

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045068.D
 Acq On : 28 Feb 2025 01:27
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 28 06:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:18:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	2512	1.537	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	3.080%#
35) Dibromofluoromethane	5.391	113	1752	1.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.780%#
50) Toluene-d8	8.653	98	5691	1.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.480%#
62) 4-Bromofluorobenzene	11.085	95	1685	1.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1282	1.007	ug/l	90
3) Chloromethane	1.301	50	1552	0.975	ug/l	91
4) Vinyl Chloride	1.368	62	1588	1.008	ug/l #	85
5) Bromomethane	1.593	94	824	1.335	ug/l	99
6) Chloroethane	1.673	64	1228	1.591	ug/l #	74
7) Trichlorofluoromethane	1.880	101	2011	0.957	ug/l	97
8) Diethyl Ether	2.130	74	835	1.045	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	1081	0.884	ug/l	87
10) Methyl Iodide	2.447	142	1156	0.775	ug/l #	96
11) Tert butyl alcohol	2.941	59	5356	17.299	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	1251	0.991	ug/l	92
13) Acrolein	2.239	56	1756	4.906	ug/l	98
14) Allyl chloride	2.660	41	2343	1.055	ug/l	93
15) Acrylonitrile	3.075	53	4067	4.931	ug/l	99
16) Acetone	2.380	43	4259	5.635	ug/l	100
17) Carbon Disulfide	2.502	76	3256	0.956	ug/l #	92
18) Methyl Acetate	2.703	43	1960	1.066	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	4017	0.943	ug/l	91
20) Methylene Chloride	2.782	84	1656	1.095	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	1109	0.869	ug/l	91
22) Diisopropyl ether	3.764	45	4026	0.871	ug/l #	80
23) Vinyl Acetate	3.727	43	15271	3.971	ug/l	97
24) 1,1-Dichloroethane	3.605	63	2467	0.958	ug/l #	83
25) 2-Butanone	4.587	43	4894	4.252	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1066	0.872	ug/l #	56
27) cis-1,2-Dichloroethene	4.501	96	1412	0.902	ug/l #	19
28) Bromochloromethane	4.885	49	1144	0.958	ug/l #	54
29) Tetrahydrofuran	5.032	42	3719	4.809	ug/l #	34
30) Chloroform	5.093	83	2478	0.978	ug/l	92
31) Cyclohexane	5.465	56	1875	0.843	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	1867	0.893	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	1681	0.967	ug/l #	84
37) Ethyl Acetate	4.739	43	1582	0.703	ug/l #	70
38) Carbon Tetrachloride	5.660	117	588	0.332	ug/l #	81
39) Methylcyclohexane	7.385	83	1750	0.831	ug/l	88
40) Benzene	6.031	78	4984	0.907	ug/l	99

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 ClientSampleId :
 VSTDICC001

Quant Time: Feb 28 06:28:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:18:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	912	0.748	ug/l #	80
42) 1,2-Dichloroethane	6.099	62	1837	0.924	ug/l	78
43) Isopropyl Acetate	6.355	43	2545	0.767	ug/l #	95
44) Trichloroethene	7.129	130	1202	0.933	ug/l	65
45) 1,2-Dichloropropane	7.434	63	1334	0.971	ug/l #	82
46) Dibromomethane	7.586	93	891	0.897	ug/l	92
47) Bromodichloromethane	7.818	83	1802	0.927	ug/l #	85
48) Methyl methacrylate	7.714	41	1125	0.699	ug/l #	61
49) 1,4-Dioxane	7.684	88	639	18.144	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	10091	4.567	ug/l	95
52) Toluene	8.720	92	2700	0.841	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	1147	0.700	ug/l #	85
54) cis-1,3-Dichloropropene	8.373	75	1525	0.804	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	1306	1.004	ug/l #	90
56) Ethyl methacrylate	9.135	69	1494	0.748	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	2112	0.920	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	4115	4.320	ug/l	95
59) 2-Hexanone	9.439	43	6582	4.153	ug/l	96
60) Dibromochloromethane	9.519	129	1152	0.835	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1174	0.890	ug/l	97
64) Tetrachloroethene	9.275	164	1006	0.986	ug/l #	88
65) Chlorobenzene	10.080	112	3094	0.908	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1078	0.978	ug/l #	65
67) Ethyl Benzene	10.195	91	5008	0.846	ug/l #	85
68) m/p-Xylenes	10.305	106	3552	1.630	ug/l	97
69) o-Xylene	10.640	106	1949	0.891	ug/l	95
70) Styrene	10.665	104	2810	0.802	ug/l	97
71) Bromoform	10.799	173	667	0.768	ug/l #	92
73) Isopropylbenzene	10.964	105	4405	0.858	ug/l	96
74) N-amyl acetate	10.854	43	1750	0.732	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1809	0.954	ug/l	88
76) 1,2,3-Trichloropropane	11.244	75	1878	1.246	ug/l	86
77) Bromobenzene	11.201	156	1166	0.972	ug/l	91
78) n-propylbenzene	11.305	91	4475	0.773	ug/l	97
79) 2-Chlorotoluene	11.366	91	3616	0.986	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3386	0.815	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.031	75	285	0.646	ug/l #	81
82) 4-Chlorotoluene	11.457	91	3631	0.904	ug/l	99
83) tert-Butylbenzene	11.713	119	3928	0.929	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3432	0.827	ug/l	95
85) sec-Butylbenzene	11.890	105	3891	0.752	ug/l	100
86) p-Isopropyltoluene	12.012	119	3257	0.797	ug/l	94
87) 1,3-Dichlorobenzene	11.976	146	1948	0.913	ug/l	96
88) 1,4-Dichlorobenzene	11.976	146	1948	0.900	ug/l	97
89) n-Butylbenzene	12.335	91	2470	0.691	ug/l	93
90) Hexachloroethane	12.536	117	609	0.805	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1918	0.890	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.859	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	866	0.706	ug/l	93
94) Hexachlorobutadiene	13.725	225	462	0.917	ug/l	94
95) Naphthalene	13.780	128	3337	0.707	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.759	ug/l	93

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ALS Vial : 16 Sample Multiplier: 1

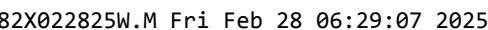
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

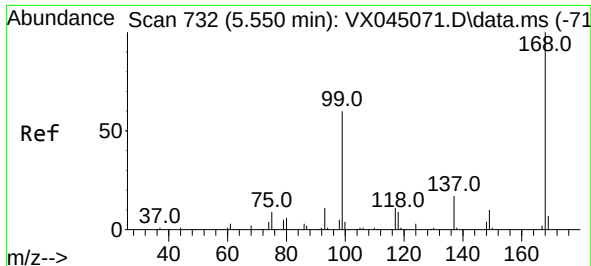
Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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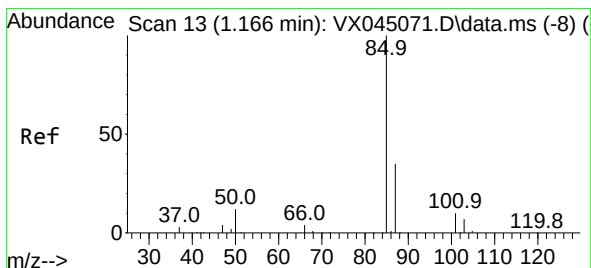
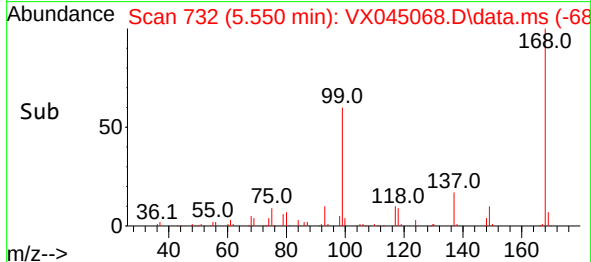
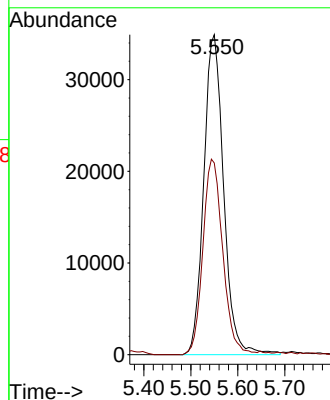
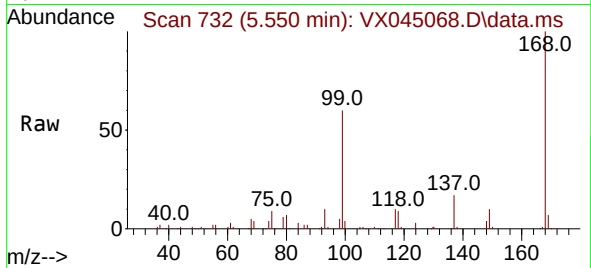




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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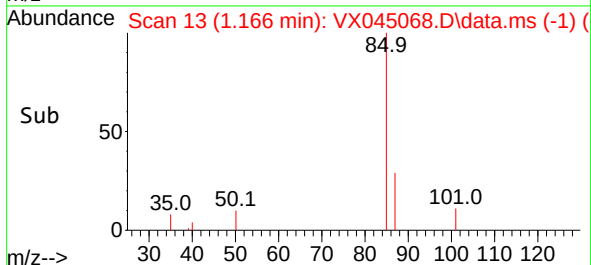
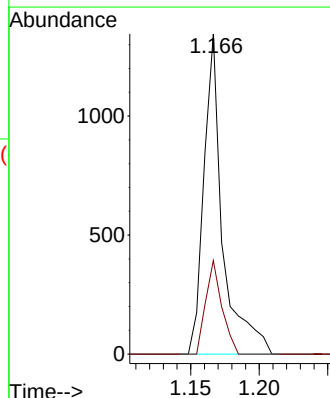
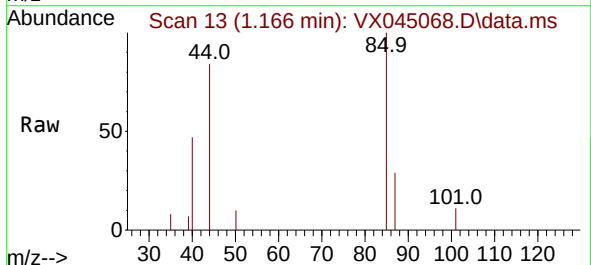
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

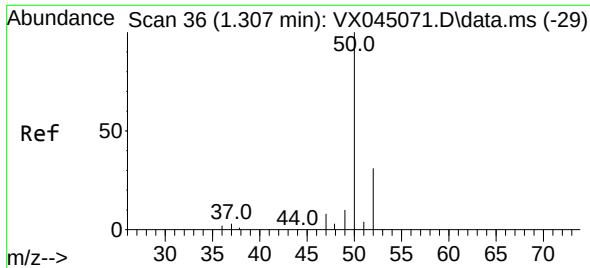
Tgt Ion:168 Resp: 102761
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.007 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 85 Resp: 1282
Ion Ratio Lower Upper
85 100
87 29.2 17.4 52.3

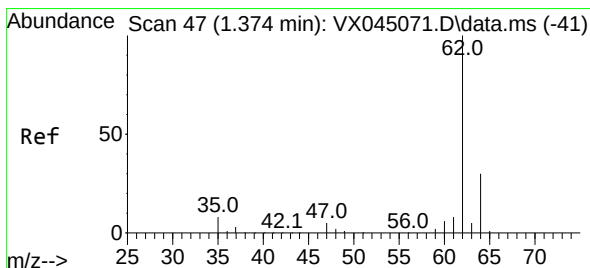
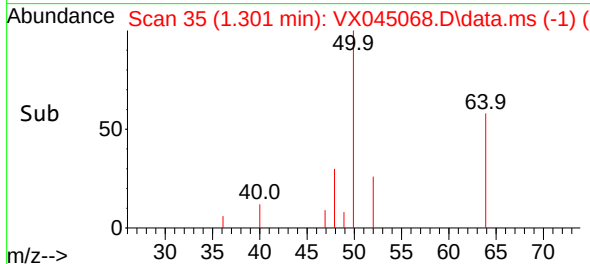
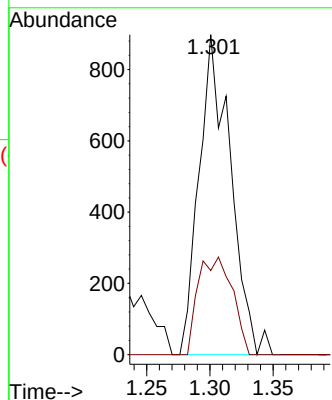
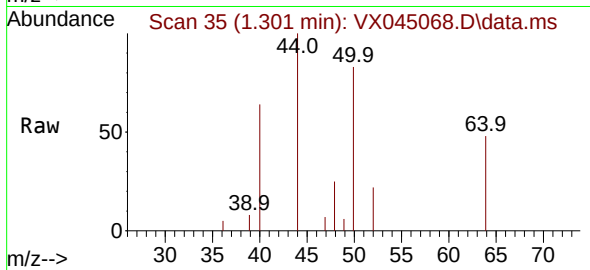




#3
Chloromethane
Concen: 0.975 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

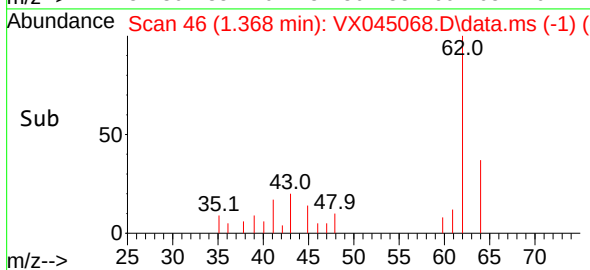
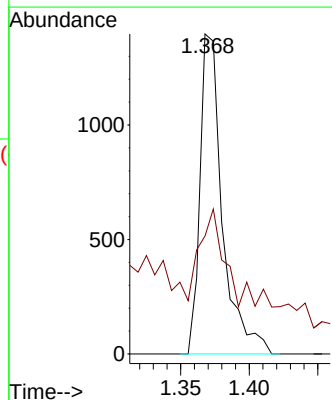
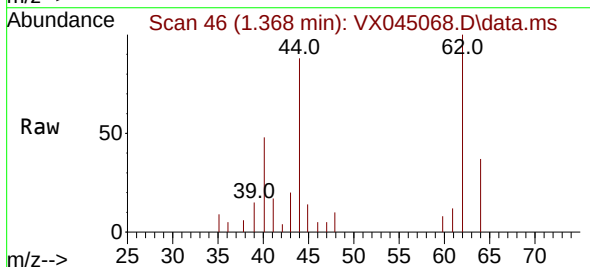
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

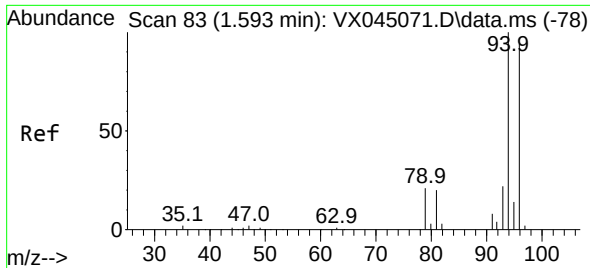
Tgt Ion: 50 Resp: 1552
Ion Ratio Lower Upper
50 100
52 26.3 25.0 37.4



#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 62 Resp: 1588
Ion Ratio Lower Upper
62 100
64 22.0 24.3 36.5#

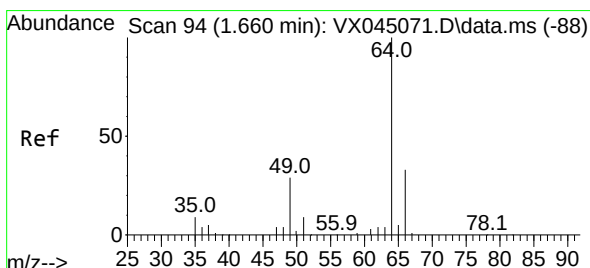
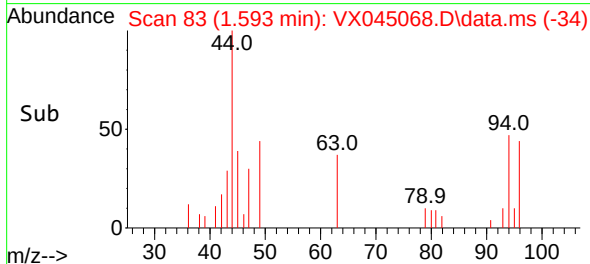
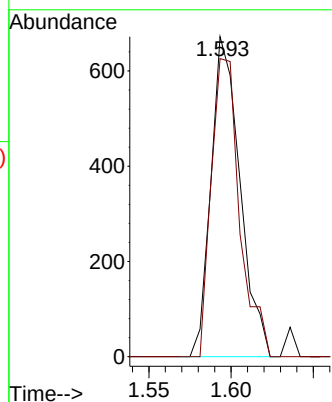
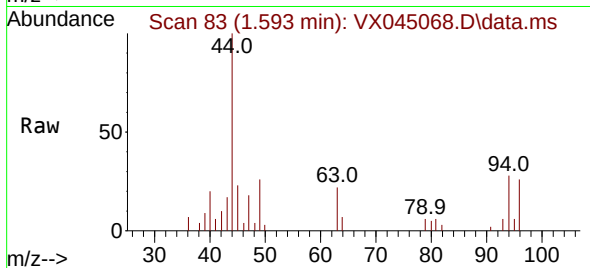




#5
 Bromomethane
 Concen: 1.335 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

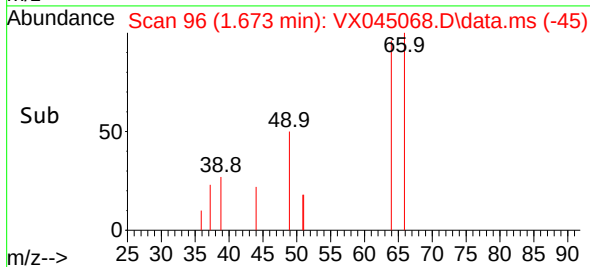
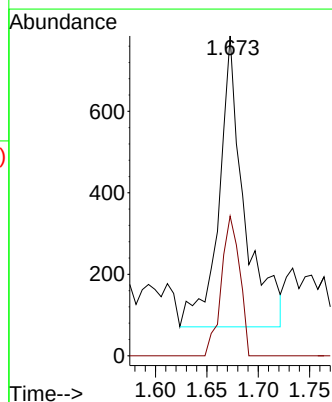
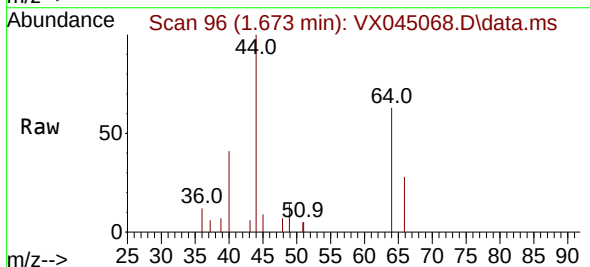
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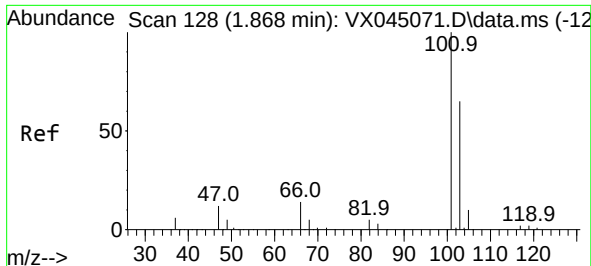
Tgt Ion: 94 Resp: 824
 Ion Ratio Lower Upper
 94 100
 96 93.2 75.0 112.4



#6
 Chloroethane
 Concen: 1.591 ug/l
 RT: 1.673 min Scan# 96
 Delta R.T. 0.012 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

Tgt Ion: 64 Resp: 1228
 Ion Ratio Lower Upper
 64 100
 66 48.0 26.7 40.1#

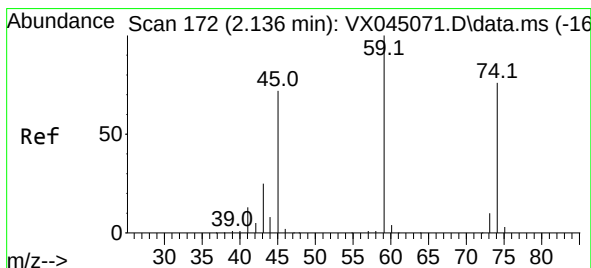
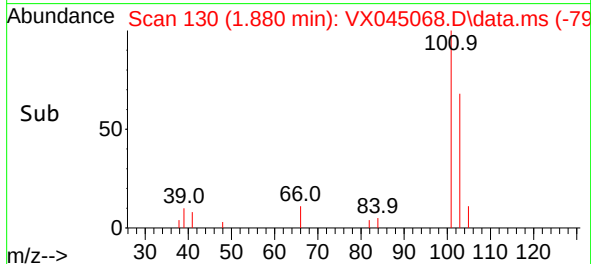
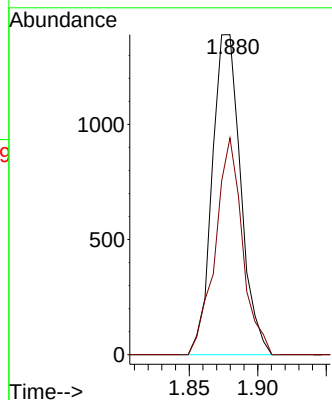
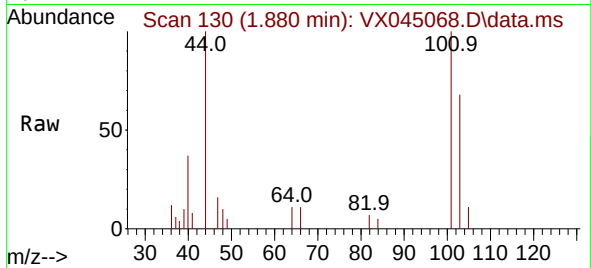




#7
Trichlorofluoromethane
Concen: 0.957 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

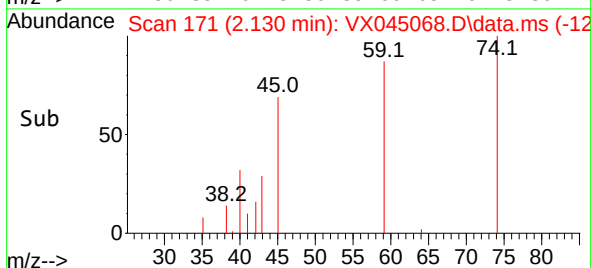
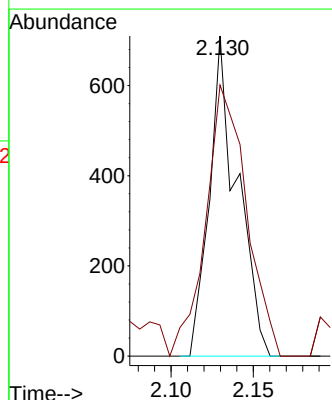
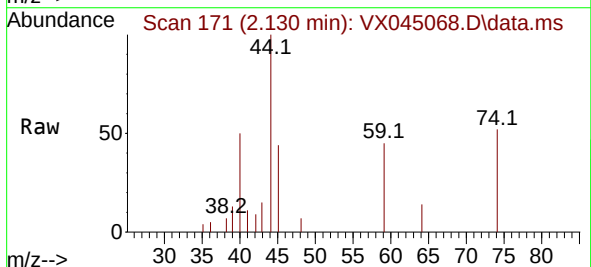
Instrument :
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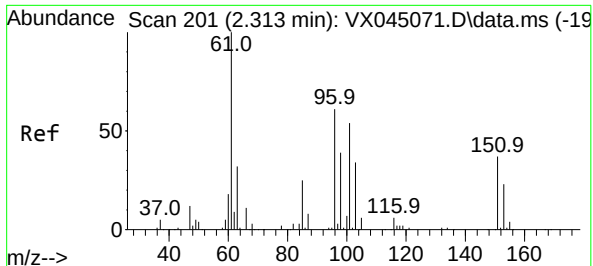
Tgt Ion:101 Resp: 2011
Ion Ratio Lower Upper
101 100
103 67.8 52.1 78.1



#8
Diethyl Ether
Concen: 1.045 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 74 Resp: 835
Ion Ratio Lower Upper
74 100
45 123.5 51.5 154.5

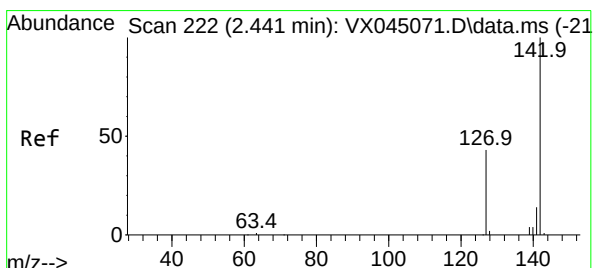
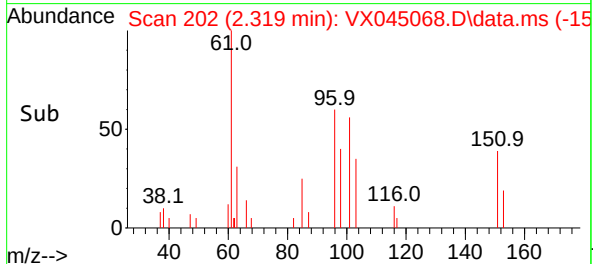
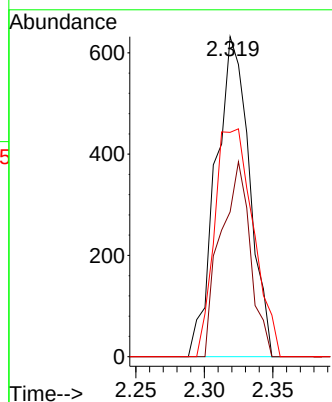
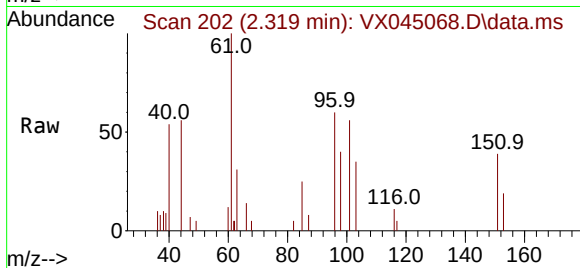




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.884 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
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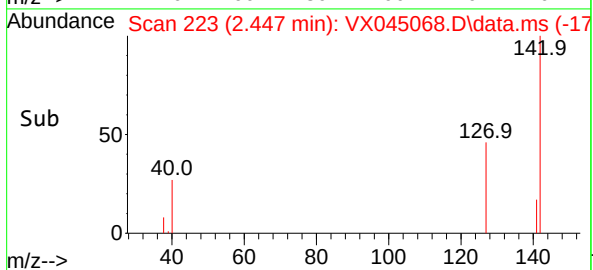
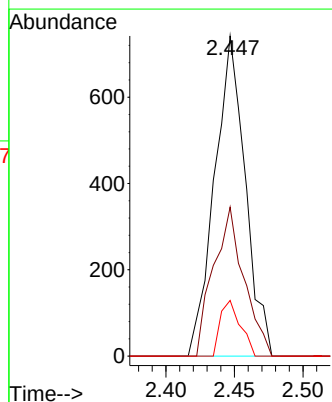
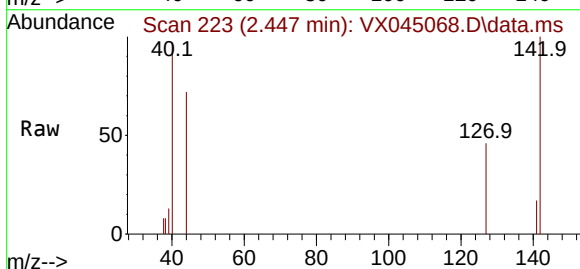
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

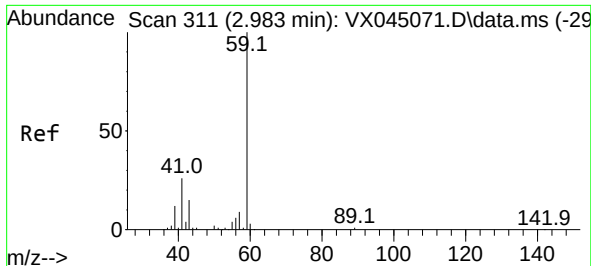
Tgt Ion:101 Resp: 1081
Ion Ratio Lower Upper
101 100
85 53.7 36.2 54.4
151 81.9 56.4 84.6



#10
Methyl Iodide
Concen: 0.775 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 11.3 11.6 17.4#

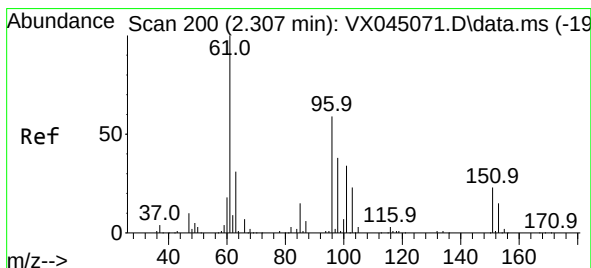
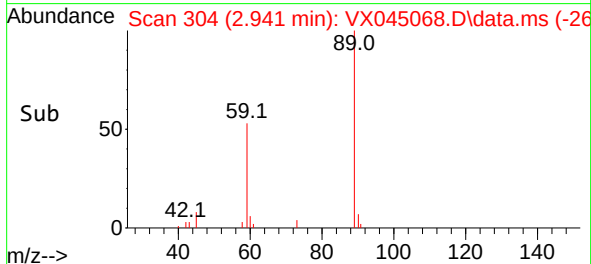
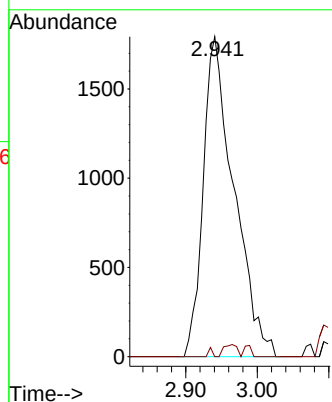
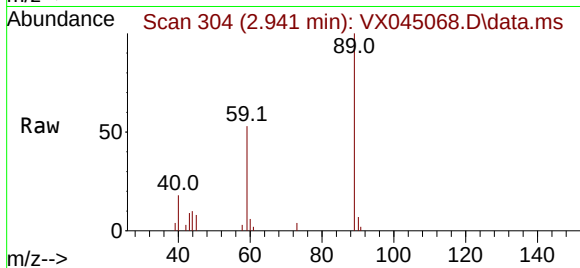




#11
Tert butyl alcohol
Concen: 17.299 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

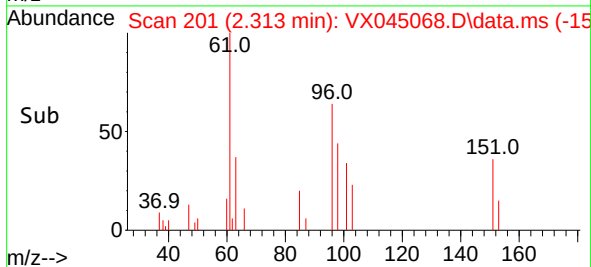
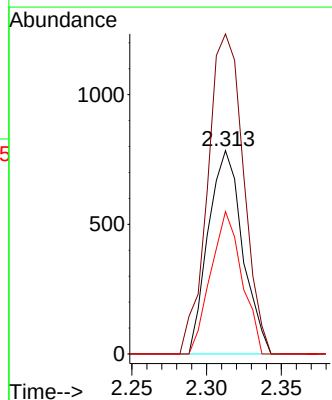
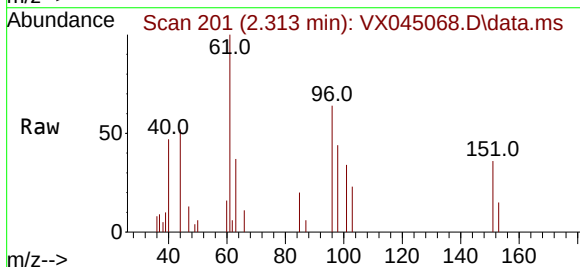
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

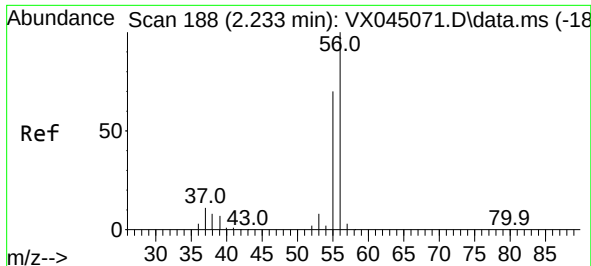
Tgt Ion: 59 Resp: 5356
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.991 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 96 Resp: 1251
Ion Ratio Lower Upper
96 100
61 157.4 134.6 202.0
98 70.0 51.0 76.6

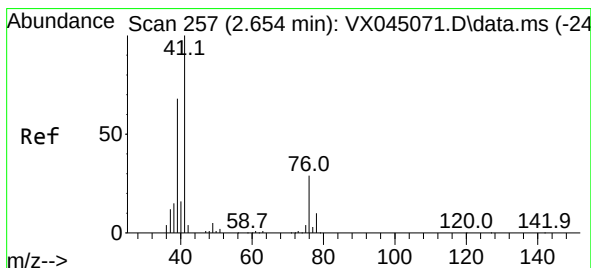
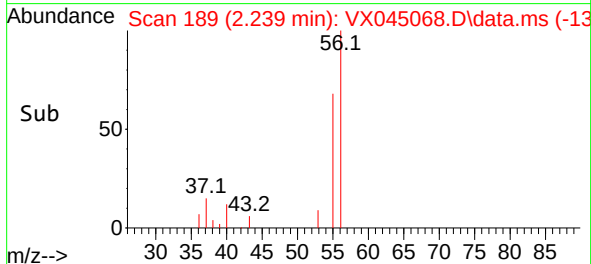
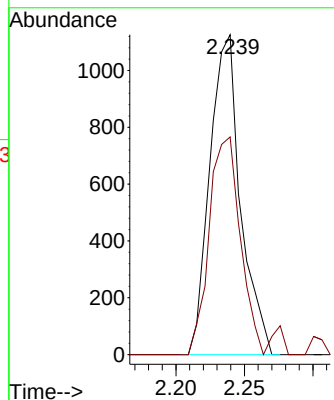
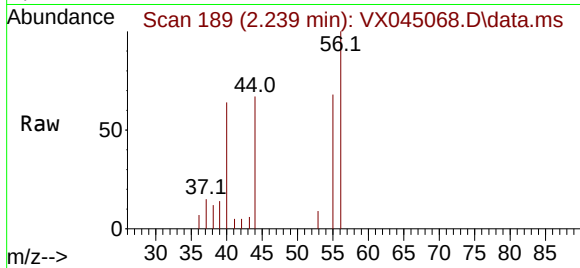




#13
Acrolein
Concen: 4.906 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

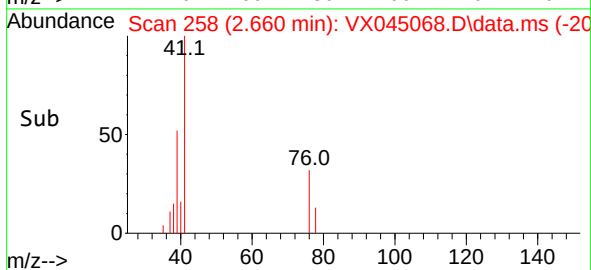
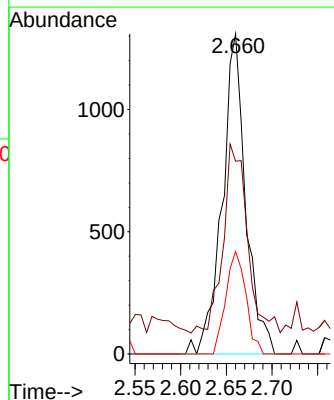
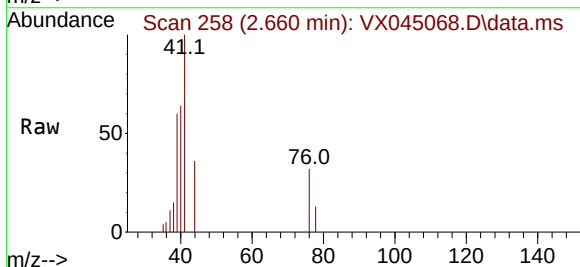
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

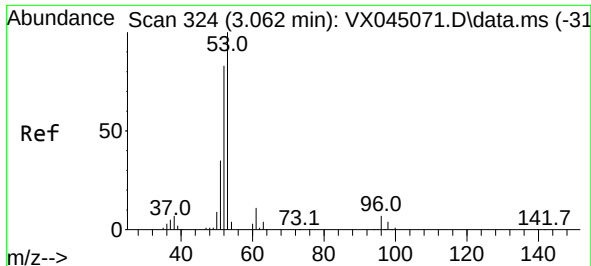
Tgt Ion: 56 Resp: 1756
Ion Ratio Lower Upper
56 100
55 68.8 56.2 84.4



#14
Allyl chloride
Concen: 1.055 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 41 Resp: 2343
Ion Ratio Lower Upper
41 100
39 62.3 53.8 80.8
76 27.4 25.2 37.8

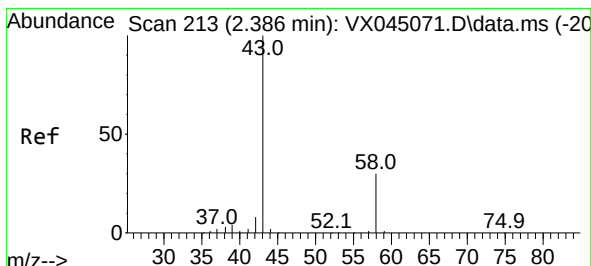
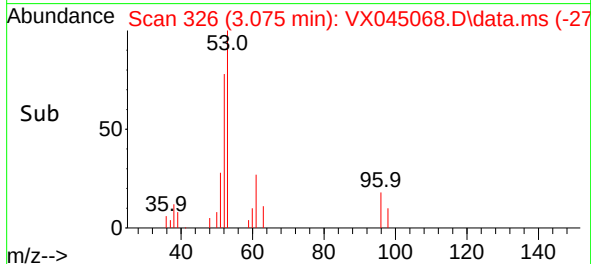
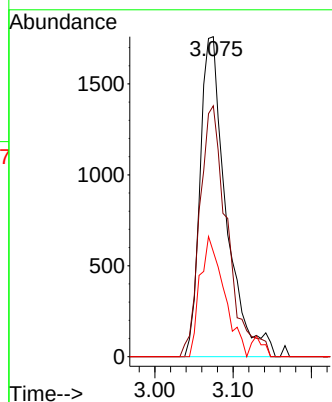
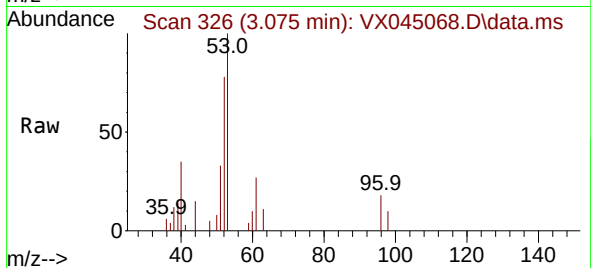




#15
Acrylonitrile
Concen: 4.931 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

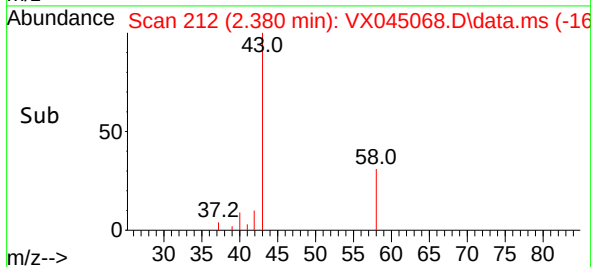
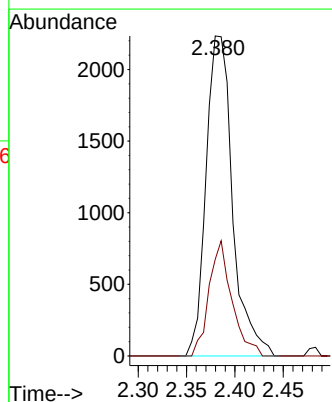
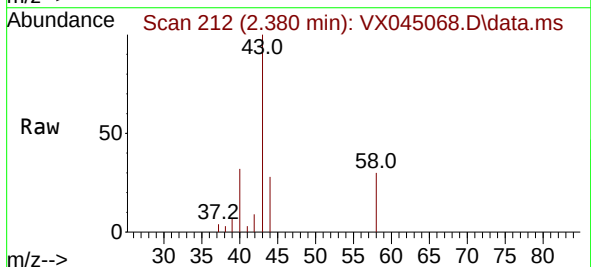
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

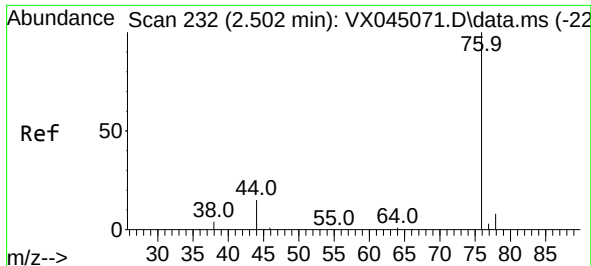
Tgt Ion: 53	Resp:	4067
Ion	Ratio	Lower Upper
53	100	
52	82.6	66.2 99.2
51	34.6	29.0 43.4



#16
Acetone
Concen: 5.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

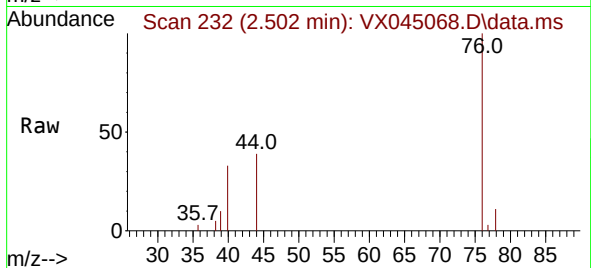
Tgt Ion: 43	Resp:	4259
Ion	Ratio	Lower Upper
43	100	
58	30.2	24.2 36.4



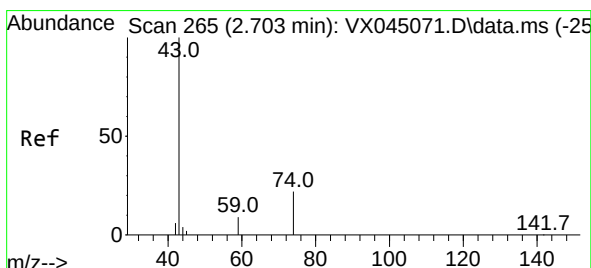
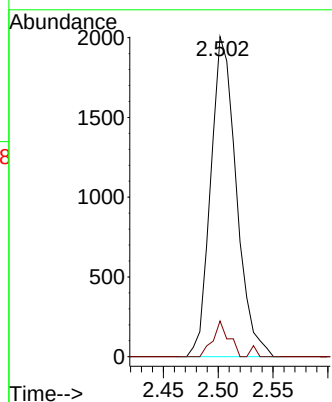
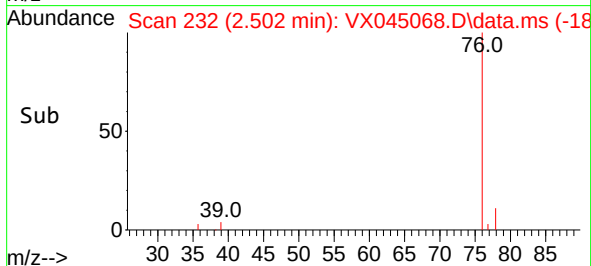


#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

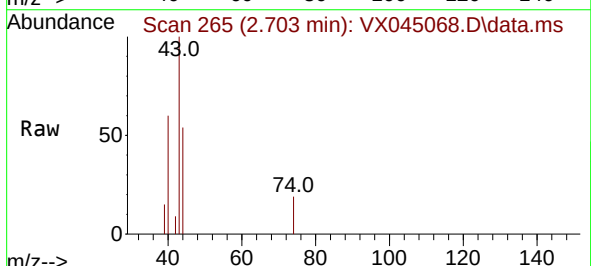
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



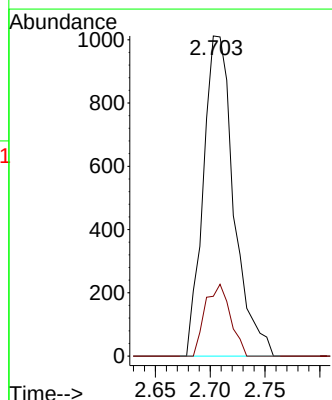
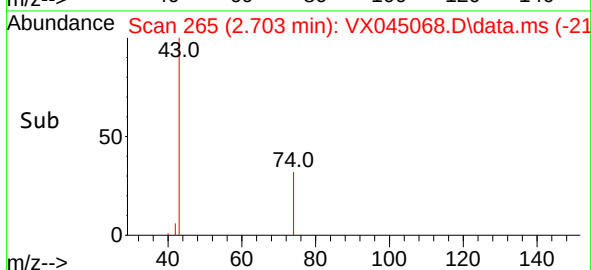
Tgt Ion: 76 Resp: 3256
Ion Ratio Lower Upper
76 100
78 11.2 6.6 9.8#

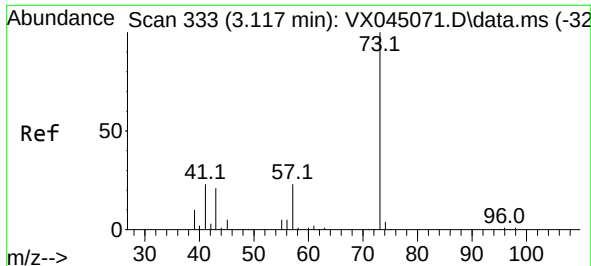


#18
Methyl Acetate
Concen: 1.066 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27



Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
74 18.5 17.4 26.2

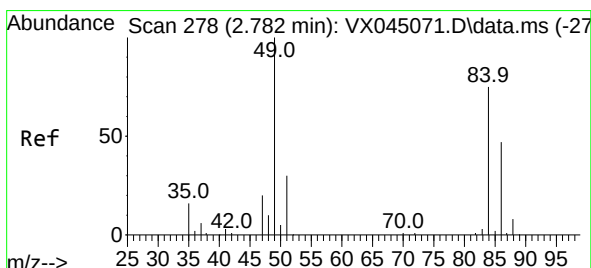
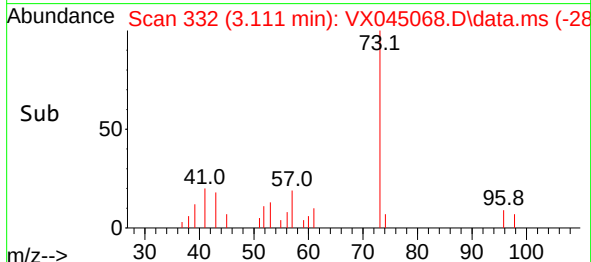
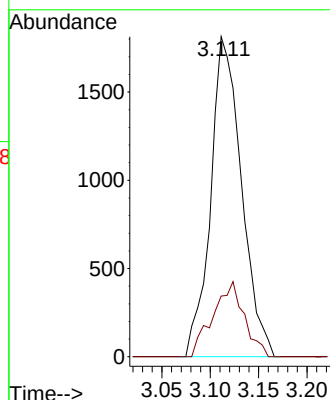
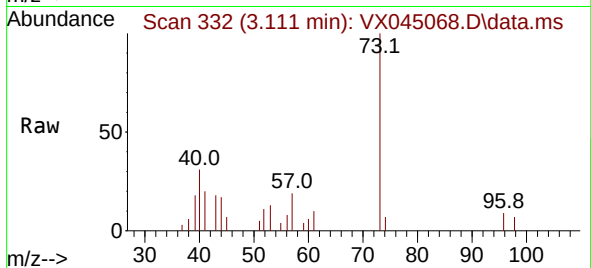




#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

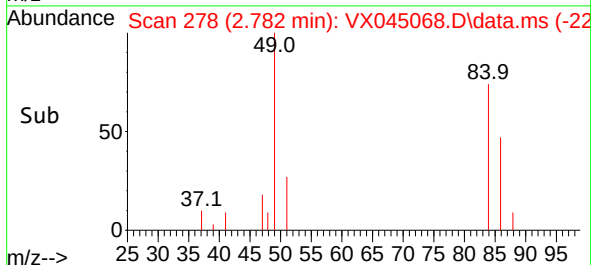
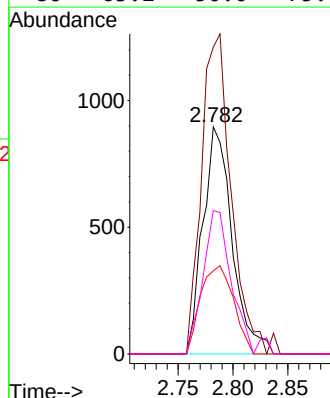
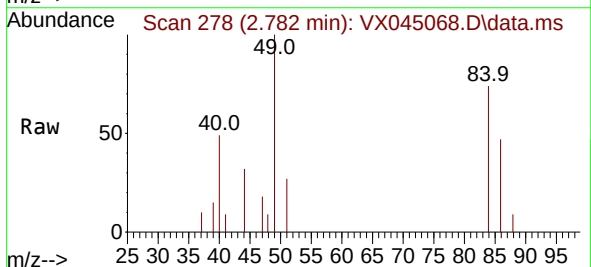
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

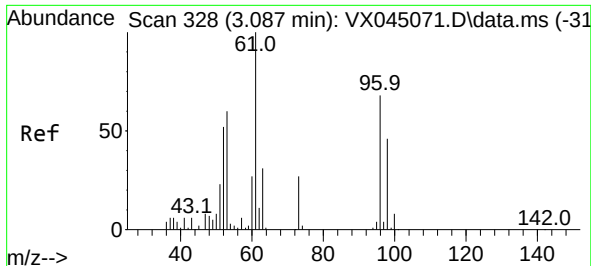
Tgt Ion: 73 Resp: 4017
Ion Ratio Lower Upper
73 100
57 19.0 18.5 27.7



#20
Methylene Chloride
Concen: 1.095 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 84 Resp: 1656
Ion Ratio Lower Upper
84 100
49 135.2 106.5 159.7
51 36.6 32.1 48.1
86 63.2 50.0 75.0

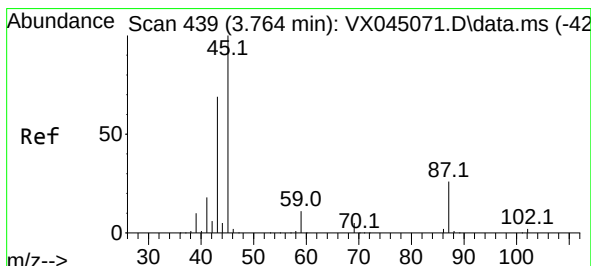
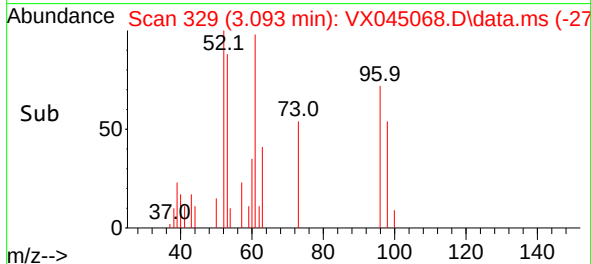
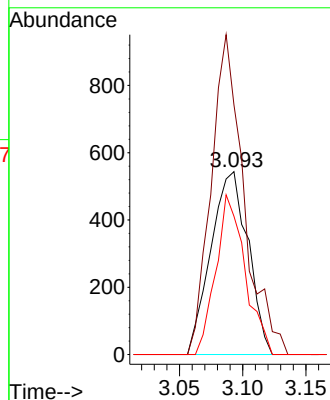
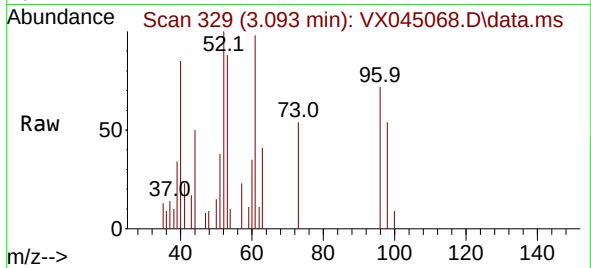




#21
trans-1,2-Dichloroethene
Concen: 0.869 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

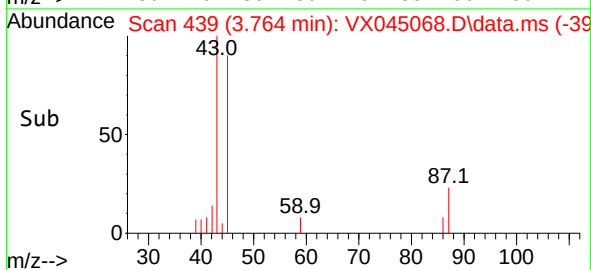
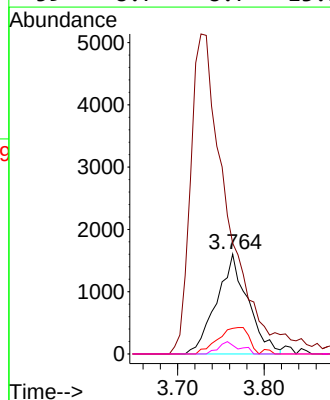
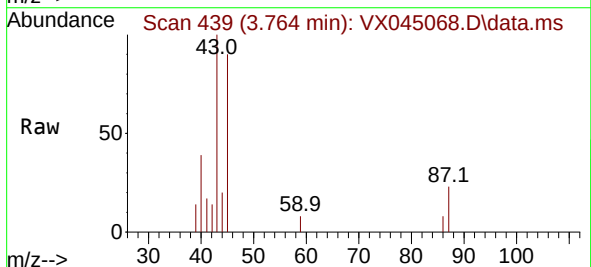
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

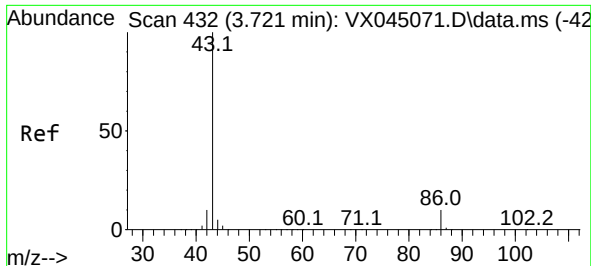
Tgt Ion: 96 Resp: 1109
Ion Ratio Lower Upper
96 100
61 136.4 117.0 175.4
98 75.6 53.4 80.2



#22
Diisopropyl ether
Concen: 0.871 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 45 Resp: 4026
Ion Ratio Lower Upper
45 100
43 91.9 54.9 82.3#
87 25.6 21.0 31.4
59 8.7 8.7 13.1

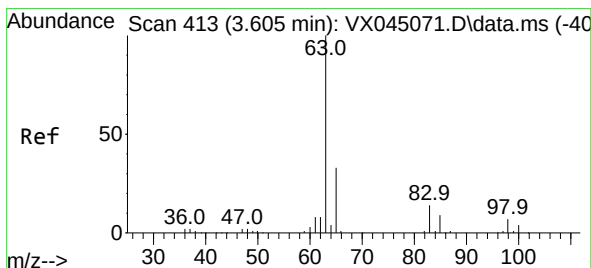
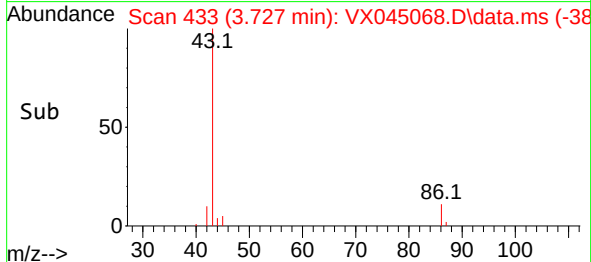
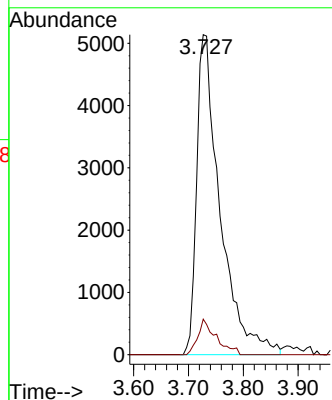
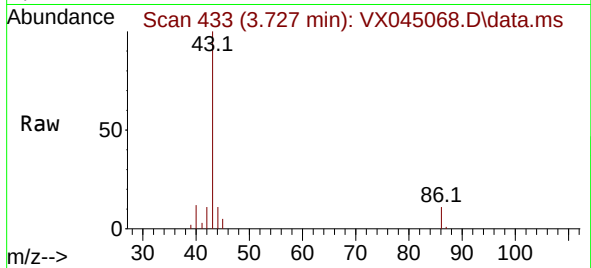




#23
 Vinyl Acetate
 Concen: 3.971 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

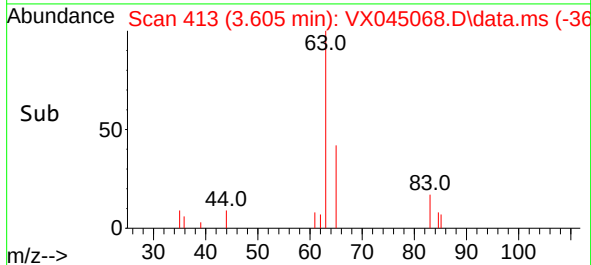
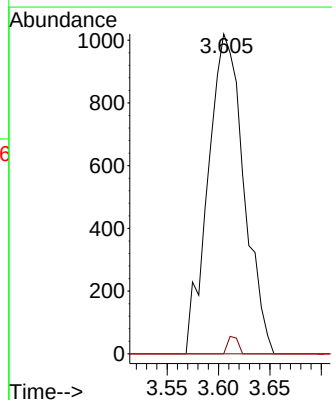
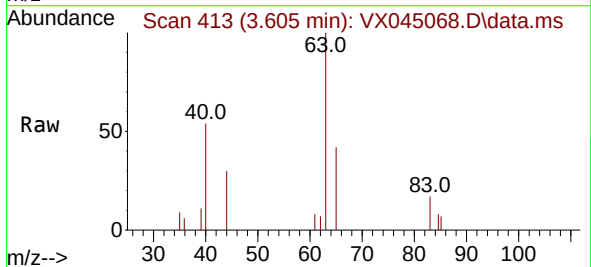
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

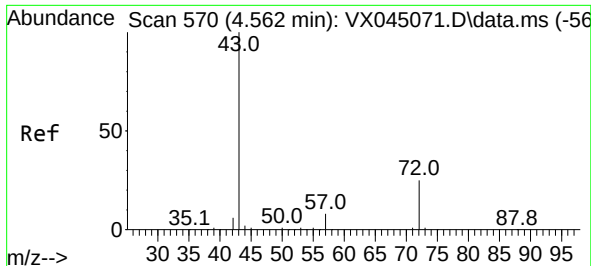
Tgt Ion: 43 Resp: 15271
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 0.958 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

Tgt Ion: 63 Resp: 2467
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.1 6.5#

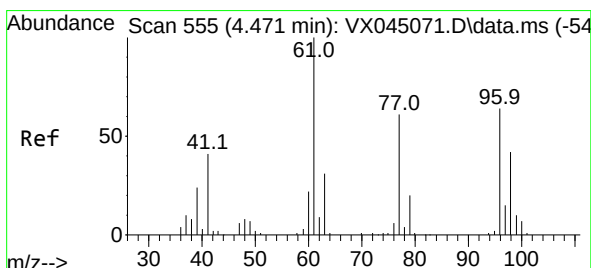
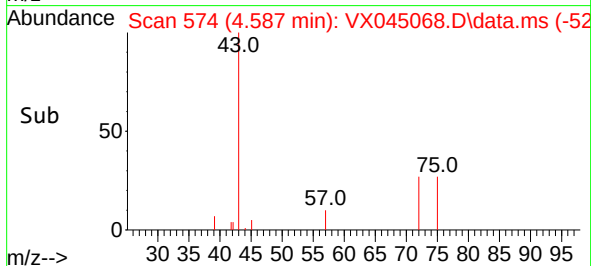
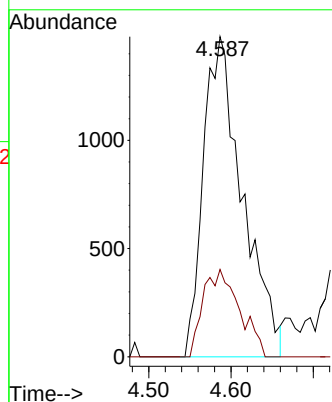
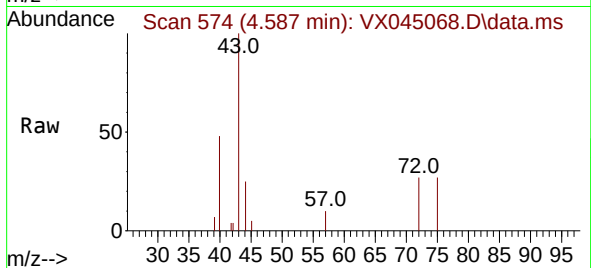




#25
2-Butanone
Concen: 4.252 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

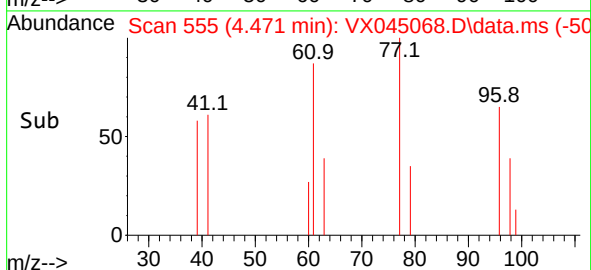
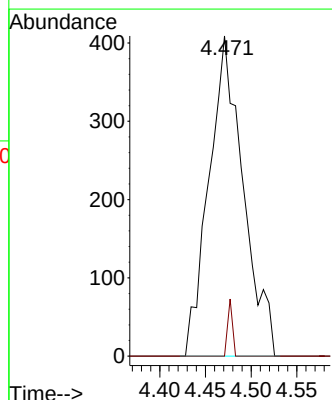
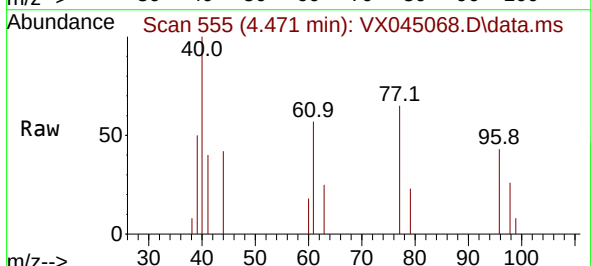
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

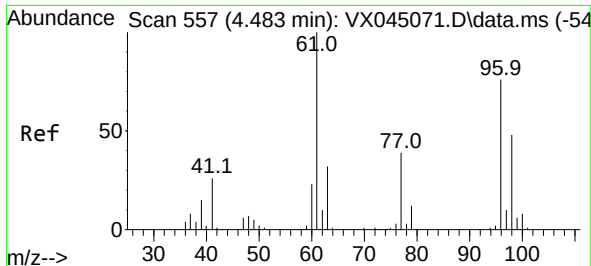
Tgt Ion: 43 Resp: 4894
Ion Ratio Lower Upper
43 100
72 27.2 20.0 30.0



#26
2,2-Dichloropropane
Concen: 0.872 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 77 Resp: 1066
Ion Ratio Lower Upper
77 100
97 2.5 12.4 37.0#





#27

cis-1,2-Dichloroethene

Concen: 0.902 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

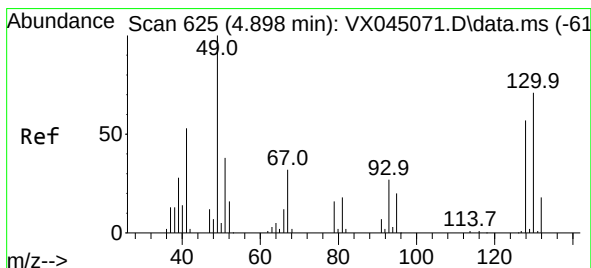
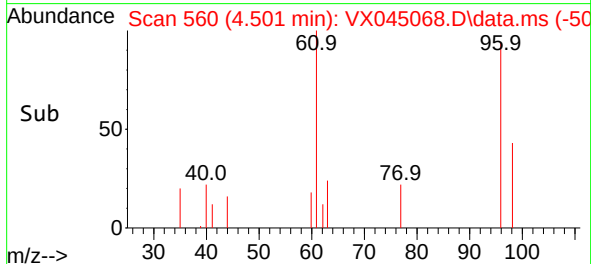
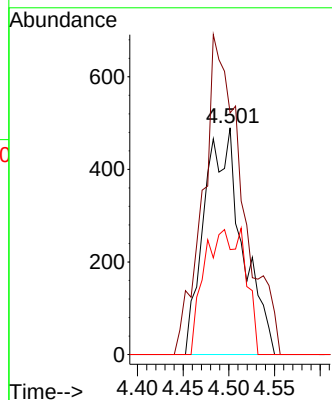
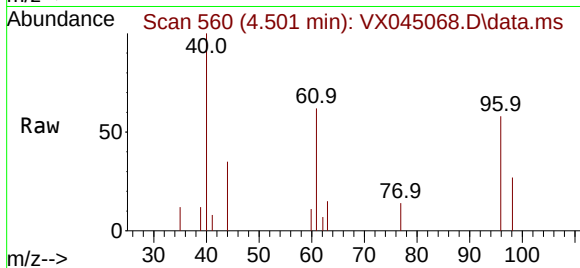
Tgt Ion: 96 Resp: 1412

Ion Ratio Lower Upper

96 100

61 0.0 0.0 283.2

98 59.1 0.0 128.0



#28

Bromochloromethane

Concen: 0.958 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

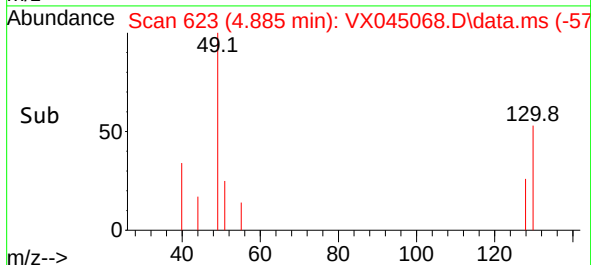
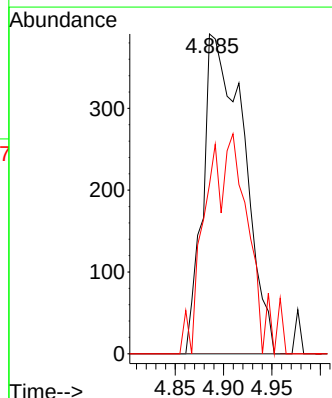
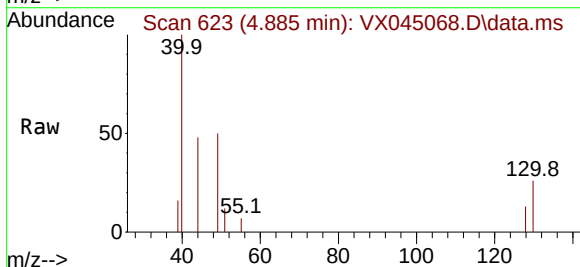
Tgt Ion: 49 Resp: 1144

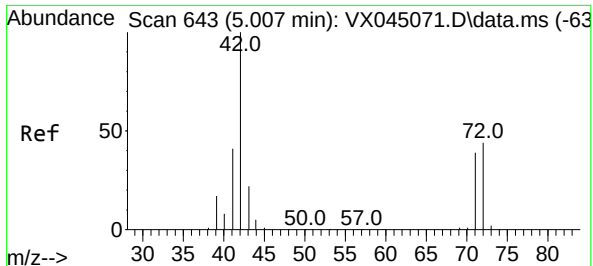
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 31.5 56.1 84.1#





#29

Tetrahydrofuran

Concen: 4.809 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

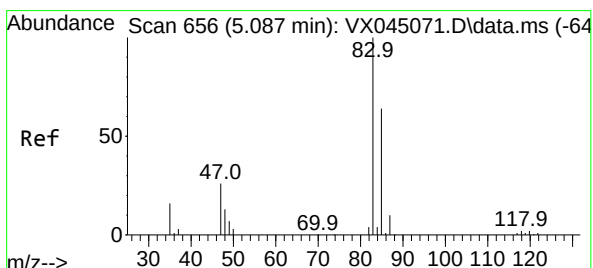
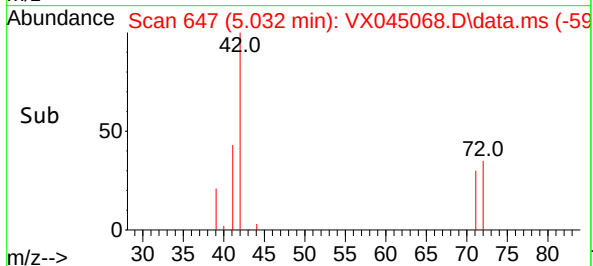
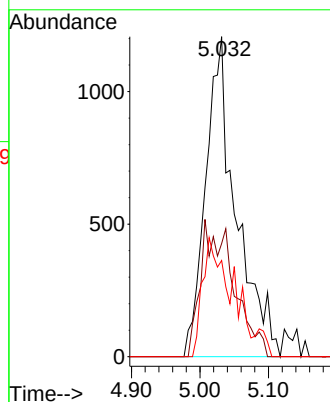
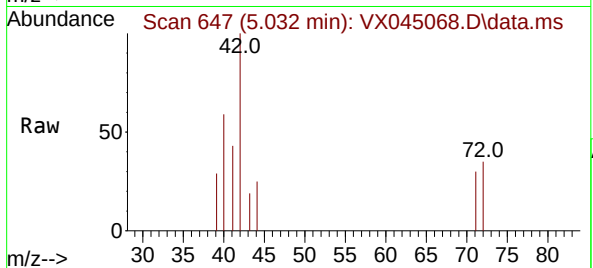
Tgt Ion: 42 Resp: 3719

Ion Ratio Lower Upper

42 100

72 0.0 34.1 51.1#

71 0.0 31.4 47.0#



#30

Chloroform

Concen: 0.978 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045068.D

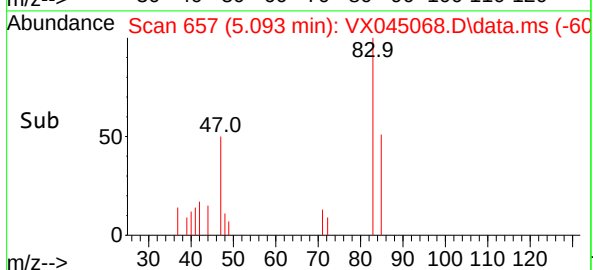
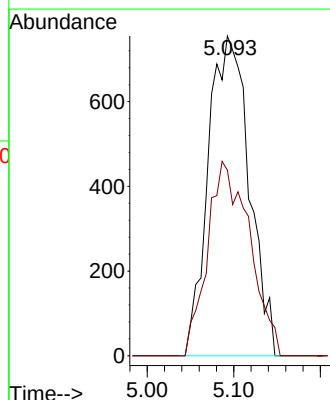
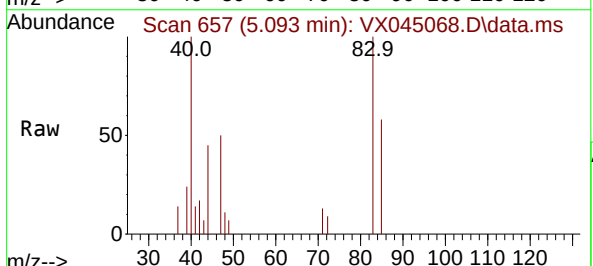
Acq: 28 Feb 2025 01:27

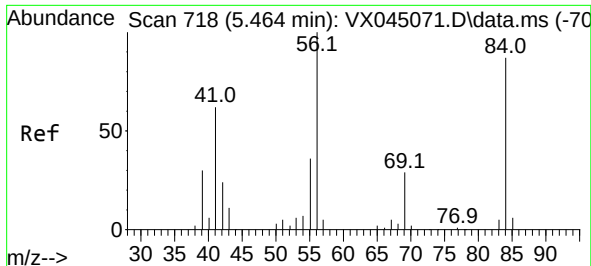
Tgt Ion: 83 Resp: 2478

Ion Ratio Lower Upper

83 100

85 58.0 51.4 77.2

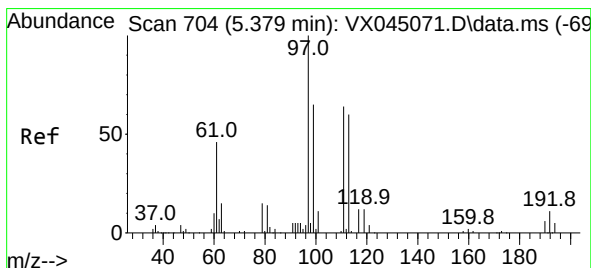
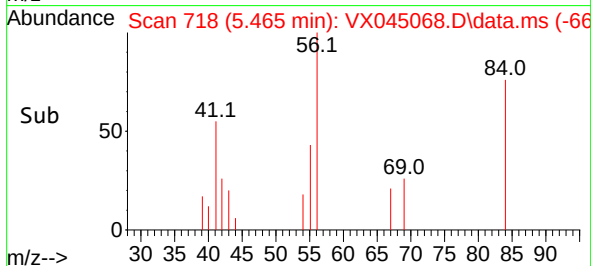
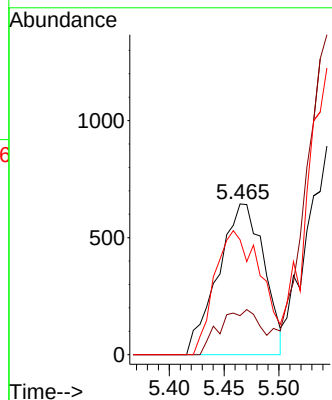
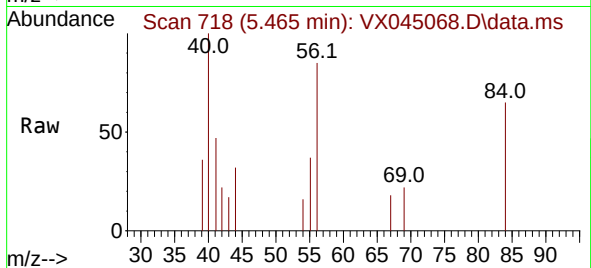




#31
Cyclohexane
Concen: 0.843 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

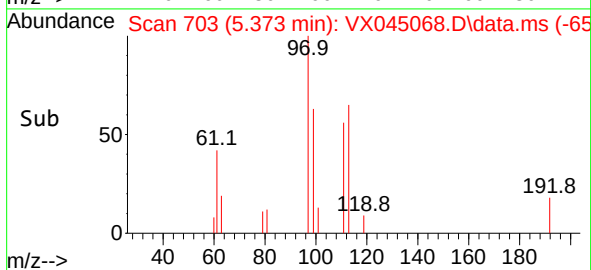
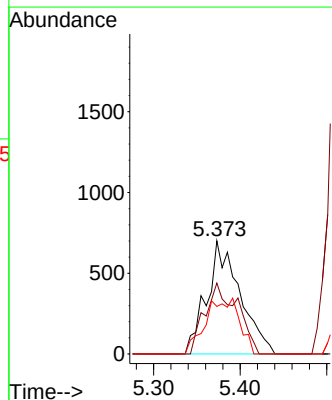
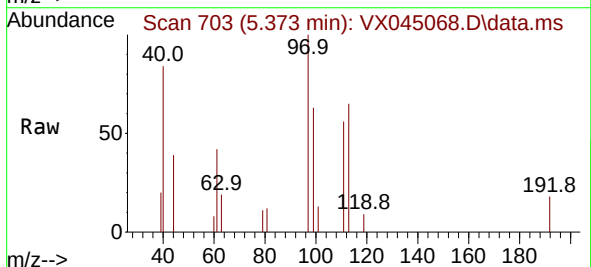
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

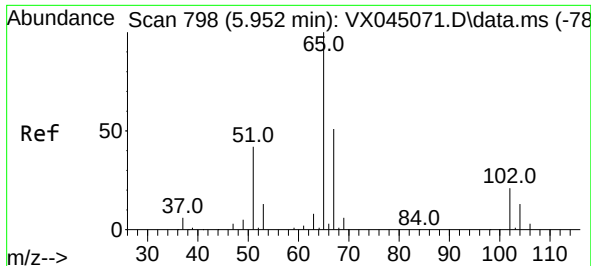
Tgt Ion: 56 Resp: 1875
Ion Ratio Lower Upper
56 100
69 25.9 23.4 35.2
84 76.2 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 0.893 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 97 Resp: 1867
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 50.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 1.537 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

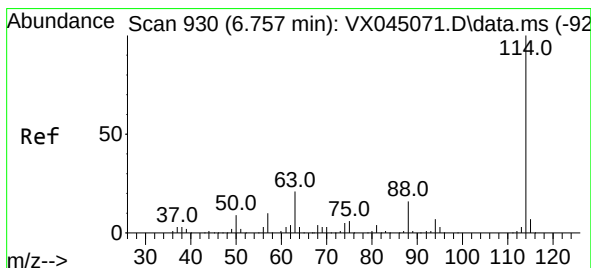
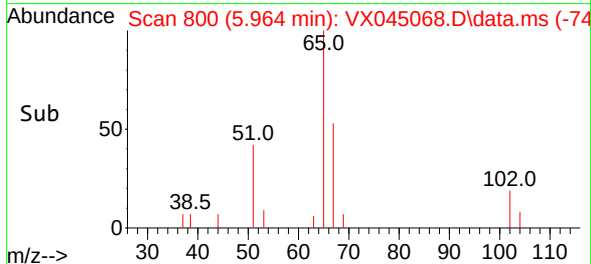
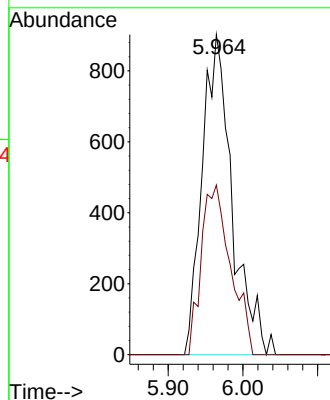
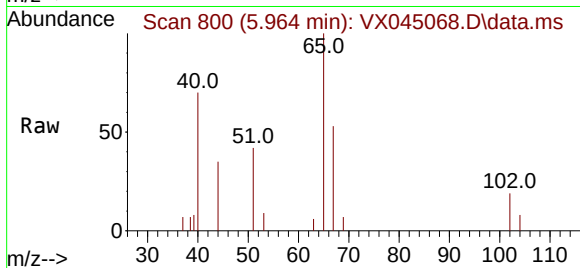
VSTDIC001

Tgt Ion: 65 Resp: 2512

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

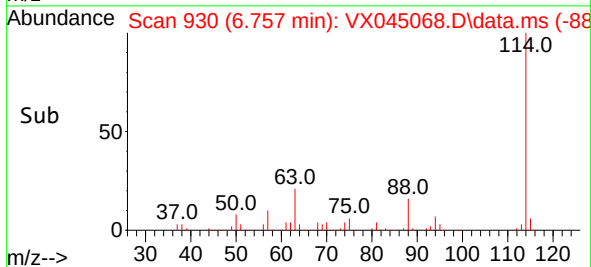
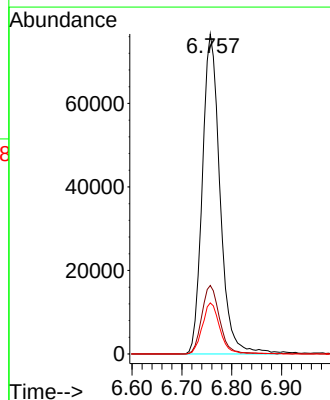
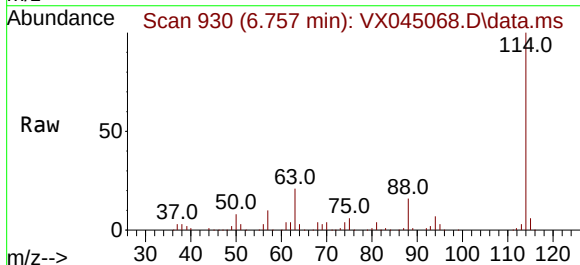
Tgt Ion: 114 Resp: 188642

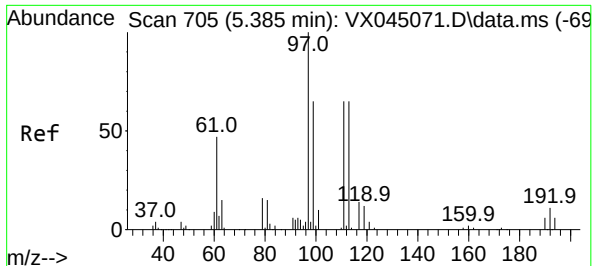
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.0 0.0 32.8

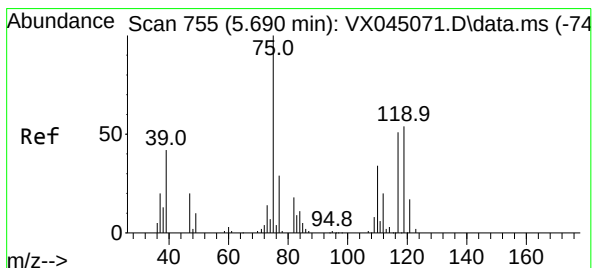
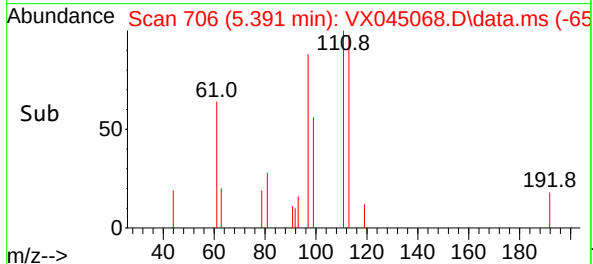
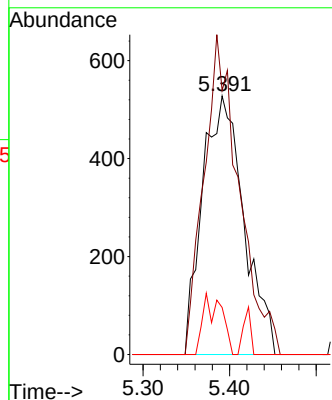
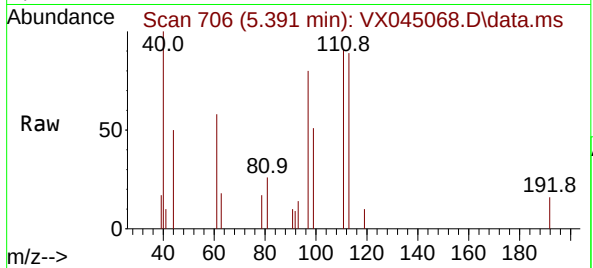




#35
Dibromofluoromethane
Concen: 1.389 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

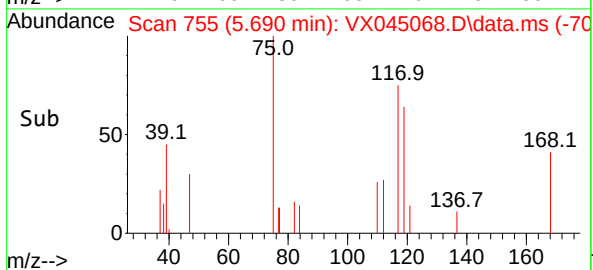
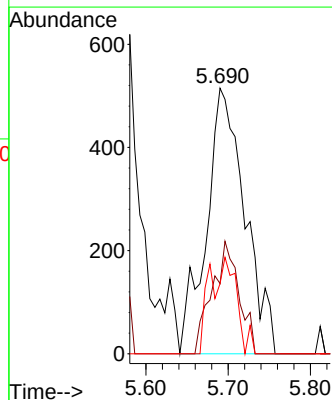
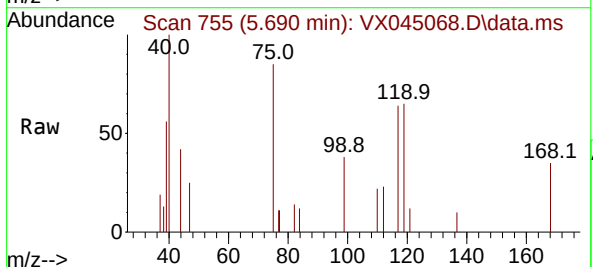
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

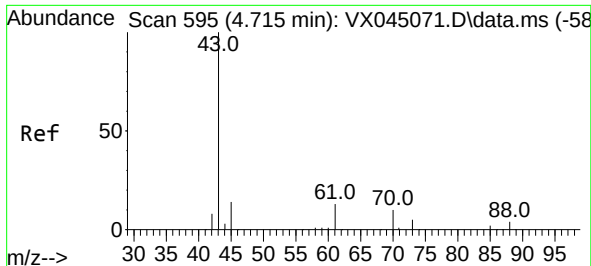
Tgt Ion:113 Resp: 1752
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 5.1 14.3 21.5#



#36
1,1-Dichloropropene
Concen: 0.967 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1681
Ion Ratio Lower Upper
75 100
110 29.6 16.9 50.6
77 16.4 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.703 ug/l

RT: 4.739 min Scan# 595

Delta R.T. 0.024 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

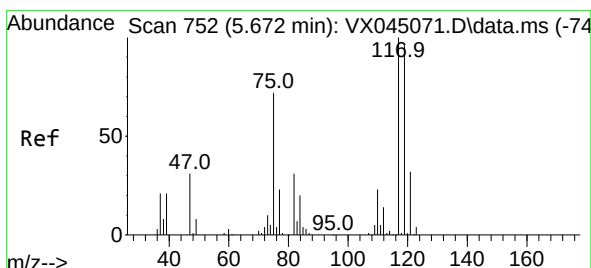
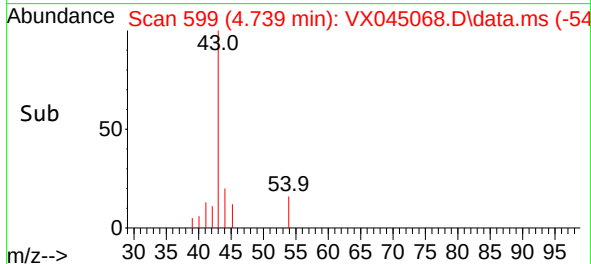
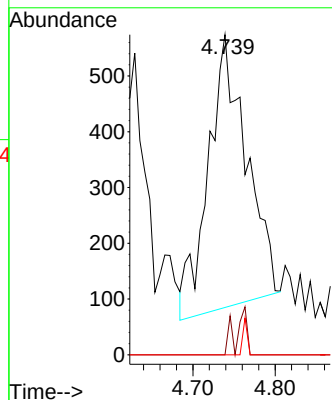
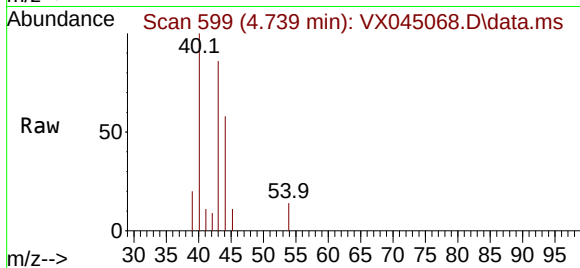
Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

70 0.0 7.7 11.5#



#38

Carbon Tetrachloride

Concen: 0.332 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

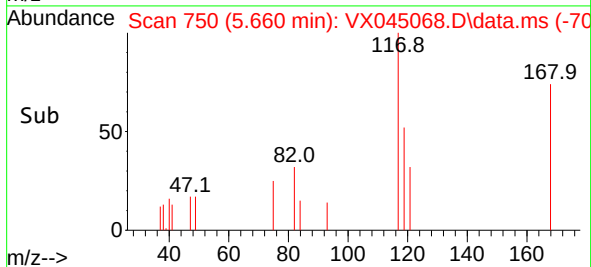
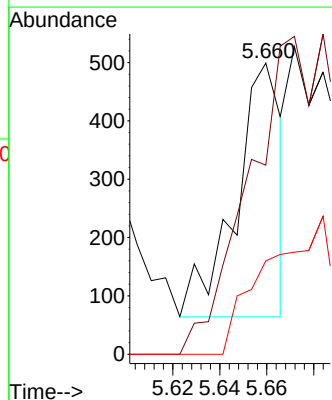
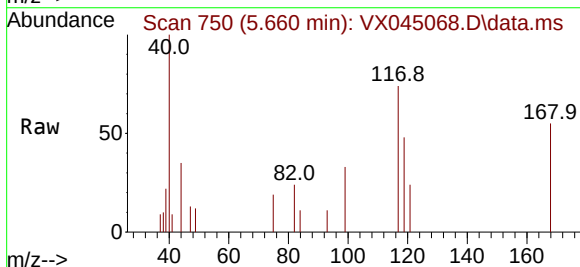
Tgt Ion: 117 Resp: 588

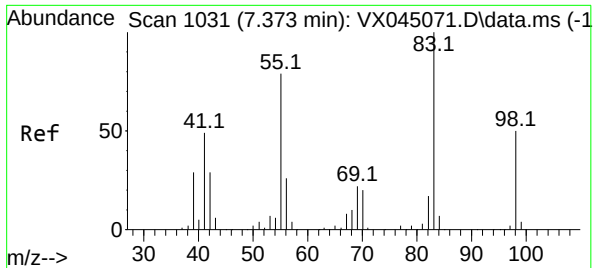
Ion Ratio Lower Upper

117 100

119 74.5 76.7 115.1#

121 36.8 25.5 38.3

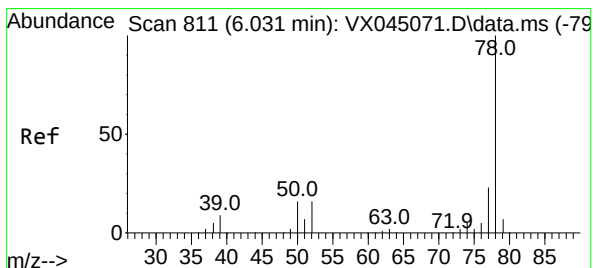
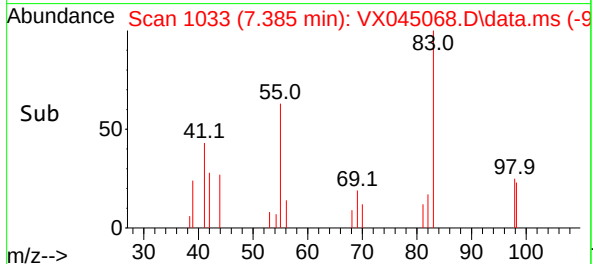
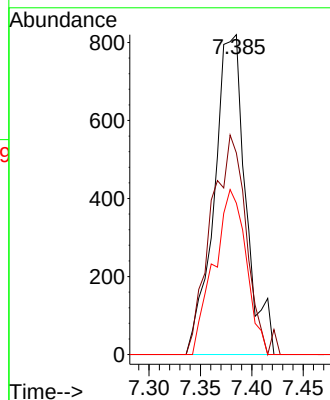
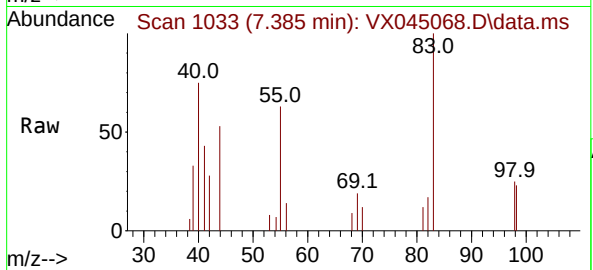




#39
Methylcyclohexane
Concen: 0.831 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

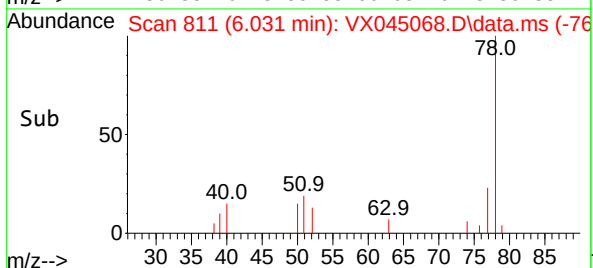
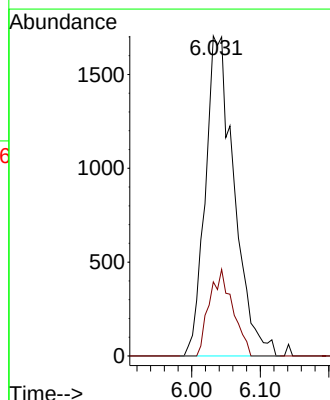
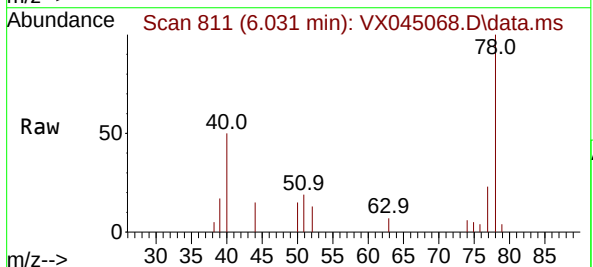
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

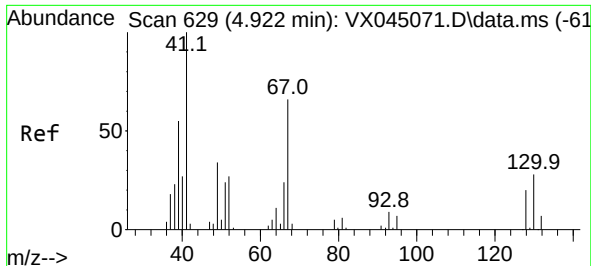
Tgt Ion: 83	Resp:	1750	
Ion	Ratio	Lower	Upper
83	100		
55	63.0	63.0	94.4
98	47.3	39.7	59.5



#40
Benzene
Concen: 0.907 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 78	Resp:	4984	
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

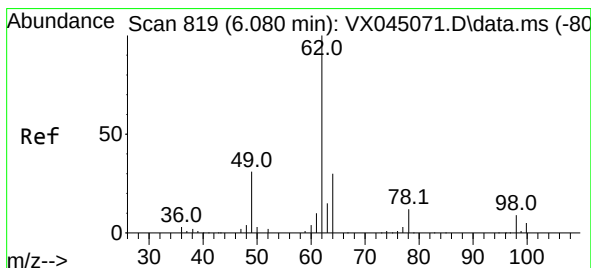
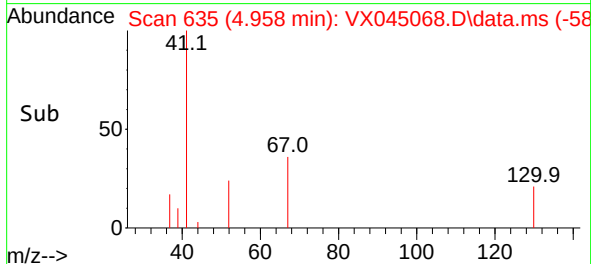
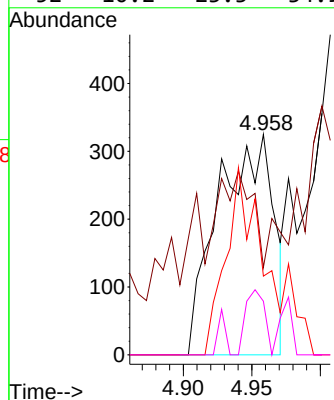
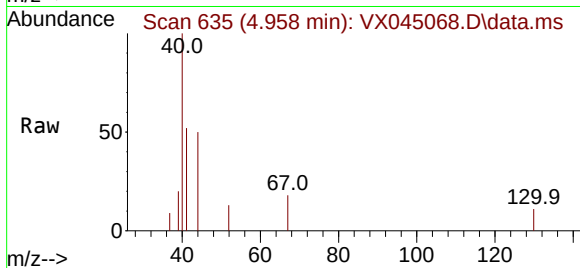




#41
Methacrylonitrile
Concen: 0.748 ug/l
RT: 4.958 min Scan# 611
Delta R.T. 0.037 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

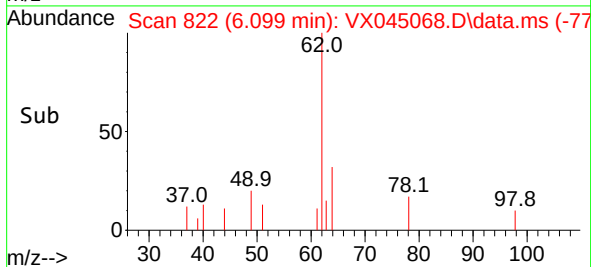
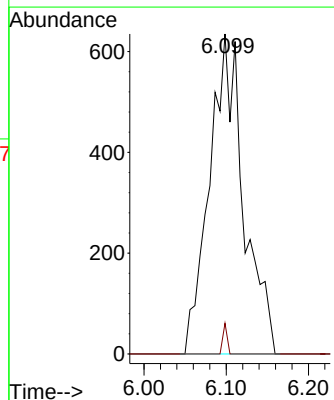
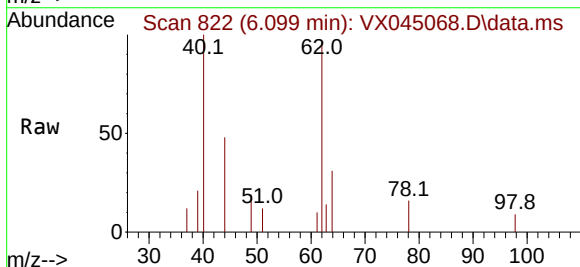
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

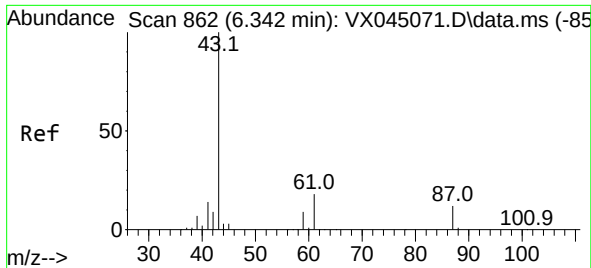
Tgt Ion:	41	Resp:	912
Ion	Ratio	Lower	Upper
41	100		
39	34.3	44.6	67.0#
67	63.4	53.9	80.9
52	10.2	23.3	34.9#



#42
1,2-Dichloroethane
Concen: 0.924 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:	62	Resp:	1837
Ion	Ratio	Lower	Upper
62	100		
98	1.2	0.0	18.2

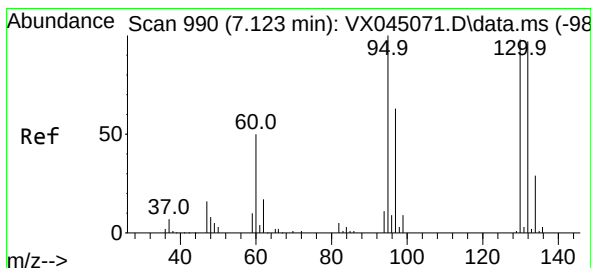
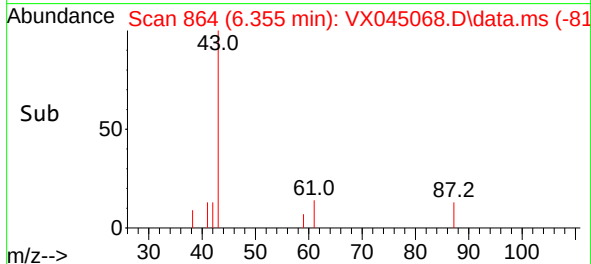
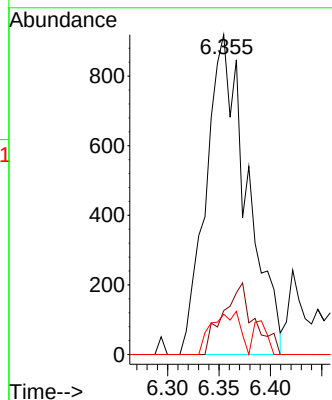
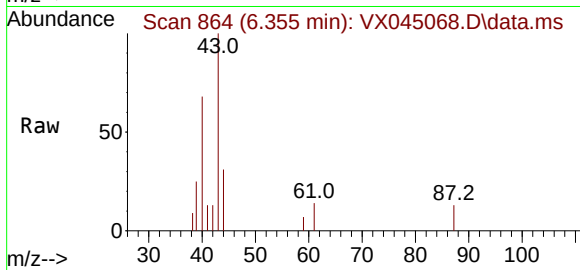




#43
Isopropyl Acetate
Concen: 0.767 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

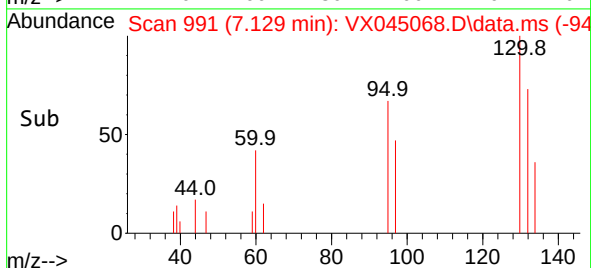
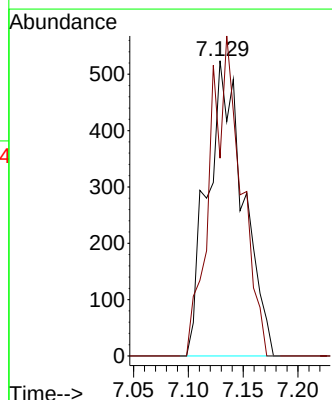
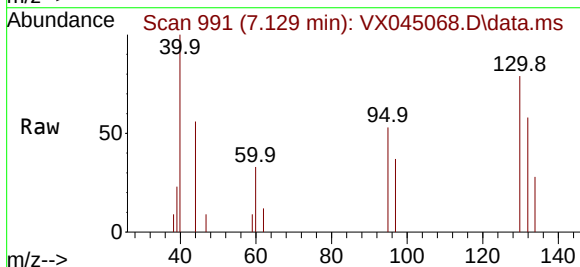
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

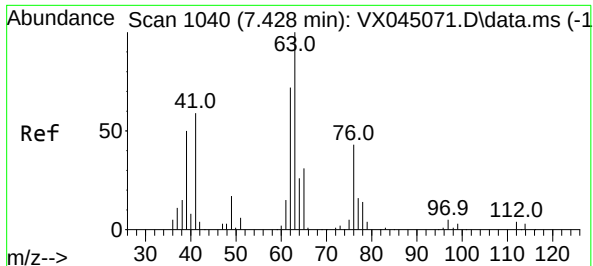
Tgt Ion: 43 Resp: 2545
Ion Ratio Lower Upper
43 100
61 17.0 14.9 22.3
87 9.2 9.4 14.2#



#44
Trichloroethene
Concen: 0.933 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:130 Resp: 1202
Ion Ratio Lower Upper
130 100
95 67.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 0.971 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

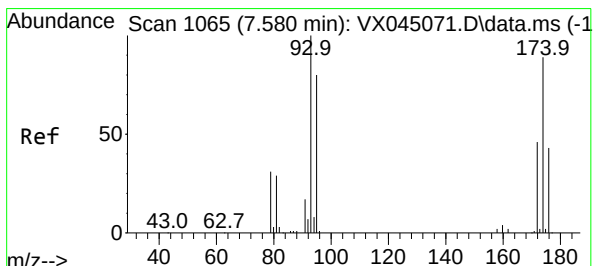
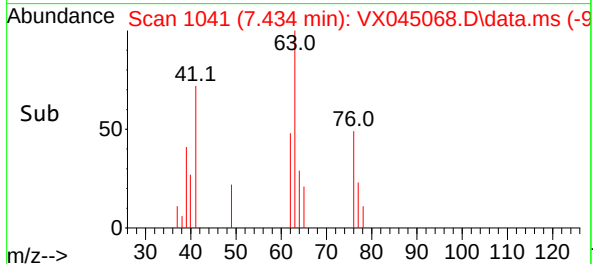
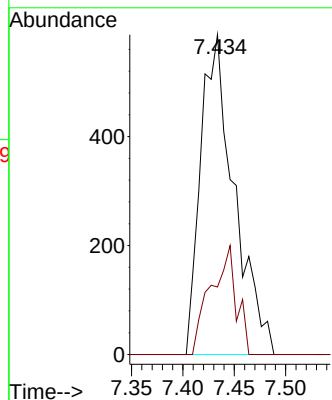
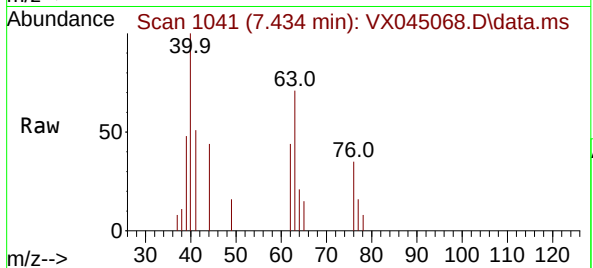
VSTDIC001

Tgt Ion: 63 Resp: 1334

Ion Ratio Lower Upper

63 100

65 21.1 24.7 37.1#



#46

Dibromomethane

Concen: 0.897 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

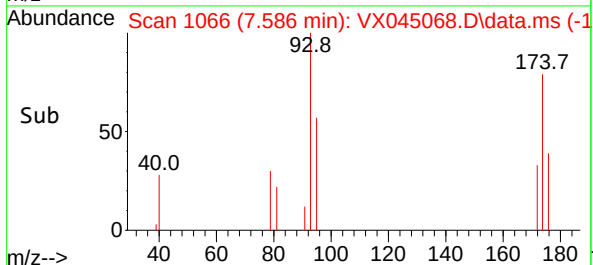
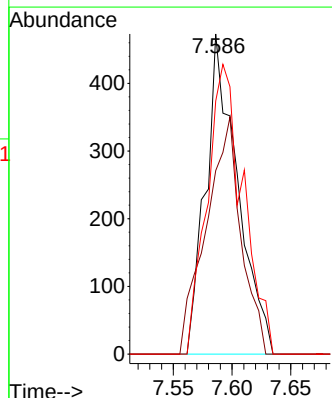
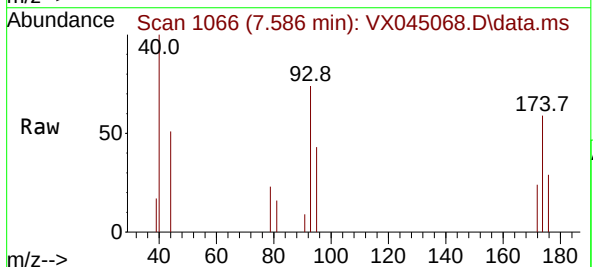
Tgt Ion: 93 Resp: 891

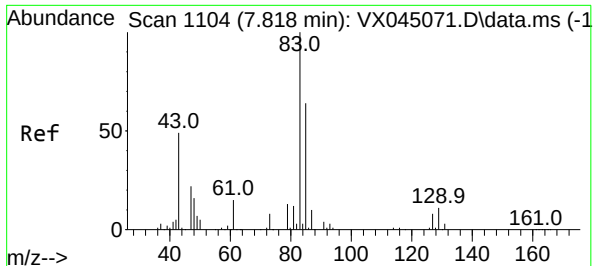
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.8

174 102.8 72.2 108.2





#47

Bromodichloromethane

Concen: 0.927 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

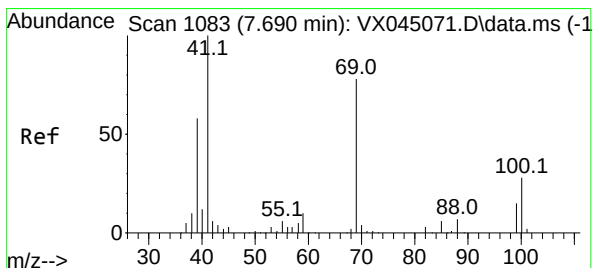
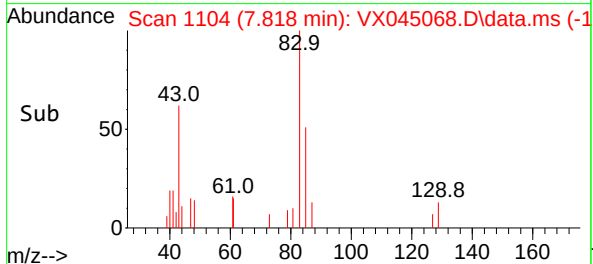
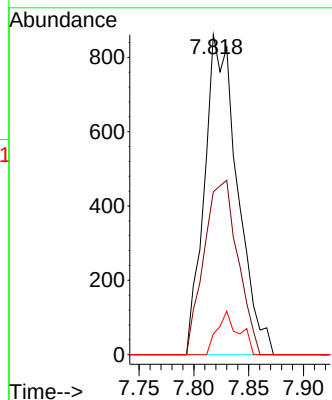
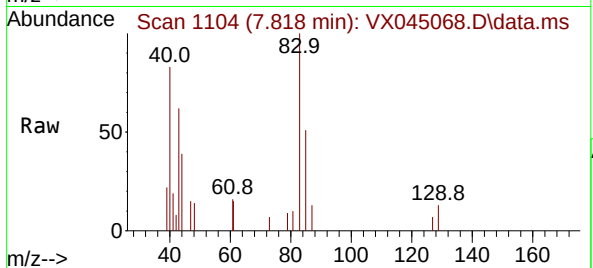
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 83	Resp: 1802
Ion Ratio	Lower Upper
83 100	
85 50.9	51.1 76.7#
127 6.5	6.4 9.6



#48

Methyl methacrylate

Concen: 0.699 ug/l

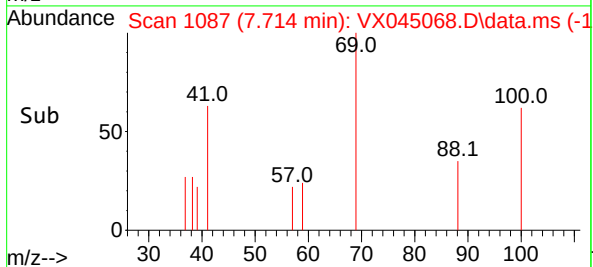
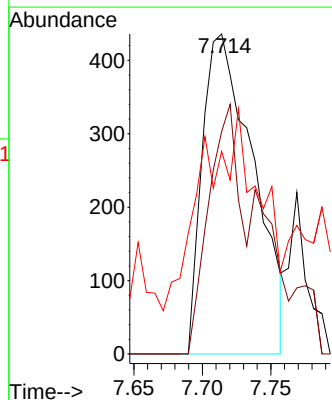
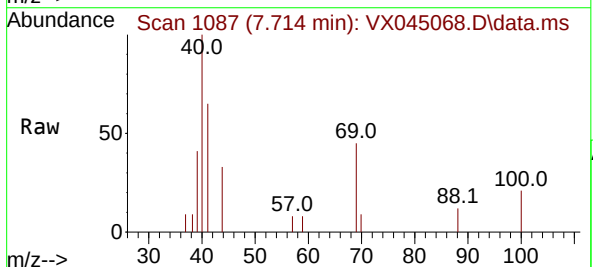
RT: 7.714 min Scan# 1087

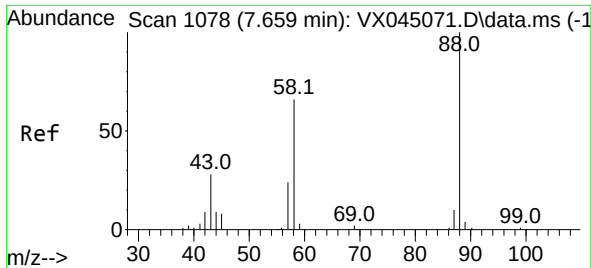
Delta R.T. 0.024 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion: 41	Resp: 1125
Ion Ratio	Lower Upper
41 100	
69 48.9	63.0 94.6#
39 24.4	47.5 71.3#

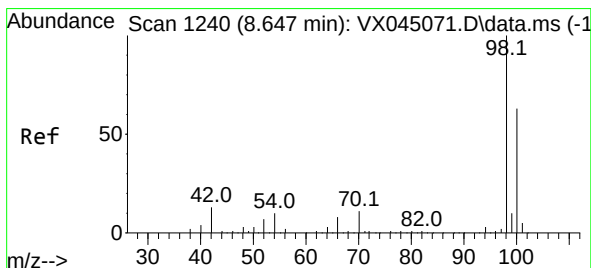
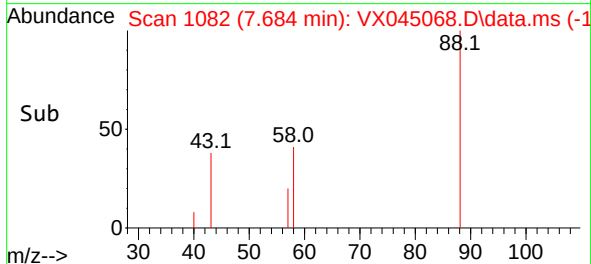
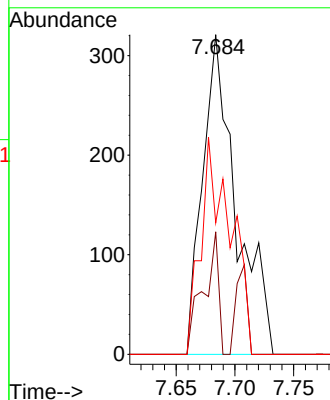
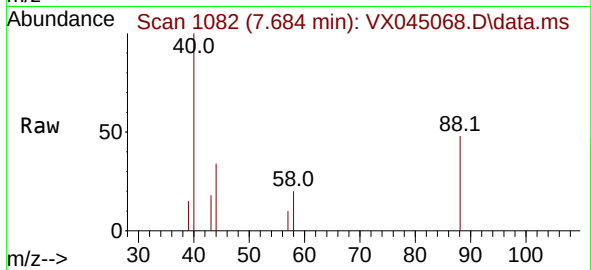




#49
1,4-Dioxane
Concen: 18.144 ug/l
RT: 7.684 min Scan# 1078
Delta R.T. 0.024 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

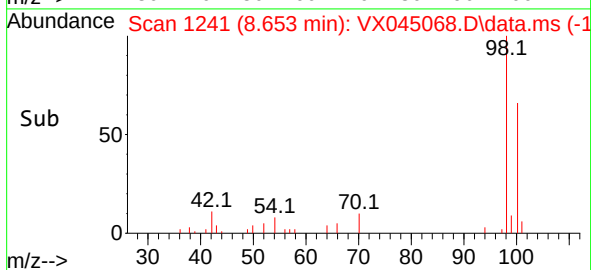
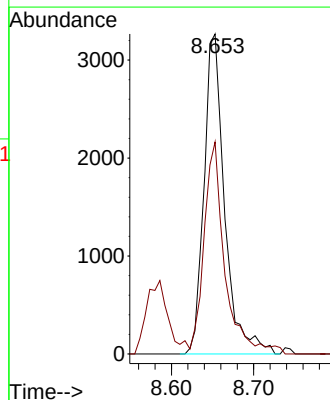
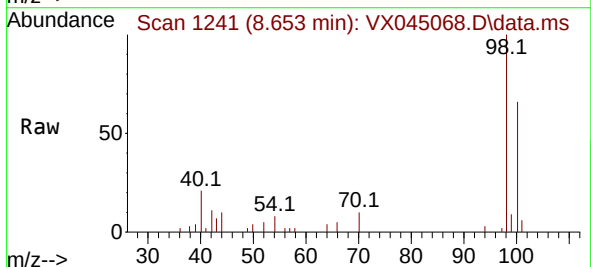
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

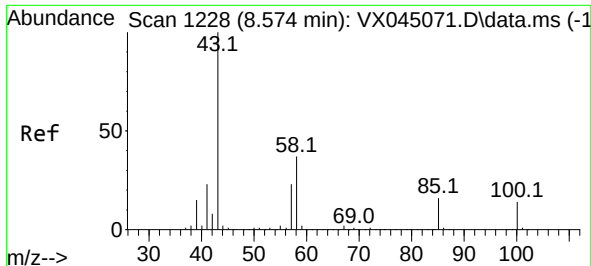
Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
43 17.2 28.7 43.1#
58 59.9 55.8 83.8



#50
Toluene-d8
Concen: 1.244 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 98 Resp: 5691
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0

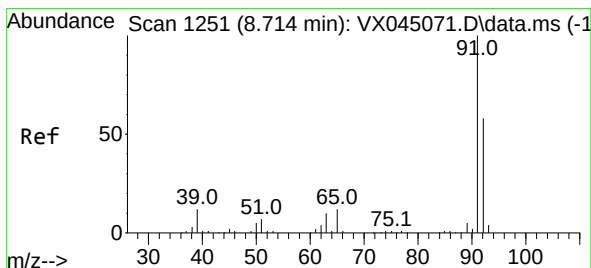
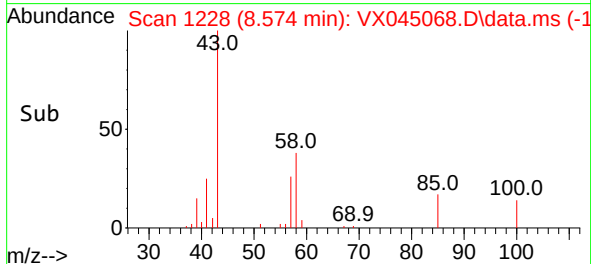
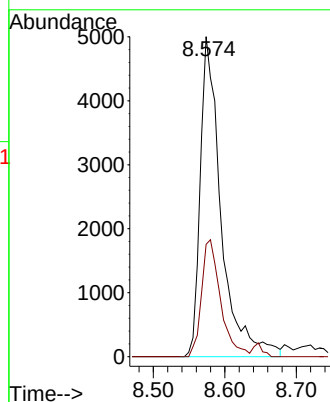
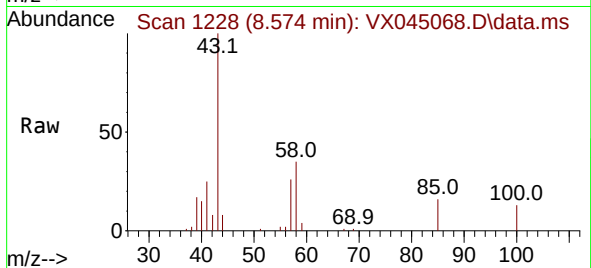




#51
4-Methyl-2-Pentanone
Concen: 4.567 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

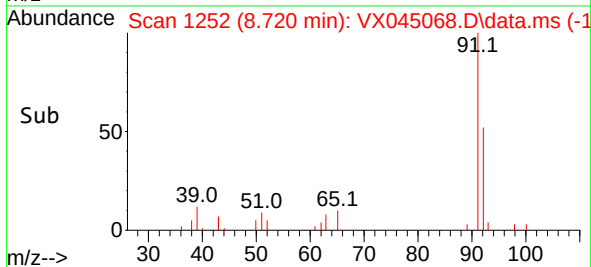
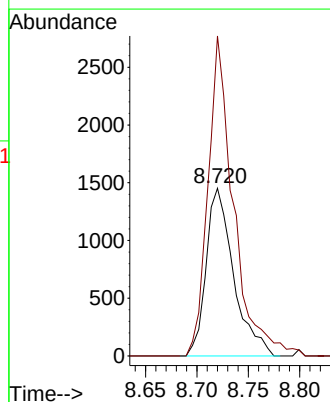
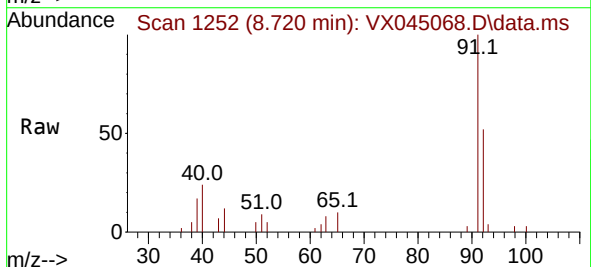
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

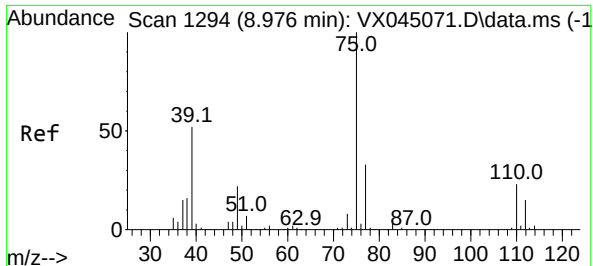
Tgt Ion: 43 Resp: 10091
Ion Ratio Lower Upper
43 100
58 33.5 29.2 43.8



#52
Toluene
Concen: 0.841 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 92 Resp: 2700
Ion Ratio Lower Upper
92 100
91 177.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 0.700 ug/l

RT: 8.994 min Scan# 1195

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

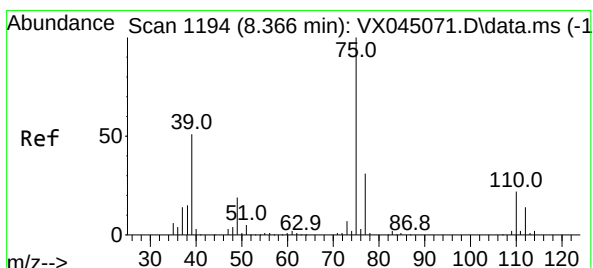
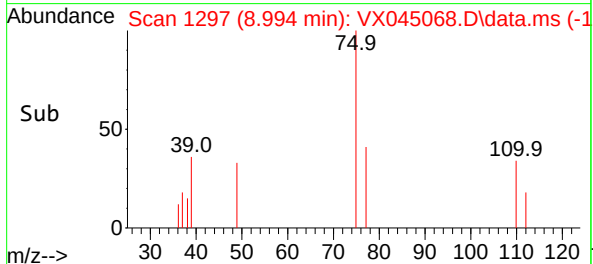
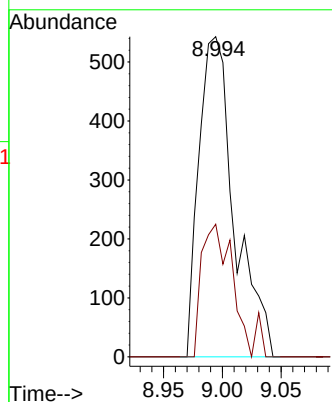
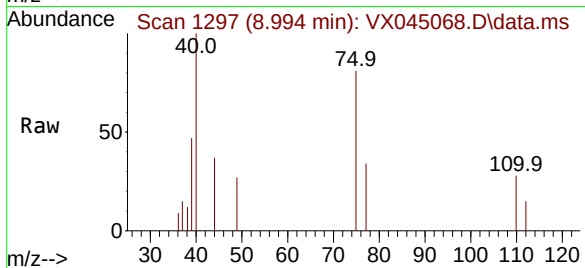
VSTDICC001

Tgt Ion: 75 Resp: 1147

Ion Ratio Lower Upper

75 100

77 41.4 26.5 39.7#



#54

cis-1,3-Dichloropropene

Concen: 0.804 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

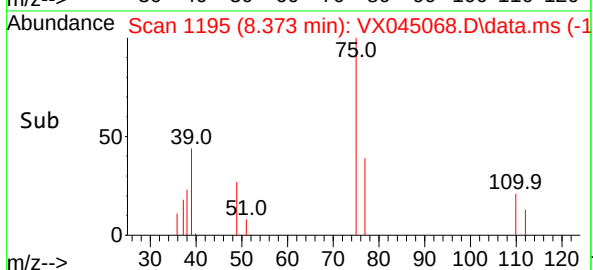
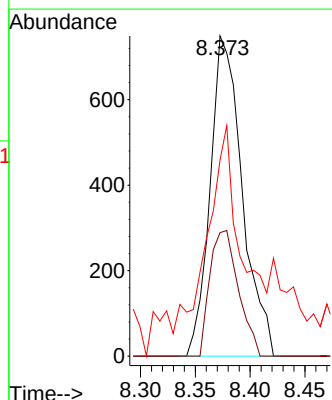
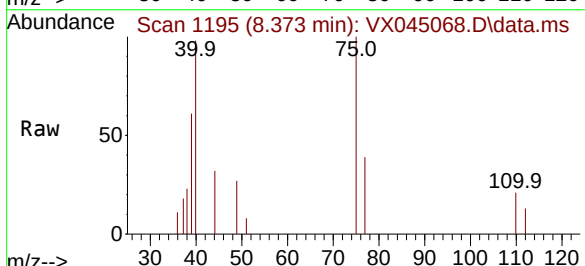
Tgt Ion: 75 Resp: 1525

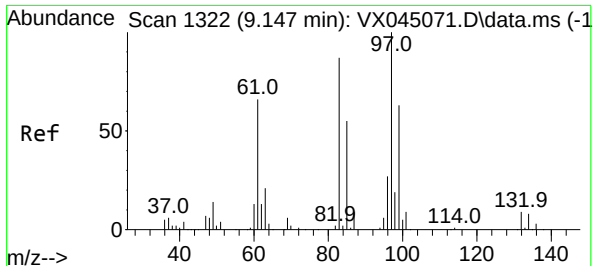
Ion Ratio Lower Upper

75 100

77 38.6 24.7 37.1#

39 45.1 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 1.004 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1306

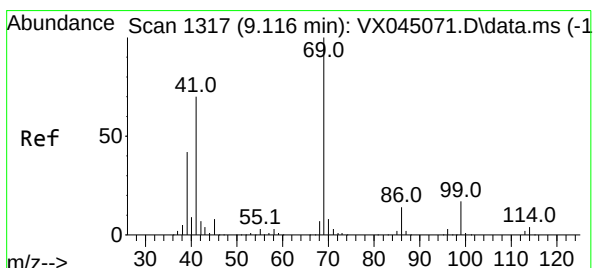
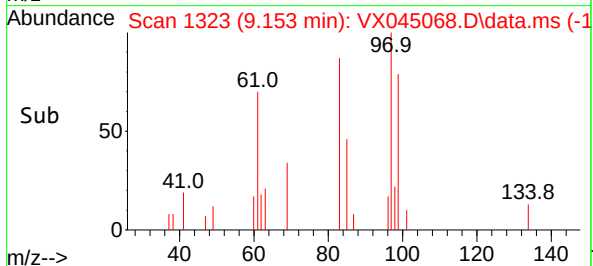
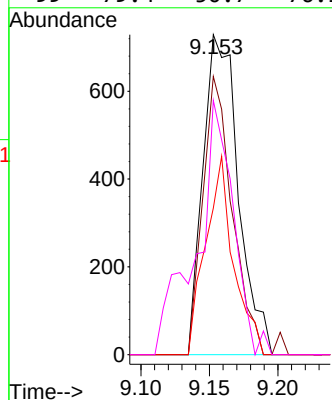
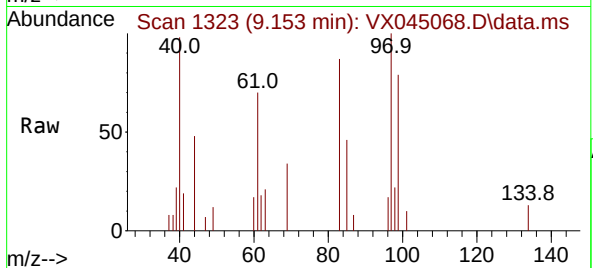
Ion Ratio Lower Upper

97 100

83 87.0 69.4 104.2

85 45.8 44.1 66.1

99 79.4 50.7 76.1#



#56

Ethyl methacrylate

Concen: 0.748 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

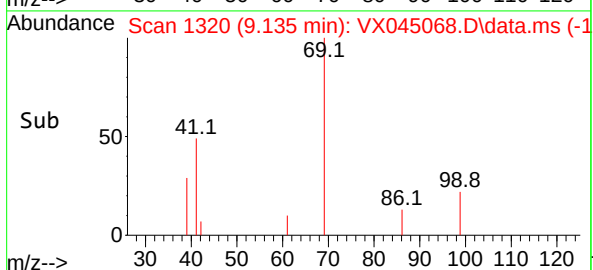
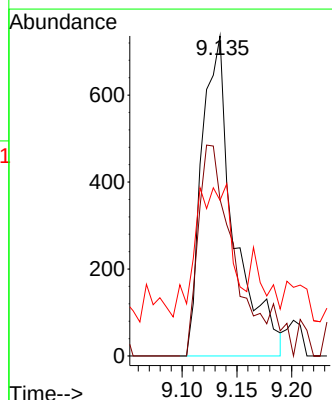
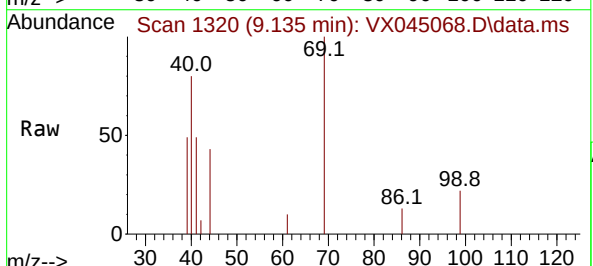
Tgt Ion: 69 Resp: 1494

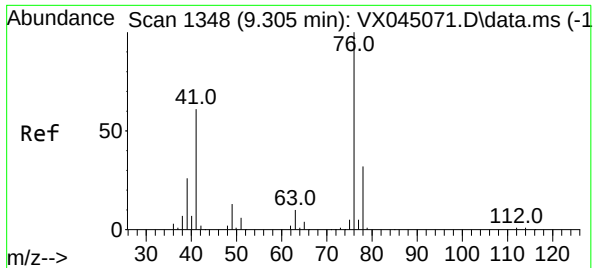
Ion Ratio Lower Upper

69 100

41 71.5 57.0 85.4

39 54.6 34.2 51.4#





#57

1,3-Dichloropropane

Concen: 0.920 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

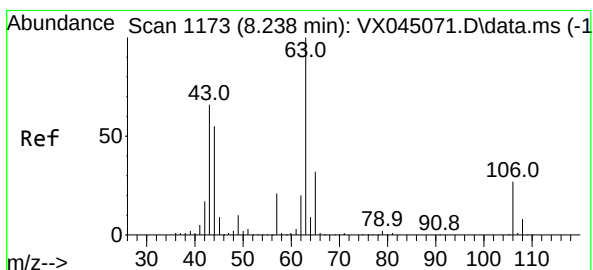
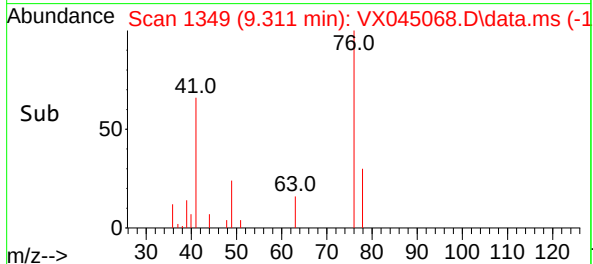
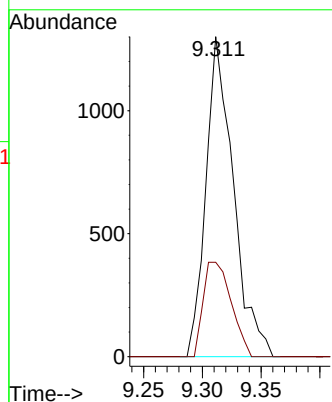
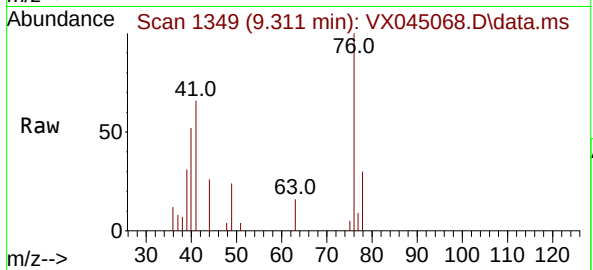
VSTDICC001

Tgt Ion: 76 Resp: 2112

Ion Ratio Lower Upper

76 100

78 30.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 4.320 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX045068.D

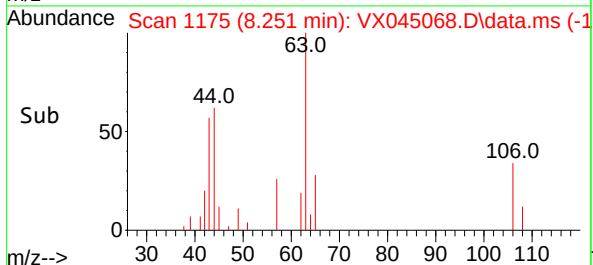
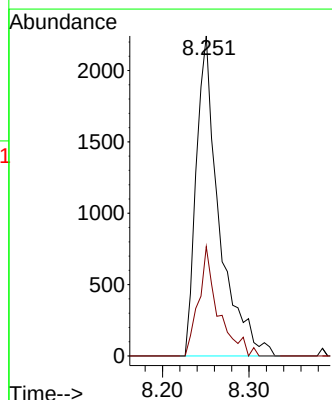
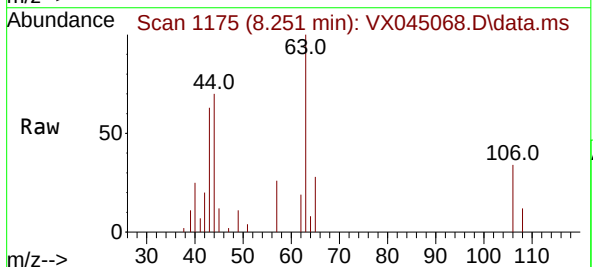
Acq: 28 Feb 2025 01:27

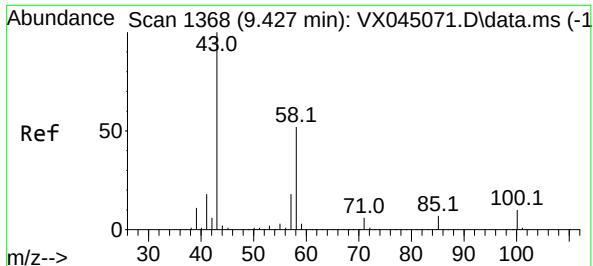
Tgt Ion: 63 Resp: 4115

Ion Ratio Lower Upper

63 100

106 29.2 21.5 32.3

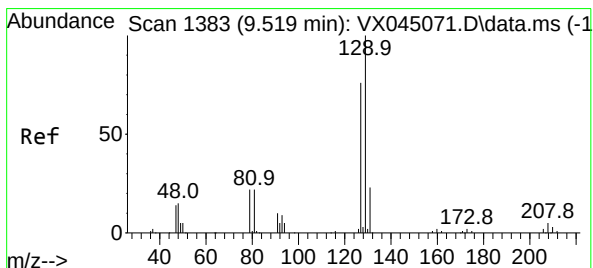
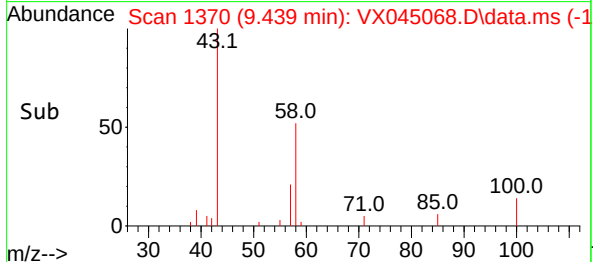
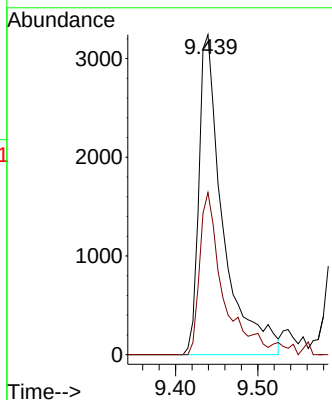
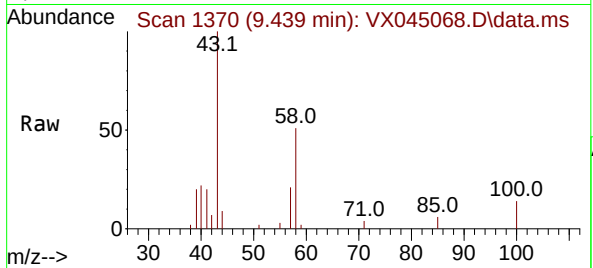




#59
2-Hexanone
Concen: 4.153 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

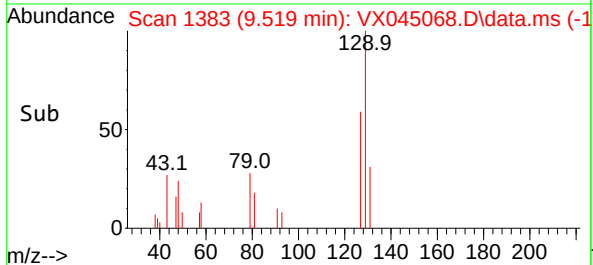
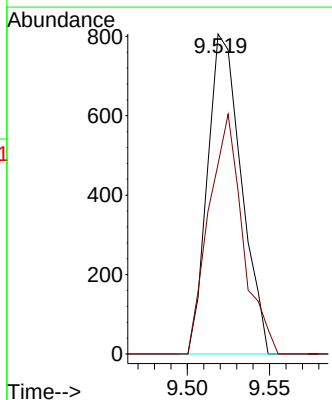
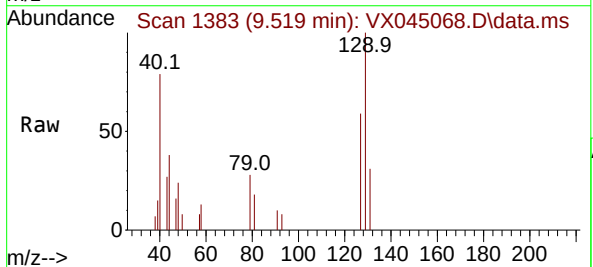
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

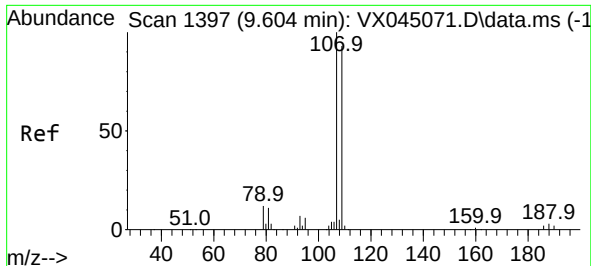
Tgt Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
58 48.7 25.9 77.6



#60
Dibromochloromethane
Concen: 0.835 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 129 Resp: 1152
Ion Ratio Lower Upper
129 100
127 75.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 0.890 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

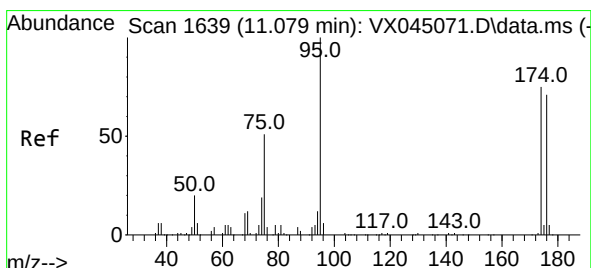
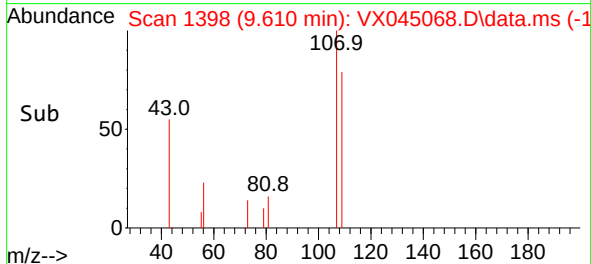
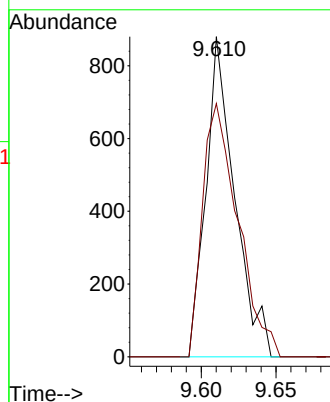
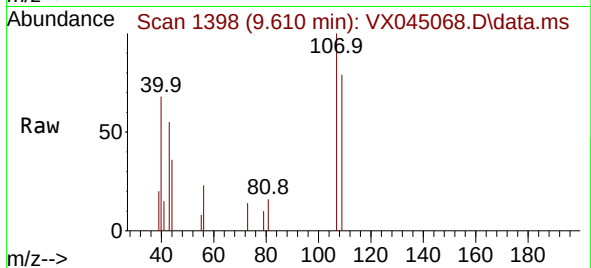
VSTDIC001

Tgt Ion:107 Resp: 1174

Ion Ratio Lower Upper

107 100

109 97.6 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 1.112 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

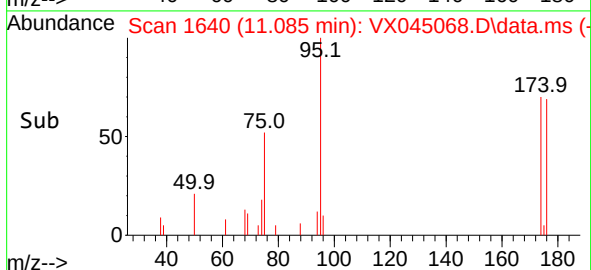
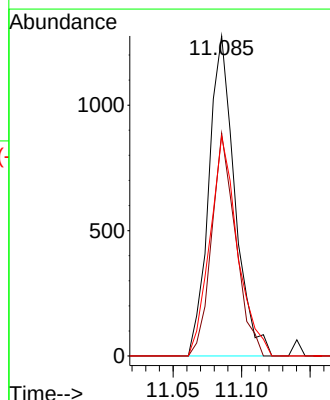
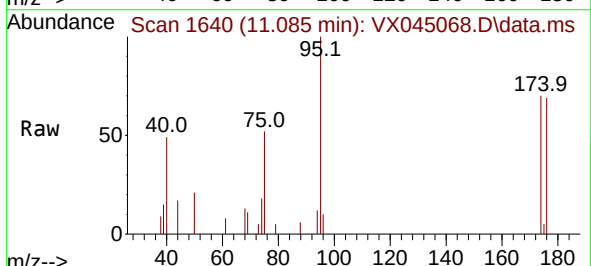
Tgt Ion: 95 Resp: 1685

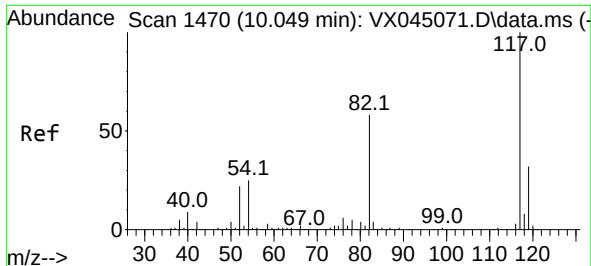
Ion Ratio Lower Upper

95 100

174 64.2 0.0 148.2

176 72.7 0.0 141.4

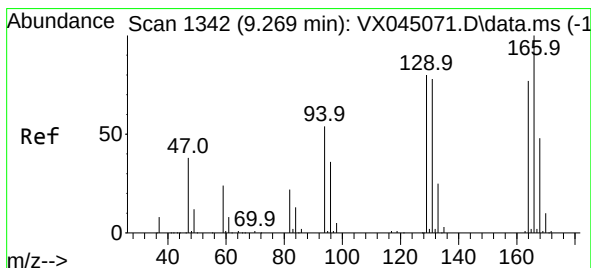
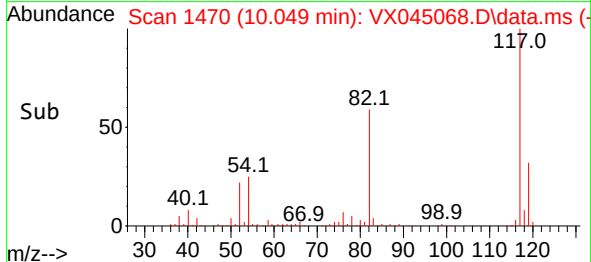
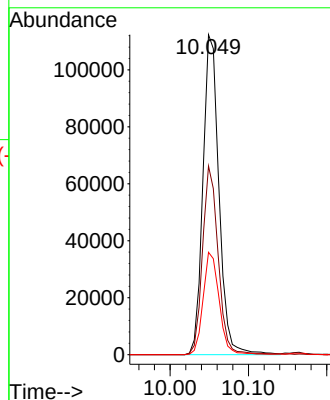
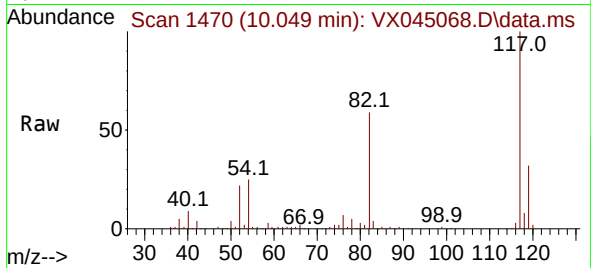




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

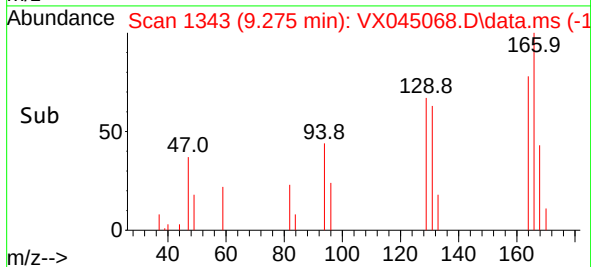
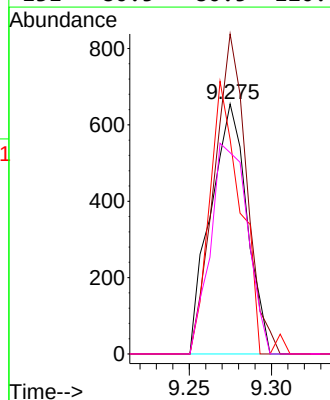
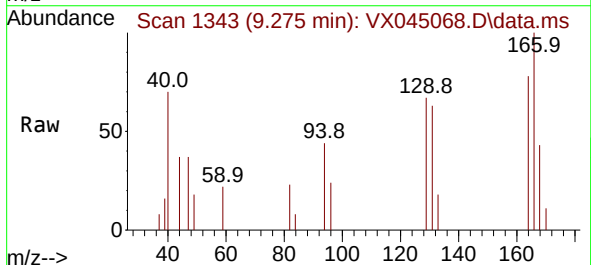
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

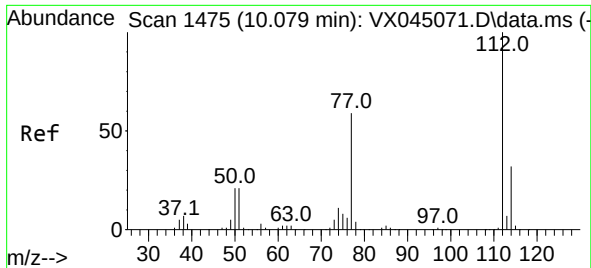
Tgt Ion:117 Resp: 159886
Ion Ratio Lower Upper
117 100
82 59.0 46.3 69.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.986 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:164 Resp: 1006
Ion Ratio Lower Upper
164 100
166 127.9 103.6 155.4
129 85.8 82.7 124.1
131 80.5 80.5 120.7#

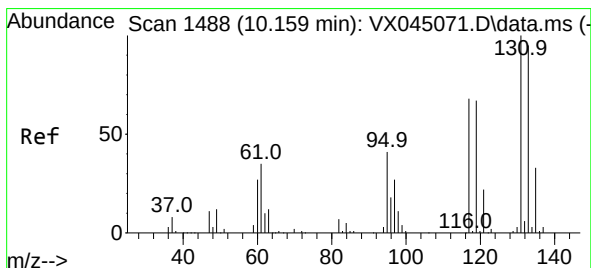
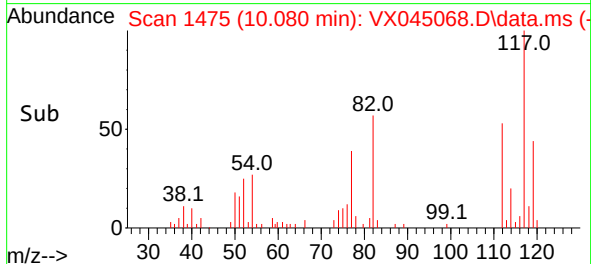
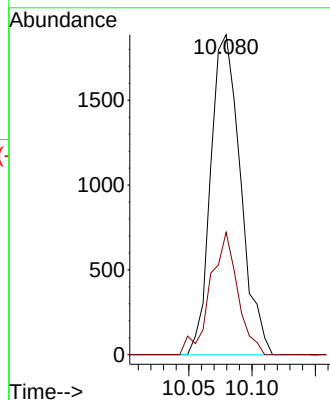
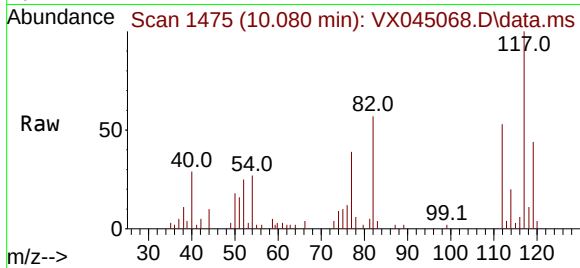




#65
Chlorobenzene
Concen: 0.908 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

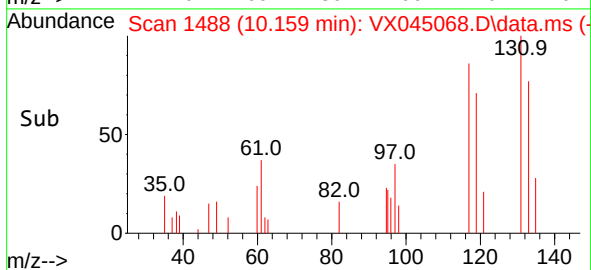
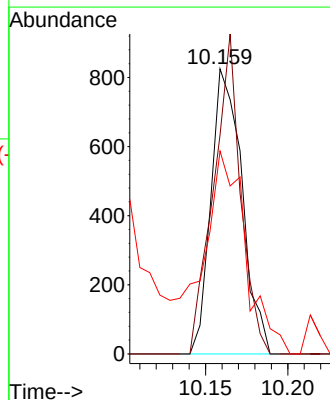
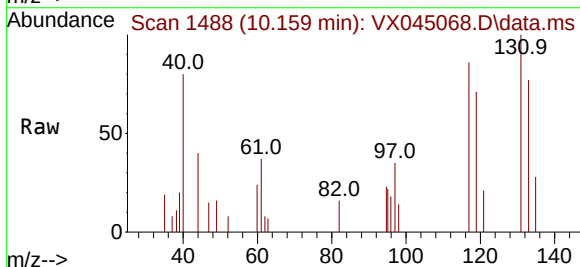
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

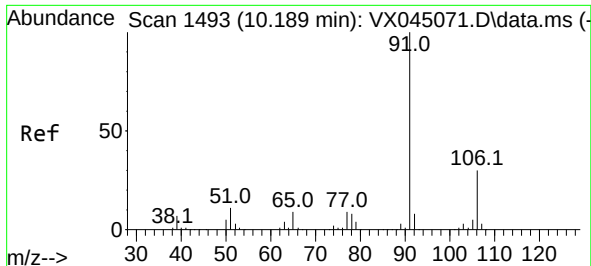
Tgt Ion:112 Resp: 3094
Ion Ratio Lower Upper
112 100
114 38.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.978 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion:131 Resp: 1078
Ion Ratio Lower Upper
131 100
133 98.6 48.6 145.9
119 0.0 33.9 101.7#





#67

Ethyl Benzene

Concen: 0.846 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

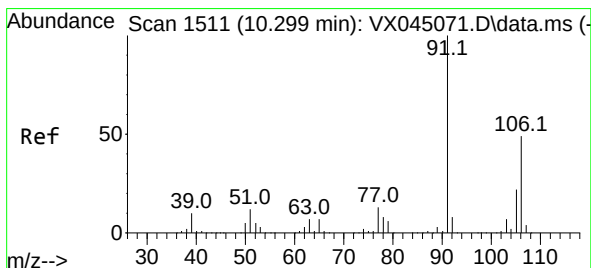
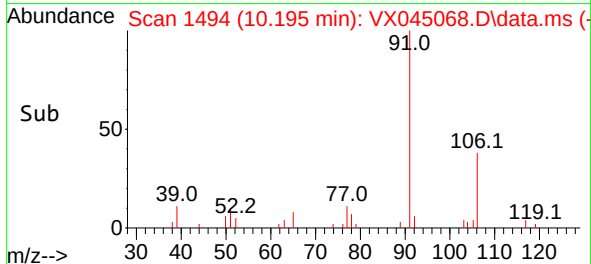
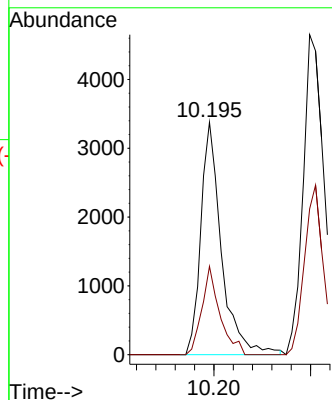
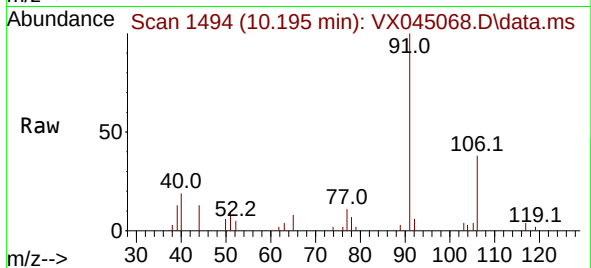
VSTDIC001

Tgt Ion: 91 Resp: 5008

Ion Ratio Lower Upper

91 100

106 38.0 23.9 35.9#



#68

m/p-Xylenes

Concen: 1.630 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX045068.D

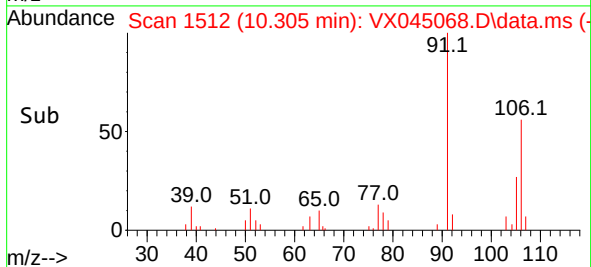
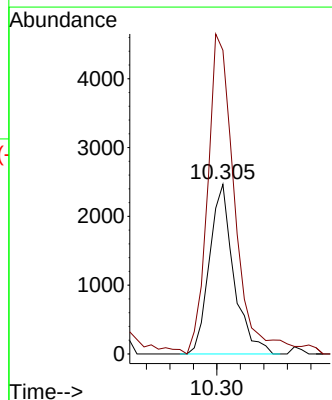
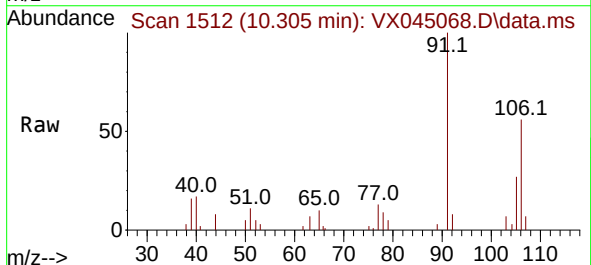
Acq: 28 Feb 2025 01:27

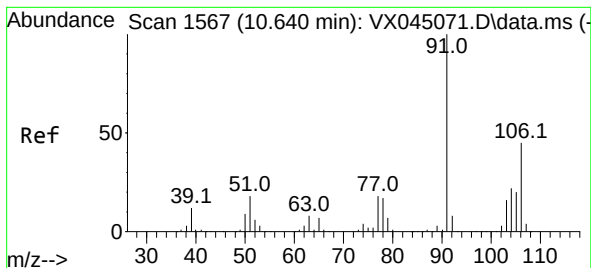
Tgt Ion: 106 Resp: 3552

Ion Ratio Lower Upper

106 100

91 211.2 165.4 248.0





#69

o-Xylene

Concen: 0.891 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

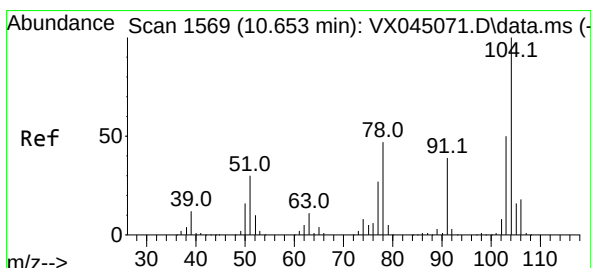
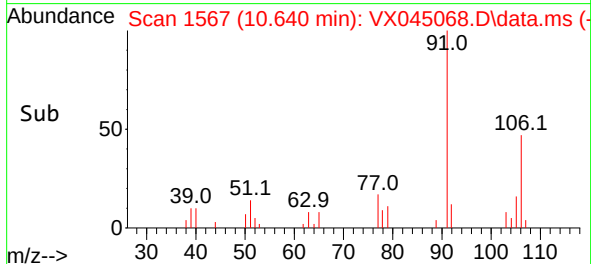
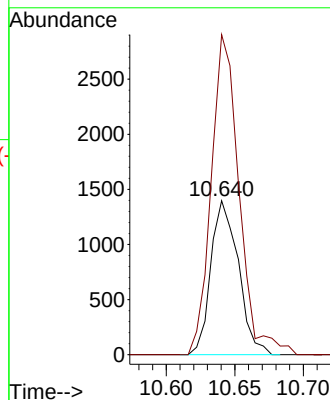
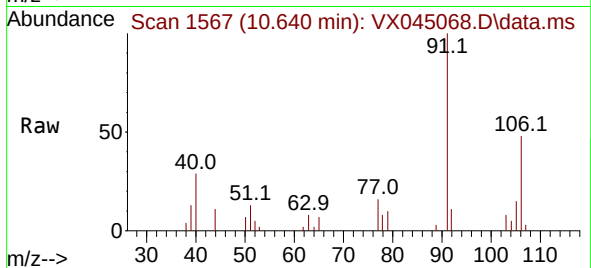
VSTDIC001

Tgt Ion:106 Resp: 1949

Ion Ratio Lower Upper

106 100

91 211.0 109.9 329.6



#70

Styrene

Concen: 0.802 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

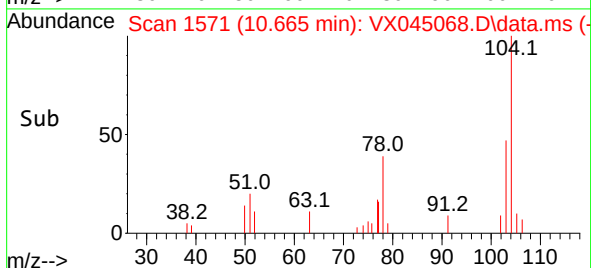
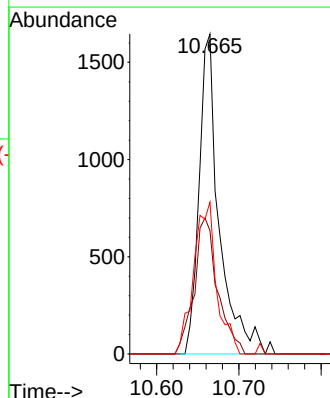
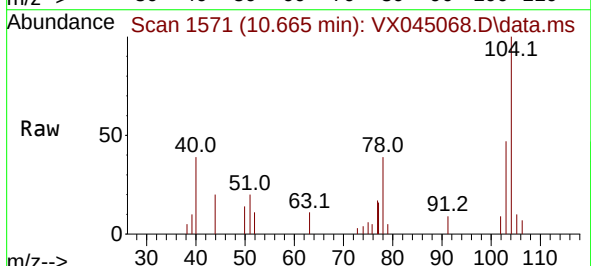
Tgt Ion:104 Resp: 2810

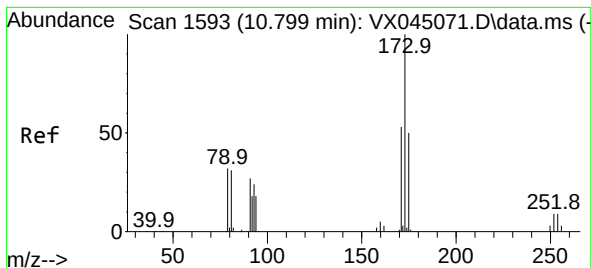
Ion Ratio Lower Upper

104 100

78 49.7 42.2 63.4

103 53.6 43.8 65.8





#71

Bromoform

Concen: 0.768 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045068.D

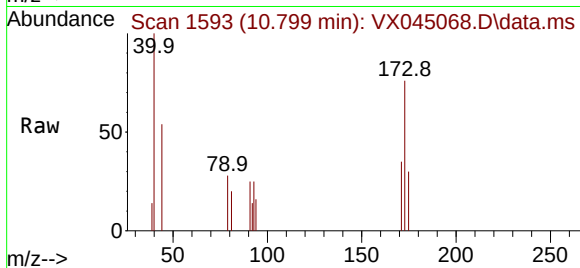
Acq: 28 Feb 2025 01:27

Instrument :

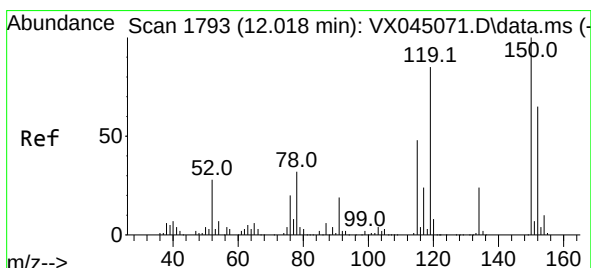
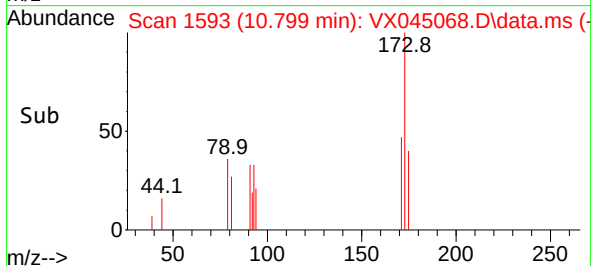
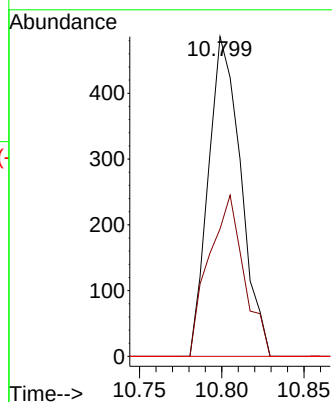
MSVOA_X

ClientSampleId :

VSTDICC001



Tgt Ion:	173	Resp:	667
Ion Ratio	Lower	Upper	
173	100		
175	54.7	24.6	73.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

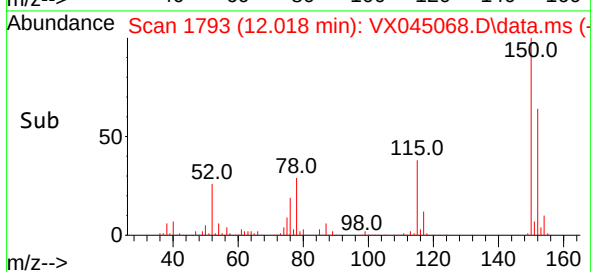
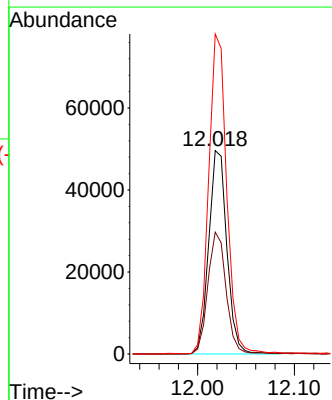
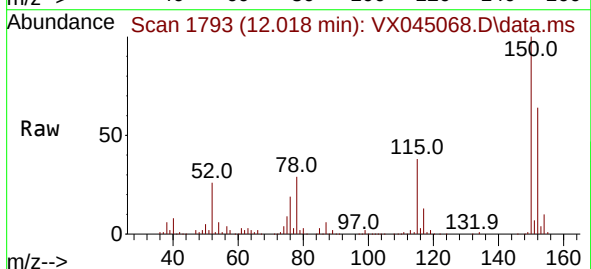
RT: 12.018 min Scan# 1793

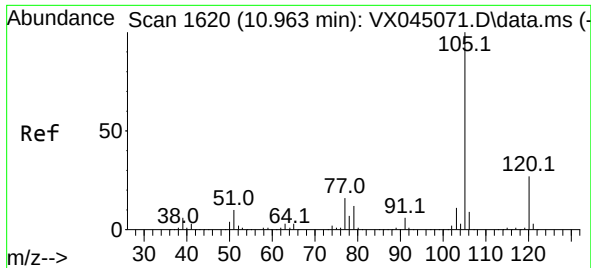
Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:	152	Resp:	64845
Ion Ratio	Lower	Upper	
152	100		
115	60.3	44.2	132.6
150	157.1	0.0	349.0

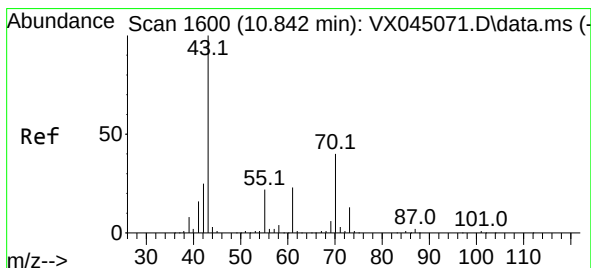
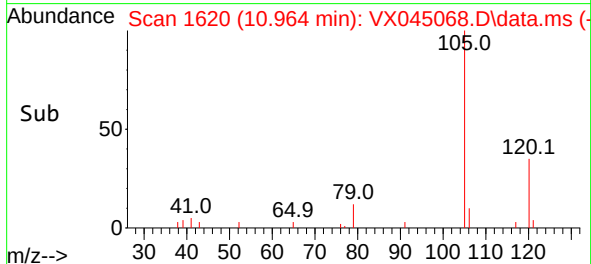
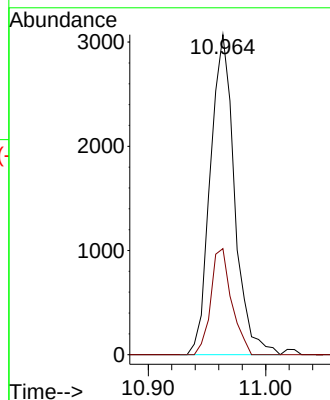
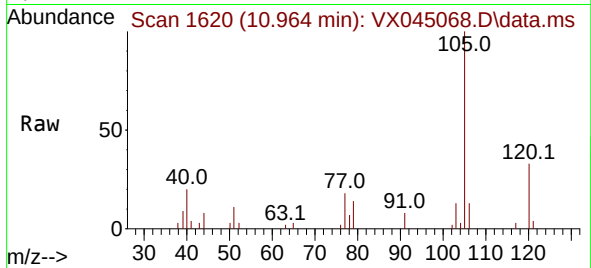




#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 10.964 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

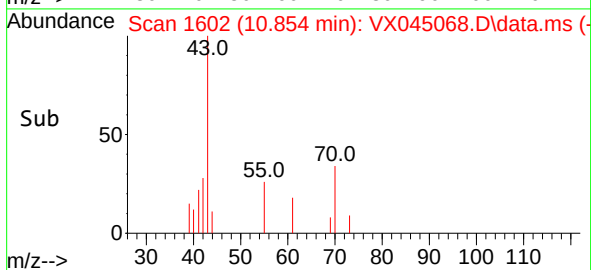
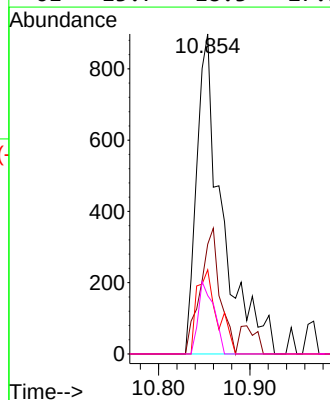
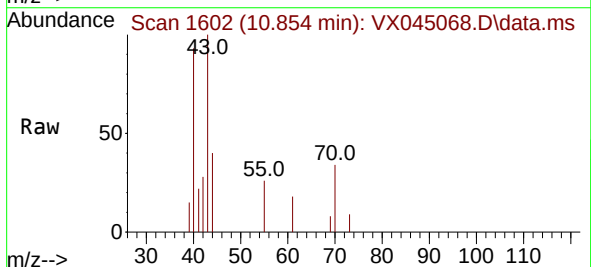
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

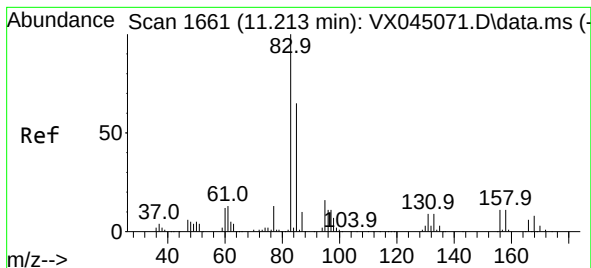
Tgt Ion:105 Resp: 4405
Ion Ratio Lower Upper
105 100
120 28.5 13.2 39.5



#74
N-ethyl acetate
Concen: 0.732 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
70 30.1 31.8 47.6#
55 20.9 18.3 27.5
61 13.7 18.3 27.5#

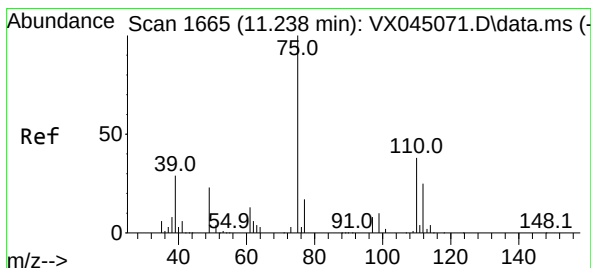
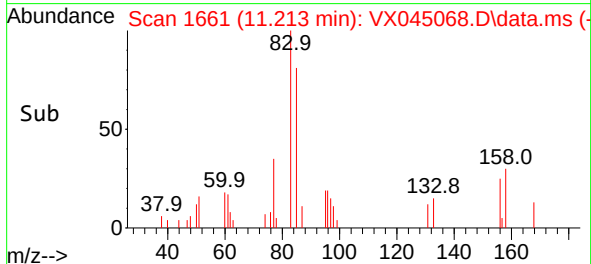
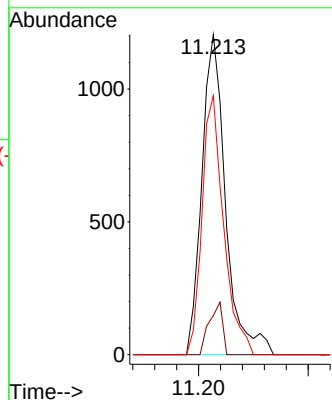
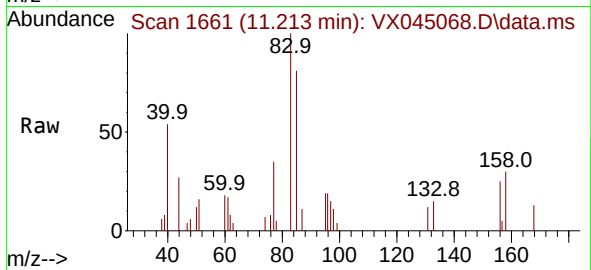




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.954 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

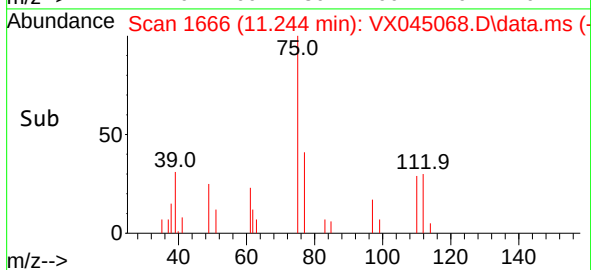
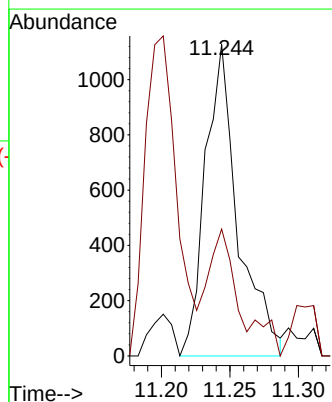
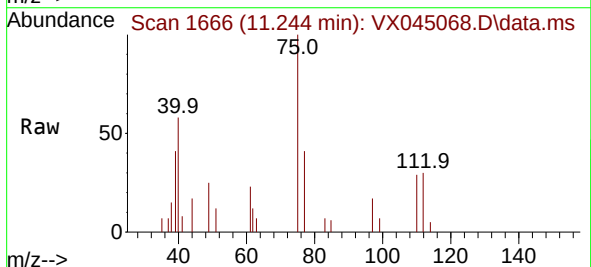
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

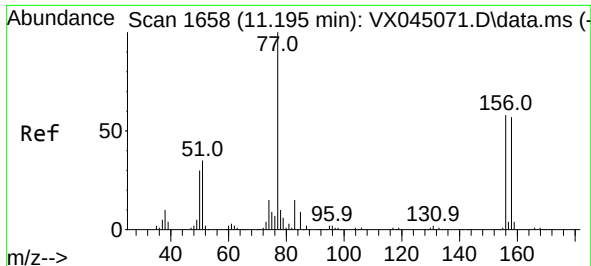
Tgt Ion: 83 Resp: 1809
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.4
 85 73.7 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 1.246 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

Tgt Ion: 75 Resp: 1878
 Ion Ratio Lower Upper
 75 100
 77 32.6 20.7 62.1

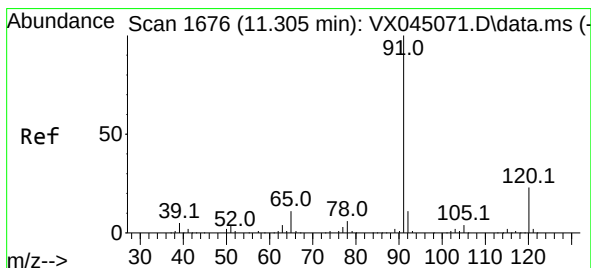
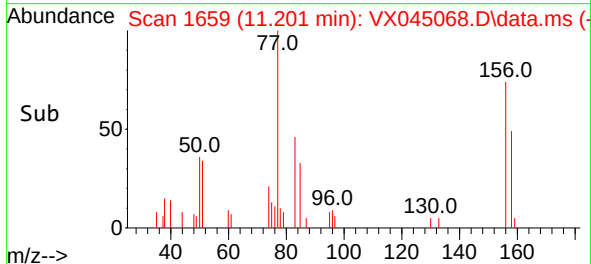
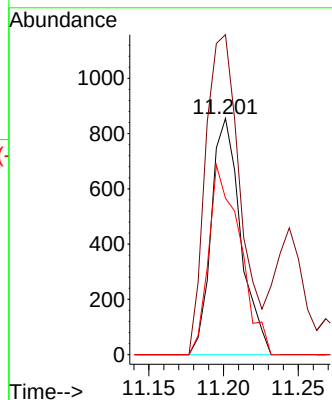
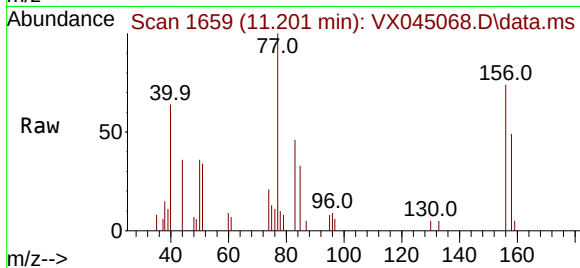




#77
Bromobenzene
Concen: 0.972 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

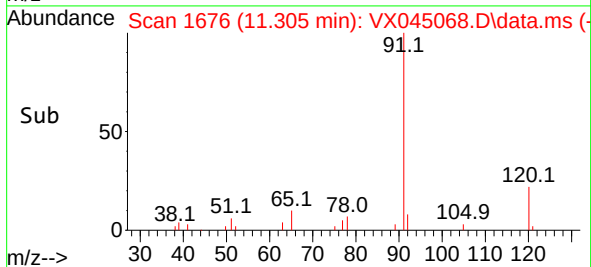
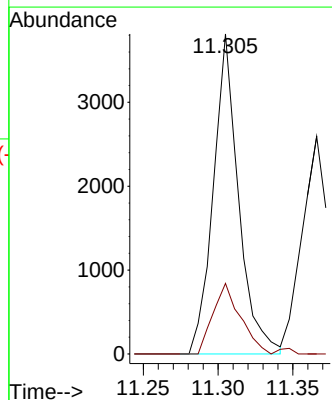
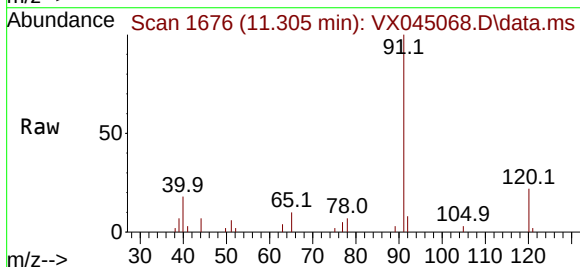
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

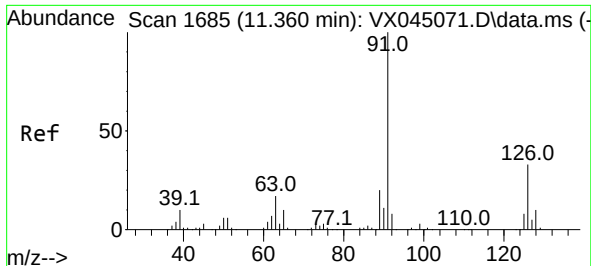
Tgt Ion:156 Resp: 1166
Ion Ratio Lower Upper
156 100
77 159.8 85.8 257.4
158 86.2 48.4 145.2



#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 4475
Ion Ratio Lower Upper
91 100
120 23.9 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.986 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

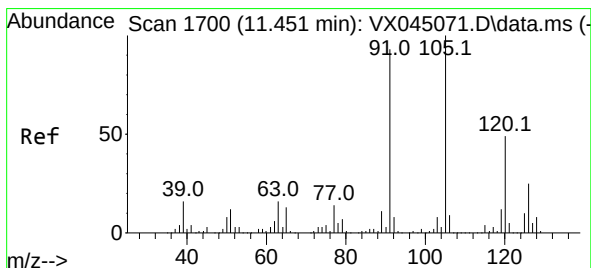
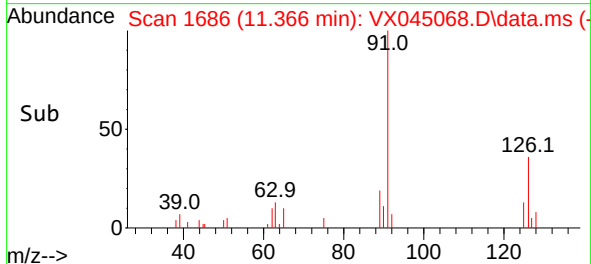
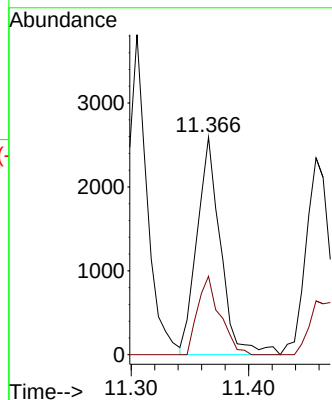
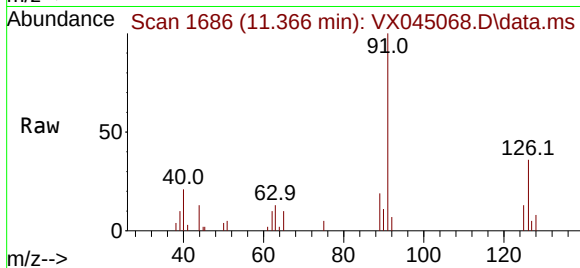
VSTDICC001

Tgt Ion: 91 Resp: 3616

Ion Ratio Lower Upper

91 100

126 34.2 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 0.815 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045068.D

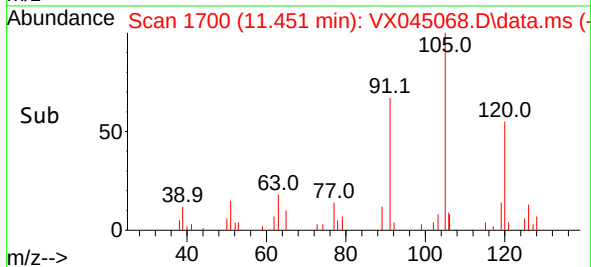
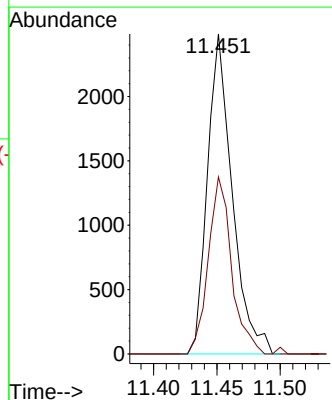
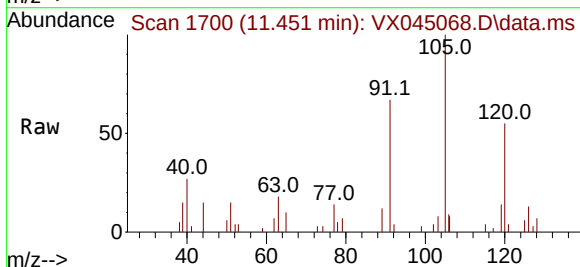
Acq: 28 Feb 2025 01:27

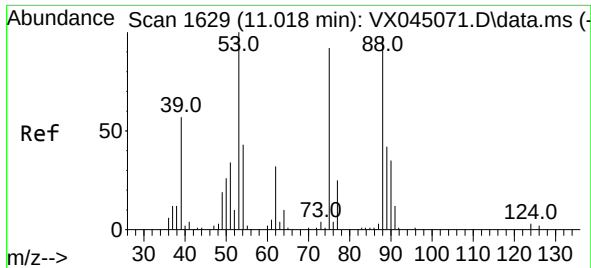
Tgt Ion: 105 Resp: 3386

Ion Ratio Lower Upper

105 100

120 52.2 24.1 72.2

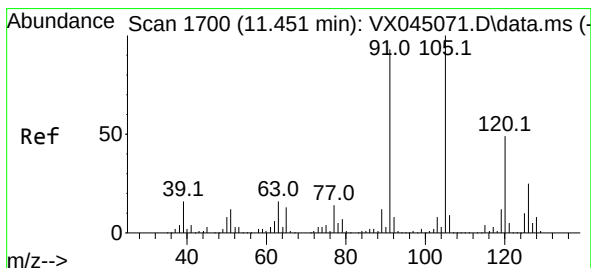
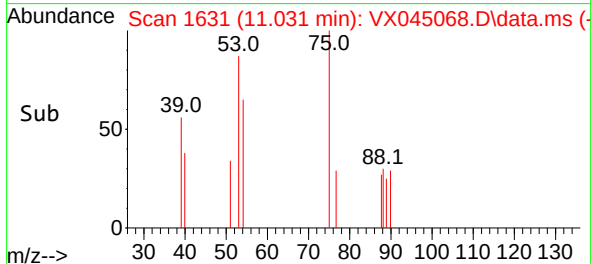
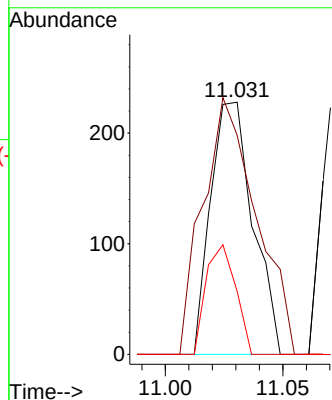
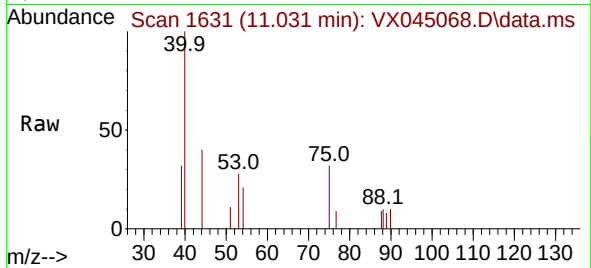




#81
trans-1,4-Dichloro-2-butene
Concen: 0.646 ug/l
RT: 11.031 min Scan# 1631
Delta R.T. 0.012 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

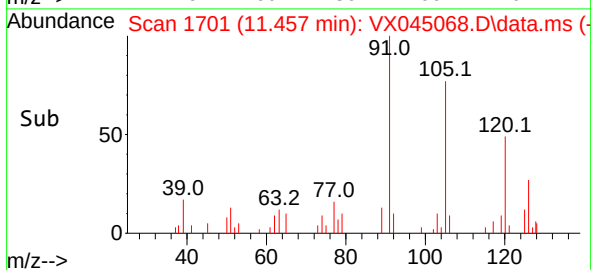
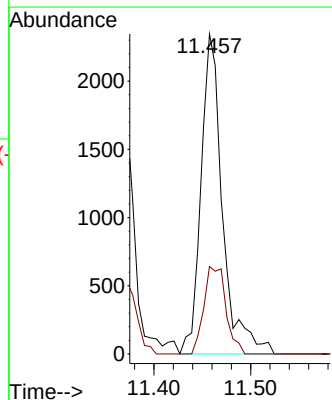
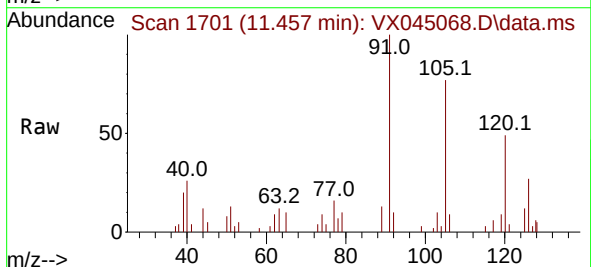
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

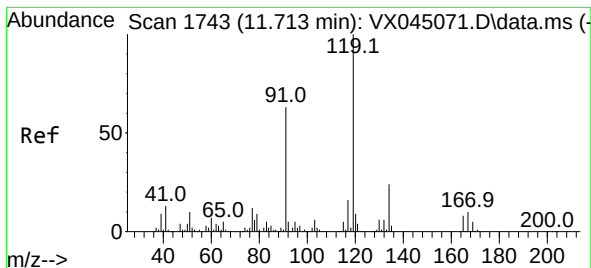
Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
53 128.8 88.5 132.7
89 30.5 36.2 54.4#



#82
4-Chlorotoluene
Concen: 0.904 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045068.D
Acq: 28 Feb 2025 01:27

Tgt Ion: 91 Resp: 3631
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 0.929 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

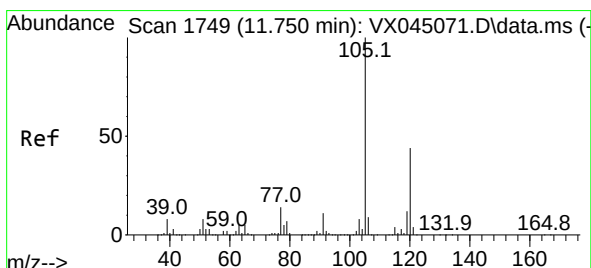
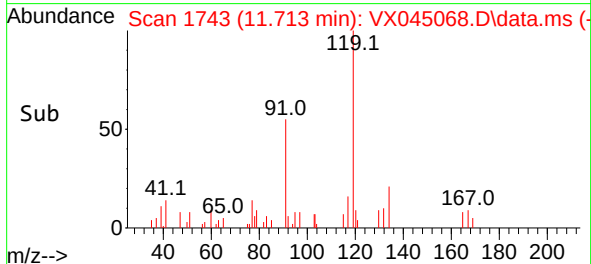
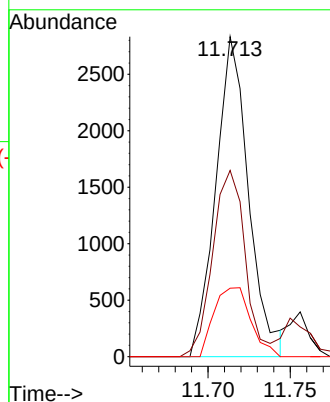
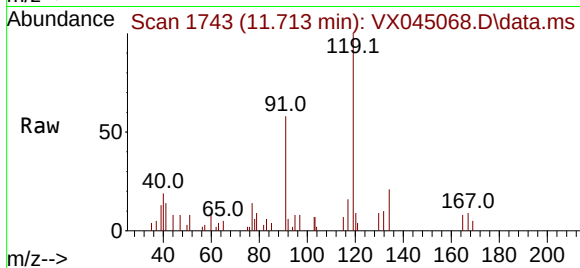
Tgt Ion:119 Resp: 3928

Ion Ratio Lower Upper

119 100

91 57.7 30.7 92.1

134 24.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.827 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX045068.D

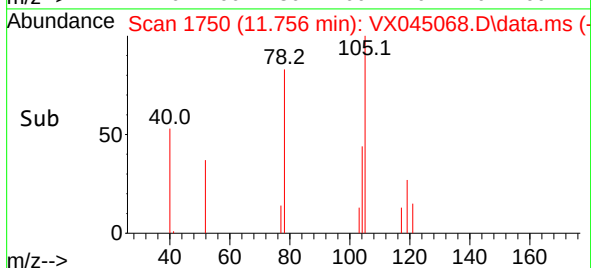
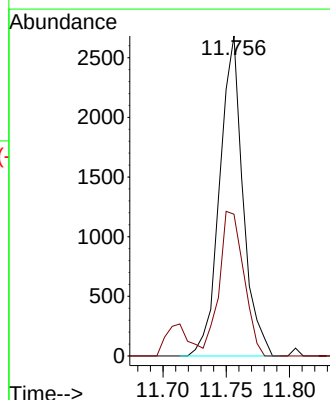
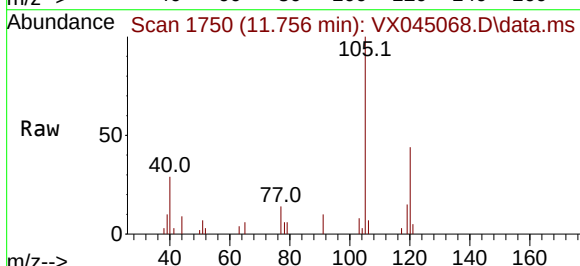
Acq: 28 Feb 2025 01:27

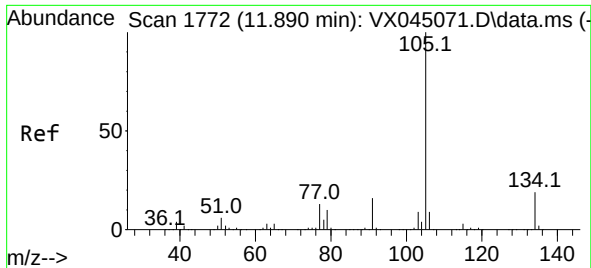
Tgt Ion:105 Resp: 3432

Ion Ratio Lower Upper

105 100

120 47.5 22.1 66.1

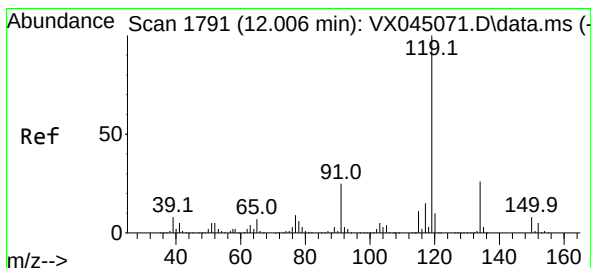
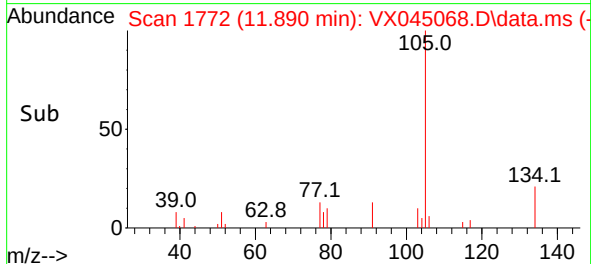
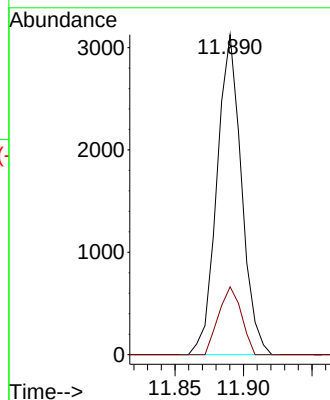
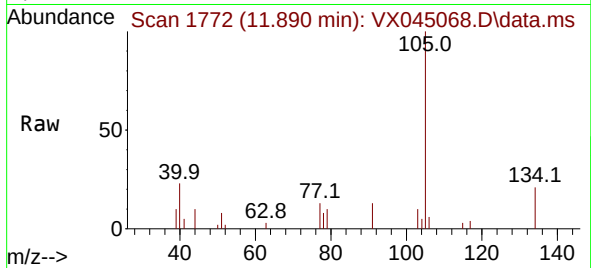




#85
 sec-Butylbenzene
 Concen: 0.752 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

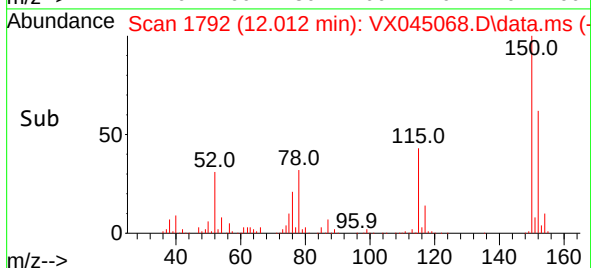
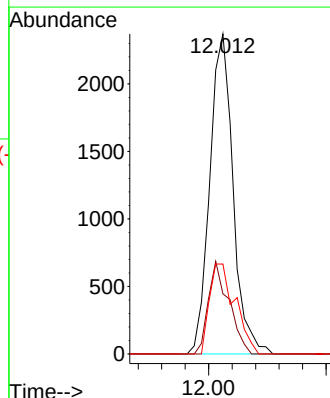
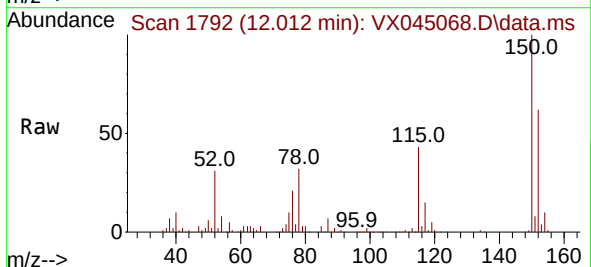
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

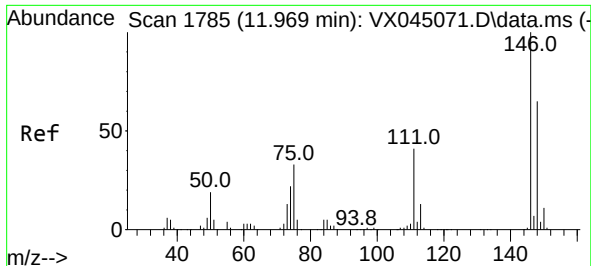
Tgt Ion:105 Resp: 3891
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.797 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX045068.D
 Acq: 28 Feb 2025 01:27

Tgt Ion:119 Resp: 3257
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 30.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 0.913 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

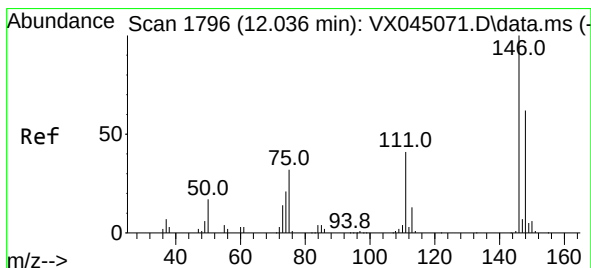
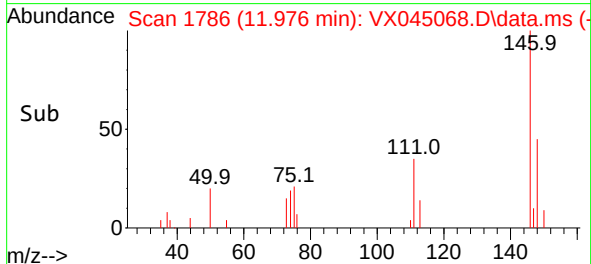
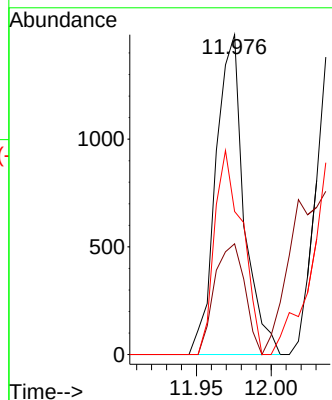
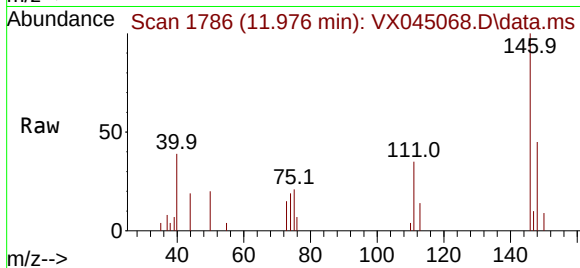
Tgt Ion:146 Resp: 1948

Ion Ratio Lower Upper

146 100

111 37.1 21.1 63.4

148 62.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.900 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

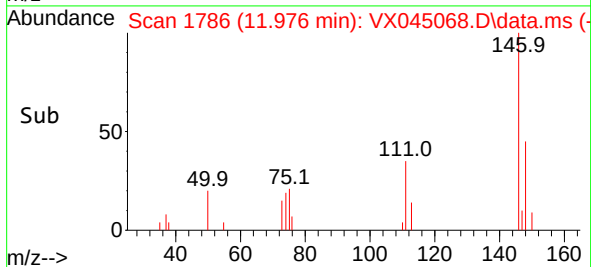
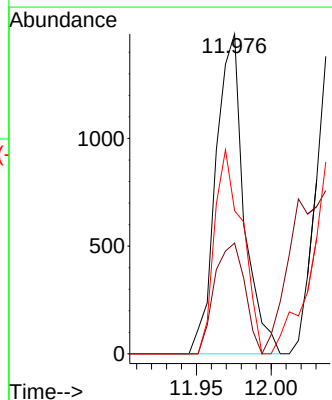
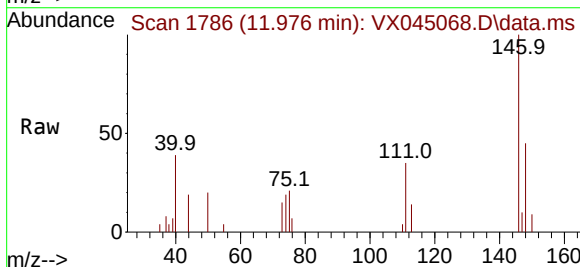
Tgt Ion:146 Resp: 1948

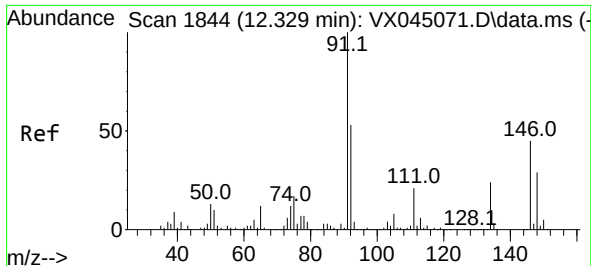
Ion Ratio Lower Upper

146 100

111 37.1 20.2 60.5

148 62.4 31.9 95.9





#89

n-Butylbenzene

Concen: 0.691 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

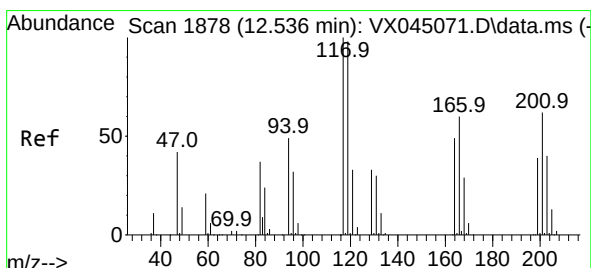
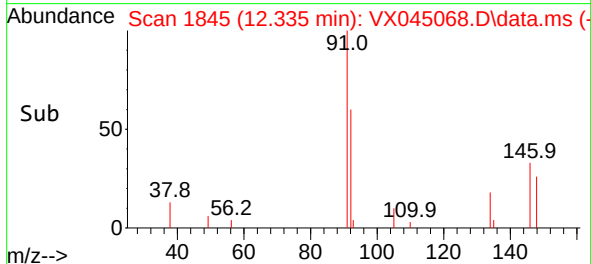
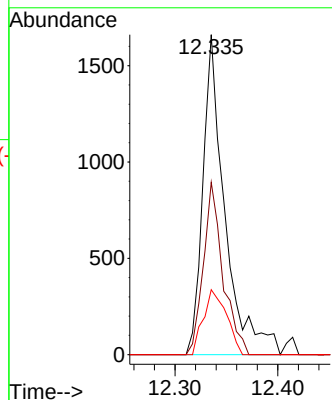
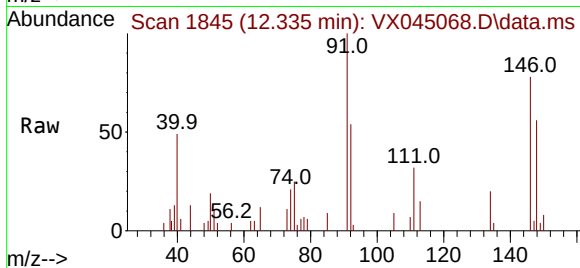
Tgt Ion: 91 Resp: 2470

Ion Ratio Lower Upper

91 100

92 48.0 26.7 80.0

134 21.4 12.2 36.6



#90

Hexachloroethane

Concen: 0.805 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045068.D

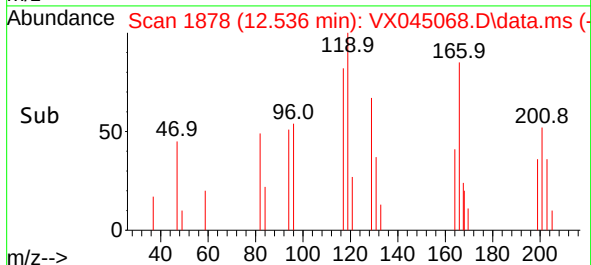
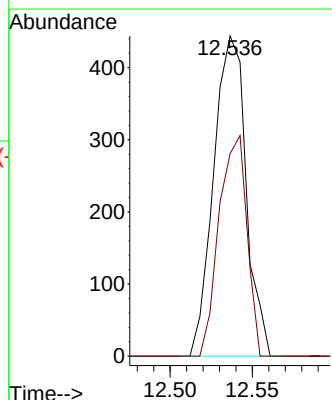
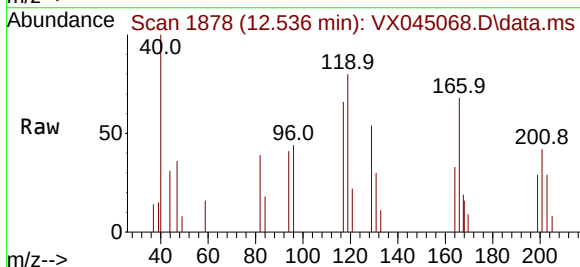
Acq: 28 Feb 2025 01:27

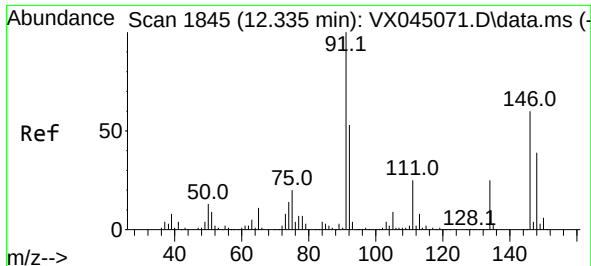
Tgt Ion: 117 Resp: 609

Ion Ratio Lower Upper

117 100

201 58.9 31.9 95.9





#91

1,2-Dichlorobenzene

Concen: 0.890 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

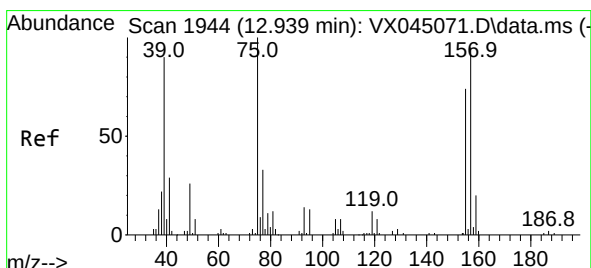
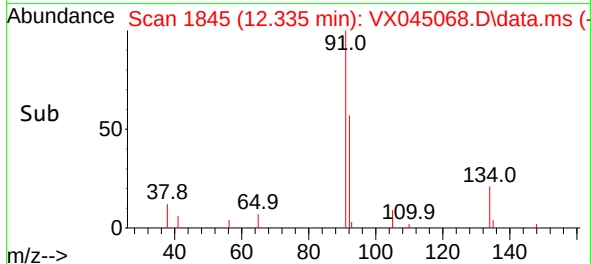
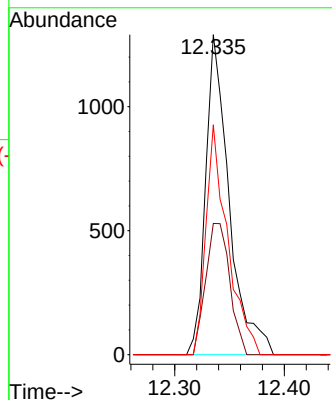
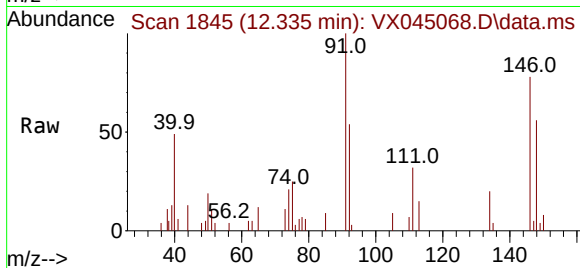
Tgt Ion:146 Resp: 1918

Ion Ratio Lower Upper

146 100

111 42.0 21.6 65.0

148 66.1 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.859 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

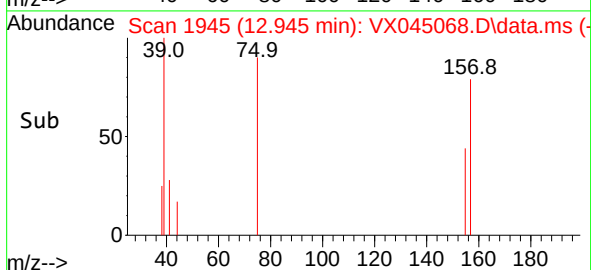
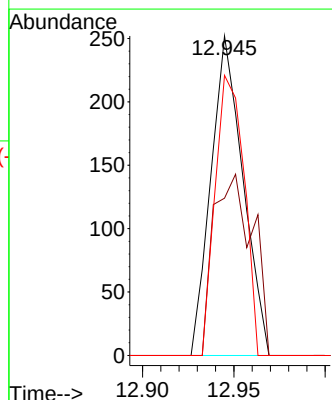
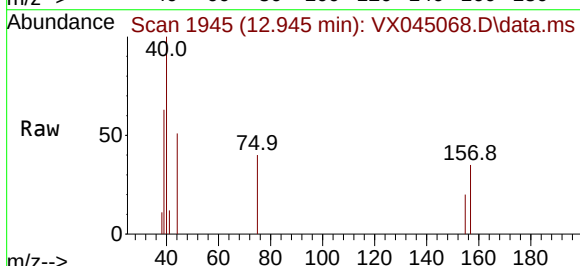
Tgt Ion: 75 Resp: 308

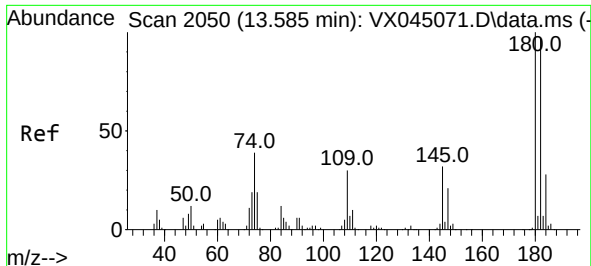
Ion Ratio Lower Upper

75 100

155 69.2 39.6 118.7

157 78.6 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 0.706 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

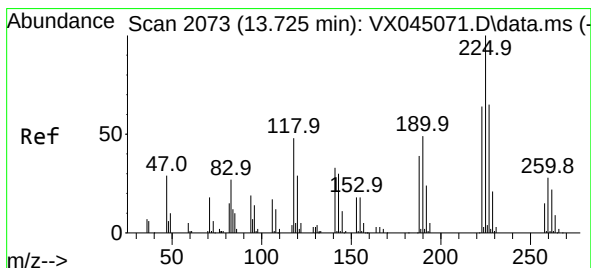
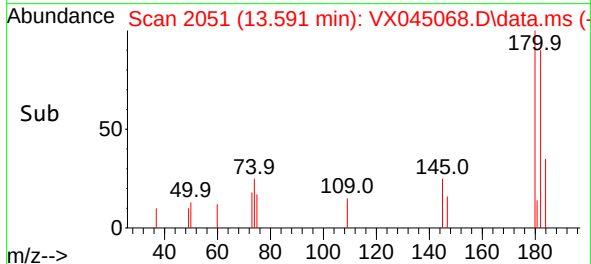
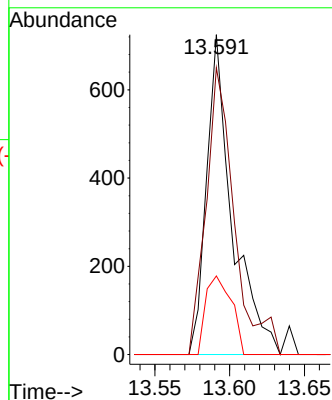
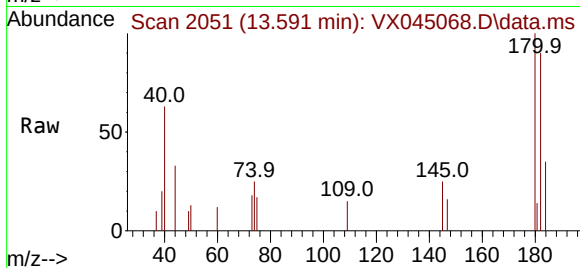
Tgt Ion:180 Resp: 866

Ion Ratio Lower Upper

180 100

182 98.7 47.3 141.9

145 24.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 0.917 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

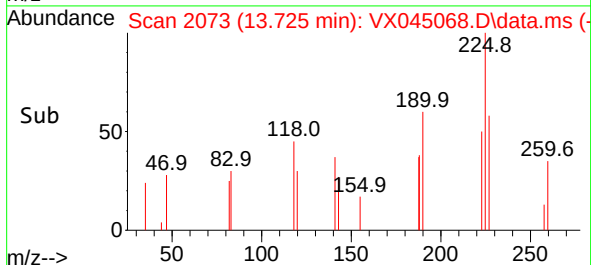
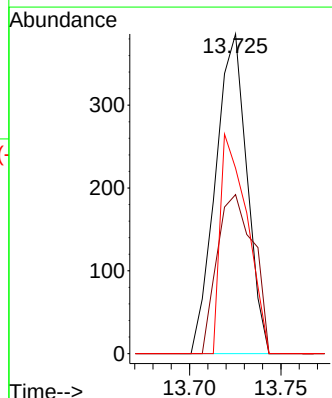
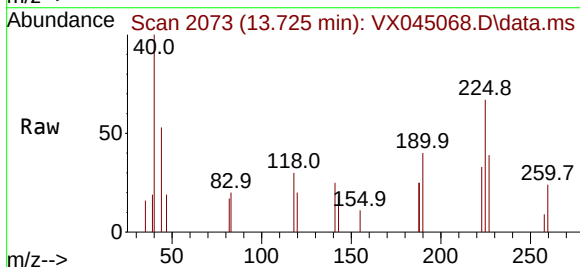
Tgt Ion:225 Resp: 462

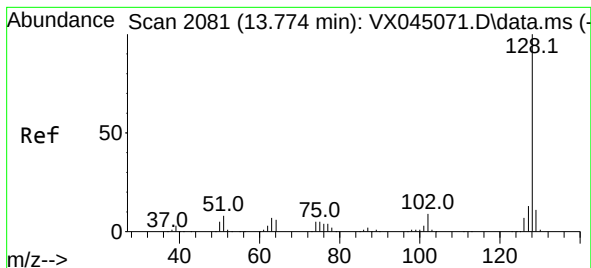
Ion Ratio Lower Upper

225 100

223 57.8 31.9 95.7

227 58.7 31.4 94.0





#95

Naphthalene

Concen: 0.707 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

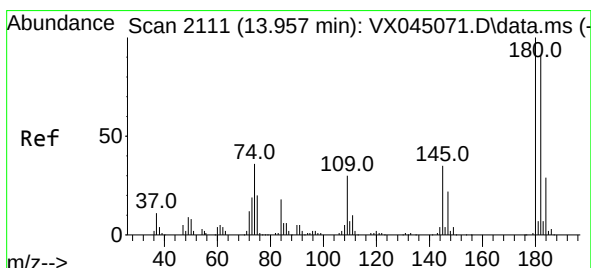
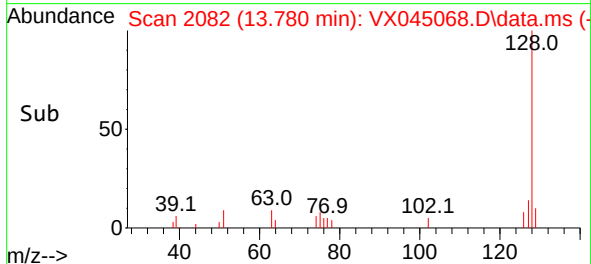
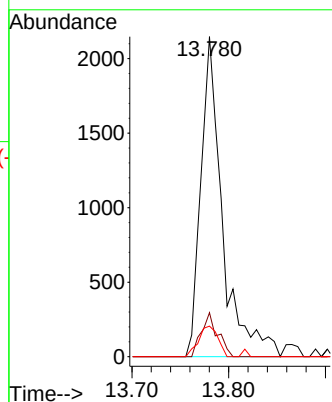
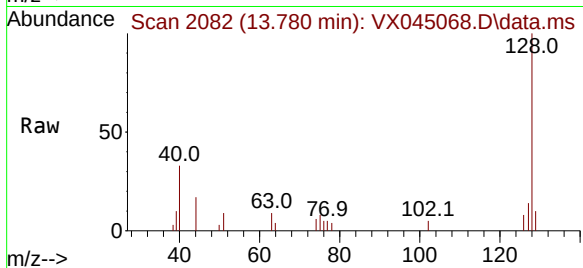
Tgt Ion:128 Resp: 3337

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

129 8.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.759 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045068.D

Acq: 28 Feb 2025 01:27

Tgt Ion:180 Resp: 969

Ion Ratio Lower Upper

180 100

182 102.3 47.5 142.6

145 29.8 17.0 50.9

