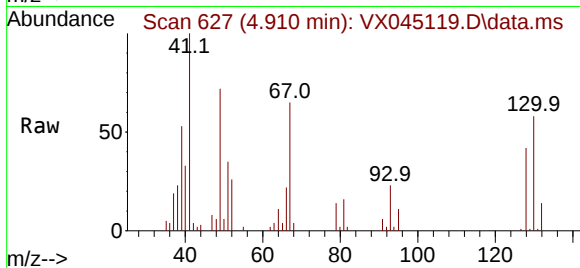


#35
Methacrylonitrile
Concen: 21.641 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 21387

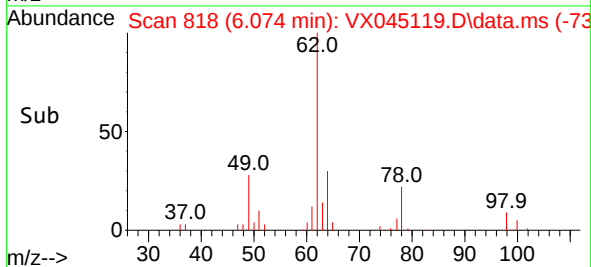
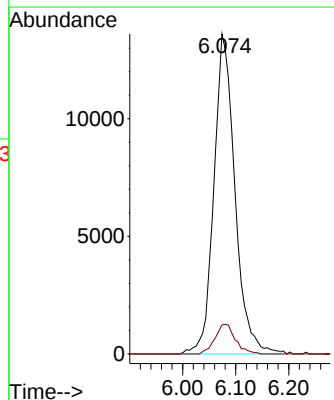
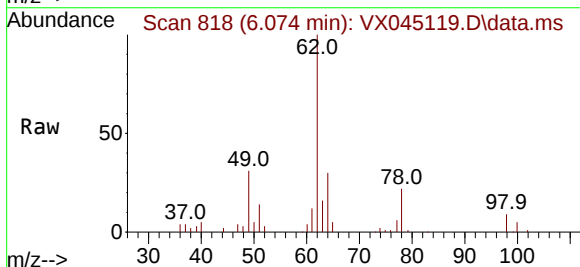
Ion	Ratio	Lower	Upper
41	100		
39	51.9	27.8	83.4
67	64.6	31.5	94.5
52	25.9	12.8	38.4

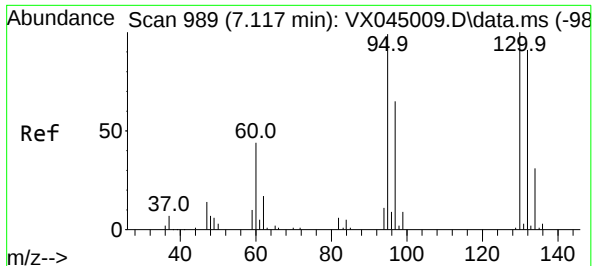


#36
1,2-Dichloroethane
Concen: 21.884 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 62 Resp: 37568

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.9	11.9





#37

Trichloroethene

Concen: 20.769 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

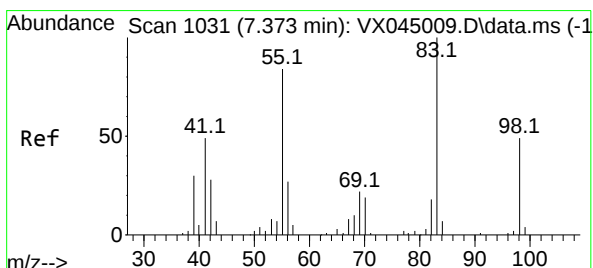
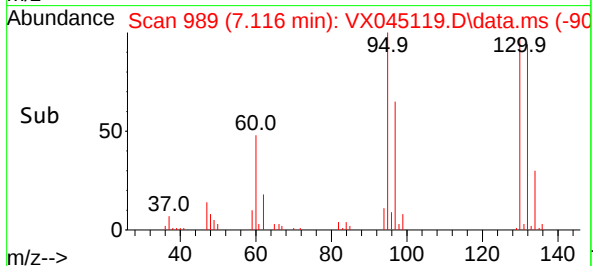
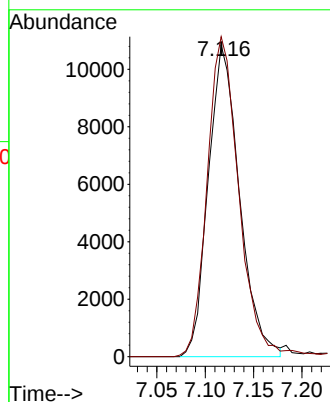
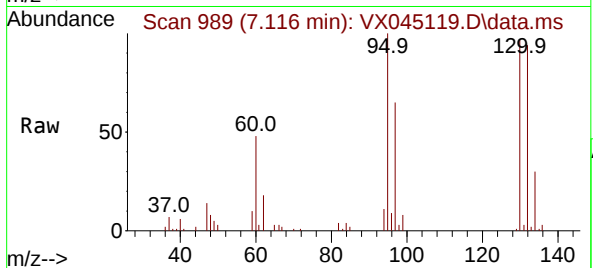
VSTDCCC020

Tgt Ion:130 Resp: 24363

Ion Ratio Lower Upper

130 100

95 102.1 79.0 118.4



#38

Methylcyclohexane

Concen: 20.630 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

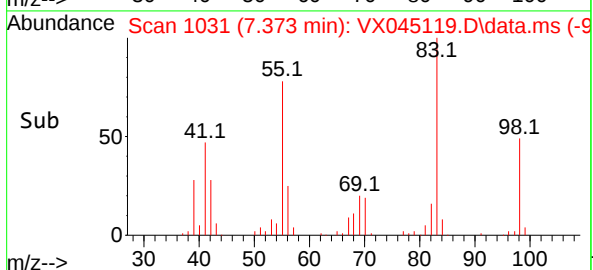
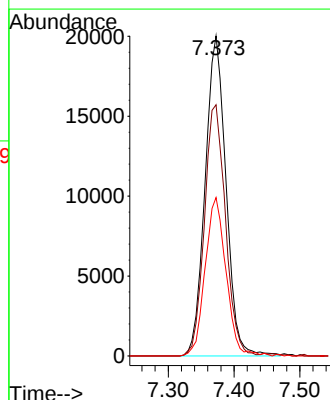
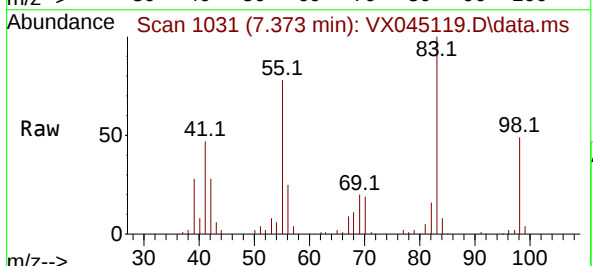
Tgt Ion: 83 Resp: 44290

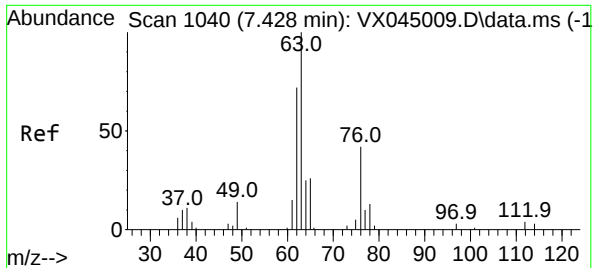
Ion Ratio Lower Upper

83 100

55 79.0 40.6 122.0

98 48.5 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.754 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

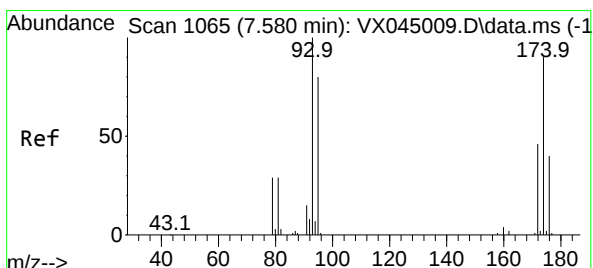
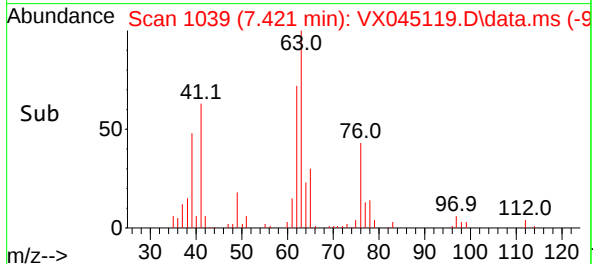
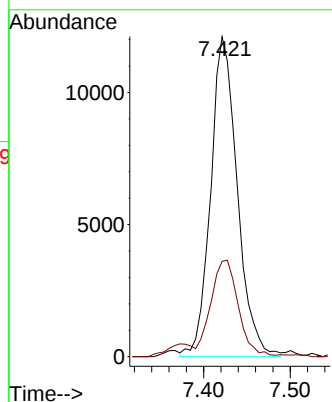
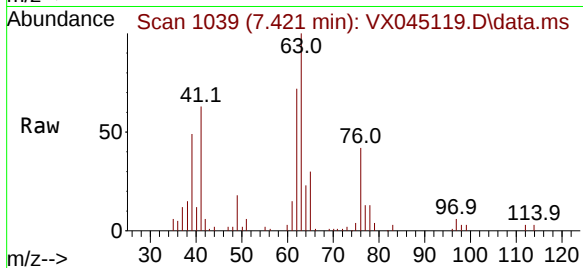
VSTDCCC020

Tgt Ion: 63 Resp: 25872

Ion Ratio Lower Upper

63 100

65 29.6 24.3 36.5



#40

Dibromomethane

Concen: 21.429 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

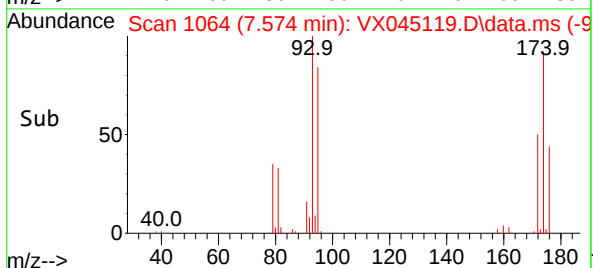
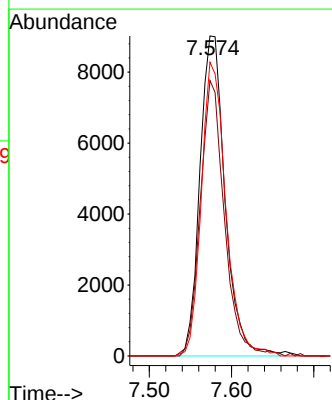
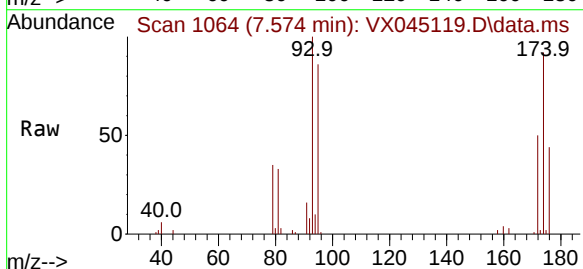
Tgt Ion: 93 Resp: 19169

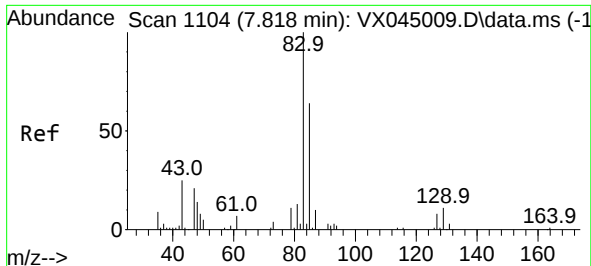
Ion Ratio Lower Upper

93 100

95 81.8 0.0 162.6

174 89.7 0.0 178.8

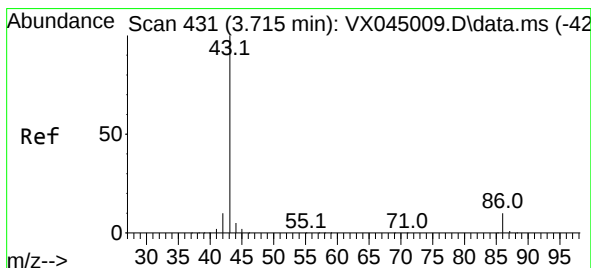
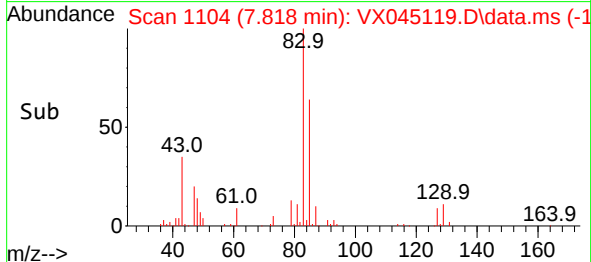
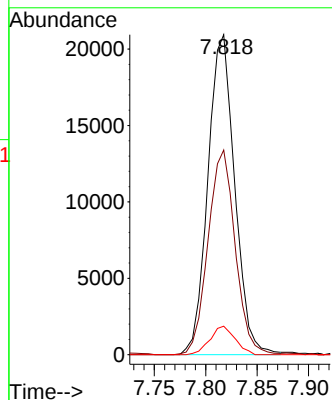
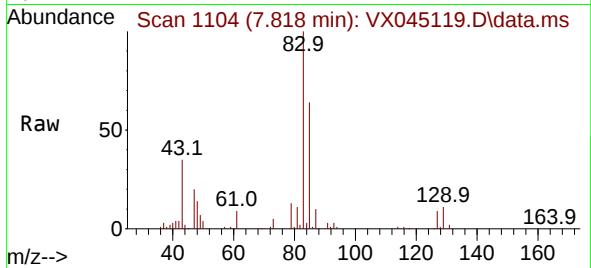




#41
Bromodichloromethane
Concen: 21.368 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

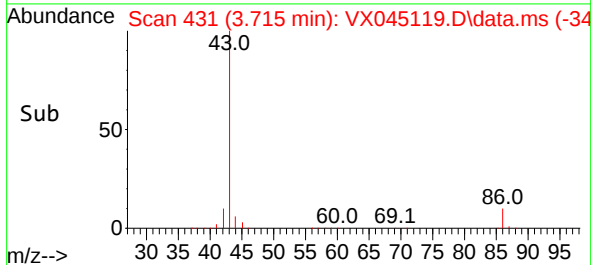
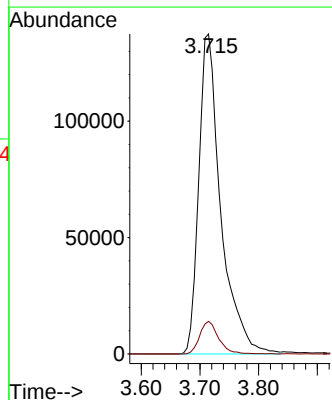
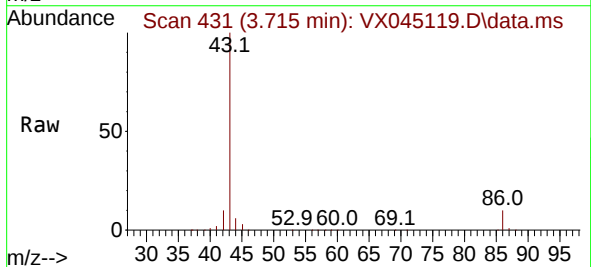
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

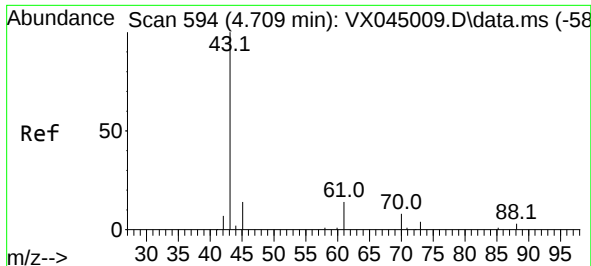
Tgt Ion:	83	Resp:	37991
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6
127	8.9	6.1	9.1



#42
Vinyl Acetate
Concen: 100.005 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:	43	Resp:	358394
Ion	Ratio	Lower	Upper
43	100		
86	8.7	7.0	10.4





#43

Ethyl Acetate

Concen: 20.783 ug/l

RT: 4.702 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

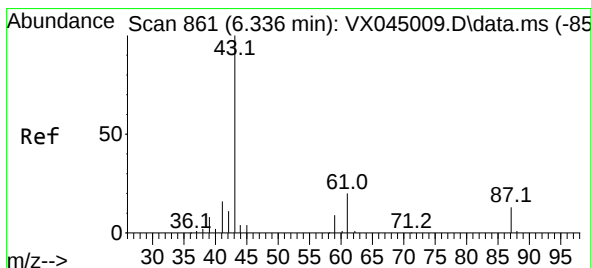
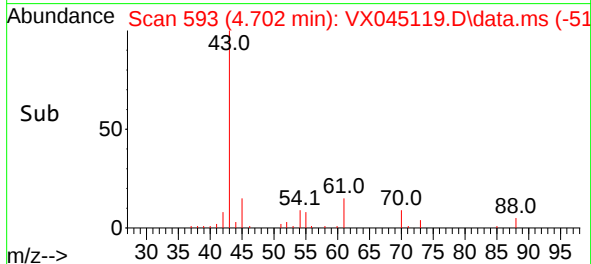
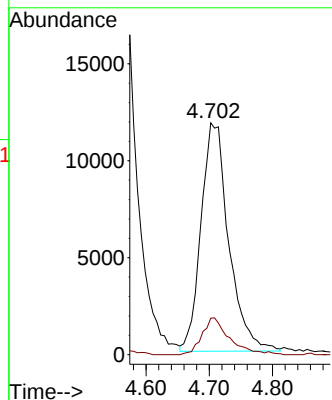
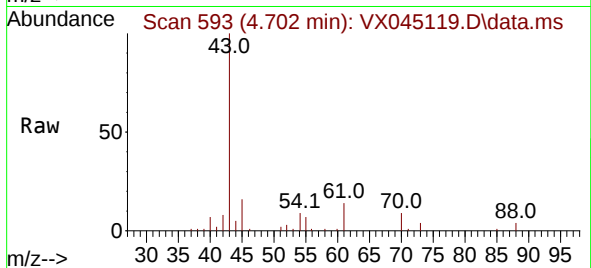
VSTDCCC020

Tgt Ion: 43 Resp: 35995

Ion Ratio Lower Upper

43 100

45 15.6 12.7 19.1



#44

Isopropyl Acetate

Concen: 20.491 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX045119.D

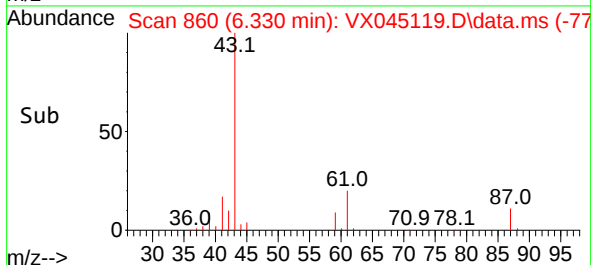
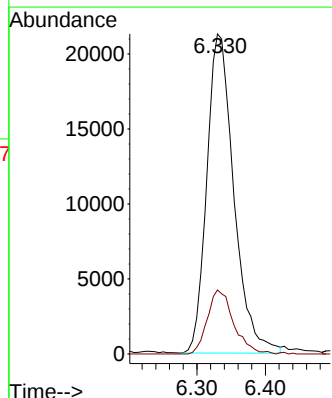
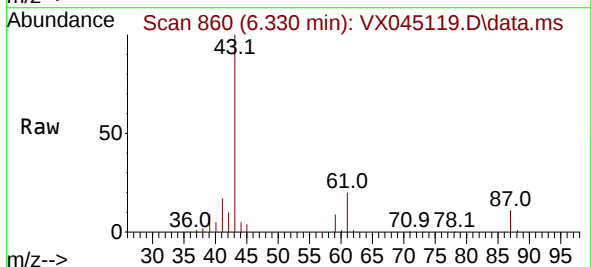
Acq: 04 Mar 2025 08:46

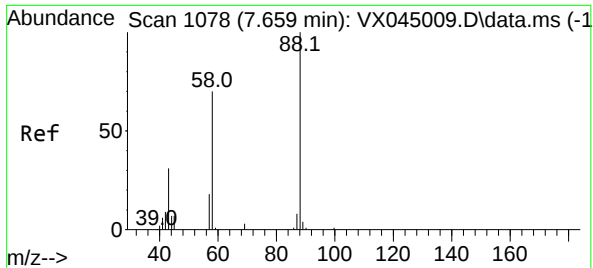
Tgt Ion: 43 Resp: 58408

Ion Ratio Lower Upper

43 100

61 19.3 15.5 23.3

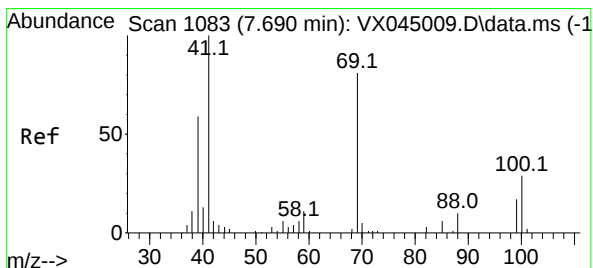
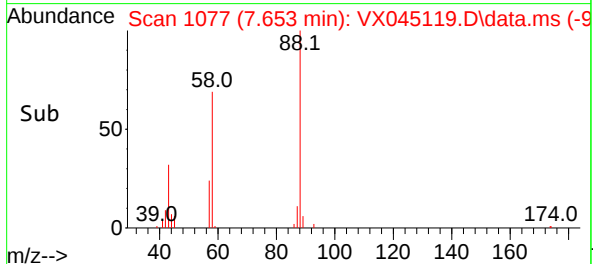
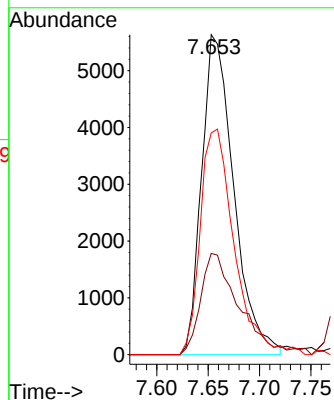
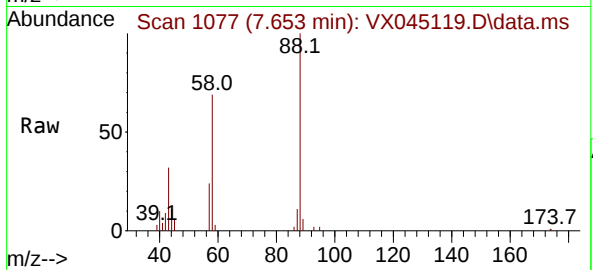




#45
1,4-Dioxane
Concen: 413.470 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

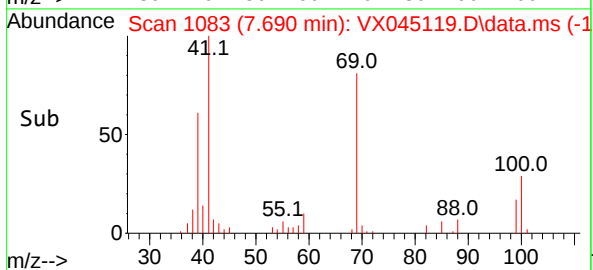
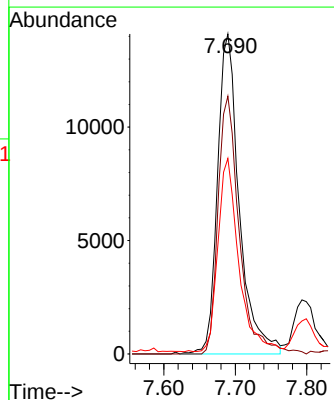
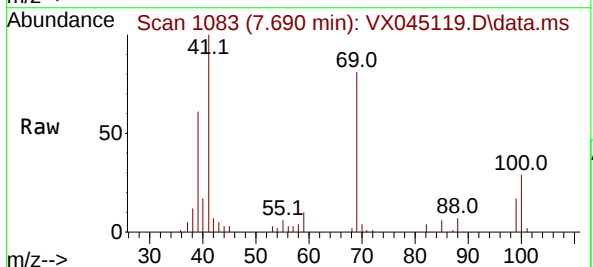
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

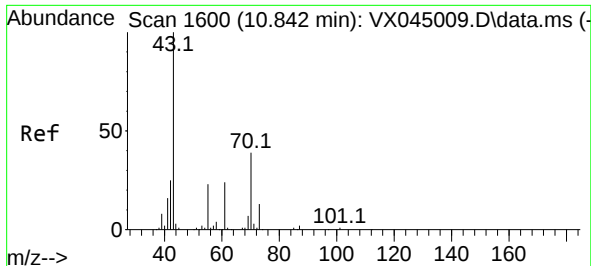
Tgt Ion: 88 Resp: 12252
Ion Ratio Lower Upper
88 100
43 37.2 29.6 44.4
58 73.8 56.2 84.4



#46
Methyl methacrylate
Concen: 21.385 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 41 Resp: 29891
Ion Ratio Lower Upper
41 100
69 80.5 40.7 122.1
39 60.3 29.5 88.5





#47

n-amyl acetate

Concen: 20.428 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

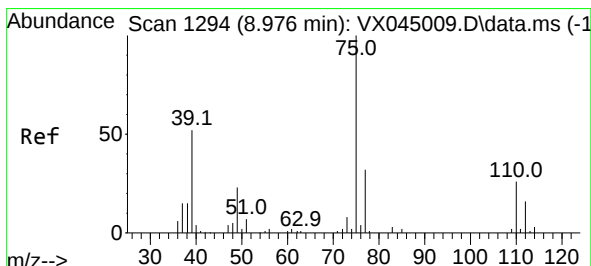
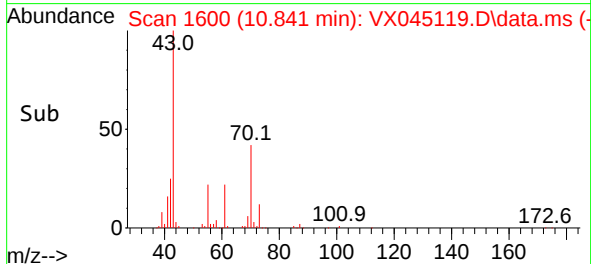
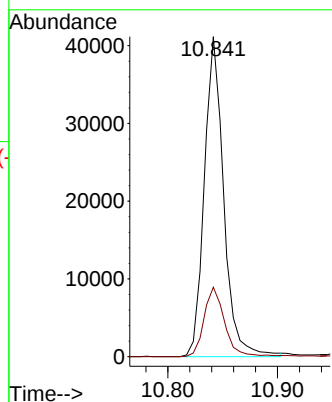
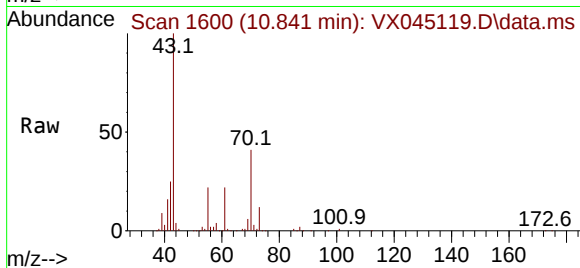
VSTDCCC020

Tgt Ion: 43 Resp: 50529

Ion Ratio Lower Upper

43 100

55 23.0 18.6 27.8



#48

t-1,3-Dichloropropene

Concen: 19.200 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045119.D

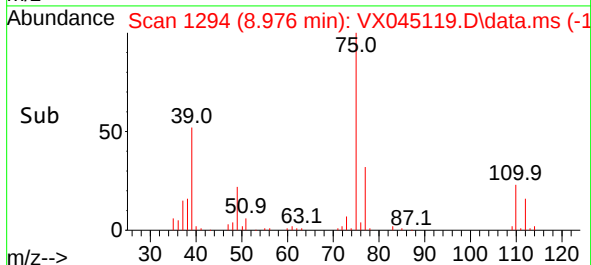
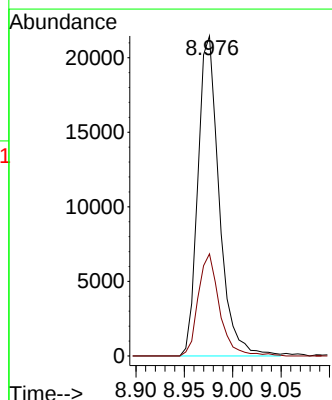
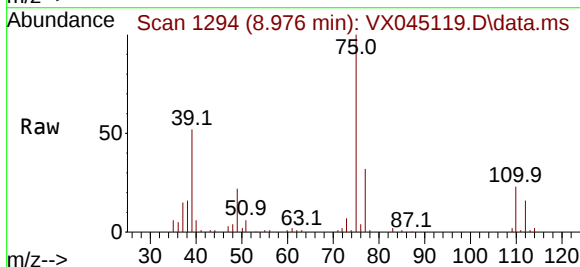
Acq: 04 Mar 2025 08:46

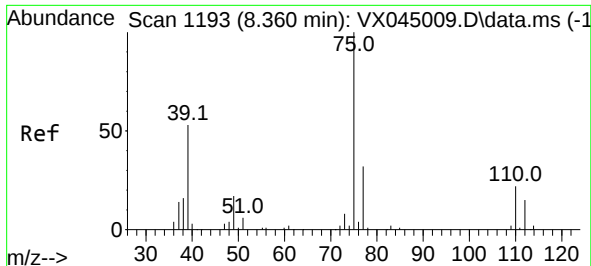
Tgt Ion: 75 Resp: 32903

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 20.159 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

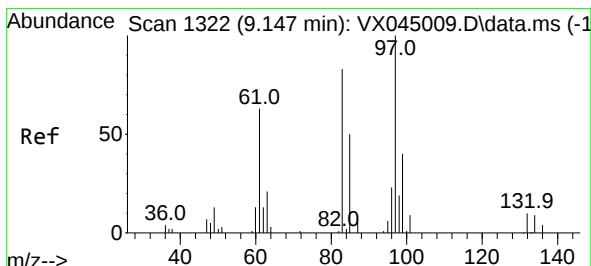
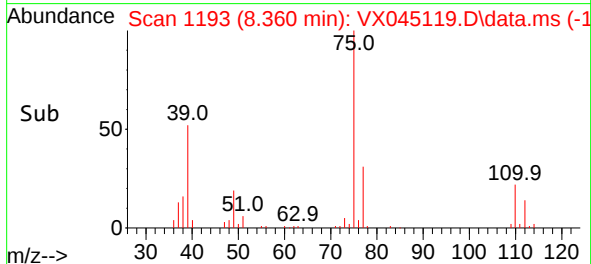
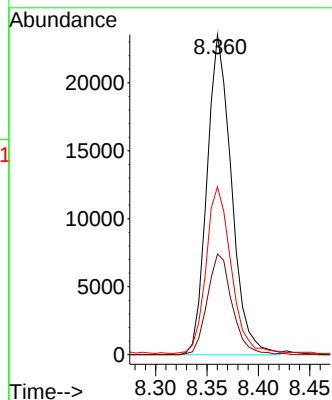
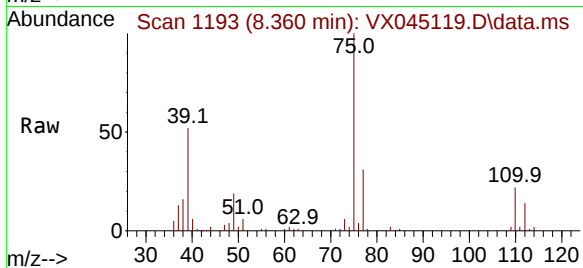
Tgt Ion: 75 Resp: 39108

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9

39 51.8 42.3 63.5



#50

1,1,2-Trichloroethane

Concen: 21.636 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Tgt Ion: 97 Resp: 25245

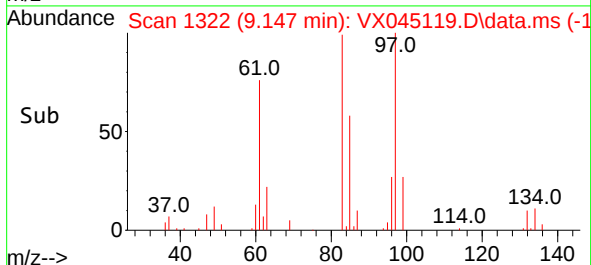
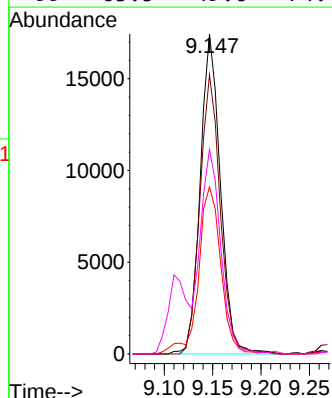
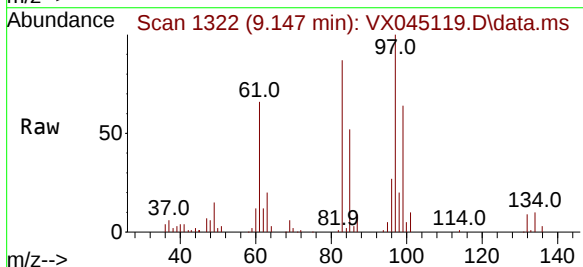
Ion Ratio Lower Upper

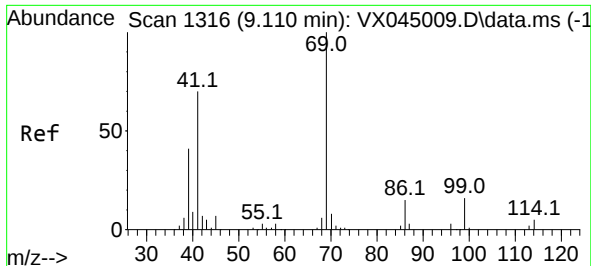
97 100

83 87.3 66.0 99.0

85 52.2 42.5 63.7

99 63.5 49.6 74.4

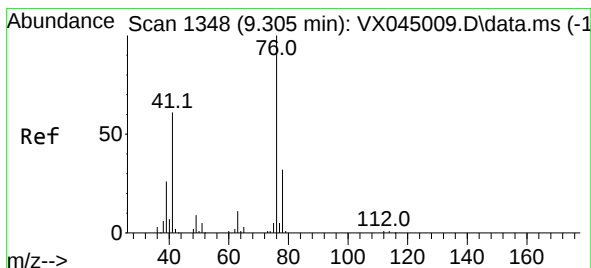
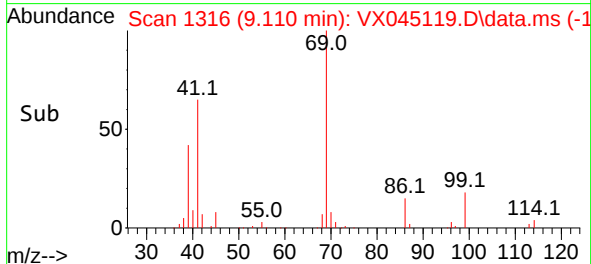
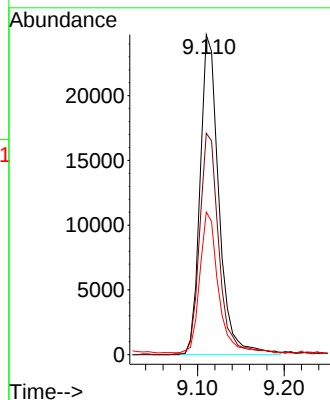
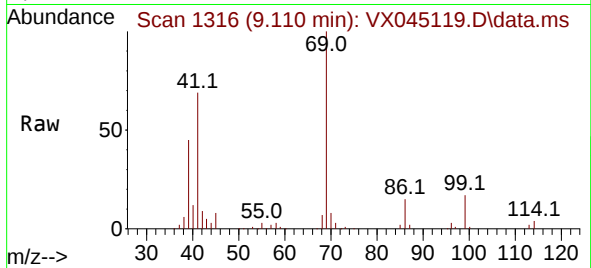




#51
Ethyl methacrylate
Concen: 20.298 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

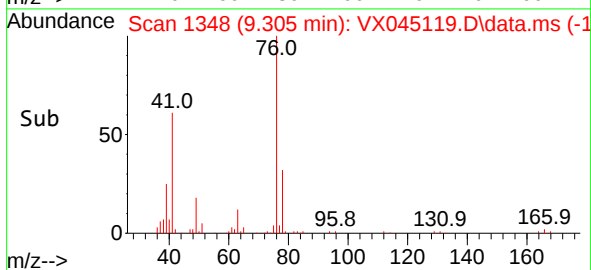
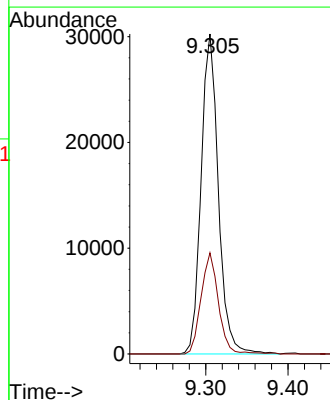
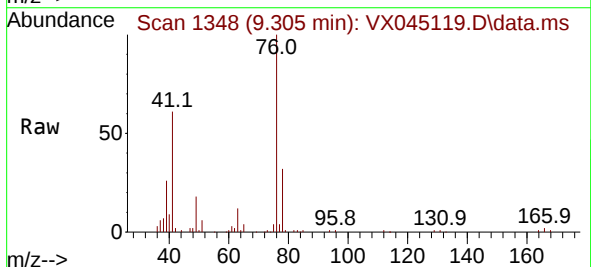
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

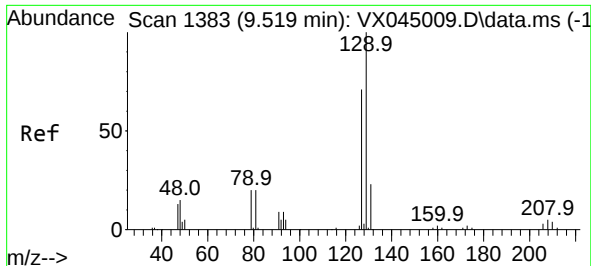
Tgt Ion: 69 Resp: 37249
Ion Ratio Lower Upper
69 100
41 68.9 35.1 105.3
39 43.9 20.5 61.6



#52
1,3-Dichloropropane
Concen: 21.613 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 76 Resp: 44187
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6

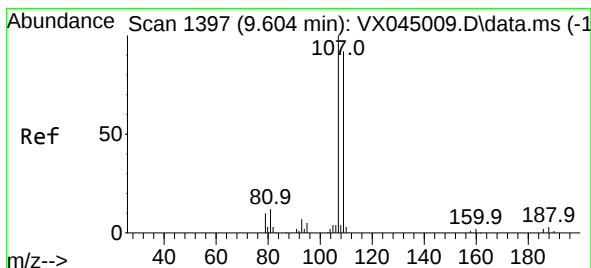
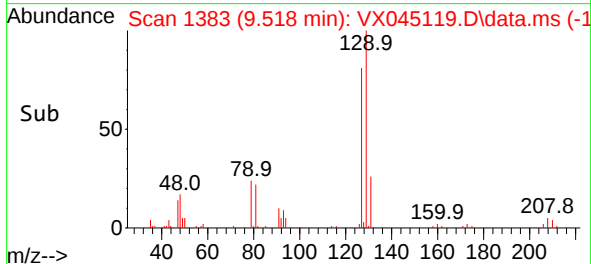
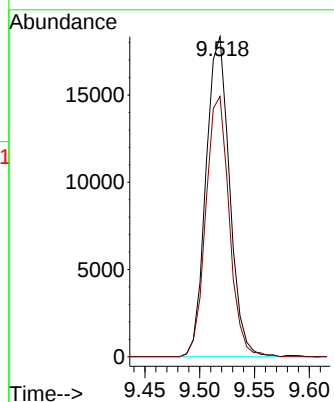
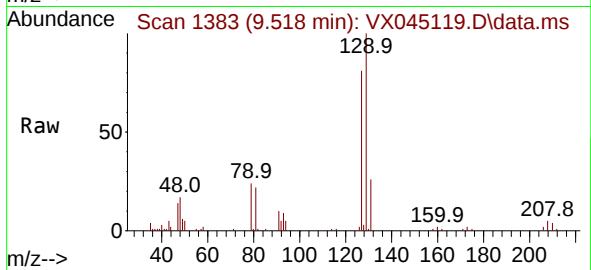




#53
Dibromochloromethane
Concen: 21.262 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

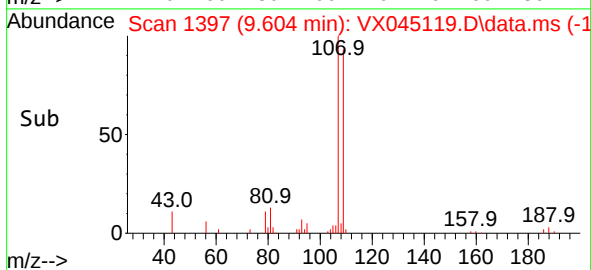
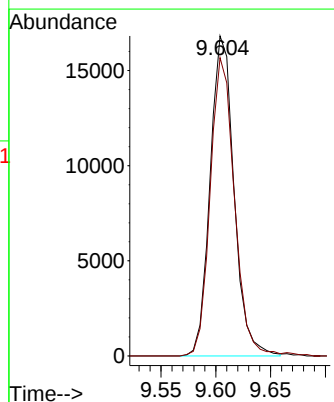
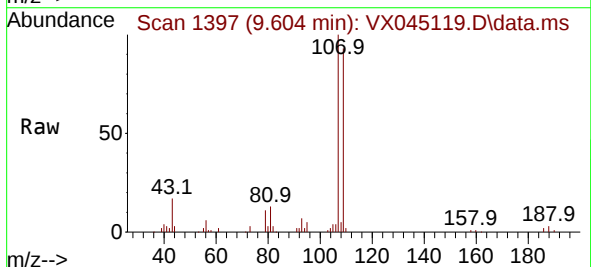
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 27438
Ion Ratio Lower Upper
129 100
127 80.9 37.3 111.9



#54
1,2-Dibromoethane
Concen: 21.513 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:107 Resp: 25490
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8

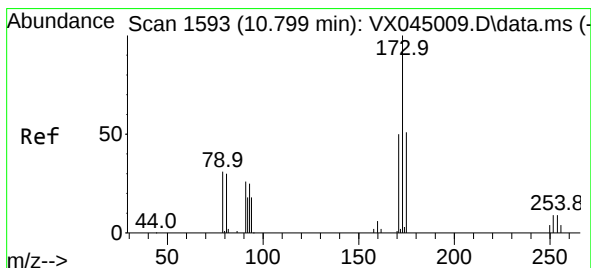
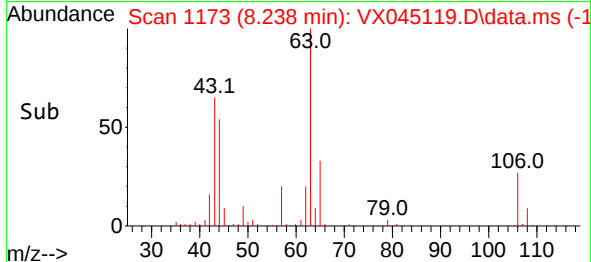
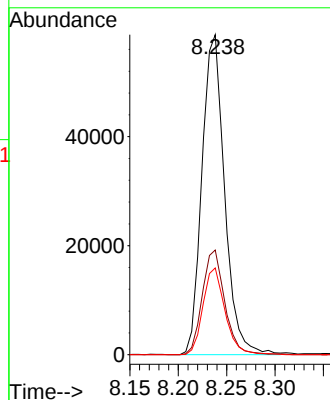
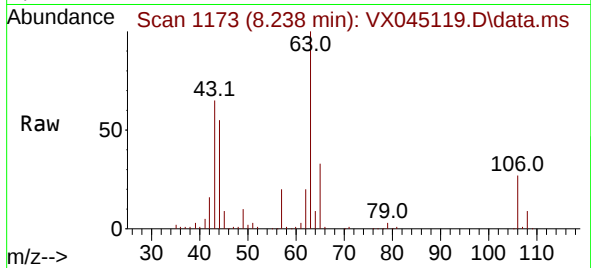




#55
2-Chloroethyl vinyl ether
Concen: 101.910 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

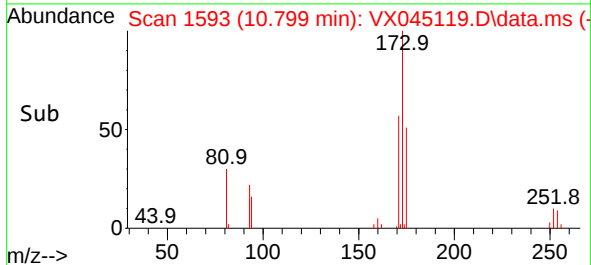
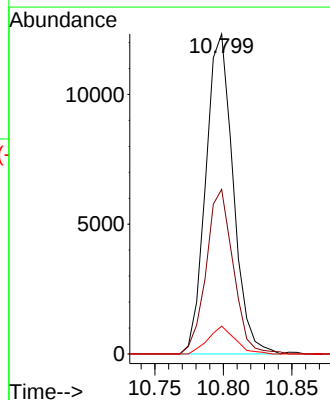
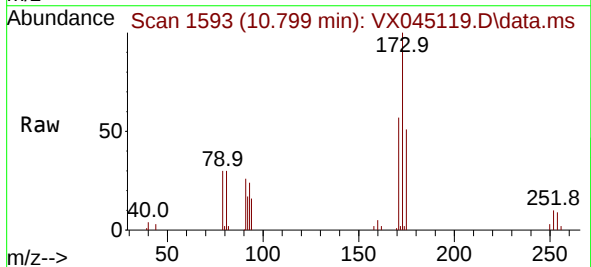
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

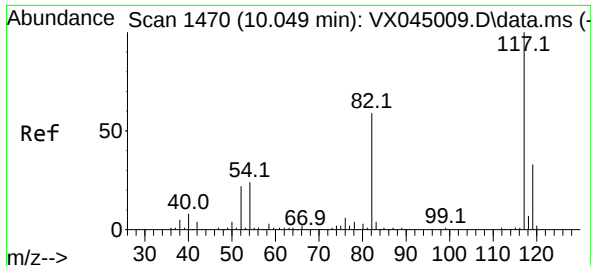
Tgt Ion: 63 Resp: 96037
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 26.2 21.2 31.8



#56
Bromoform
Concen: 21.171 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 173 Resp: 17120
Ion Ratio Lower Upper
173 100
175 51.0 39.6 59.4
254 8.6 6.3 9.5

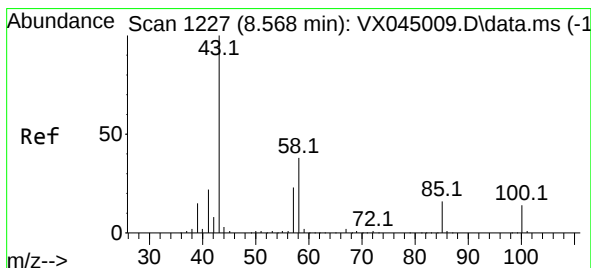
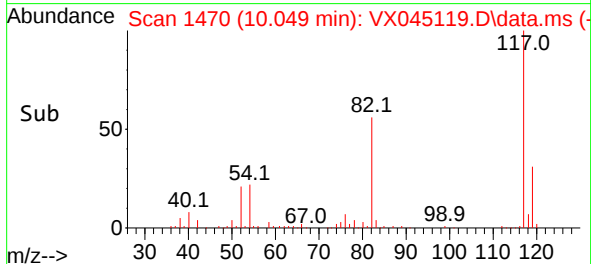
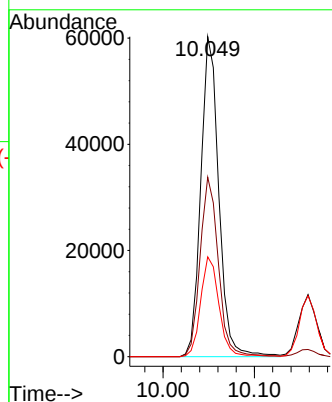
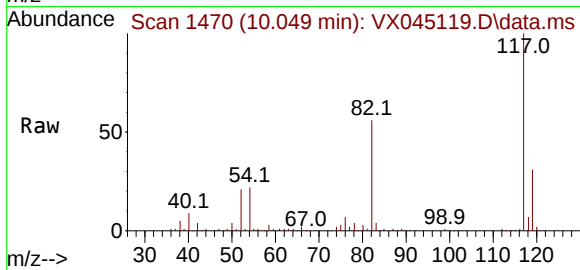




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

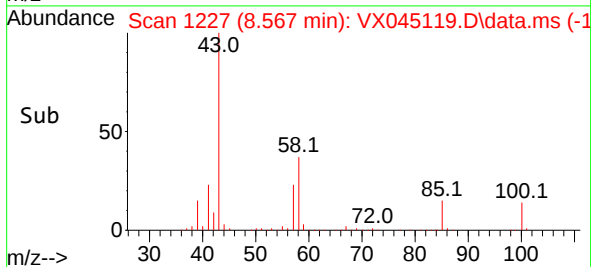
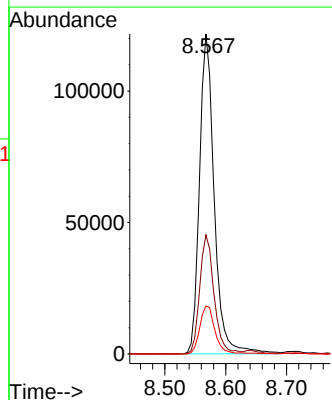
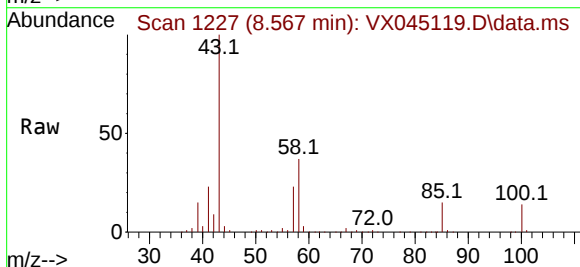
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

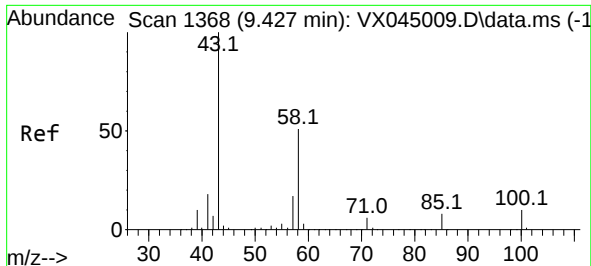
Tgt Ion:117 Resp: 82480
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.8
119 31.5 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 109.095 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 43 Resp: 204690
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3
85 15.2 12.9 19.3





#59

2-Hexanone

Concen: 109.288 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

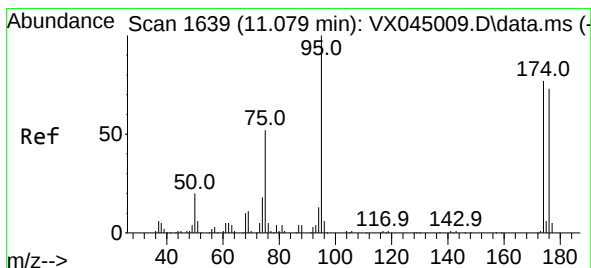
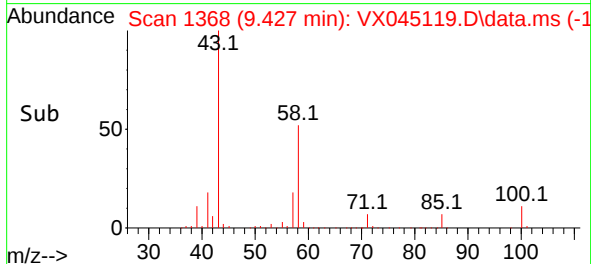
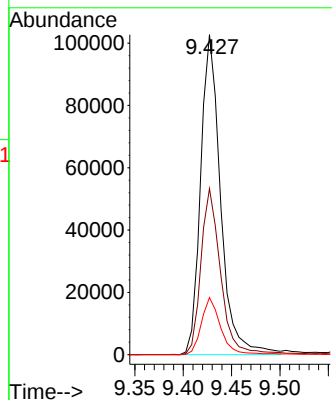
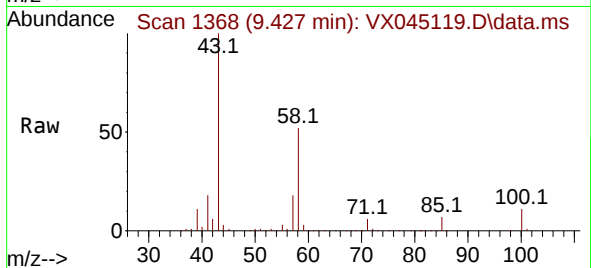
Tgt Ion: 43 Resp: 148213

Ion Ratio Lower Upper

43 100

58 51.4 41.6 62.4

57 17.1 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 30.005 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

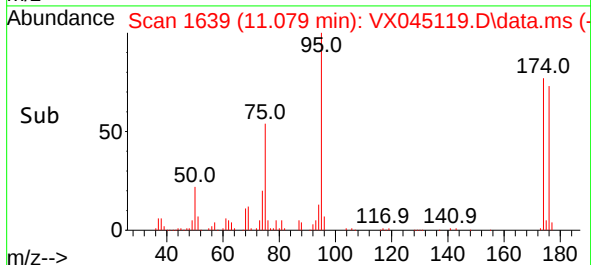
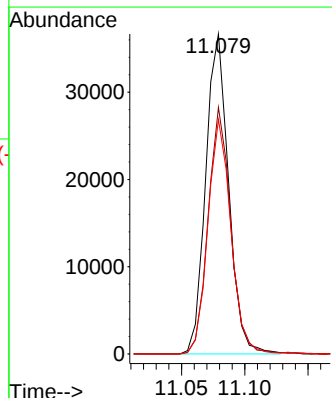
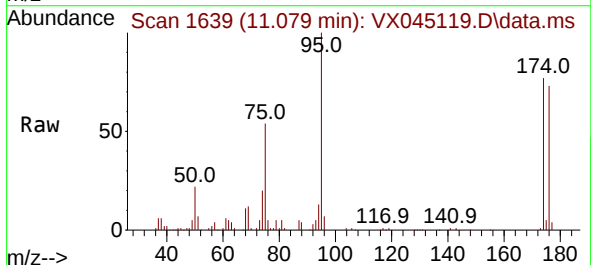
Tgt Ion: 95 Resp: 46258

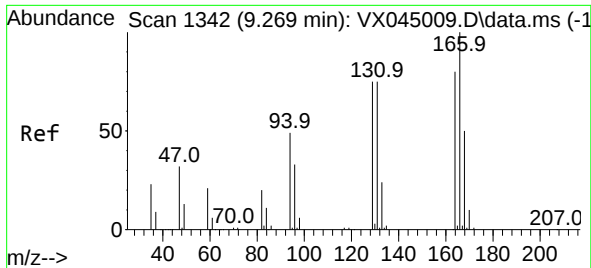
Ion Ratio Lower Upper

95 100

174 75.8 59.5 89.3

176 73.3 55.5 83.3



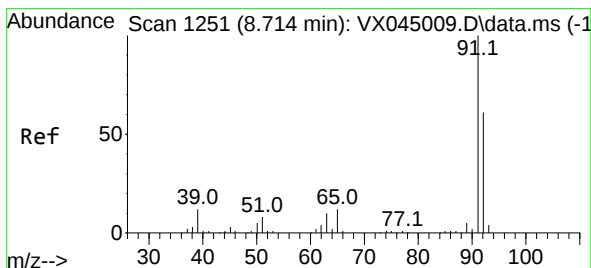
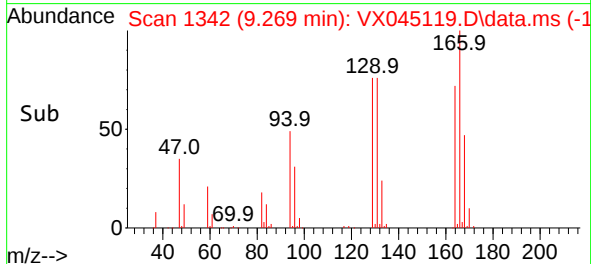
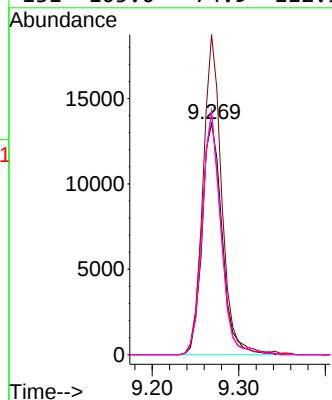
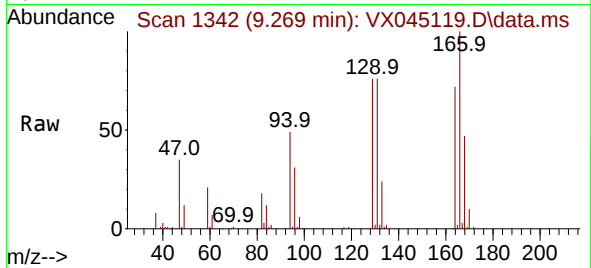


#61
Tetrachloroethene
Concen: 21.282 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 21615

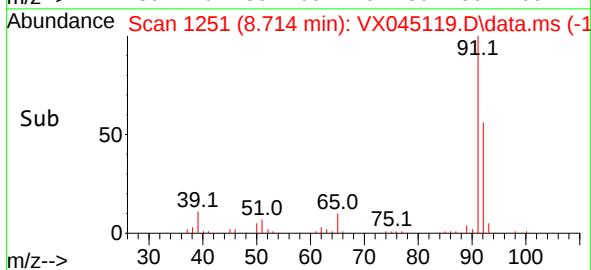
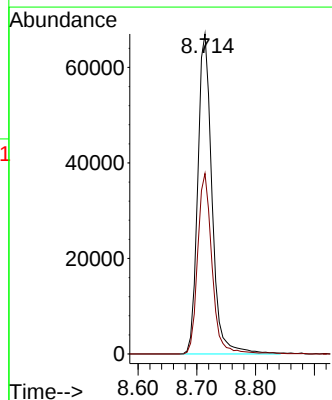
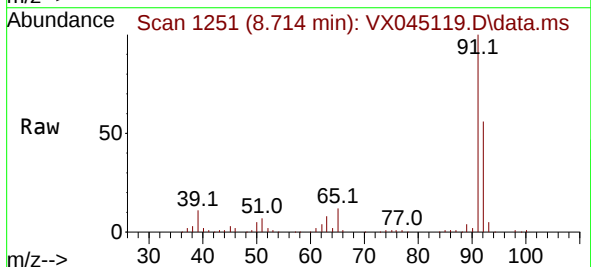
Ion	Ratio	Lower	Upper
164	100		
166	138.4	100.3	150.5
129	105.1	75.5	113.3
131	105.0	74.9	112.3

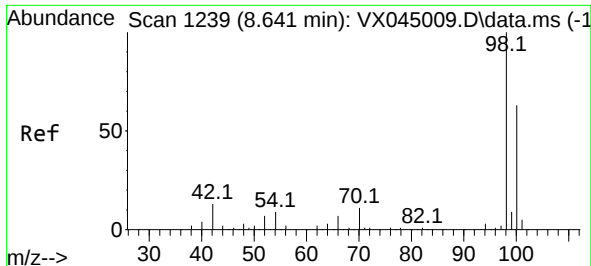


#62
Toluene
Concen: 20.678 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 91 Resp: 112982

Ion	Ratio	Lower	Upper
91	100		
92	56.5	46.9	70.3

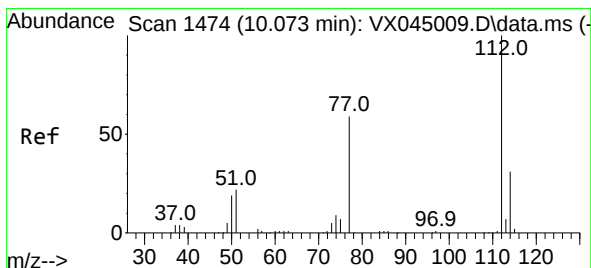
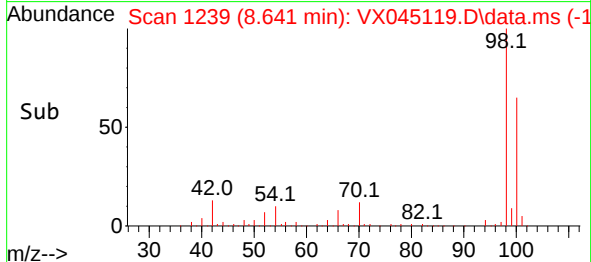
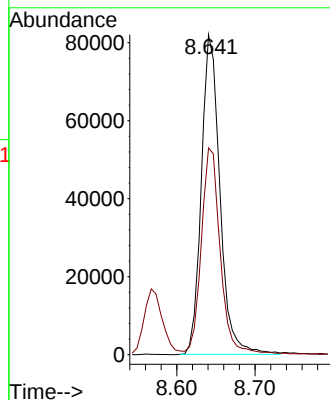
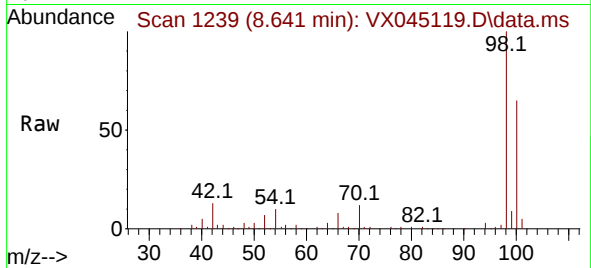




#63
Toluene-d8
Concen: 29.658 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

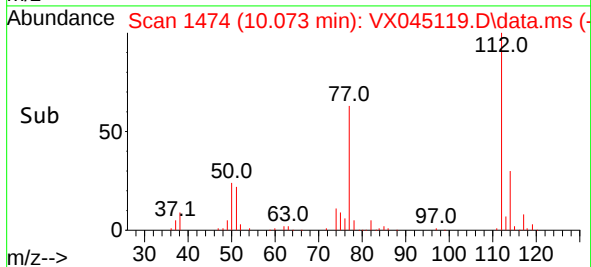
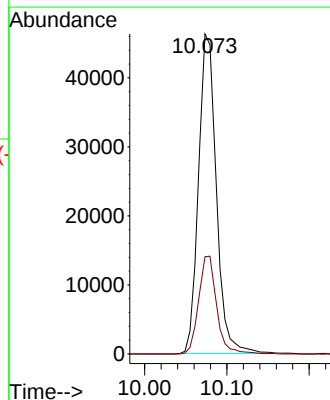
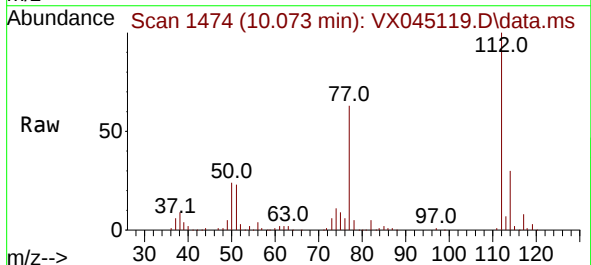
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

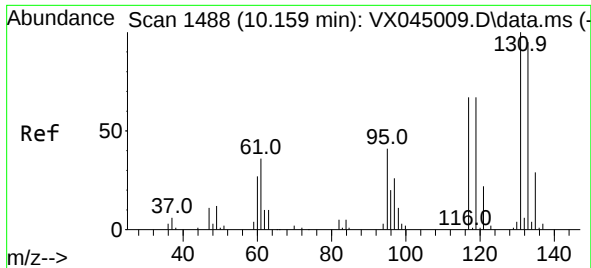
Tgt Ion: 98 Resp: 135329
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#64
Chlorobenzene
Concen: 20.618 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 112 Resp: 69807
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1

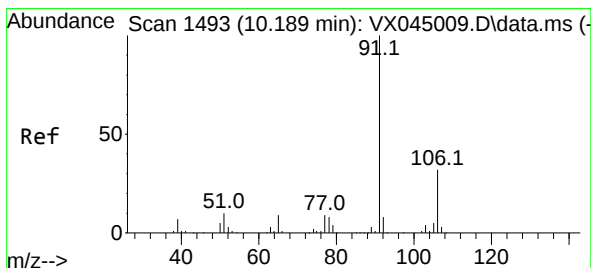
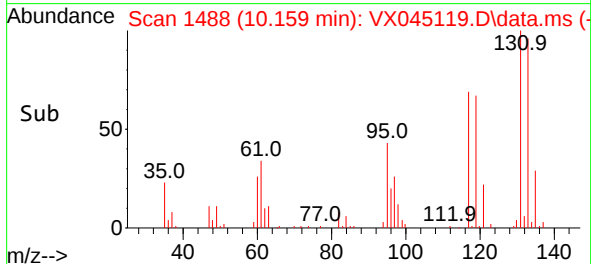
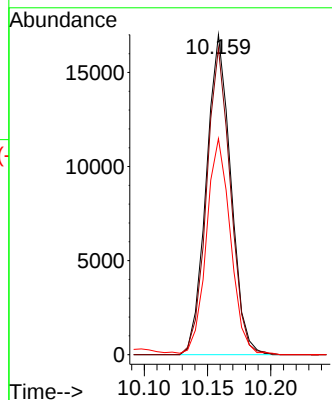
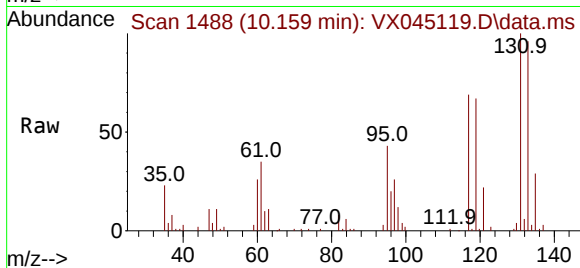




#65
1,1,1,2-Tetrachloroethane
Concen: 20.551 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

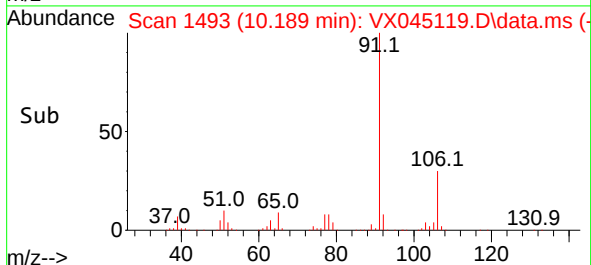
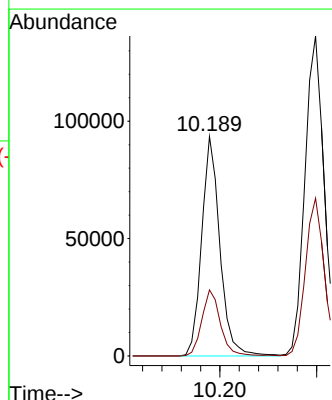
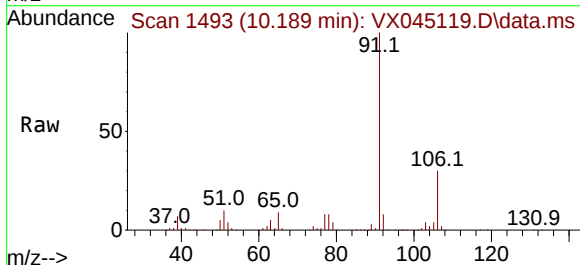
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

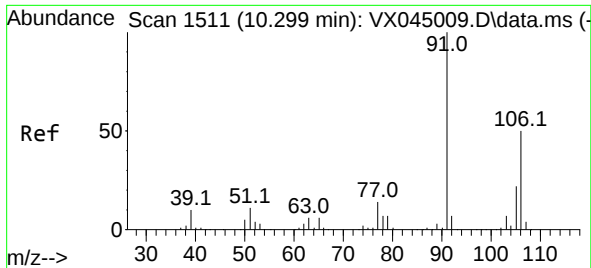
Tgt Ion:131 Resp: 22959
Ion Ratio Lower Upper
131 100
133 93.0 0.0 187.8
119 65.4 0.0 133.0



#66
Ethyl Benzene
Concen: 20.503 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 91 Resp: 122645
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2

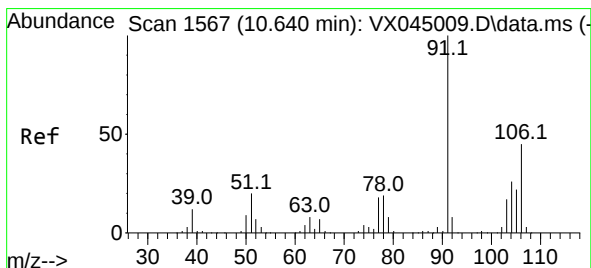
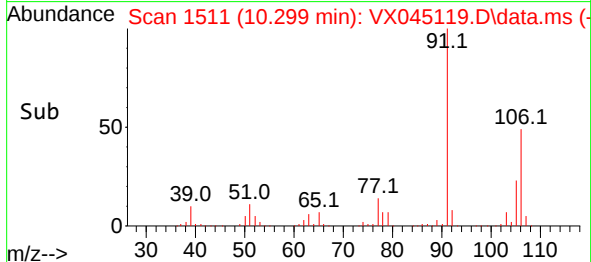
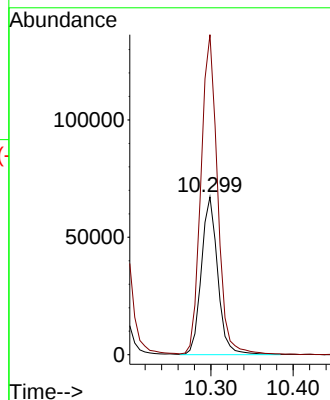
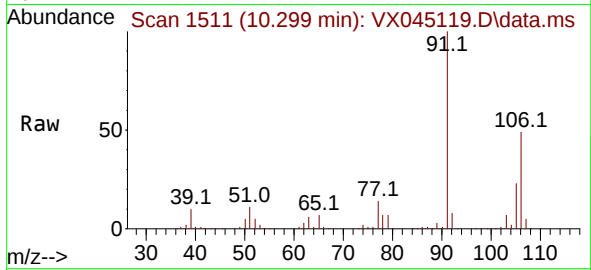




#67
m/p-Xylenes
Concen: 41.715 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

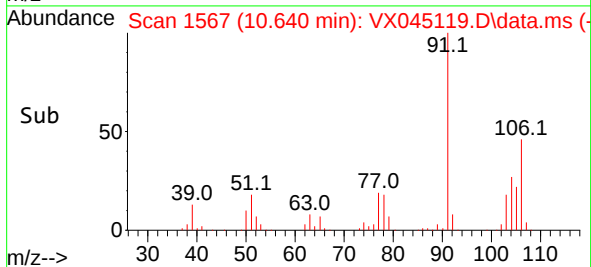
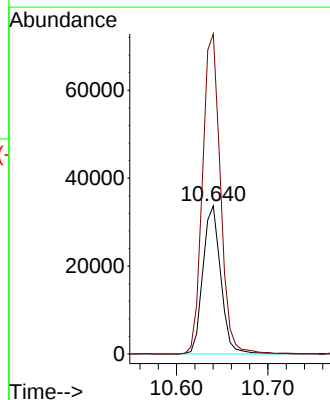
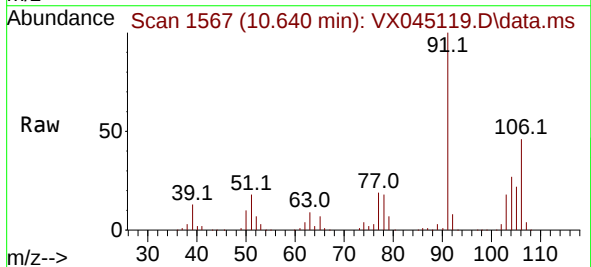
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

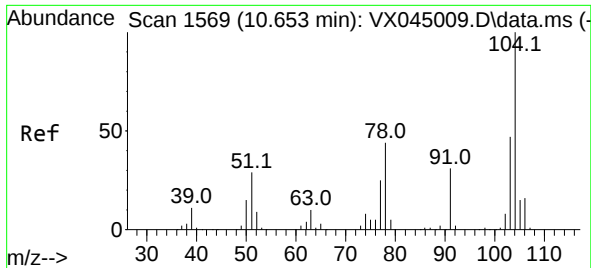
Tgt Ion:106 Resp: 92972
Ion Ratio Lower Upper
106 100
91 206.6 163.7 245.5



#68
o-Xylene
Concen: 20.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:106 Resp: 45602
Ion Ratio Lower Upper
106 100
91 217.2 109.7 329.1

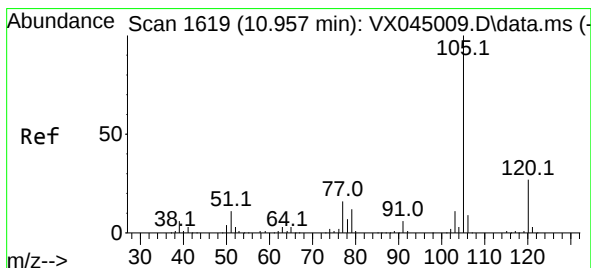
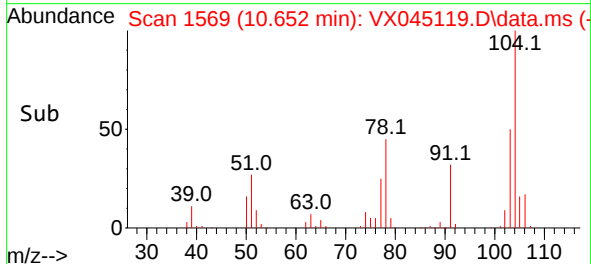
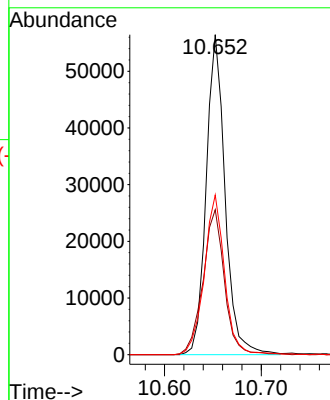
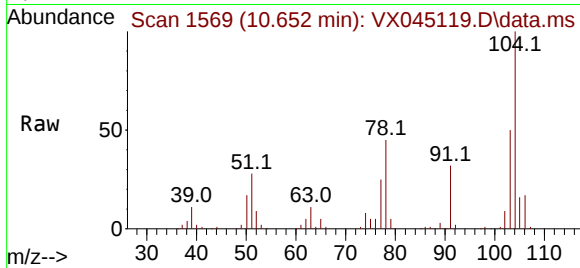




#69
Styrene
Concen: 21.039 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

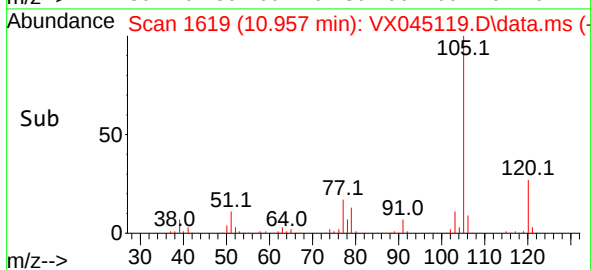
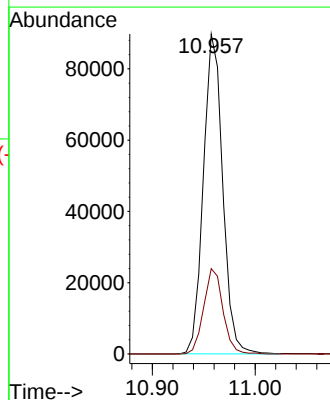
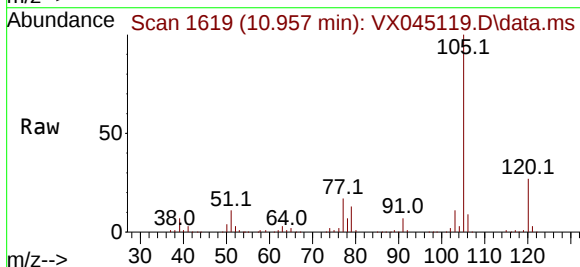
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

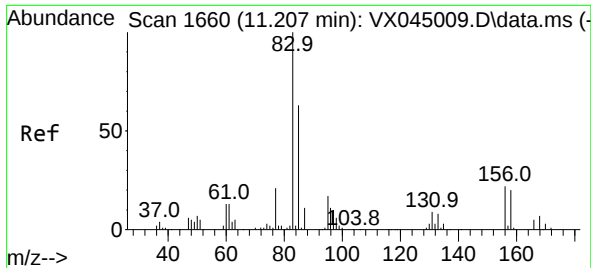
Tgt Ion:104 Resp: 76837
Ion Ratio Lower Upper
104 100
78 51.4 41.4 62.0
103 53.8 43.0 64.4



#70
Isopropylbenzene
Concen: 20.830 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:105 Resp: 117548
Ion Ratio Lower Upper
105 100
120 26.5 18.4 34.2

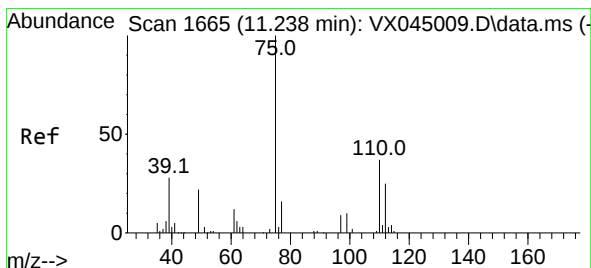
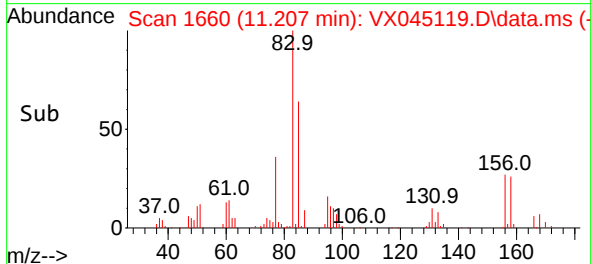
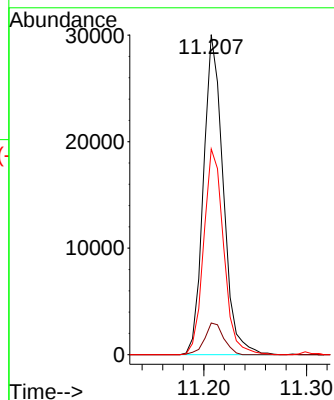
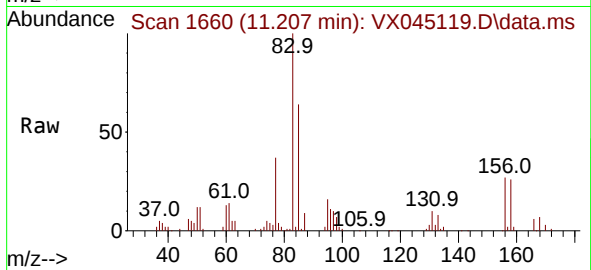




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.588 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

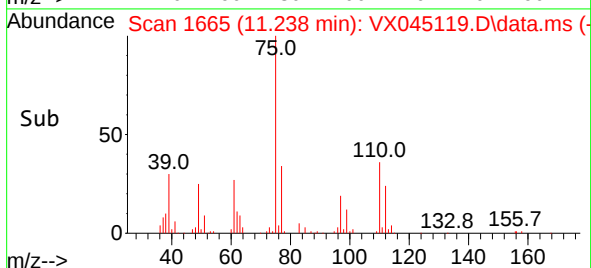
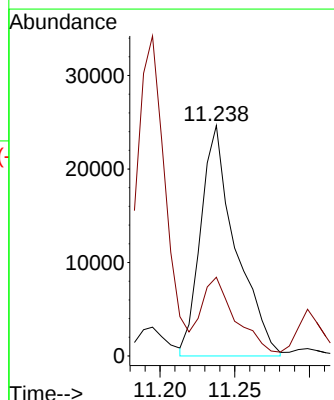
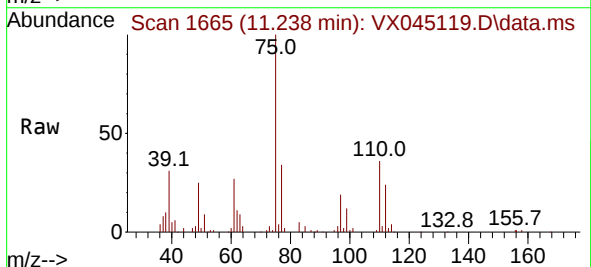
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

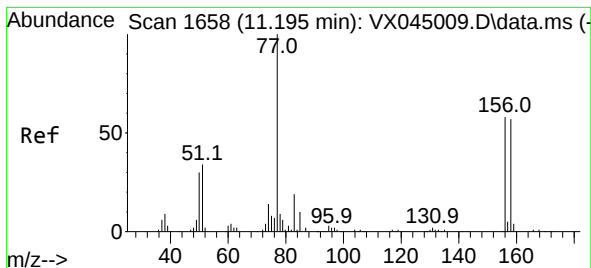
Tgt Ion: 83 Resp: 40059
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.3
 85 65.0 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 26.223 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

Tgt Ion: 75 Resp: 40023
 Ion Ratio Lower Upper
 75 100
 77 34.4 0.0 84.0





#73

Bromobenzene

Concen: 21.451 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045119.D

Acq: 04 Mar 2025 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

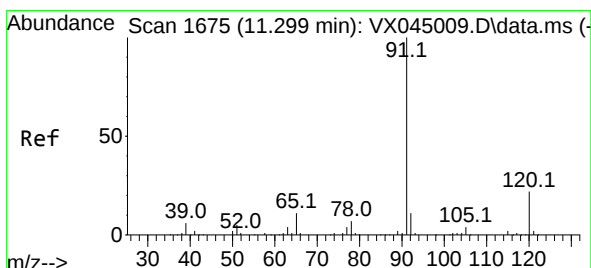
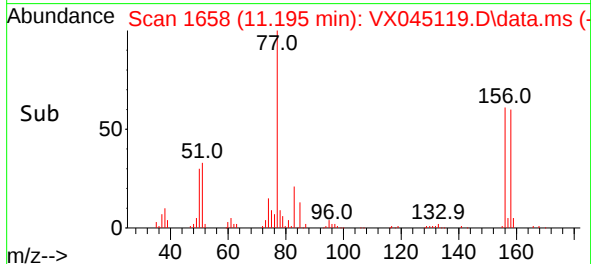
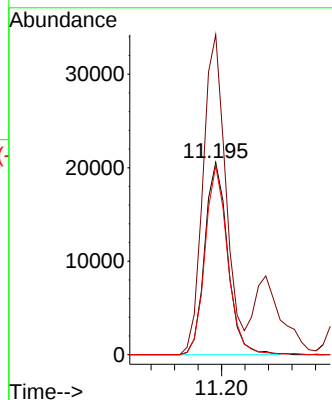
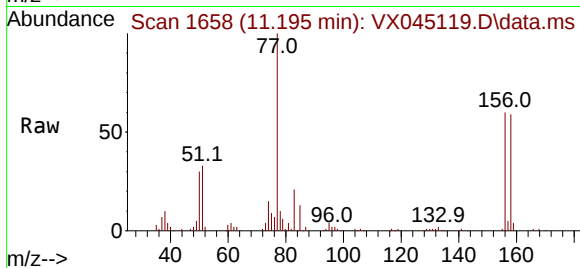
Tgt Ion:156 Resp: 27867

Ion Ratio Lower Upper

156 100

77 165.6 0.0 347.2

158 96.8 0.0 197.6



#74

n-propylbenzene

Concen: 20.680 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045119.D

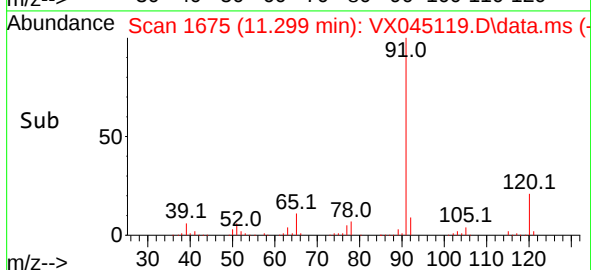
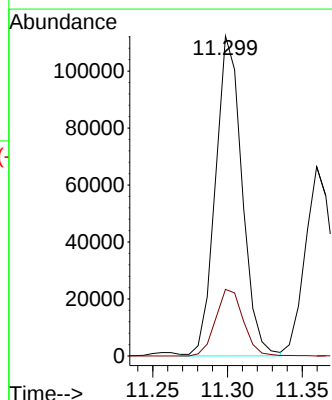
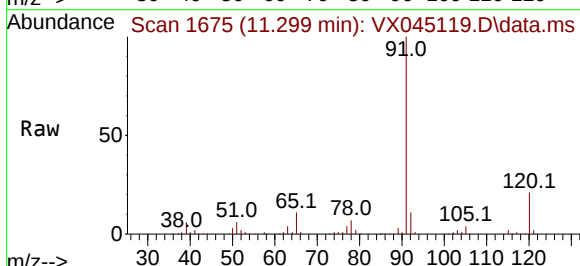
Acq: 04 Mar 2025 08:46

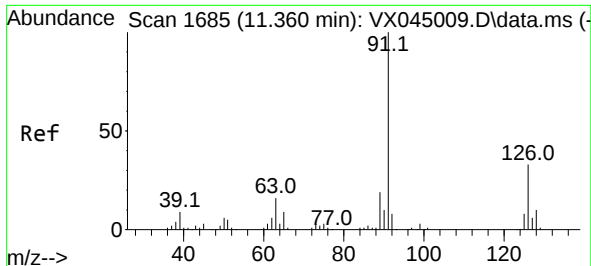
Tgt Ion: 91 Resp: 138877

Ion Ratio Lower Upper

91 100

120 21.7 0.0 44.2

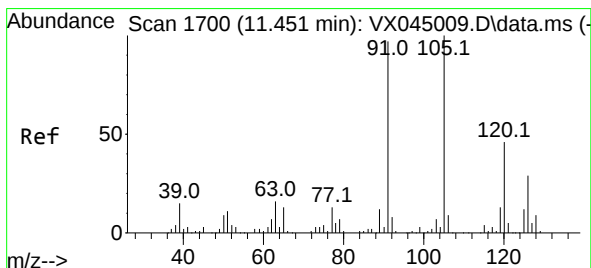
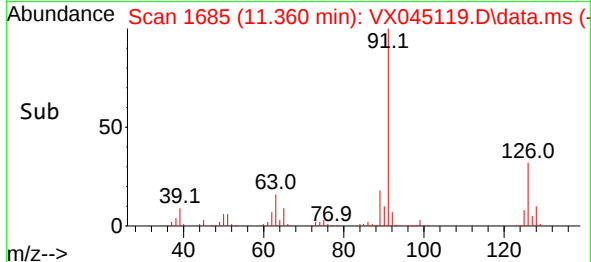
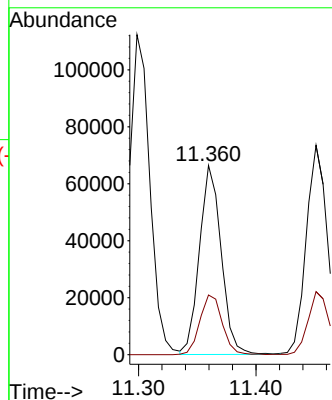
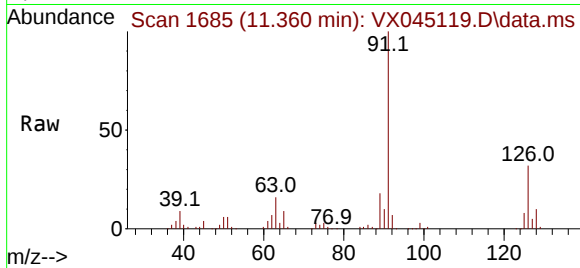




#75
2-Chlorotoluene
Concen: 21.043 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

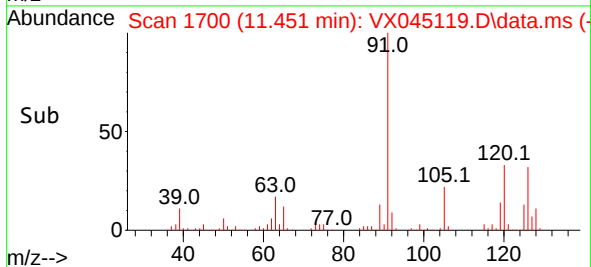
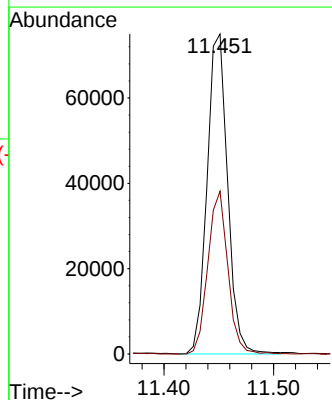
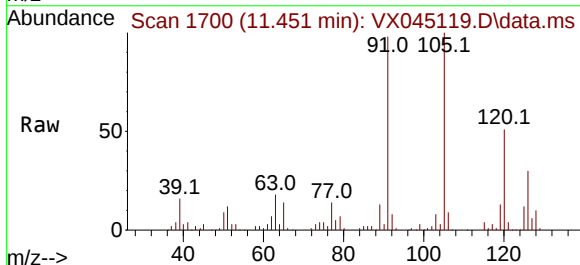
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

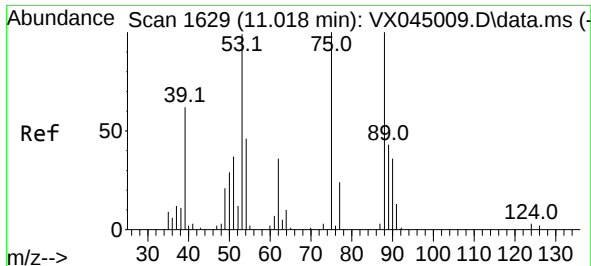
Tgt Ion: 91 Resp: 85432
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 20.992 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 105 Resp: 97729
Ion Ratio Lower Upper
105 100
120 49.2 0.0 94.4

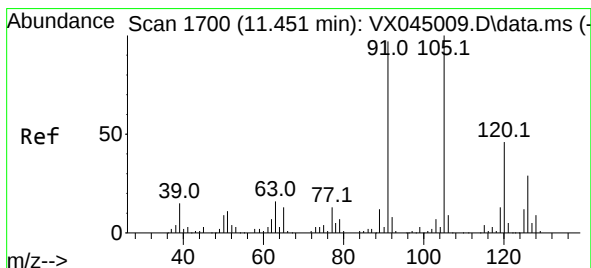
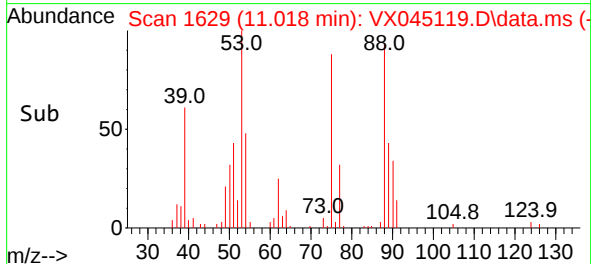
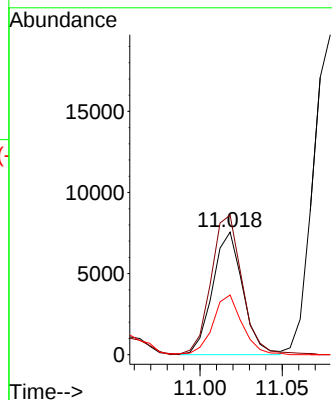
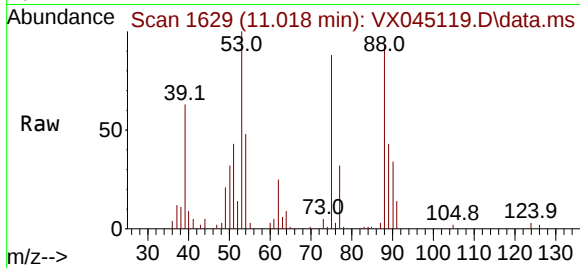




#77
t-1,4-Dichloro-2-butene
Concen: 18.872 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

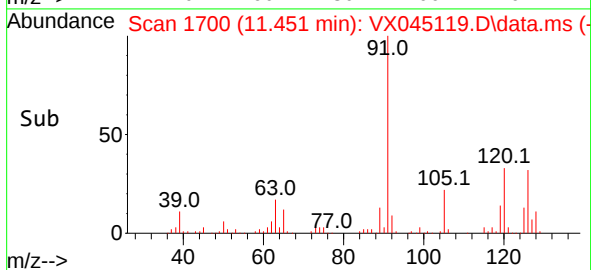
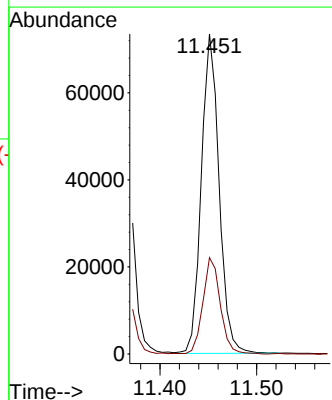
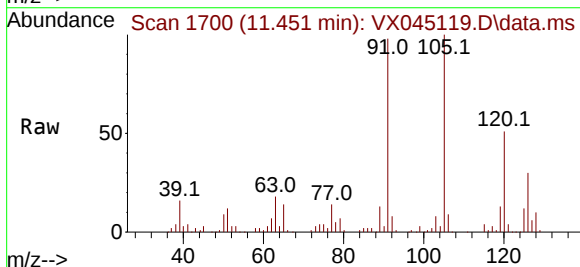
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

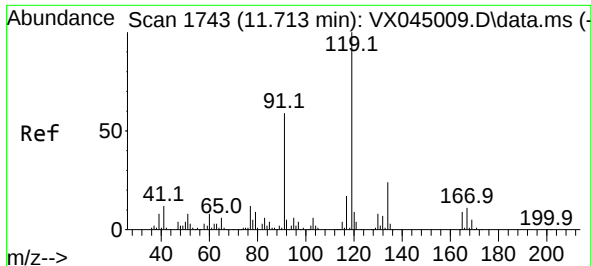
Tgt Ion: 75 Resp: 9691
Ion Ratio Lower Upper
75 100
53 113.2 49.8 149.4
89 47.9 21.4 64.2



#78
4-Chlorotoluene
Concen: 20.706 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 91 Resp: 93706
Ion Ratio Lower Upper
91 100
126 29.5 0.0 58.0

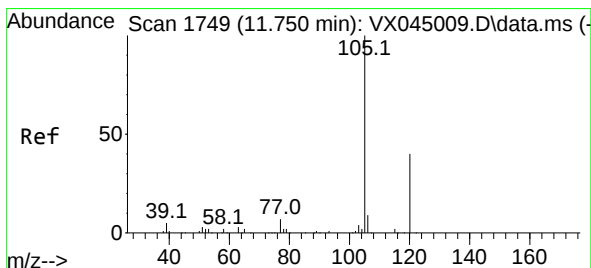
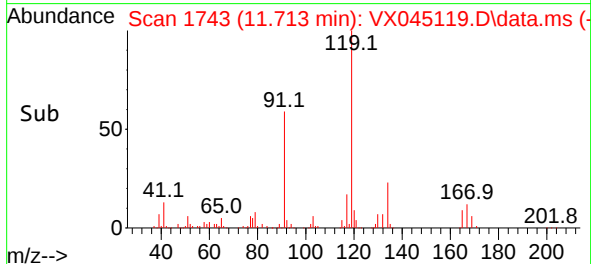
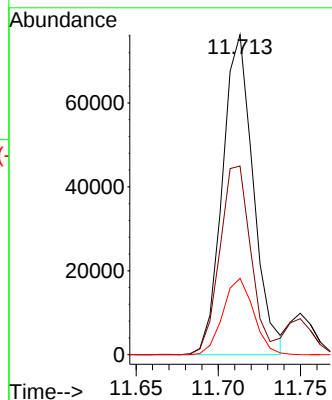
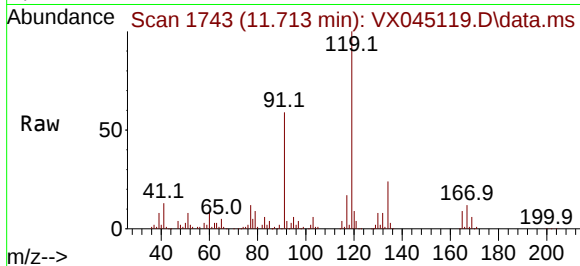




#79
tert-butylbenzene
Concen: 21.259 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

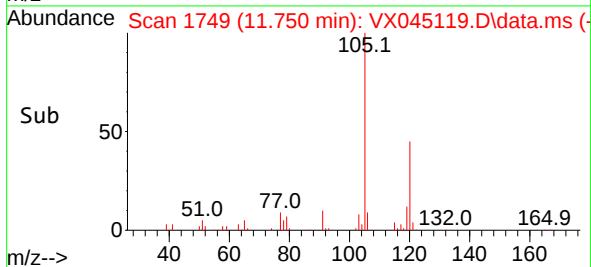
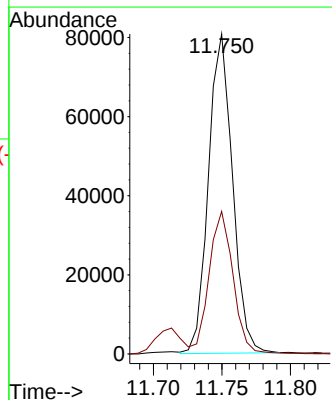
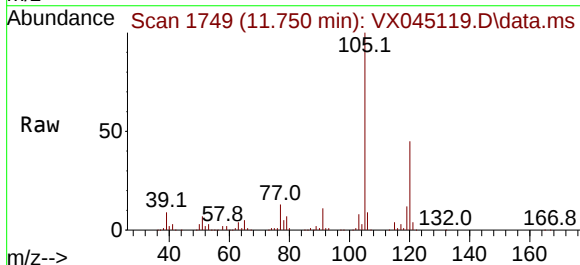
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

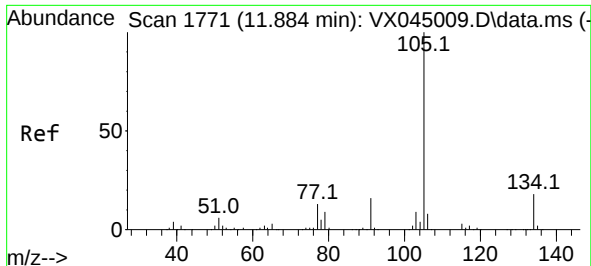
Tgt Ion:119 Resp: 99721
Ion Ratio Lower Upper
119 100
91 59.3 0.0 120.6
134 23.7 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 21.151 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:105 Resp: 98635
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.4

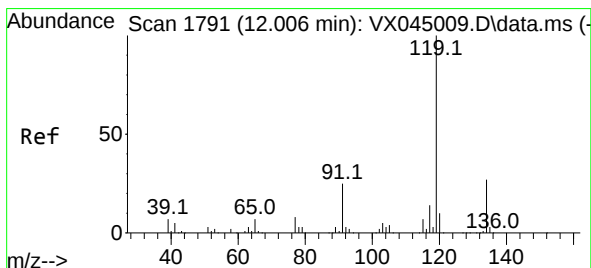
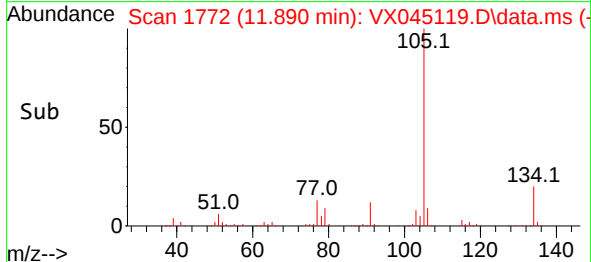
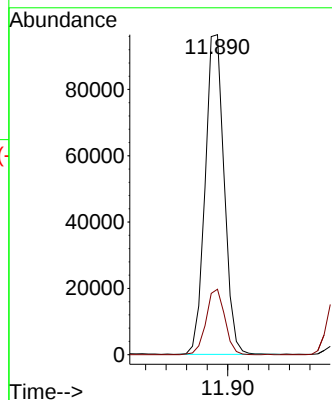
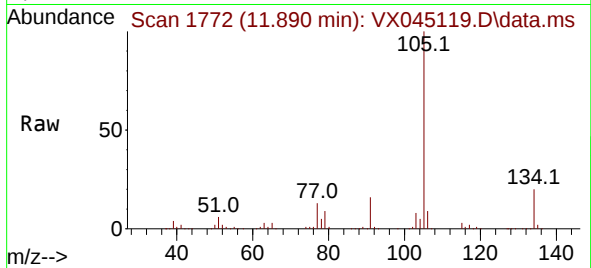




#81
 sec-Butylbenzene
 Concen: 21.067 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.006 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

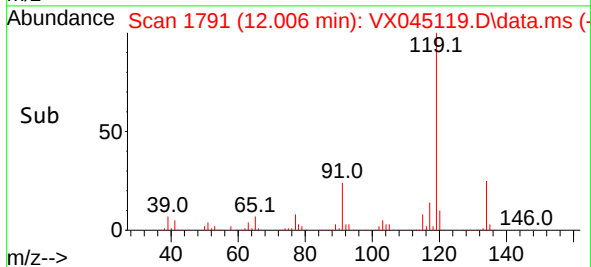
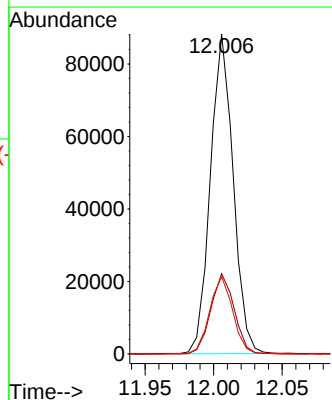
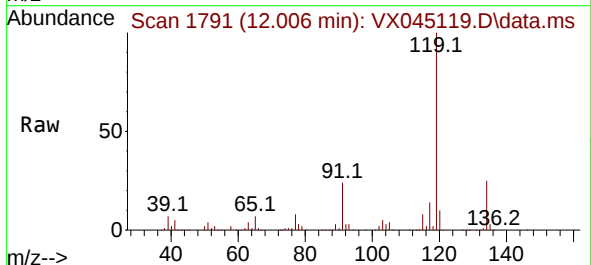
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 124020
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 21.348 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045119.D
 Acq: 04 Mar 2025 08:46

Tgt Ion:119 Resp: 101826
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 24.6 0.0 51.0

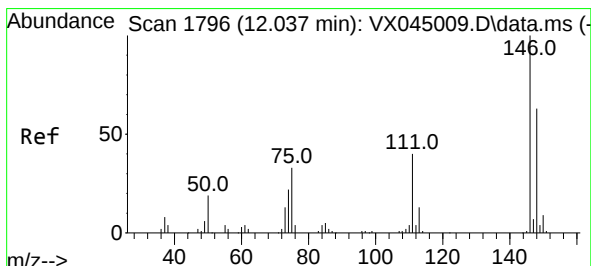
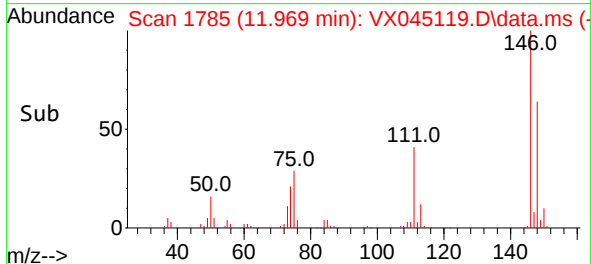
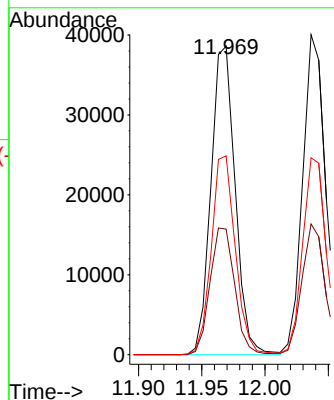
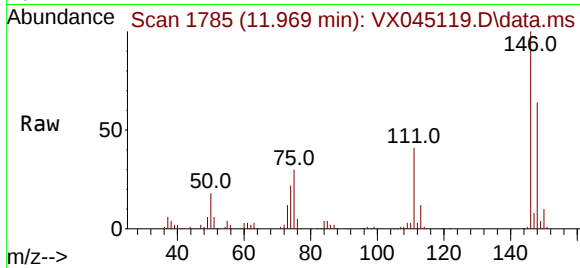




#83
1,3-Dichlorobenzene
Concen: 21.257 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

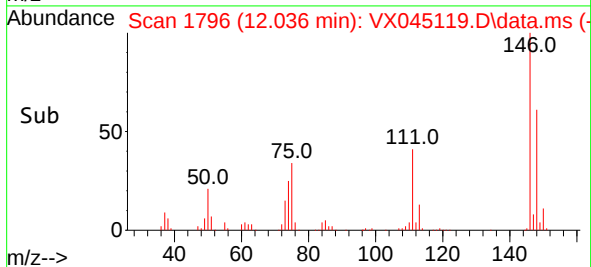
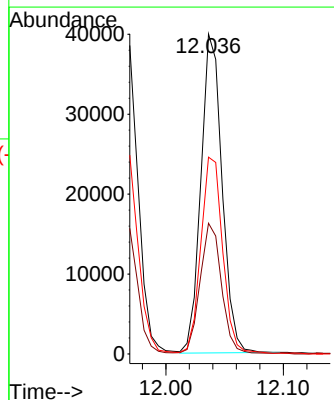
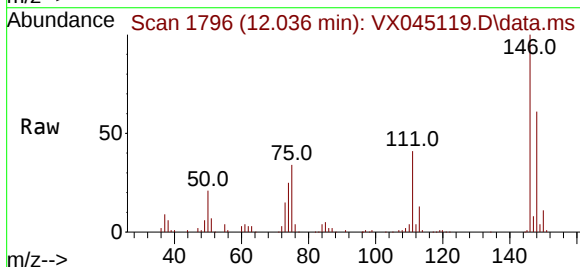
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

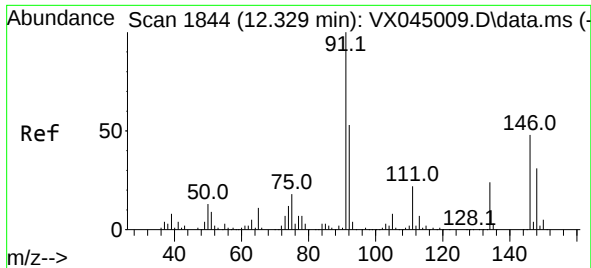
Tgt Ion:146 Resp: 51379
Ion Ratio Lower Upper
146 100
111 42.0 20.2 60.5
148 64.2 31.2 93.6



#84
1,4-Dichlorobenzene
Concen: 20.965 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:146 Resp: 49963
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.2
148 64.3 31.8 95.4

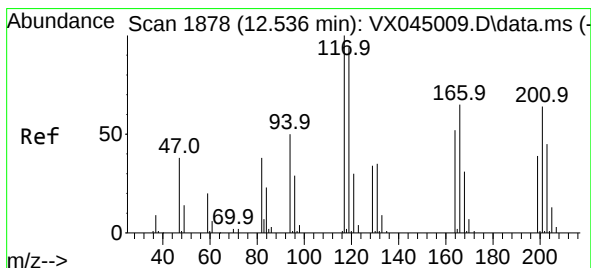
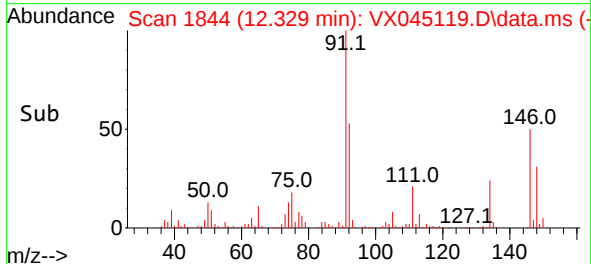
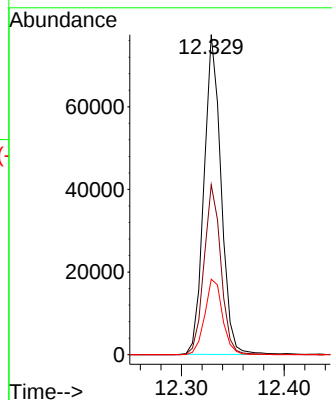
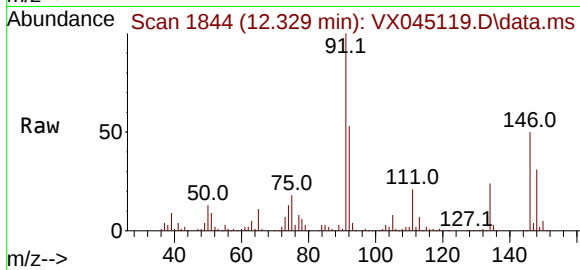




#85
n-Butylbenzene
Concen: 20.544 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

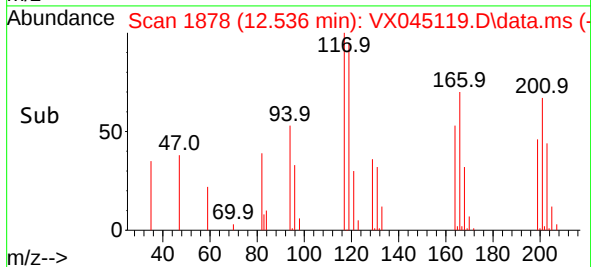
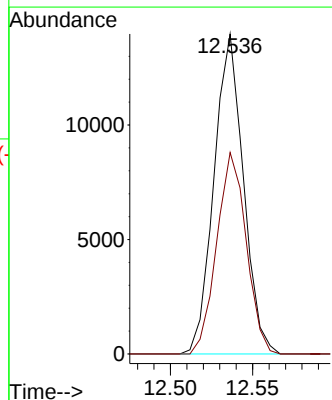
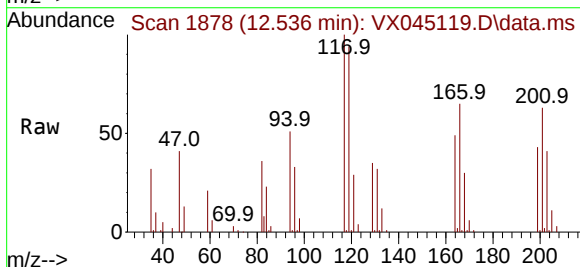
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

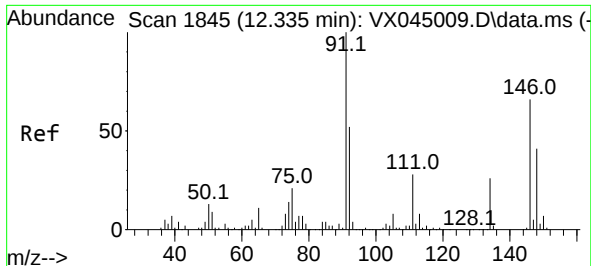
Tgt Ion: 91 Resp: 89487
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.2
134 24.6 0.0 49.4



#86
Hexachloroethane
Concen: 20.648 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 117 Resp: 17370
Ion Ratio Lower Upper
117 100
201 63.2 32.6 97.7

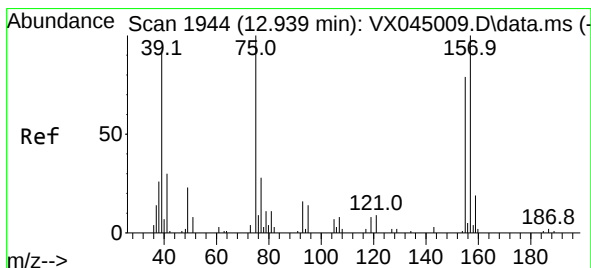
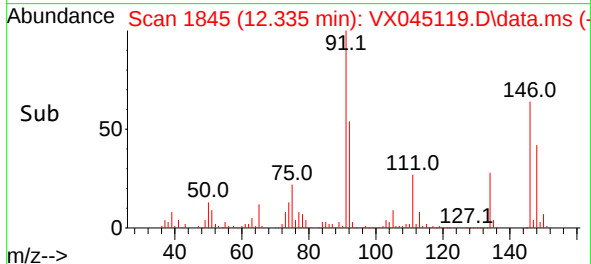
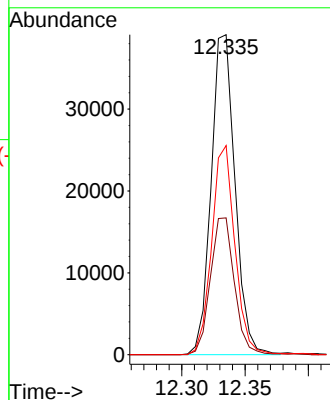
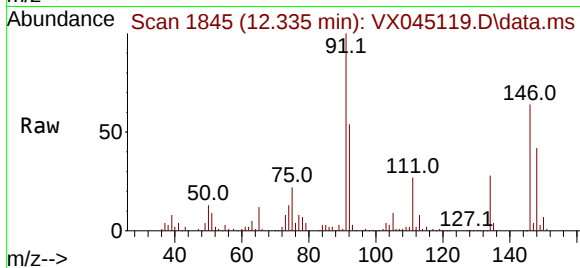




#87
1,2-Dichlorobenzene
Concen: 21.650 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

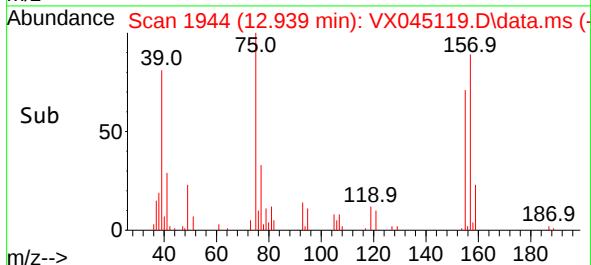
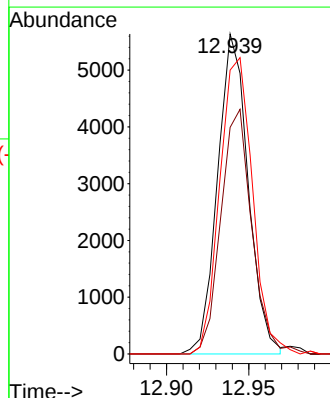
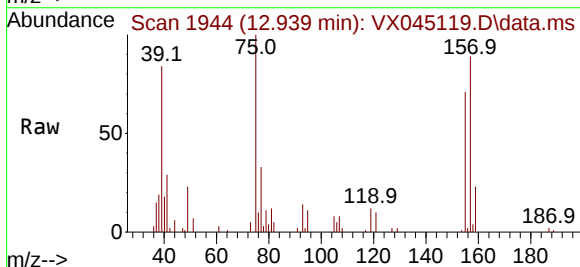
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

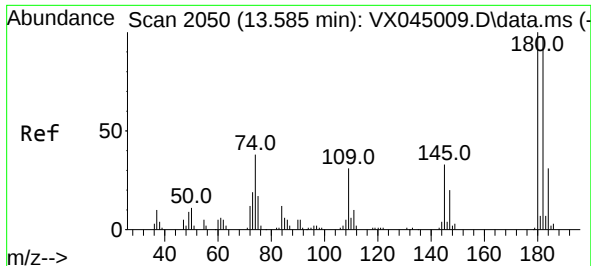
Tgt Ion:146 Resp: 51344
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 63.5 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.327 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion: 75 Resp: 7303
Ion Ratio Lower Upper
75 100
155 77.6 66.2 99.4
157 99.1 81.4 122.2

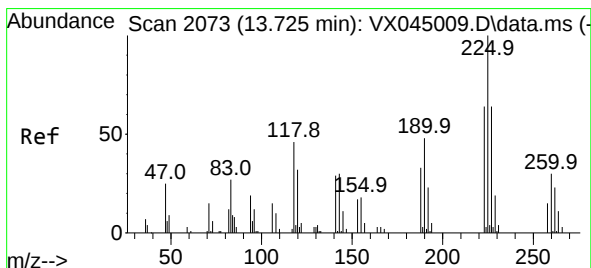
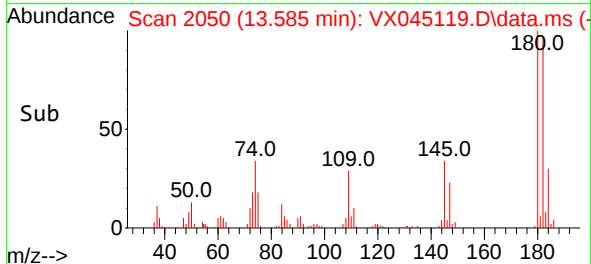
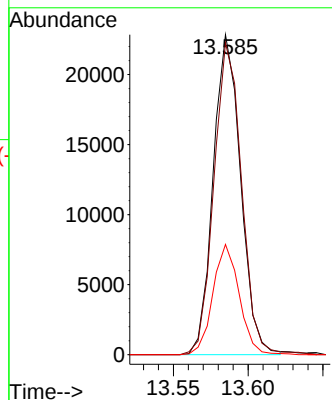
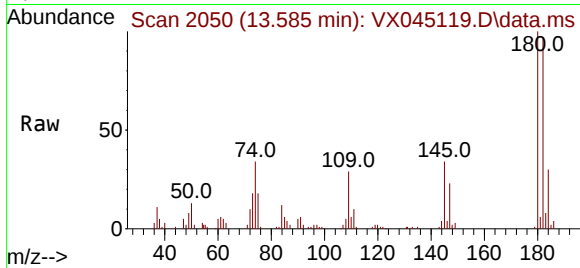




#89
1,2,4-Trichlorobenzene
Concen: 20.228 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

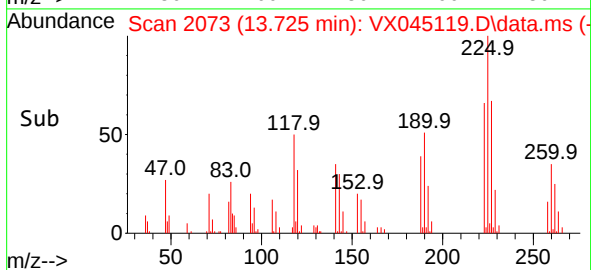
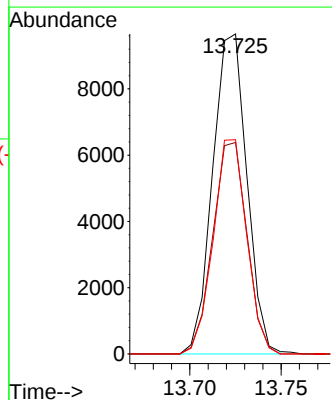
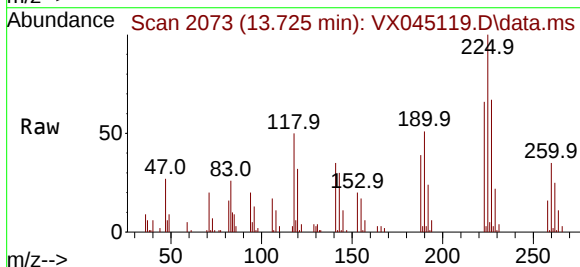
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

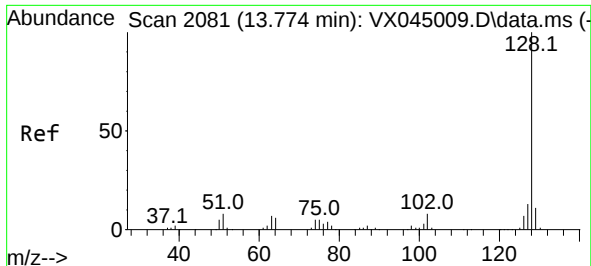
Tgt Ion:180 Resp: 29075
Ion Ratio Lower Upper
180 100
182 98.1 77.7 116.5
145 33.2 25.8 38.6



#90
Hexachlorobutadiene
Concen: 21.437 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:225 Resp: 12566
Ion Ratio Lower Upper
225 100
223 66.1 0.0 123.4
227 65.7 0.0 127.4

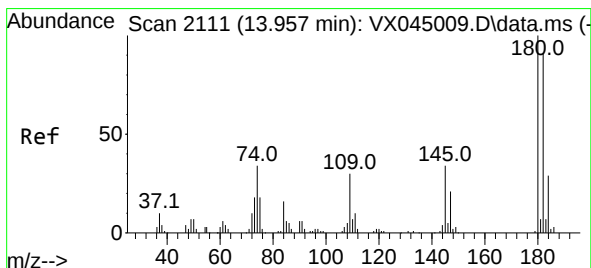
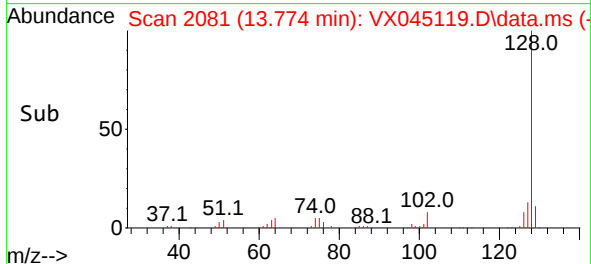
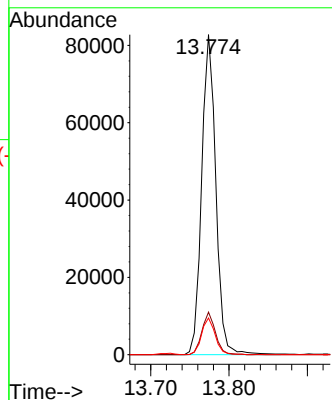
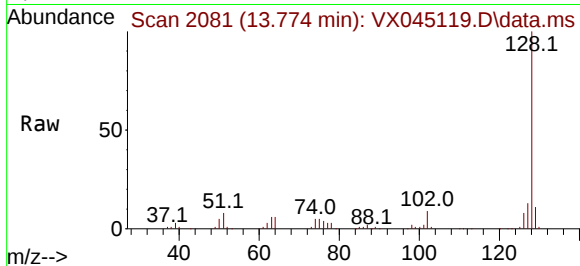




#91
Naphthalene
Concen: 20.516 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 103981
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.051 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045119.D
Acq: 04 Mar 2025 08:46

Tgt Ion:180 Resp: 29671
Ion Ratio Lower Upper
180 100
182 95.1 0.0 186.6
145 35.3 0.0 68.4

