

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046047.D
 Acq On : 05 May 2025 16:27
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 06 06:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	2188	0.799	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	1.600%#
35) Dibromofluoromethane	5.391	113	1350	0.721	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.440%#
50) Toluene-d8	8.647	98	3964	0.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.260%#
62) 4-Bromofluorobenzene	11.085	95	1250	0.545	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1211	0.596	ug/l	98
3) Chloromethane	1.307	50	1278	0.639	ug/l	97
4) Vinyl Chloride	1.374	62	1239	0.707	ug/l #	82
5) Bromomethane	1.593	94	770	0.866	ug/l	88
6) Chloroethane	1.678	64	859	0.951	ug/l	91
7) Trichlorofluoromethane	1.880	101	1959	0.734	ug/l	95
8) Diethyl Ether	2.130	74	742	0.845	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	1166	0.731	ug/l	96
10) Methyl Iodide	2.441	142	1297	0.692	ug/l #	87
11) Tert butyl alcohol	2.965	59	1176	3.604	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	1093	0.704	ug/l #	87
13) Acrolein	2.233	56	1374	3.625	ug/l	83
14) Allyl chloride	2.654	41	1936	0.660	ug/l	89
15) Acrylonitrile	3.075	53	3343	3.424	ug/l	98
16) Acetone	2.380	43	3500	3.736	ug/l	97
17) Carbon Disulfide	2.508	76	2619	0.728	ug/l	98
18) Methyl Acetate	2.709	43	1852	0.828	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3588	0.662	ug/l	96
20) Methylene Chloride	2.782	84	1571	0.828	ug/l #	90
21) trans-1,2-Dichloroethene	3.081	96	1111	0.701	ug/l #	71
22) Diisopropyl ether	3.757	45	3857	0.703	ug/l #	26
23) Vinyl Acetate	3.727	43	15283	3.154	ug/l	96
24) 1,1-Dichloroethane	3.605	63	2054	0.637	ug/l	97
25) 2-Butanone	4.593	43	4558	3.371	ug/l	92
26) 2,2-Dichloropropane	4.458	77	1777	0.728	ug/l	84
27) cis-1,2-Dichloroethene	4.483	96	1324	0.693	ug/l	91
28) Bromochloromethane	4.910	49	682	0.398	ug/l #	63
29) Tetrahydrofuran	5.019	42	2931	3.338	ug/l	99
30) Chloroform	5.093	83	2328	0.695	ug/l	98
31) Cyclohexane	5.458	56	2072	0.763	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	1869	0.647	ug/l #	51
36) 1,1-Dichloropropene	5.684	75	1648	0.758	ug/l #	83
37) Ethyl Acetate	4.733	43	1447	0.531	ug/l #	72
38) Carbon Tetrachloride	5.678	117	1807	0.724	ug/l #	78
39) Methylcyclohexane	7.373	83	2096	0.770	ug/l	97
40) Benzene	6.044	78	4502	0.668	ug/l #	89

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	778	0.513	ug/l #	56
42) 1,2-Dichloroethane	6.092	62	1934	0.694	ug/l	81
43) Isopropyl Acetate	6.354	43	2553	0.612	ug/l #	81
44) Trichloroethene	7.135	130	1083	0.680	ug/l	85
45) 1,2-Dichloropropane	7.440	63	1059	0.633	ug/l	89
46) Dibromomethane	7.586	93	880	0.667	ug/l	97
47) Bromodichloromethane	7.818	83	1620	0.633	ug/l #	91
48) Methyl methacrylate	7.714	41	1033	0.483	ug/l #	71
49) 1,4-Dioxane	7.677	88	498	11.703	ug/l #	66
51) 4-Methyl-2-Pentanone	8.580	43	9378	3.430	ug/l	97
52) Toluene	8.720	92	2684	0.672	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1238	0.576	ug/l #	79
54) cis-1,3-Dichloropropene	8.379	75	1414	0.564	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1029	0.637	ug/l	92
56) Ethyl methacrylate	9.128	69	1260	0.504	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	2036	0.711	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	3846	3.420	ug/l	94
59) 2-Hexanone	9.439	43	6424	3.096	ug/l	88
60) Dibromochloromethane	9.525	129	1023	0.582	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1077	0.650	ug/l	98
64) Tetrachloroethene	9.275	164	972	0.679	ug/l	95
65) Chlorobenzene	10.079	112	3170	0.735	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	1035	0.720	ug/l #	67
67) Ethyl Benzene	10.195	91	5052	0.687	ug/l	94
68) m/p-Xylenes	10.299	106	3630	1.367	ug/l	97
69) o-Xylene	10.640	106	1799	0.672	ug/l	94
70) Styrene	10.659	104	2664	0.622	ug/l	98
71) Bromoform	10.799	173	657	0.608	ug/l #	100
73) Isopropylbenzene	10.963	105	4480	0.695	ug/l	96
74) N-amyl acetate	10.854	43	2028	0.631	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	1835	0.800	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1858	0.754	ug/l	77
77) Bromobenzene	11.201	156	1095	0.734	ug/l	96
78) n-propylbenzene	11.305	91	5052	0.699	ug/l	97
79) 2-Chlorotoluene	11.360	91	3765	0.773	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	3590	0.671	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	252	0.425	ug/l #	71
82) 4-Chlorotoluene	11.457	91	3815	0.713	ug/l	97
83) tert-Butylbenzene	11.713	119	3951	0.751	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3725	0.697	ug/l	97
85) sec-Butylbenzene	11.890	105	4385	0.672	ug/l	100
86) p-Isopropyltoluene	12.006	119	3577	0.679	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	1914	0.689	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	1914	0.703	ug/l	98
89) n-Butylbenzene	12.335	91	2889	0.631	ug/l	92
90) Hexachloroethane	12.536	117	604	0.616	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	2022	0.747	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	306	0.586	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	1019	0.688	ug/l	94
94) Hexachlorobutadiene	13.725	225	465	0.671	ug/l	89
95) Naphthalene	13.780	128	4138	0.767	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.716	ug/l	96

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ClientSampleId :
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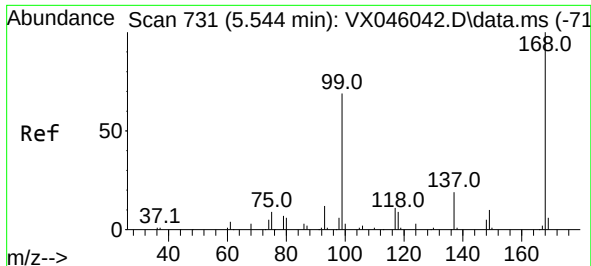
Quant Time: May 06 06:13:30 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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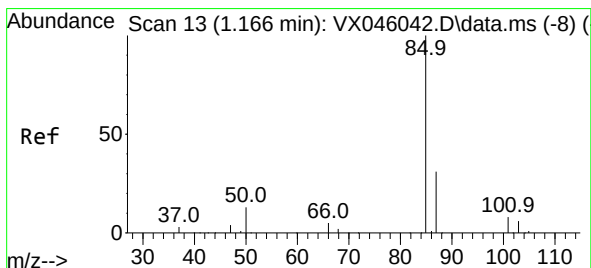
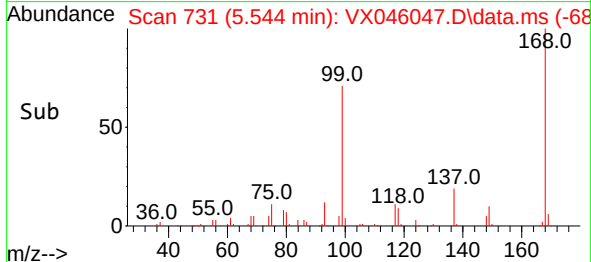
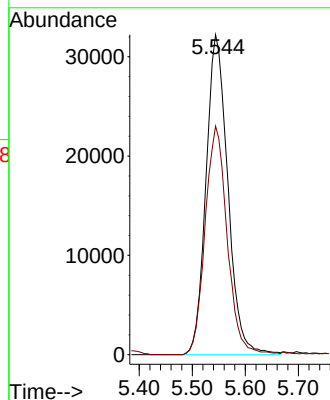
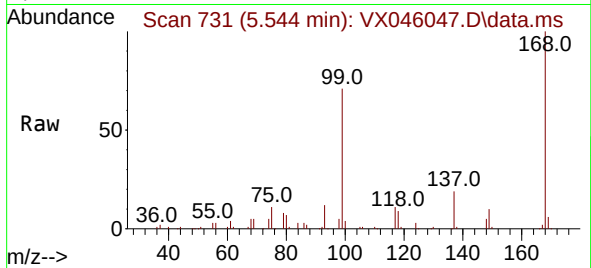




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

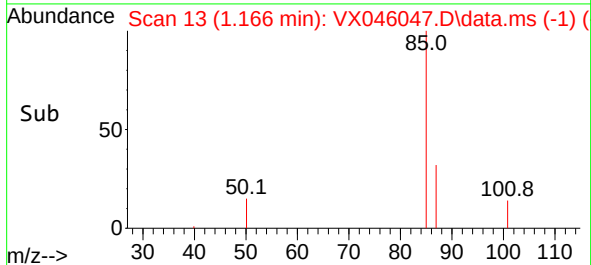
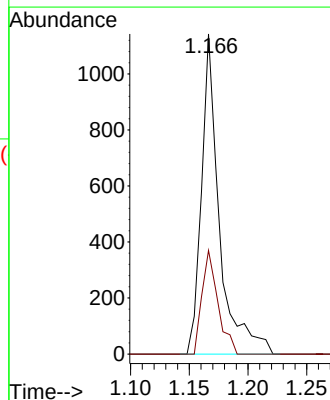
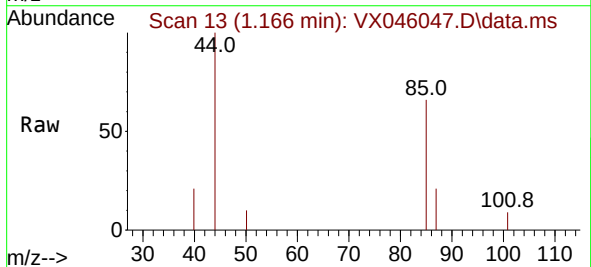
Instrument :
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VSTDIC001

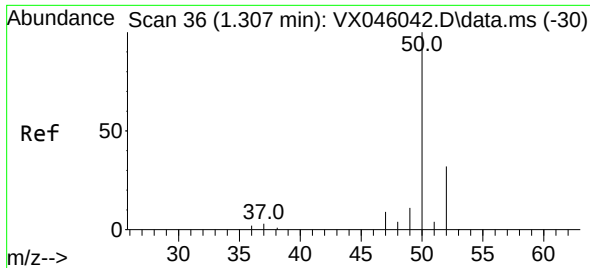
Tgt Ion:168 Resp: 92040
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 85 Resp: 1211
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1

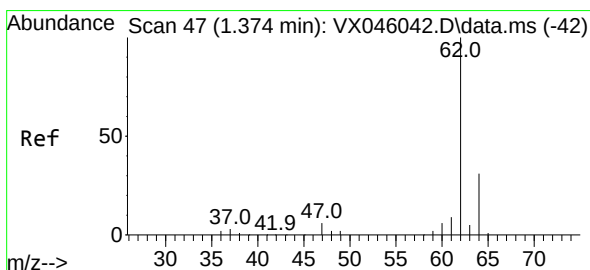
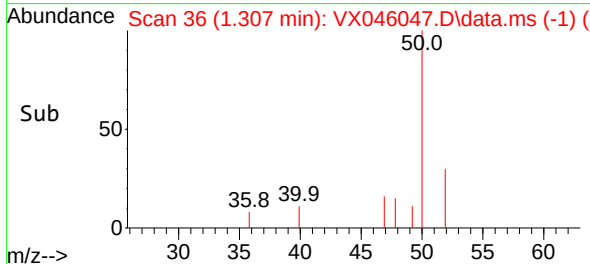
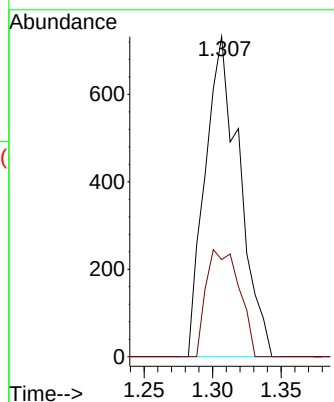
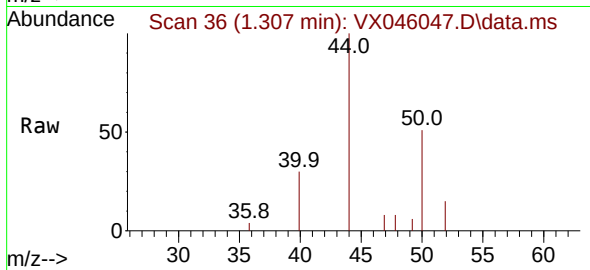




#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

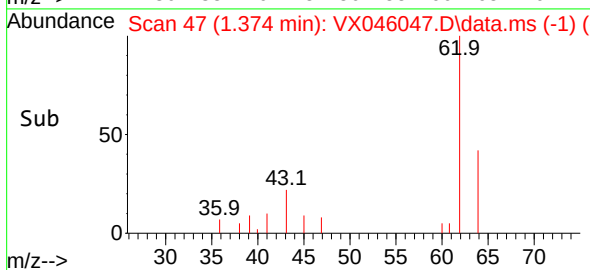
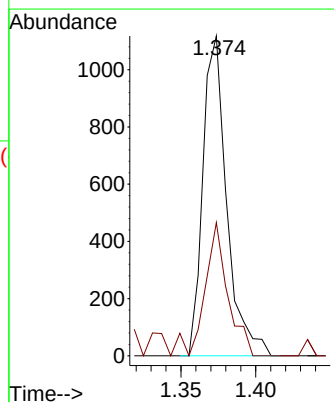
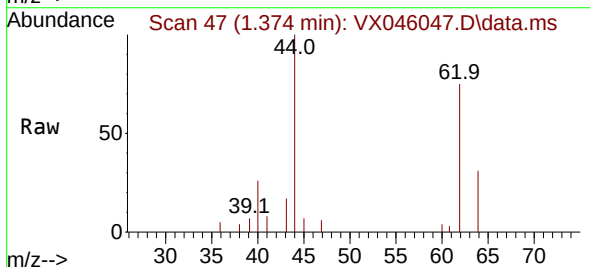
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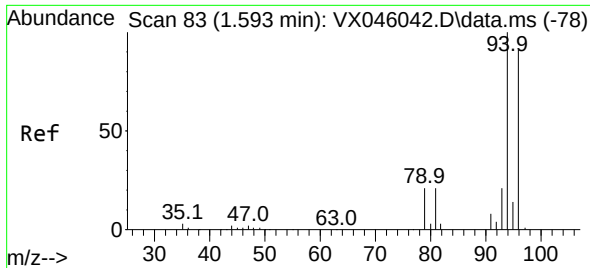
Tgt Ion: 50 Resp: 1278
Ion Ratio Lower Upper
50 100
52 30.3 25.4 38.2



#4
Vinyl Chloride
Concen: 0.707 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 62 Resp: 1239
Ion Ratio Lower Upper
62 100
64 41.7 25.2 37.8#

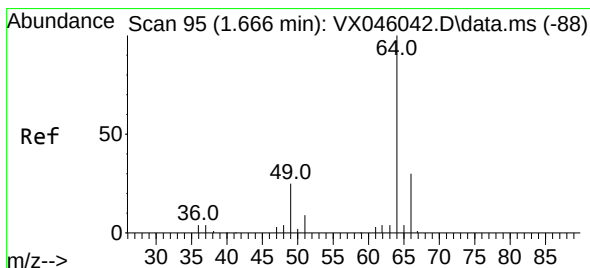
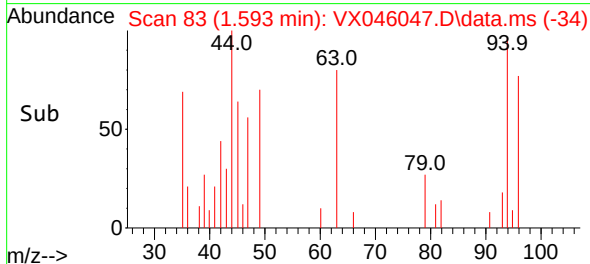
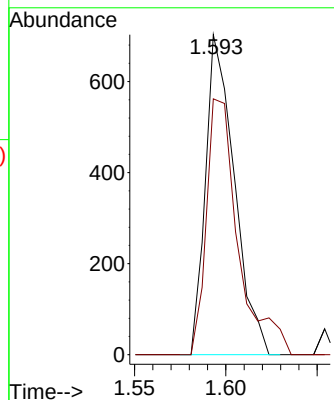
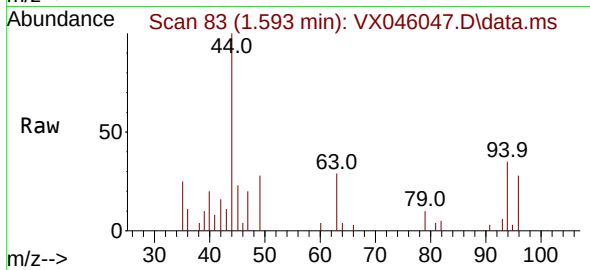




#5
 Bromomethane
 Concen: 0.866 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

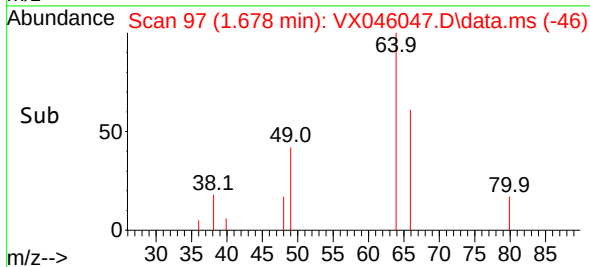
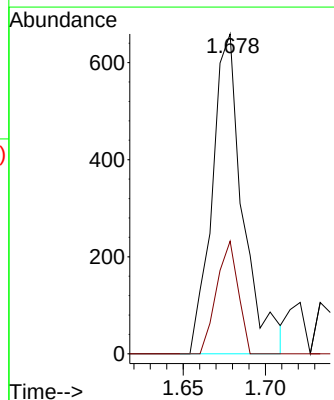
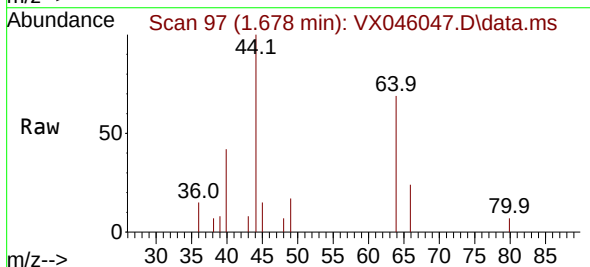
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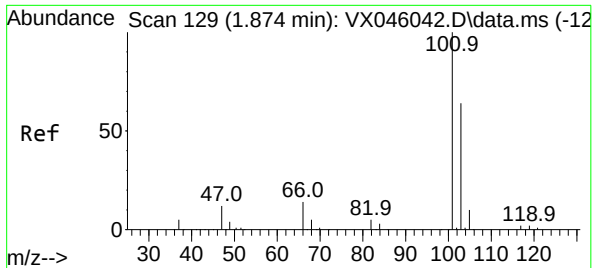
Tgt Ion: 94 Resp: 770
 Ion Ratio Lower Upper
 94 100
 96 79.9 72.8 109.2



#6
 Chloroethane
 Concen: 0.951 ug/l
 RT: 1.678 min Scan# 97
 Delta R.T. 0.012 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 64 Resp: 859
 Ion Ratio Lower Upper
 64 100
 66 35.2 24.3 36.5

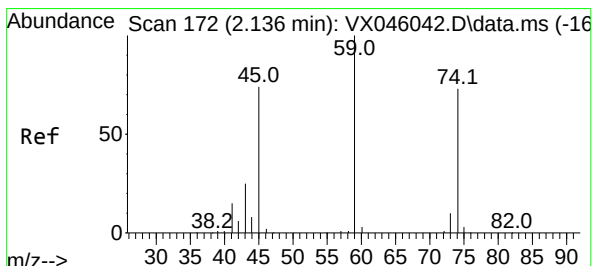
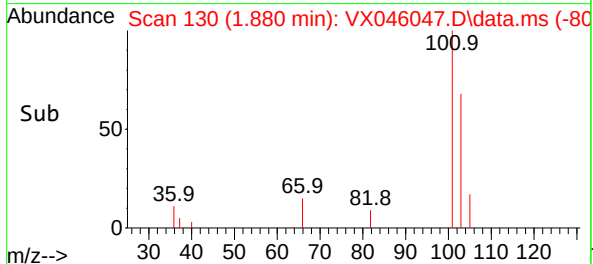
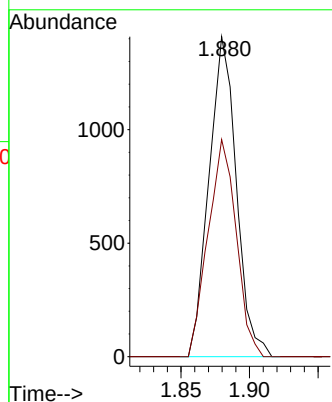
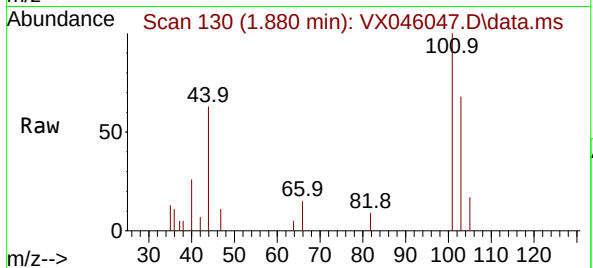




#7
 Trichlorofluoromethane
 Concen: 0.734 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

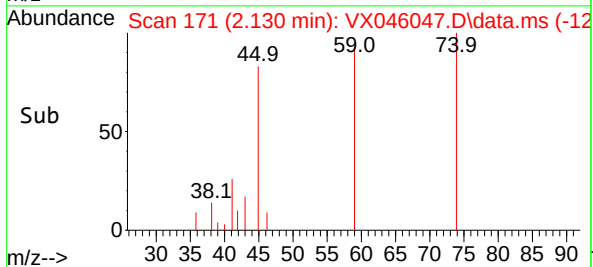
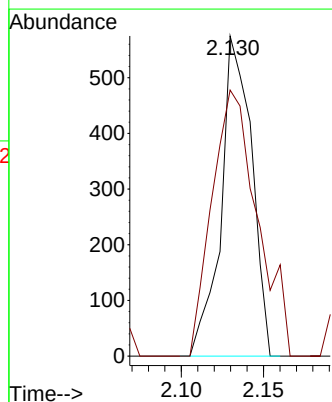
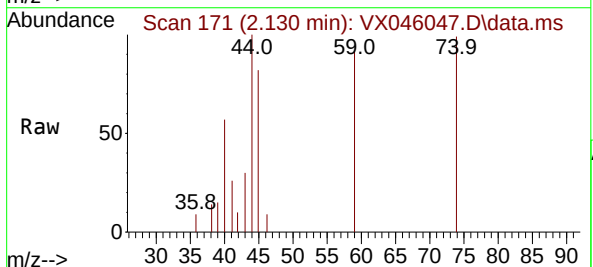
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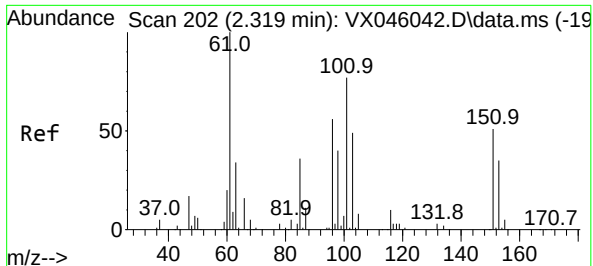
Tgt Ion:101 Resp: 1959
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.0 76.4



#8
 Diethyl Ether
 Concen: 0.845 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 74 Resp: 742
 Ion Ratio Lower Upper
 74 100
 45 123.6 54.9 164.8

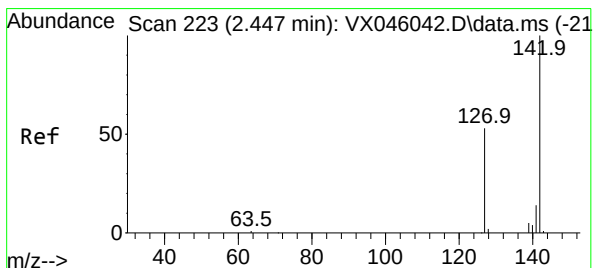
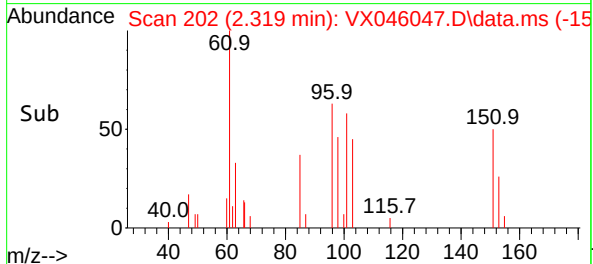
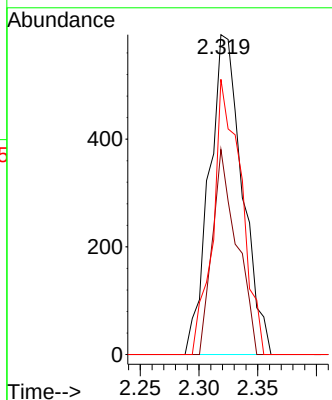
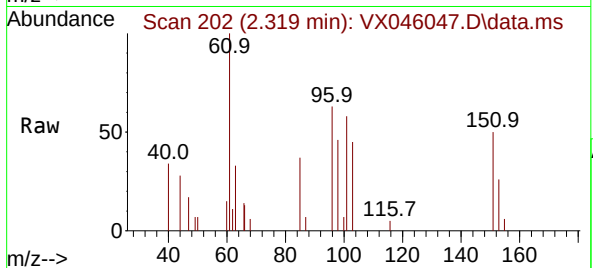




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.731 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046047.D
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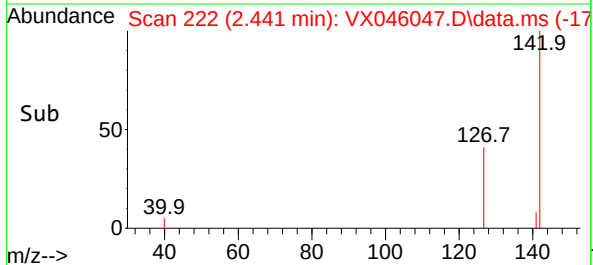
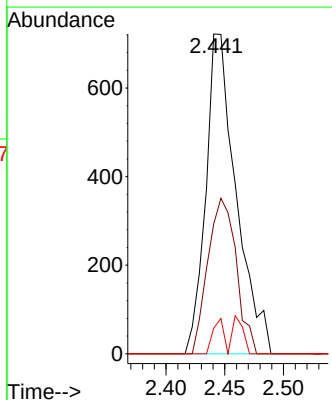
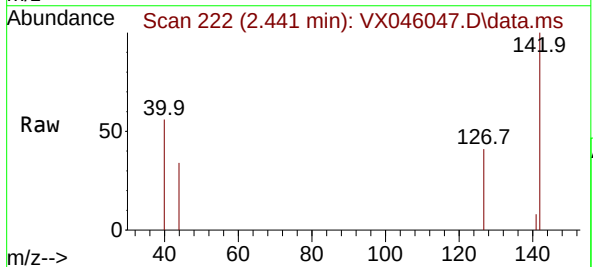
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

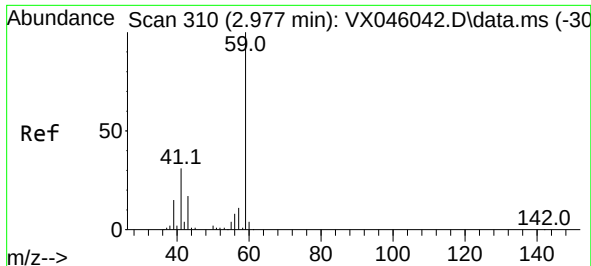
Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 47.3 38.6 58.0
151 73.1 55.2 82.8



#10
Methyl Iodide
Concen: 0.692 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:142 Resp: 1297
Ion Ratio Lower Upper
142 100
127 45.5 41.7 62.5
141 3.9 11.5 17.3#

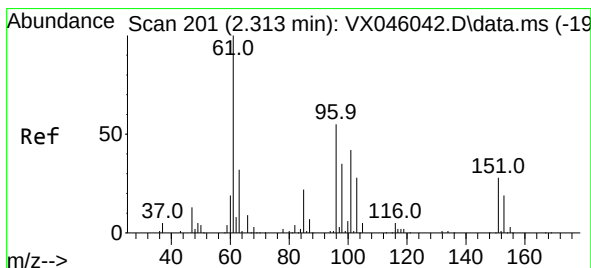
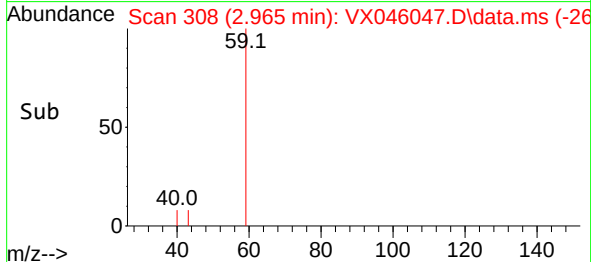
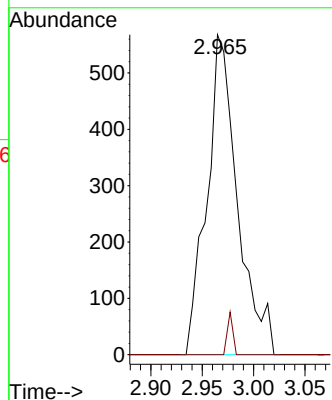
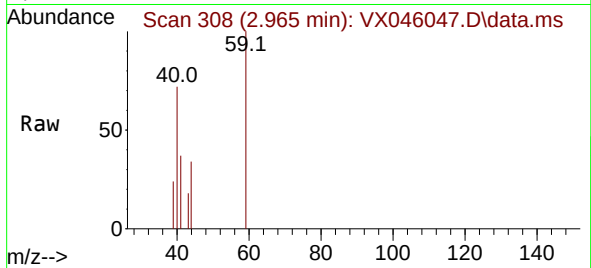




#11
Tert butyl alcohol
Concen: 3.604 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

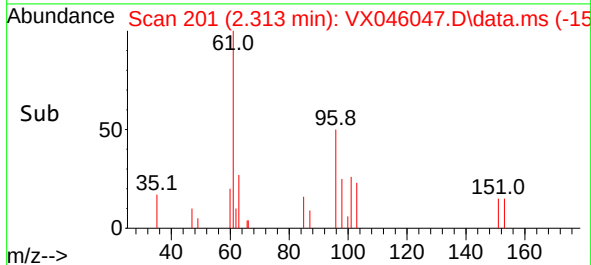
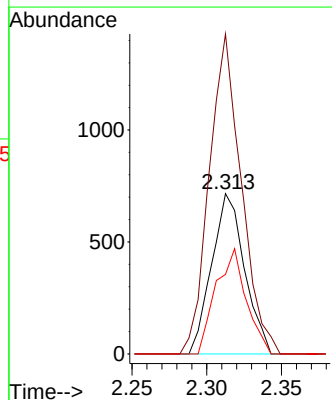
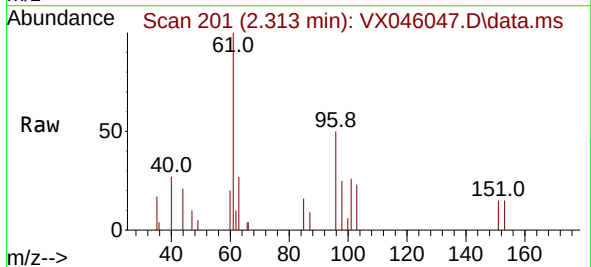
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

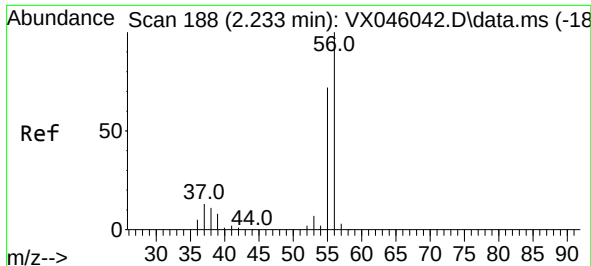
Tgt Ion: 59 Resp: 1176
Ion Ratio Lower Upper
59 100
57 2.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 96 Resp: 1093
Ion Ratio Lower Upper
96 100
61 199.6 146.2 219.2
98 49.6 51.0 76.6#

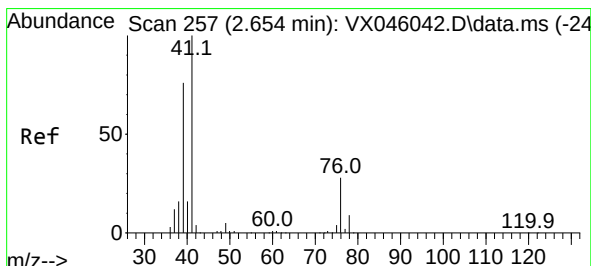
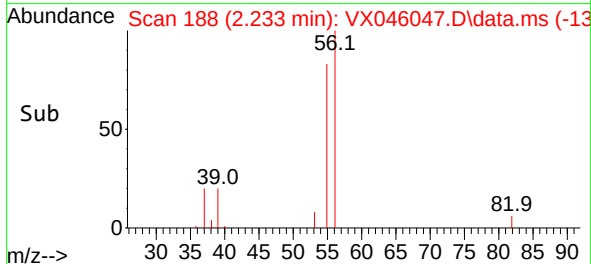
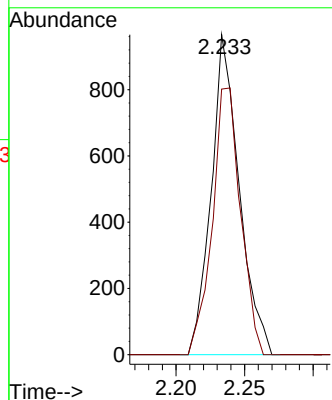
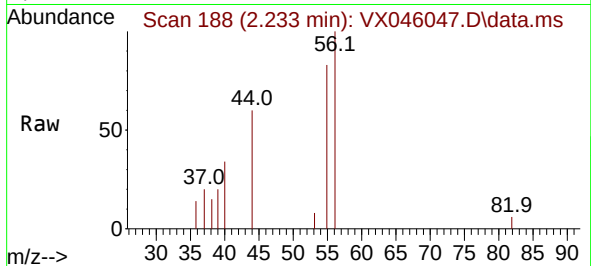




#13
Acrolein
Concen: 3.625 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

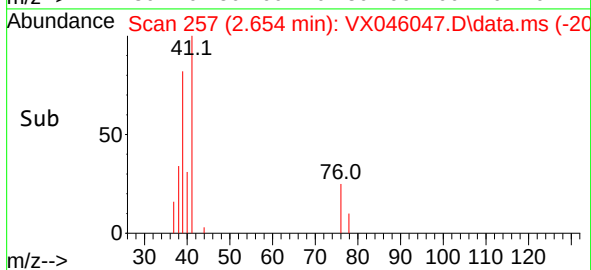
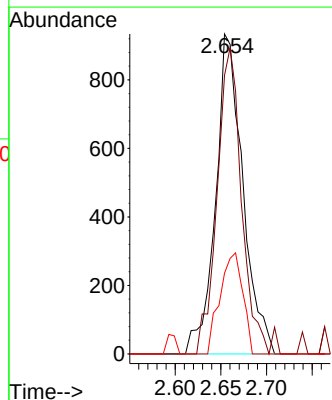
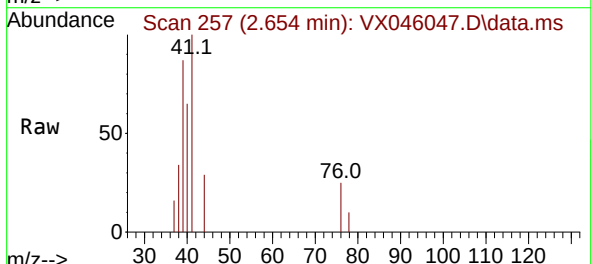
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

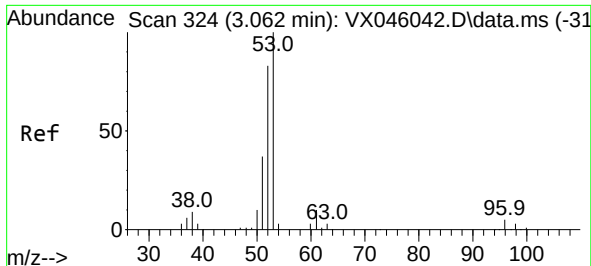
Tgt Ion: 56 Resp: 1374
Ion Ratio Lower Upper
56 100
55 83.9 56.2 84.4



#14
Allyl chloride
Concen: 0.660 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 41 Resp: 1936
Ion Ratio Lower Upper
41 100
39 85.5 60.6 90.8
76 26.4 24.9 37.3

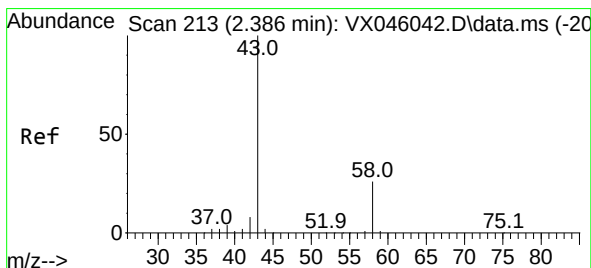
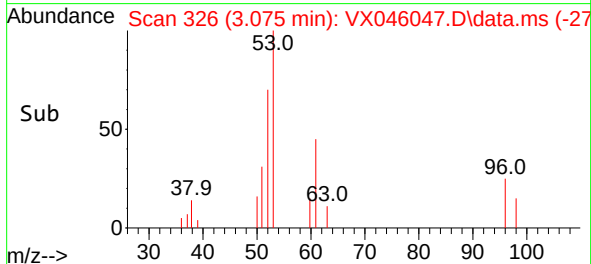
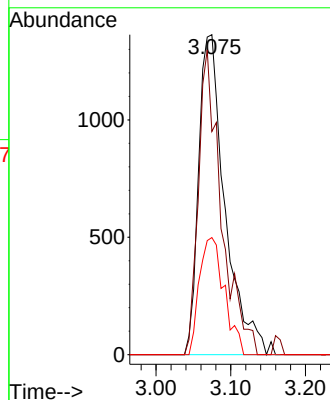
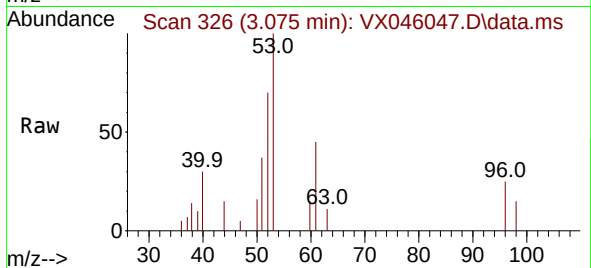




#15
Acrylonitrile
Concen: 3.424 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

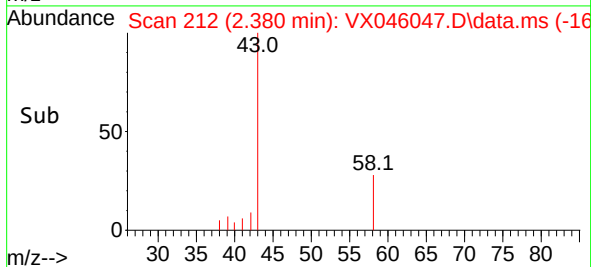
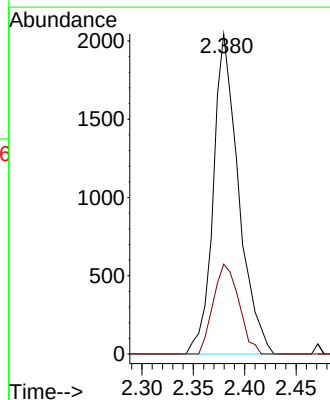
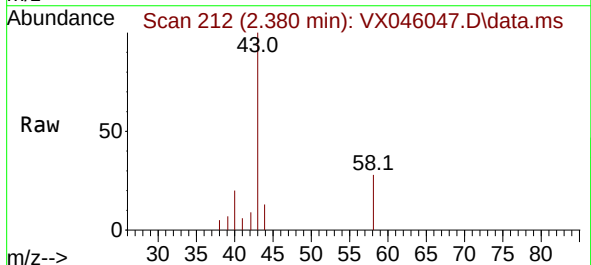
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

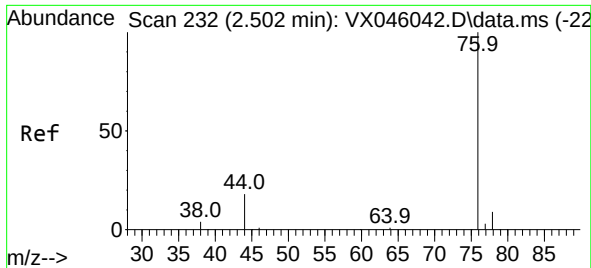
Tgt Ion: 53 Resp: 3343
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 34.4 29.8 44.8



#16
Acetone
Concen: 3.736 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8

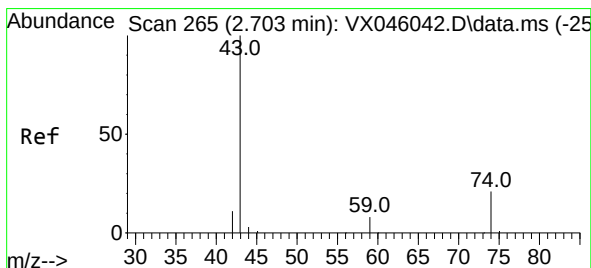
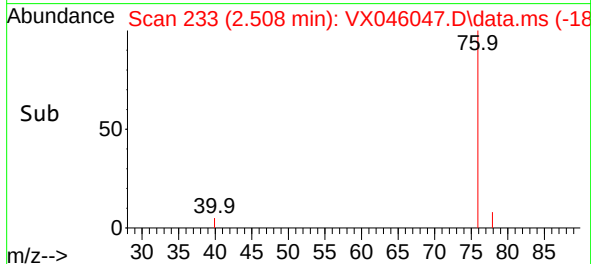
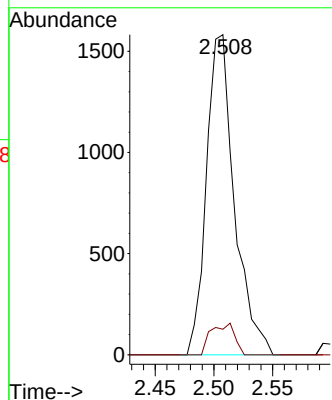
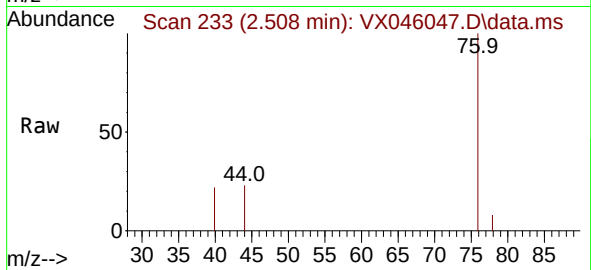




#17
Carbon Disulfide
Concen: 0.728 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

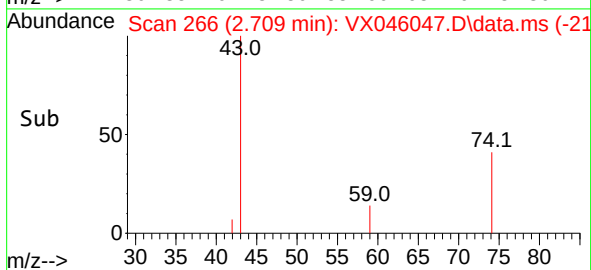
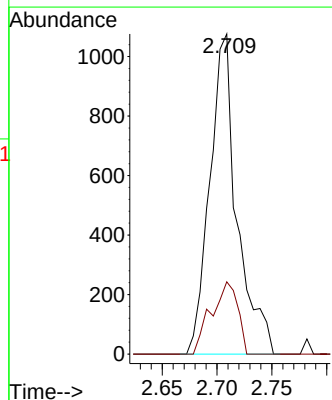
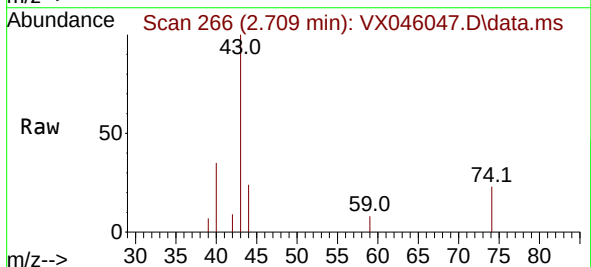
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

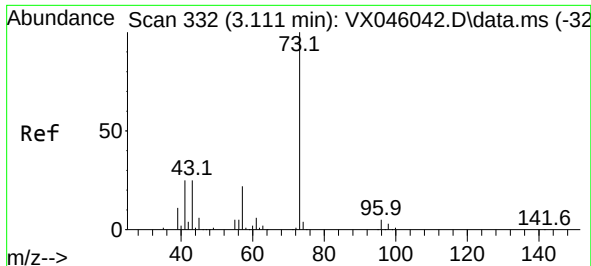
Tgt Ion: 76 Resp: 2619
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 0.828 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1

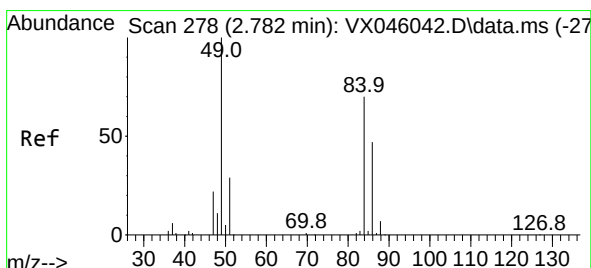
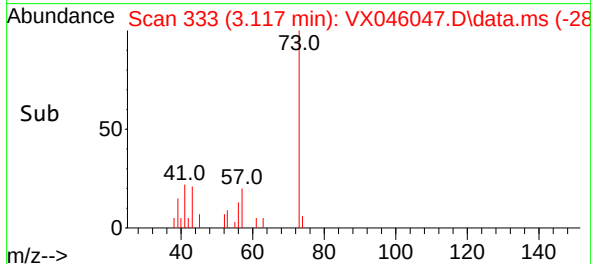
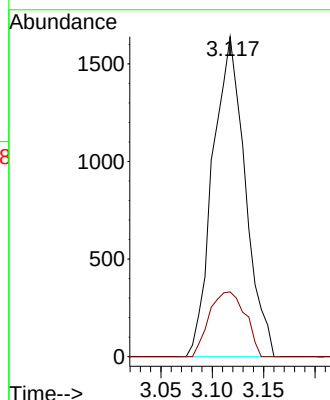
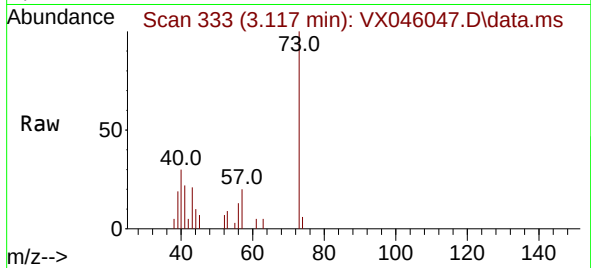




#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

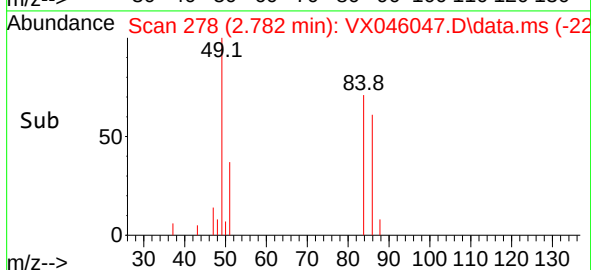
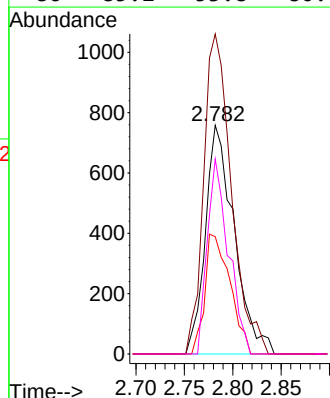
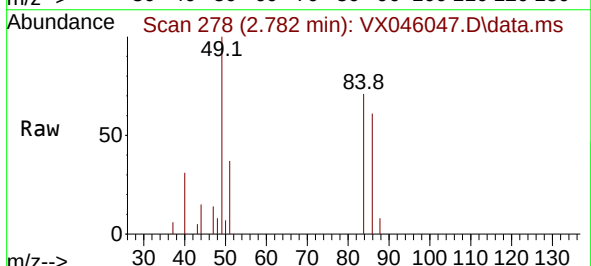
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

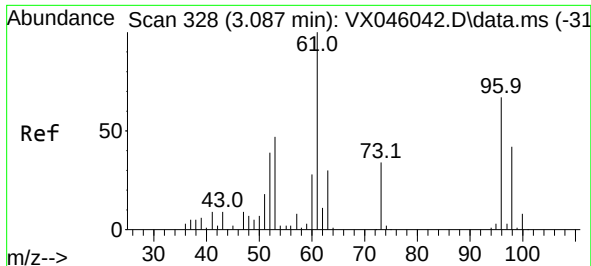
Tgt Ion: 73 Resp: 3588
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 0.828 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 84 Resp: 1571
Ion Ratio Lower Upper
84 100
49 140.0 113.9 170.9
51 51.3 33.5 50.3#
86 85.2 53.8 80.8#





#21

trans-1,2-Dichloroethene

Concen: 0.701 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

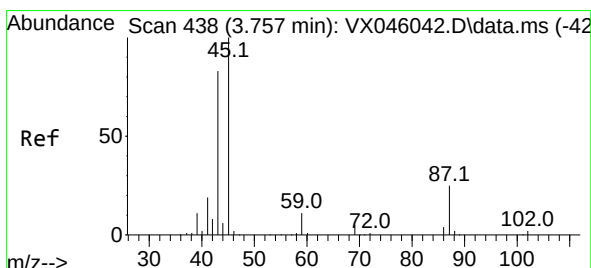
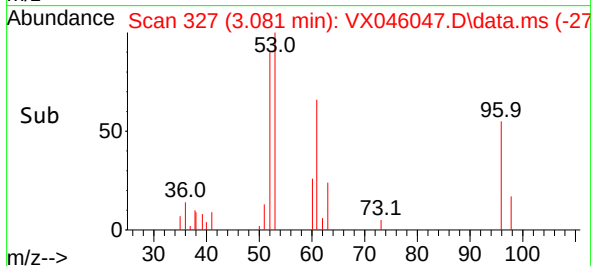
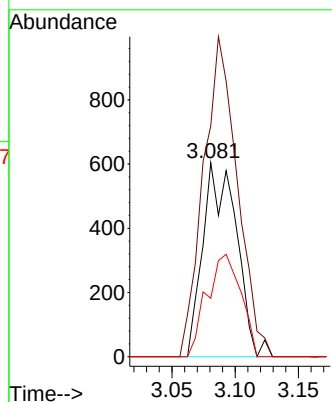
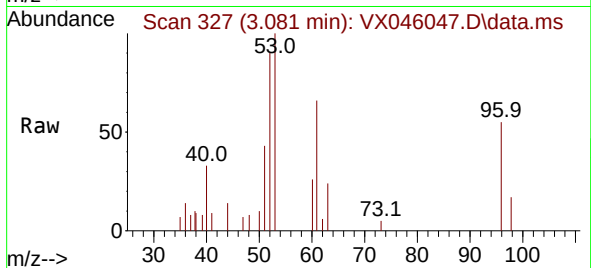
Tgt Ion: 96 Resp: 1111

Ion Ratio Lower Upper

96 100

61 119.0 119.5 179.3#

98 30.1 50.0 75.0#



#22

Diisopropyl ether

Concen: 0.703 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion: 45 Resp: 3857

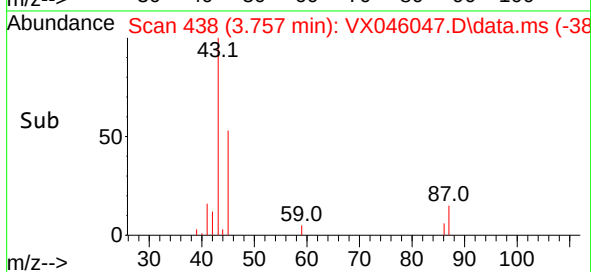
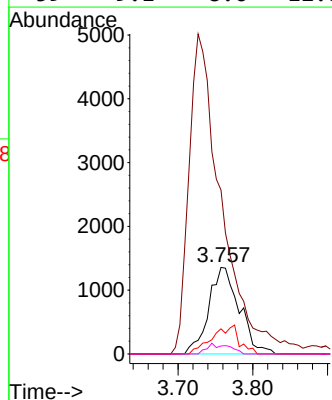
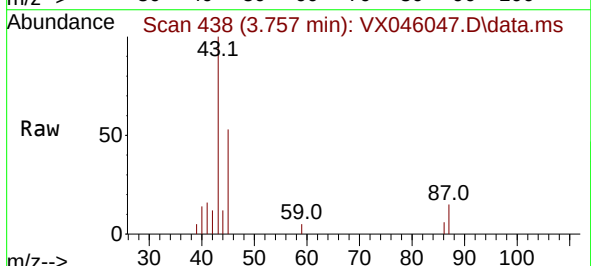
Ion Ratio Lower Upper

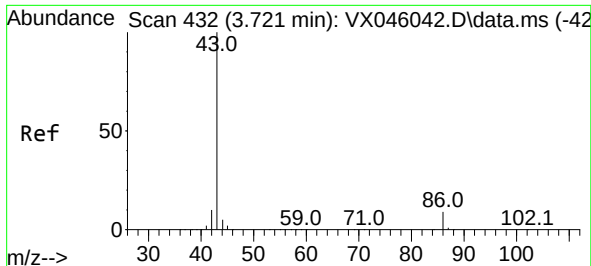
45 100

43 176.2 66.6 100.0#

87 28.9 19.8 29.6

59 9.1 8.6 12.8

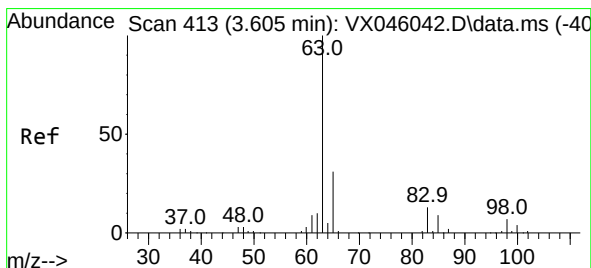
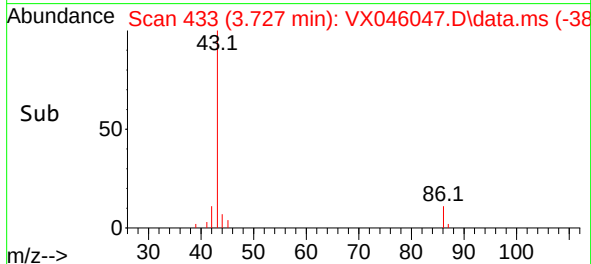
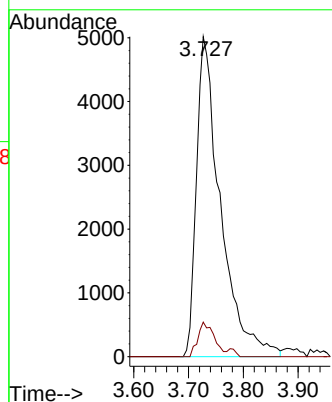
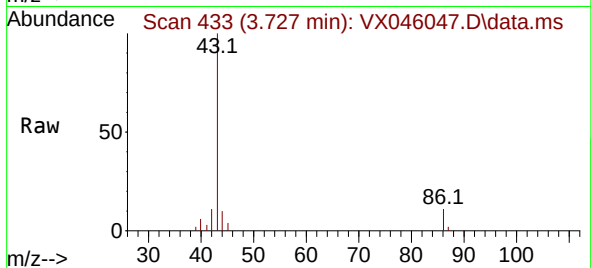




#23
 Vinyl Acetate
 Concen: 3.154 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

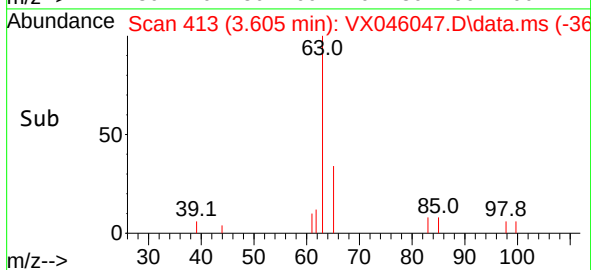
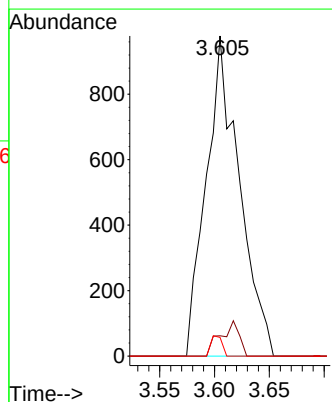
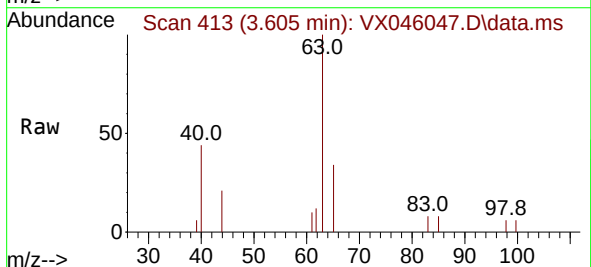
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

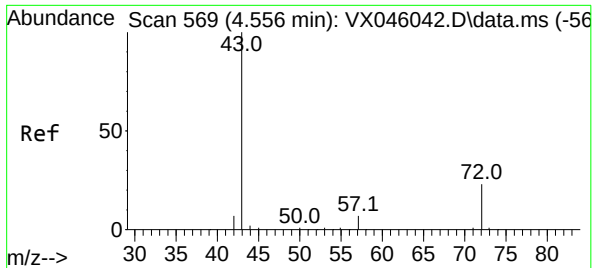
Tgt Ion: 43 Resp: 15283
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 0.637 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 63 Resp: 2054
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 5.8 2.1 6.3

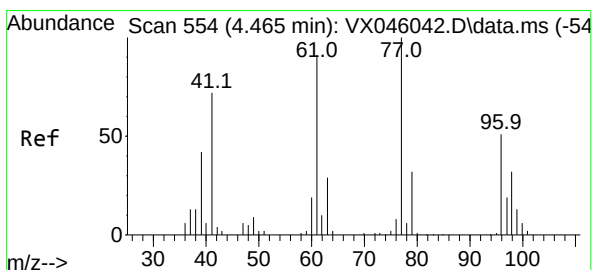
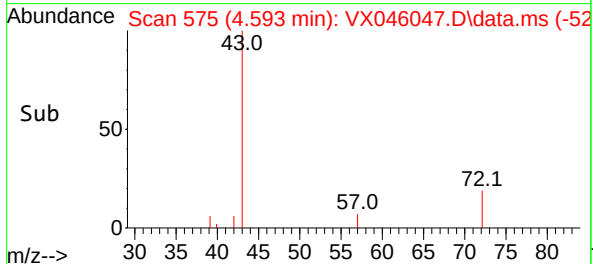
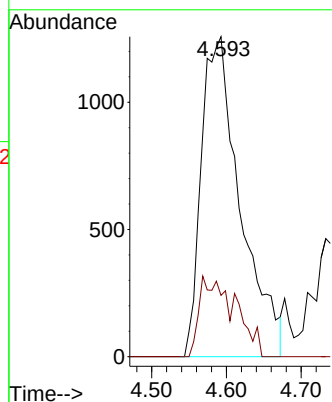
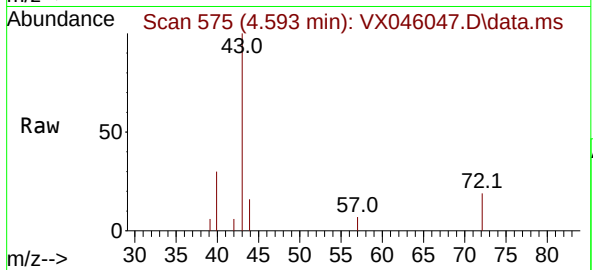




#25
2-Butanone
Concen: 3.371 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

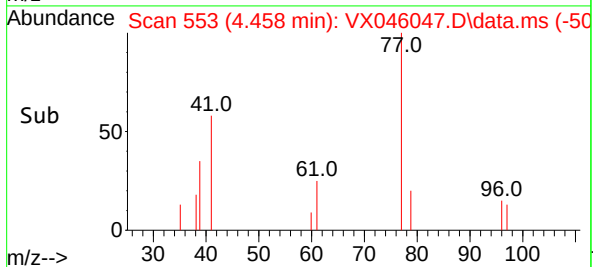
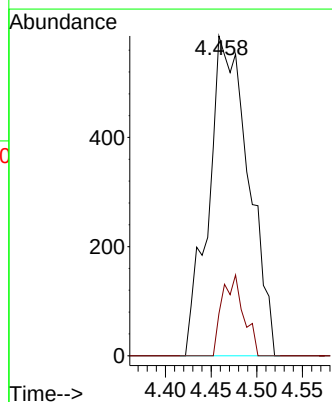
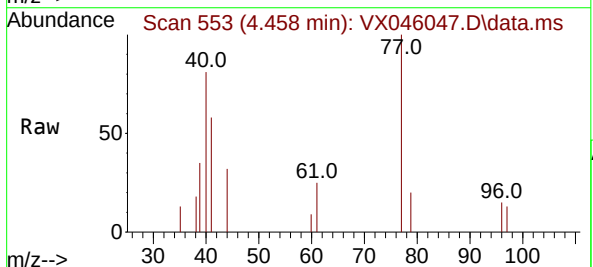
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

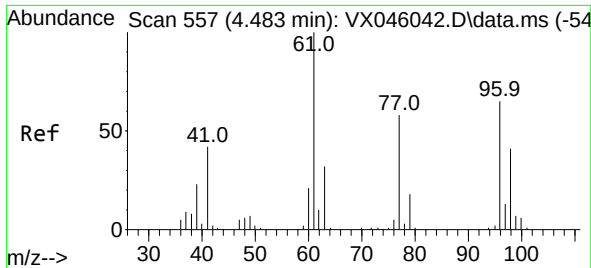
Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
72 19.2 18.4 27.6



#26
2,2-Dichloropropane
Concen: 0.728 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 77 Resp: 1777
Ion Ratio Lower Upper
77 100
97 13.7 10.5 31.5

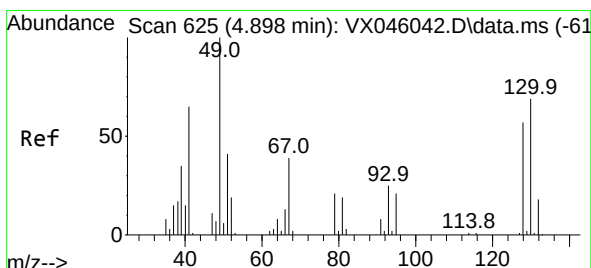
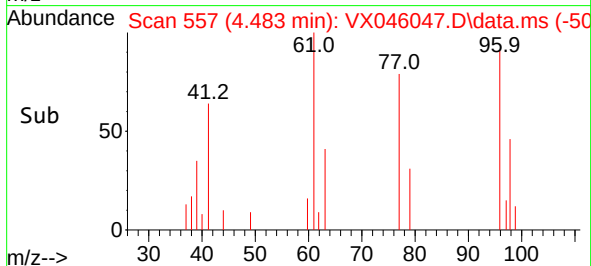
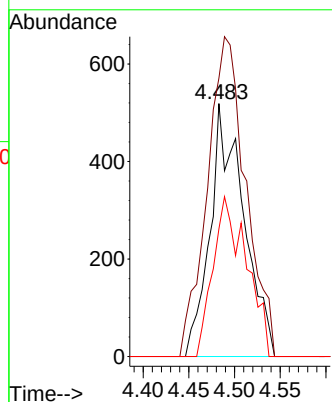
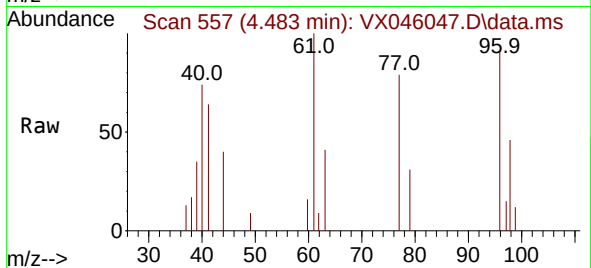




#27
 cis-1,2-Dichloroethene
 Concen: 0.693 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

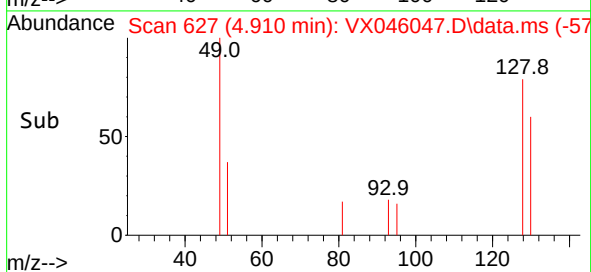
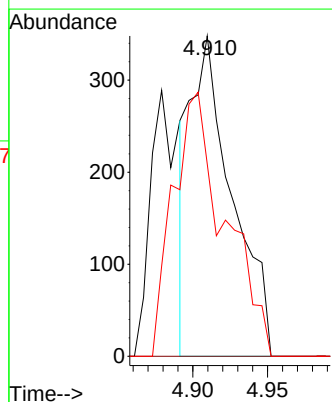
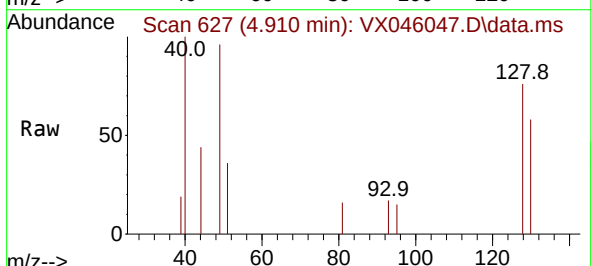
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

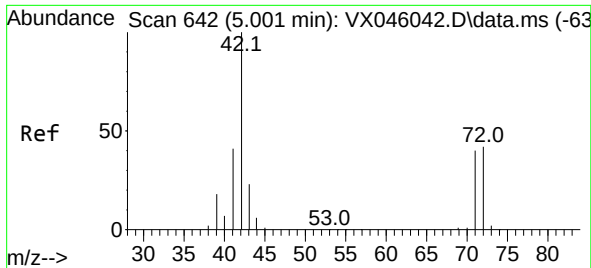
Tgt Ion:	96	Resp:	1324
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	322.8
98	63.1	0.0	129.0



#28
 Bromochloromethane
 Concen: 0.398 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.012 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion:	49	Resp:	682
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	101.6	56.2	84.2#





#29

Tetrahydrofuran

Concen: 3.338 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

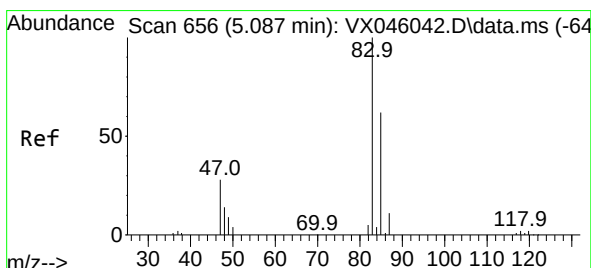
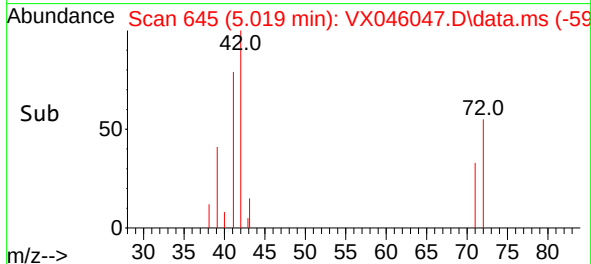
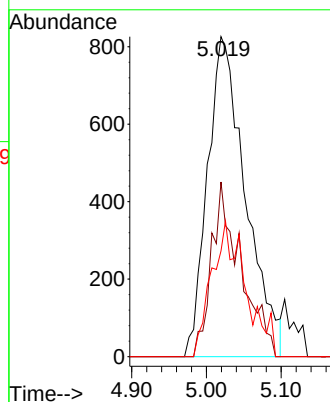
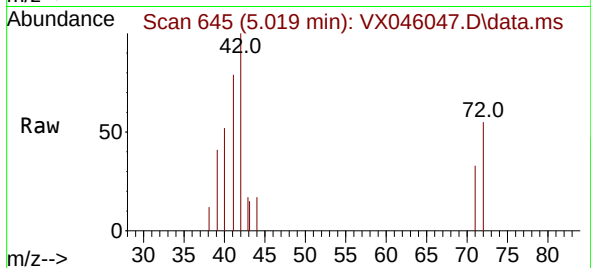
Tgt Ion: 42 Resp: 2931

Ion Ratio Lower Upper

42 100

72 41.9 33.7 50.5

71 37.7 31.4 47.2



#30

Chloroform

Concen: 0.695 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX046047.D

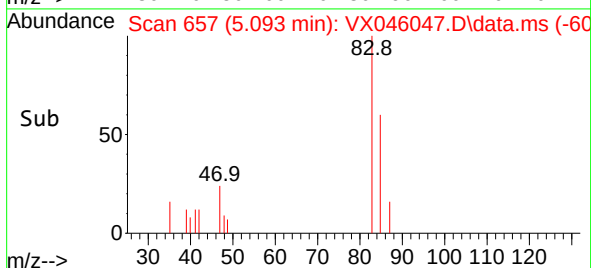
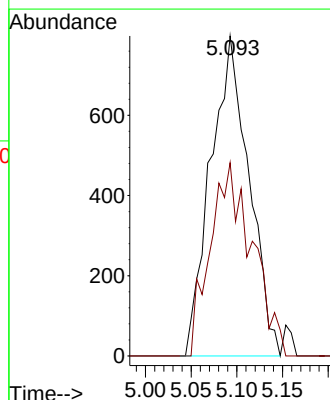
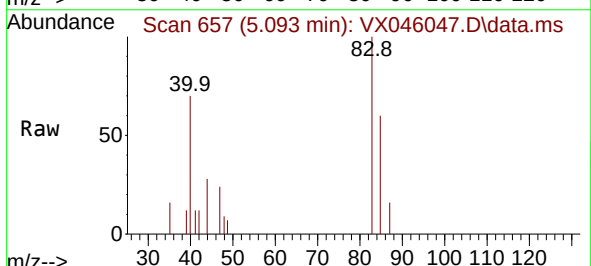
Acq: 05 May 2025 16:27

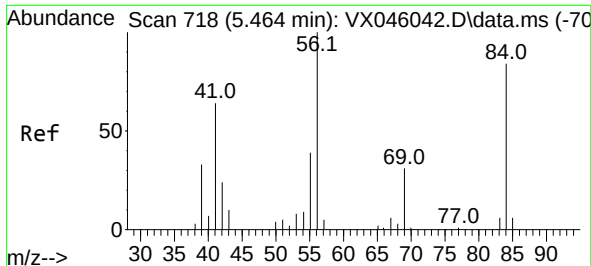
Tgt Ion: 83 Resp: 2328

Ion Ratio Lower Upper

83 100

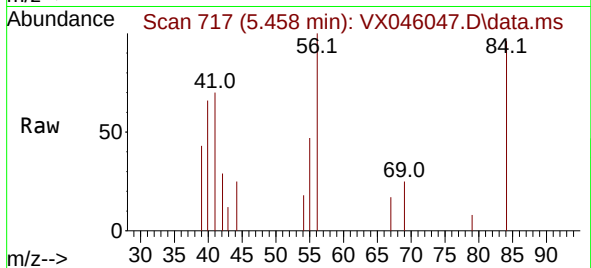
85 60.4 49.3 73.9





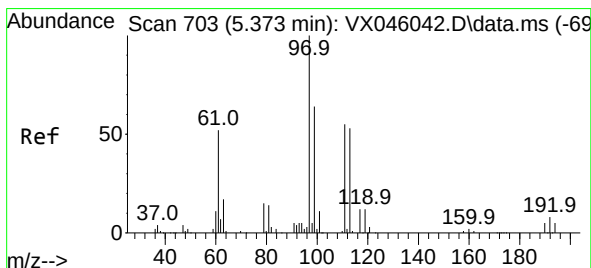
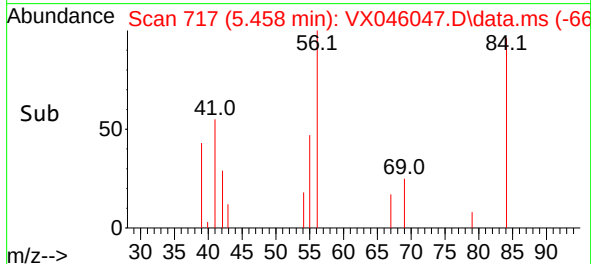
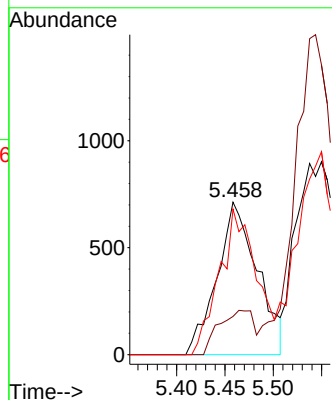
#31
Cyclohexane
Concen: 0.763 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 56 Resp: 2072

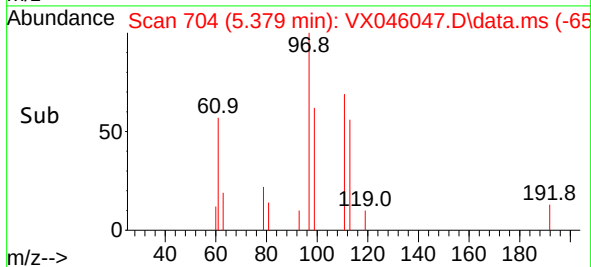
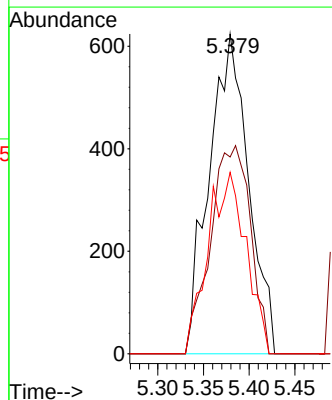
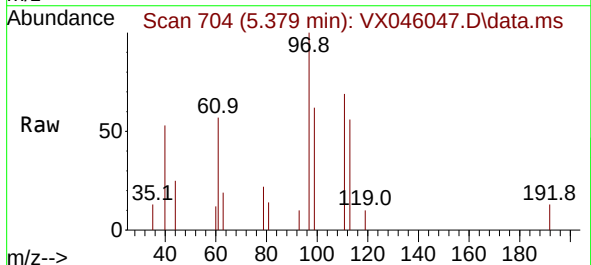
Ion	Ratio	Lower	Upper
56	100		
69	25.1	24.4	36.6
84	95.5	66.9	100.3

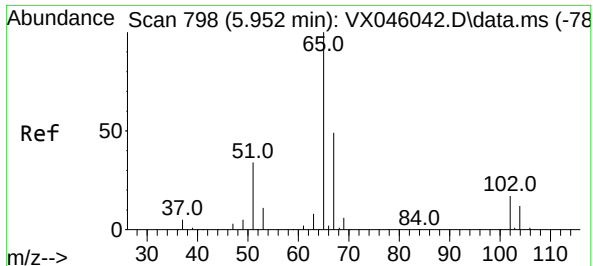


#32
1,1,1-Trichloroethane
Concen: 0.647 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 97 Resp: 1869

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.6#
61	55.0	40.1	60.1





#33

1,2-Dichloroethane-d4

Concen: 0.799 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.018 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

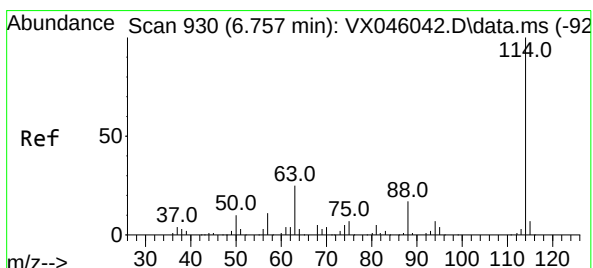
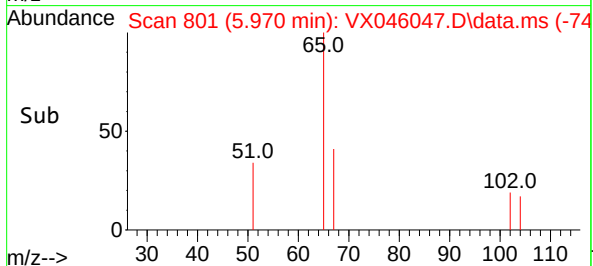
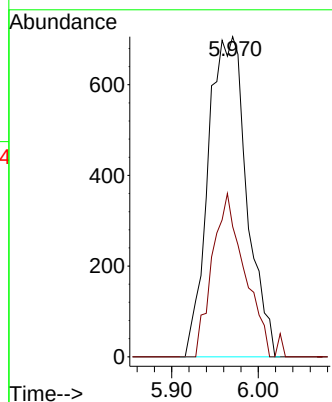
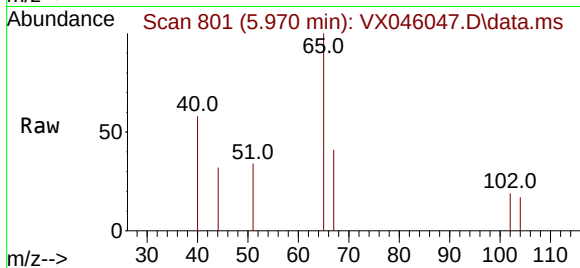
VSTDIC001

Tgt Ion: 65 Resp: 2188

Ion Ratio Lower Upper

65 100

67 42.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

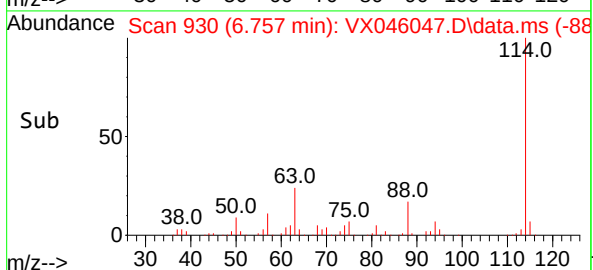
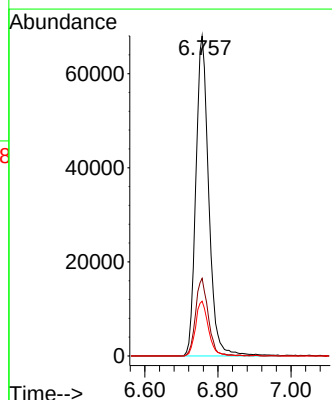
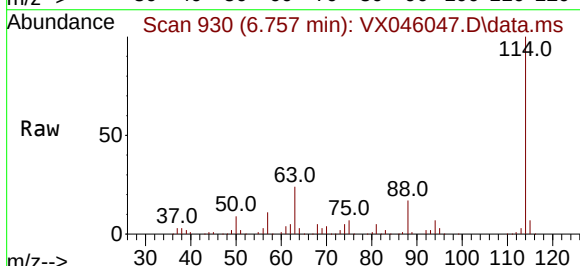
Tgt Ion: 114 Resp: 167022

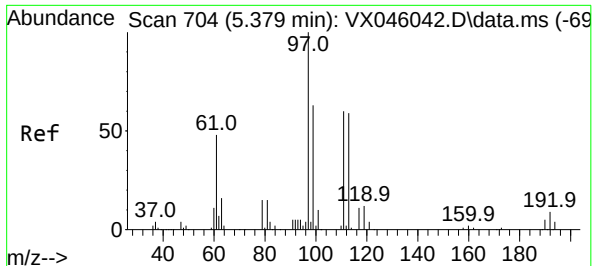
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.1 0.0 33.6

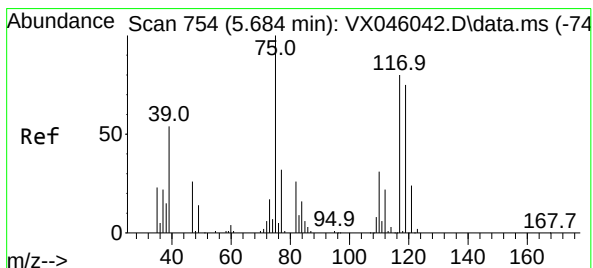
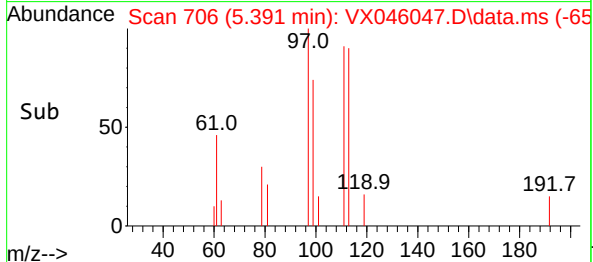
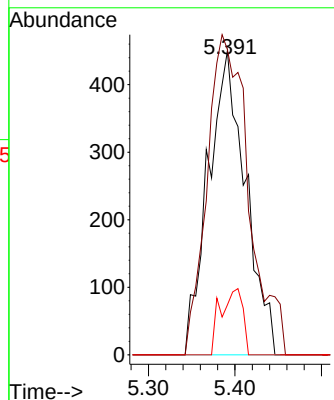
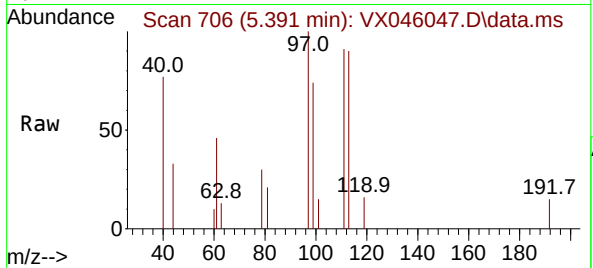




#35
Dibromofluoromethane
Concen: 0.721 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

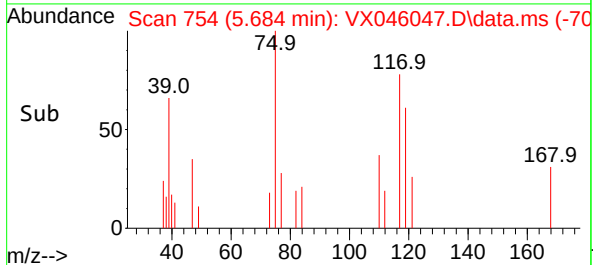
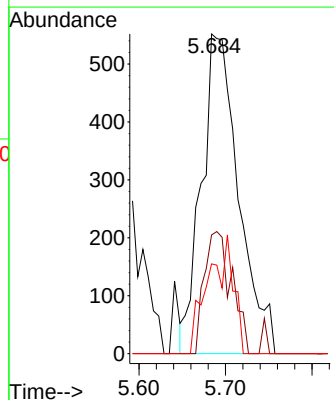
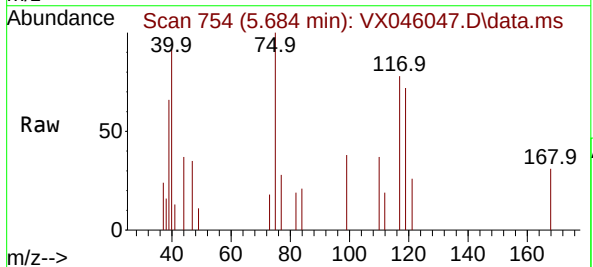
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

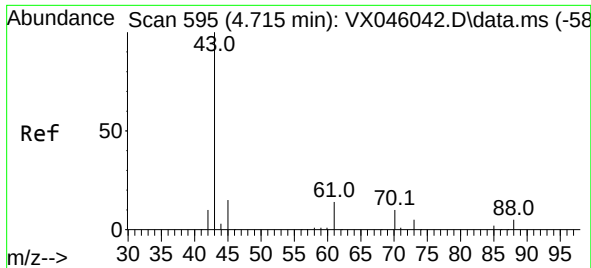
Tgt Ion:113 Resp: 1350
Ion Ratio Lower Upper
113 100
111 117.0 83.1 124.7
192 12.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.758 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1648
Ion Ratio Lower Upper
75 100
110 28.2 16.3 48.9
77 15.8 24.3 36.5#

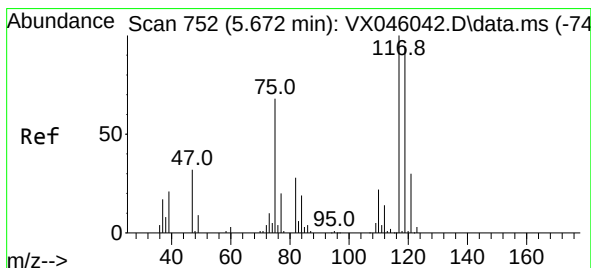
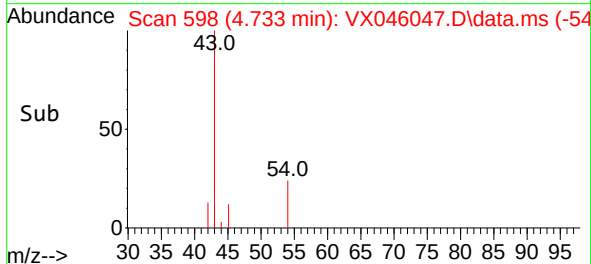
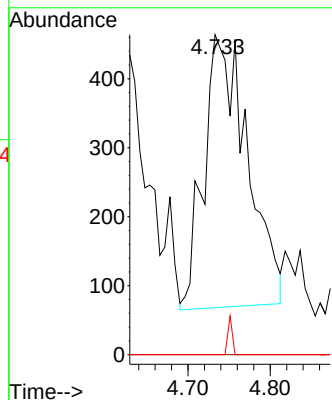
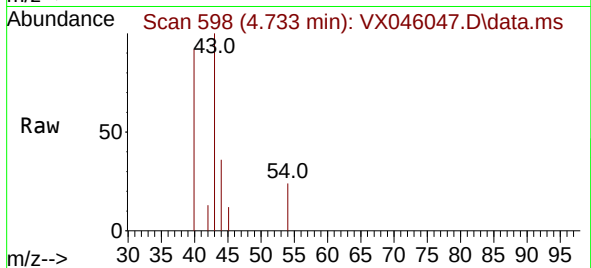




#37
Ethyl Acetate
Concen: 0.531 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

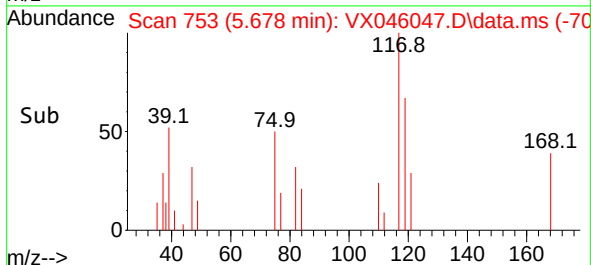
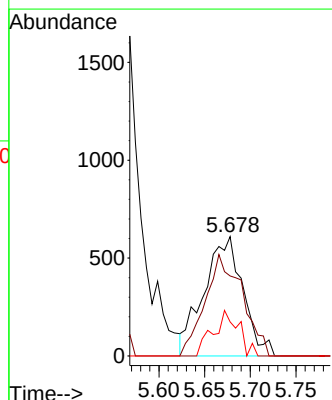
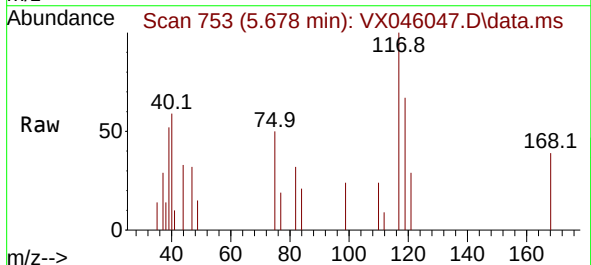
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

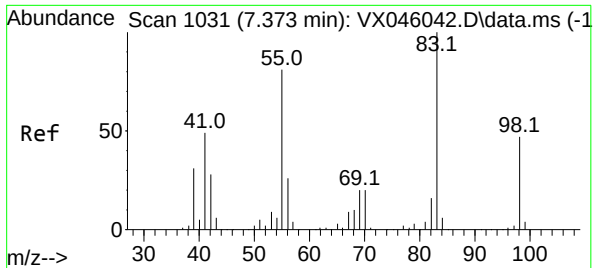
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 1.4 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 0.724 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 117 Resp: 1807
Ion Ratio Lower Upper
117 100
119 67.0 75.2 112.8#
121 28.5 24.2 36.4





#39

Methylcyclohexane

Concen: 0.770 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

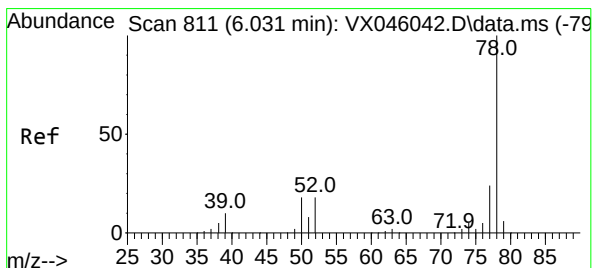
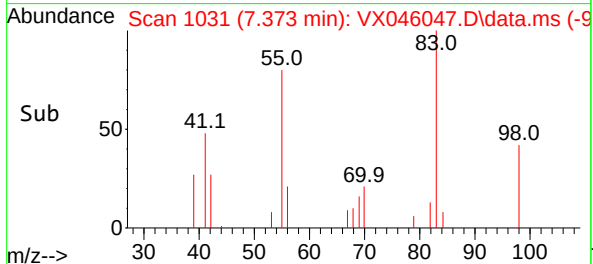
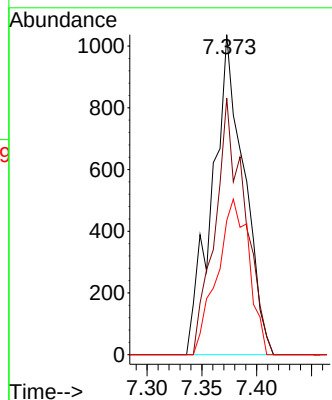
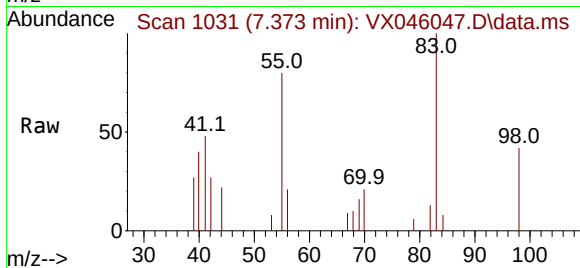
Tgt Ion: 83 Resp: 2096

Ion Ratio Lower Upper

83 100

55 80.1 64.7 97.1

98 41.9 37.4 56.2



#40

Benzene

Concen: 0.668 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX046047.D

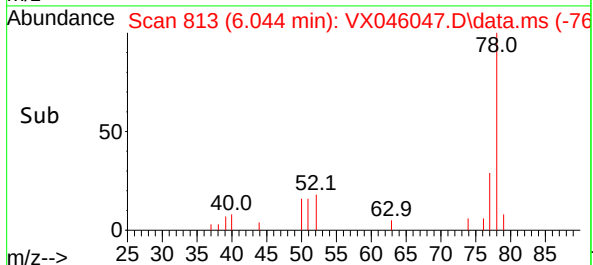
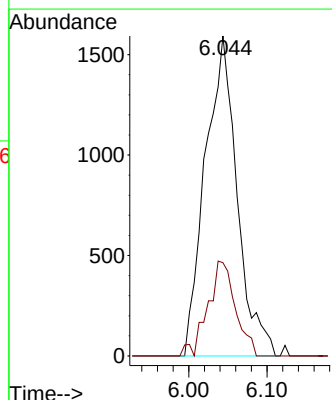
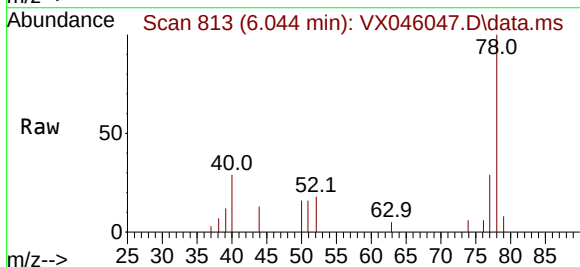
Acq: 05 May 2025 16:27

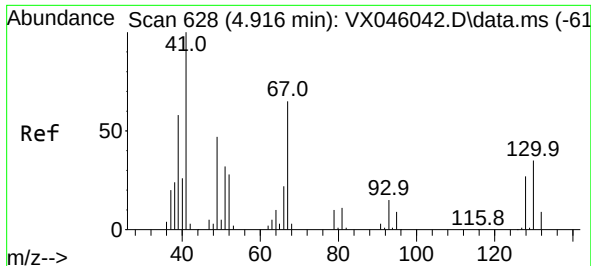
Tgt Ion: 78 Resp: 4502

Ion Ratio Lower Upper

78 100

77 29.1 19.0 28.4#

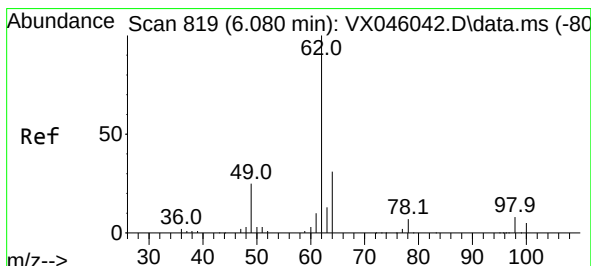
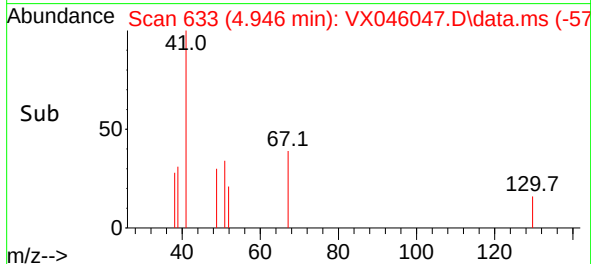
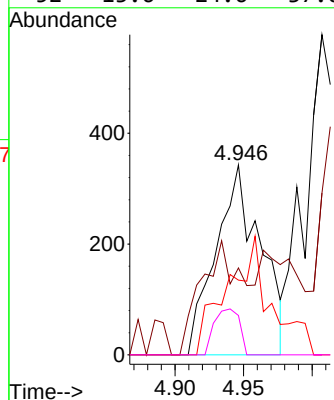
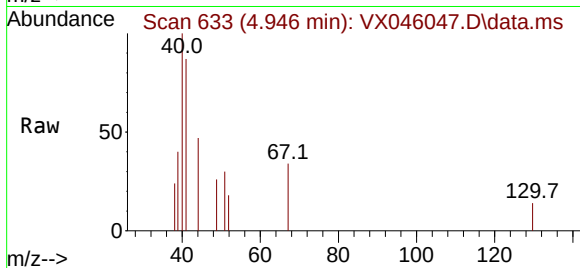




#41
Methacrylonitrile
Concen: 0.513 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

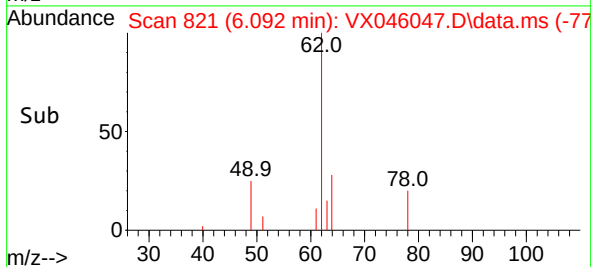
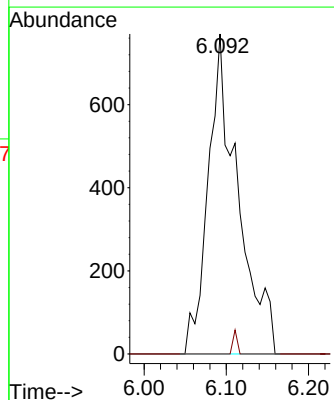
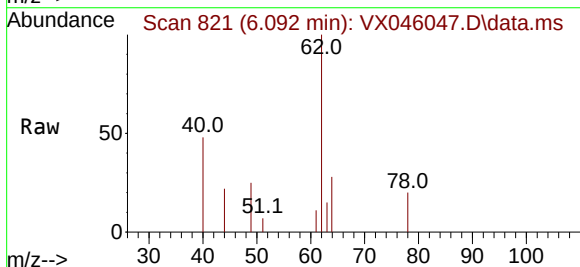
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

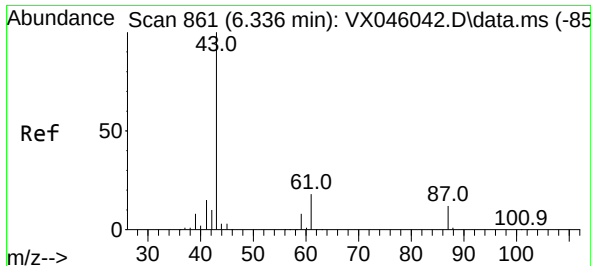
Tgt Ion:	41	Resp:	778
Ion	Ratio	Lower	Upper
41	100		
39	51.7	47.2	70.8
67	0.0	50.7	76.1#
52	13.6	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.694 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:	62	Resp:	1934
Ion	Ratio	Lower	Upper
62	100		
98	1.1	0.0	15.2





#43

Isopropyl Acetate

Concen: 0.612 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

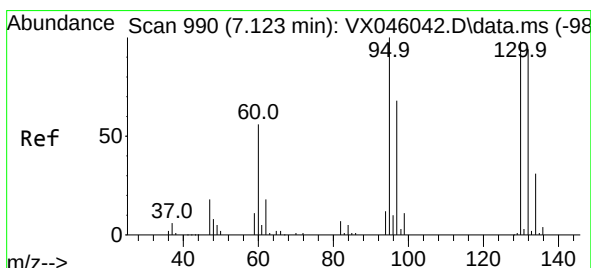
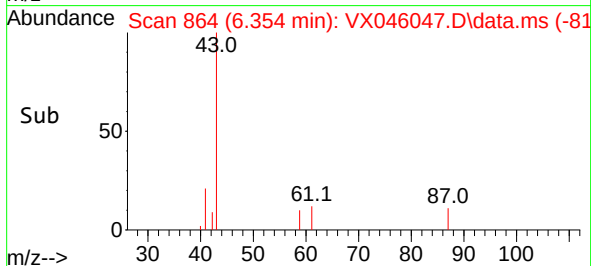
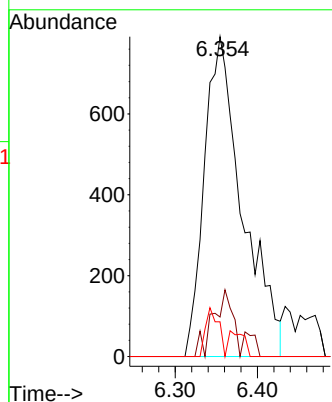
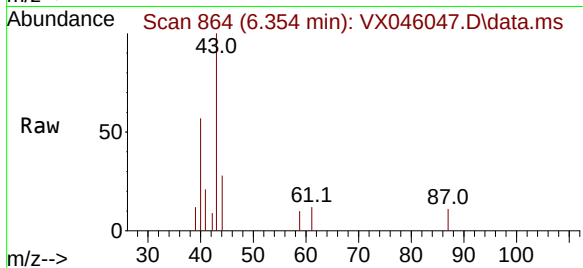
Tgt Ion: 43 Resp: 2553

Ion Ratio Lower Upper

43 100

61 10.7 14.3 21.5#

87 3.2 9.5 14.3#



#44

Trichloroethene

Concen: 0.680 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX046047.D

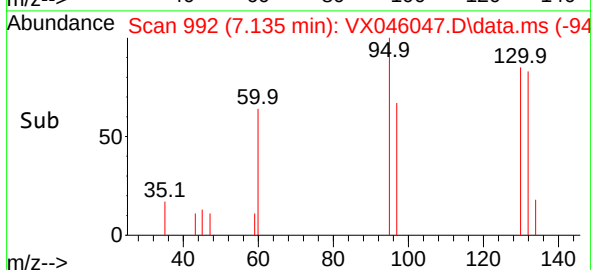
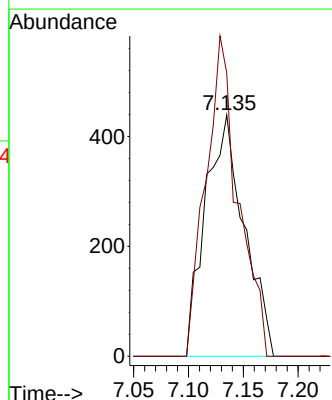
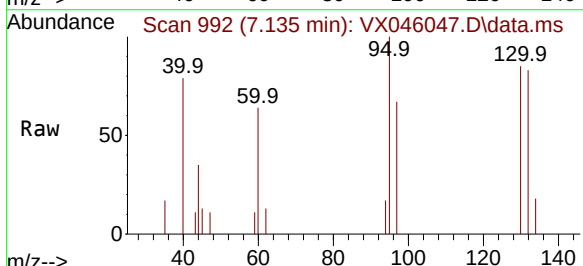
Acq: 05 May 2025 16:27

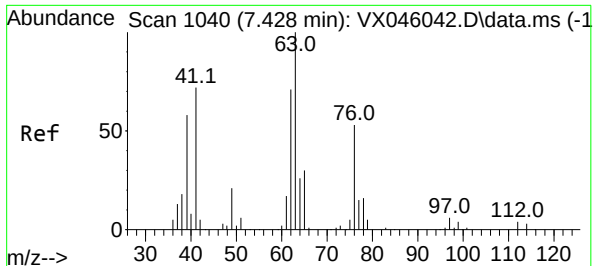
Tgt Ion:130 Resp: 1083

Ion Ratio Lower Upper

130 100

95 117.3 0.0 204.2





#45

1,2-Dichloropropane

Concen: 0.633 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

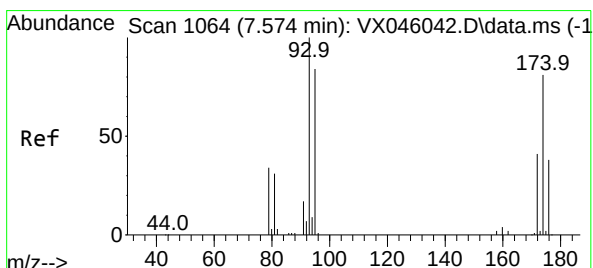
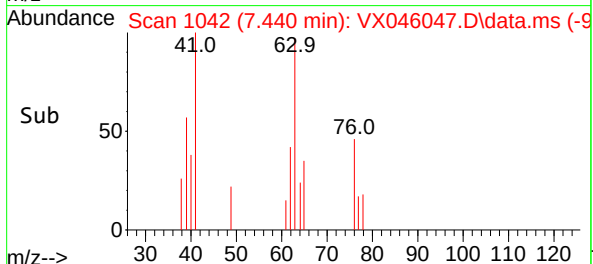
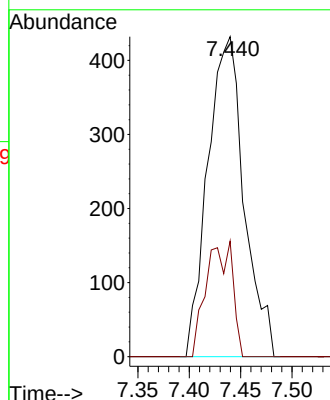
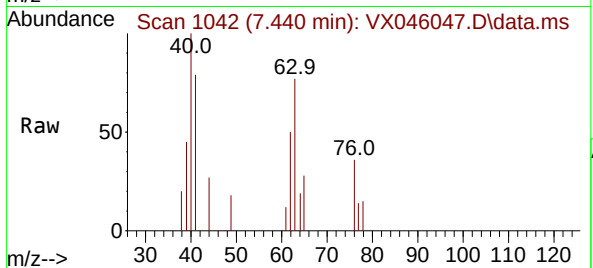
VSTDIC001

Tgt Ion: 63 Resp: 1059

Ion Ratio Lower Upper

63 100

65 36.1 24.1 36.1



#46

Dibromomethane

Concen: 0.667 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

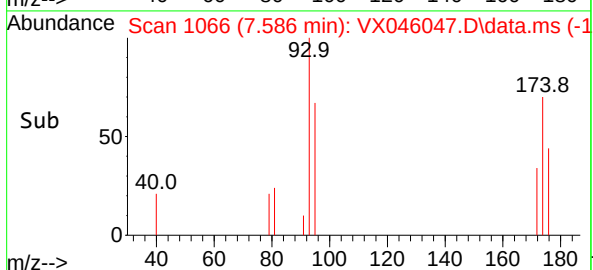
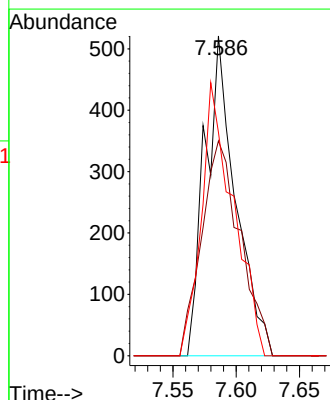
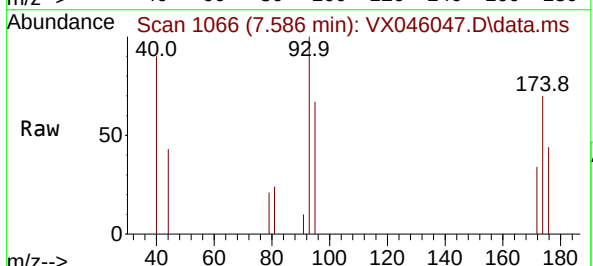
Tgt Ion: 93 Resp: 880

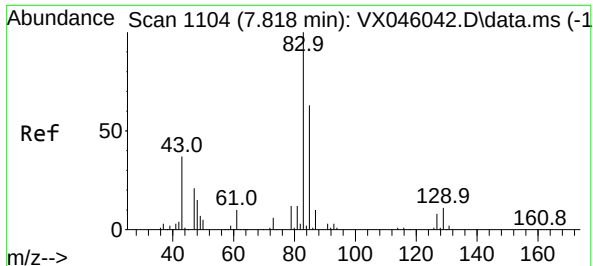
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 88.5 68.2 102.2





#47

Bromodichloromethane

Concen: 0.633 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

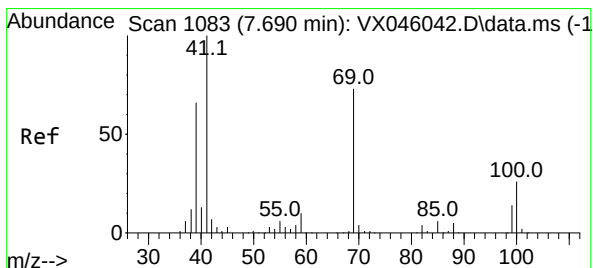
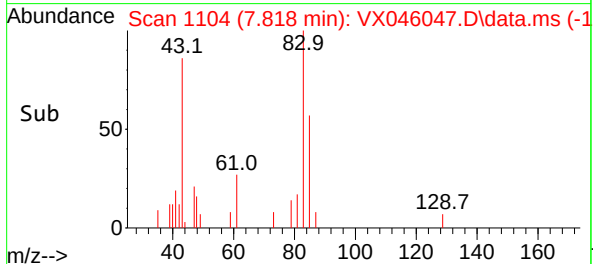
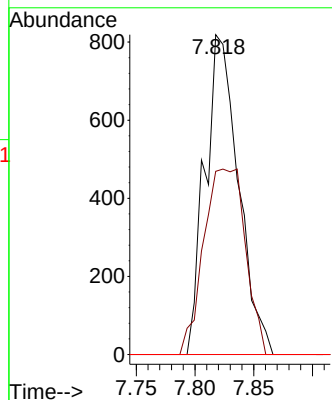
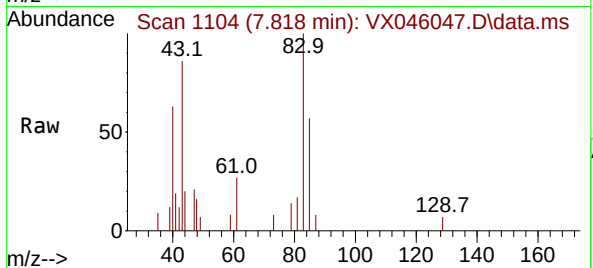
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	83	Resp:	1620
Ion	Ratio	Lower	Upper
83	100		
85	57.3	50.5	75.7
127	0.0	6.5	9.7#



#48

Methyl methacrylate

Concen: 0.483 ug/l

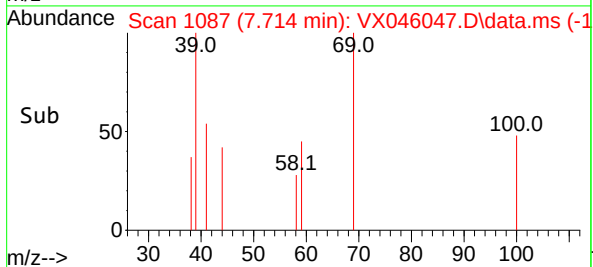
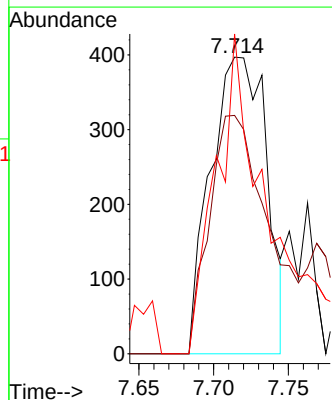
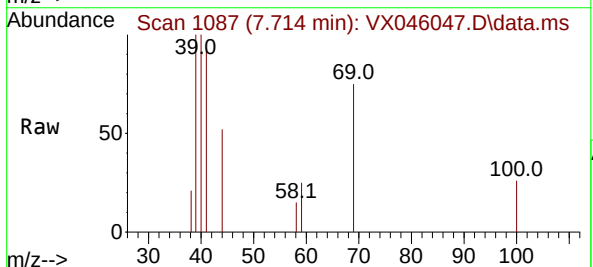
RT: 7.714 min Scan# 1087

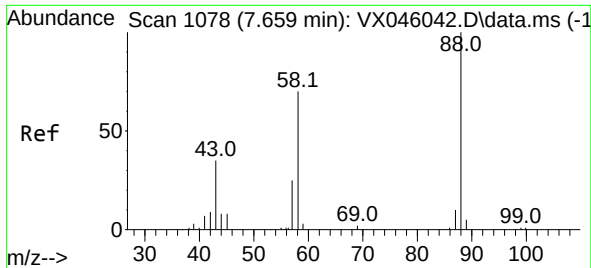
Delta R.T. 0.024 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion:	41	Resp:	1033
Ion	Ratio	Lower	Upper
41	100		
69	84.4	58.5	87.7
39	101.4	51.7	77.5#

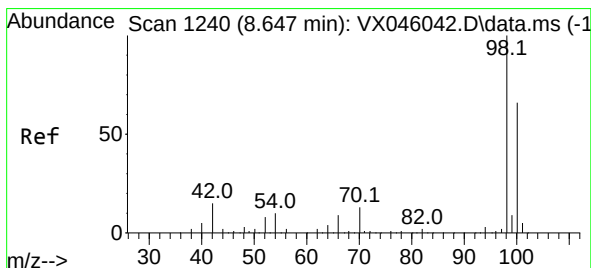
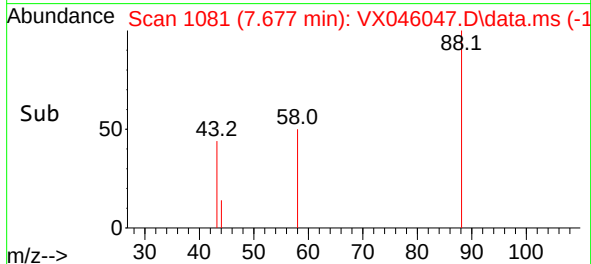
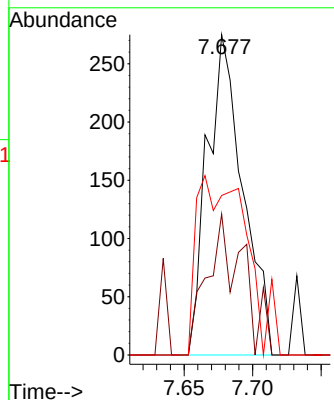
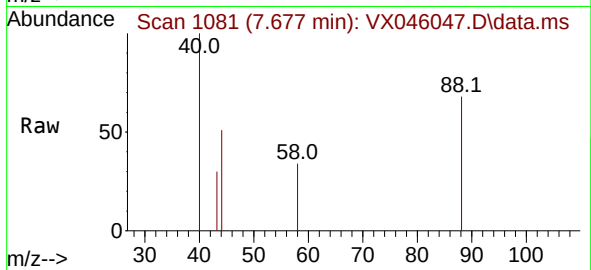




#49
1,4-Dioxane
Concen: 11.703 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

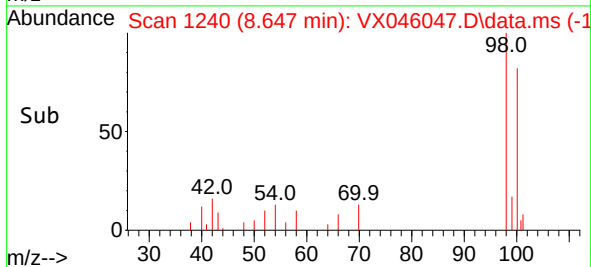
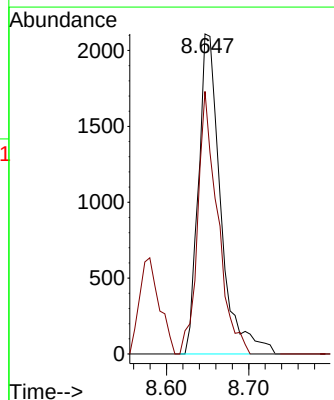
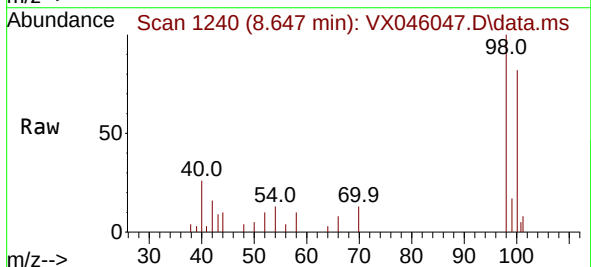
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

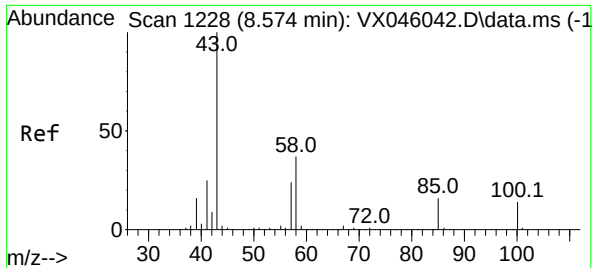
Tgt Ion: 88 Resp: 498
Ion Ratio Lower Upper
88 100
43 44.4 33.4 50.2
58 30.3 58.6 88.0#



#50
Toluene-d8
Concen: 0.628 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 98 Resp: 3964
Ion Ratio Lower Upper
98 100
100 73.5 53.5 80.3

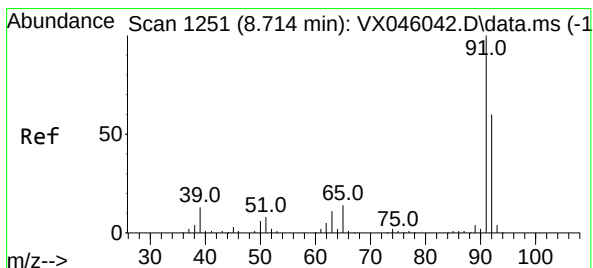
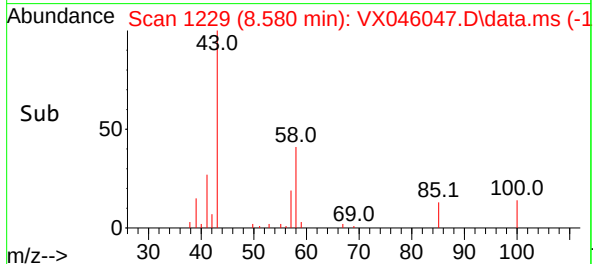
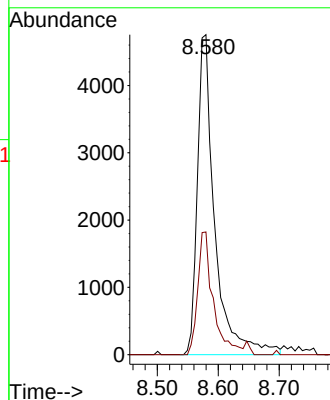
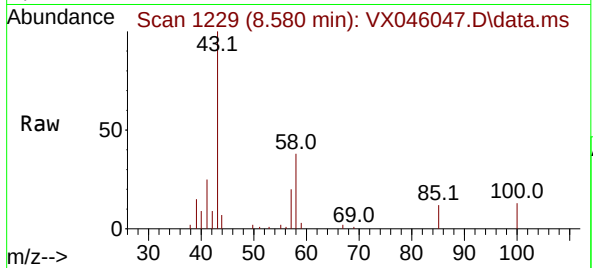




#51
4-Methyl-2-Pentanone
Concen: 3.430 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

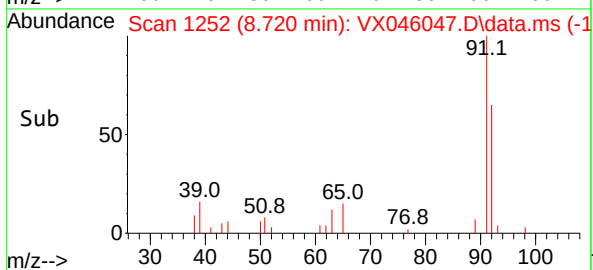
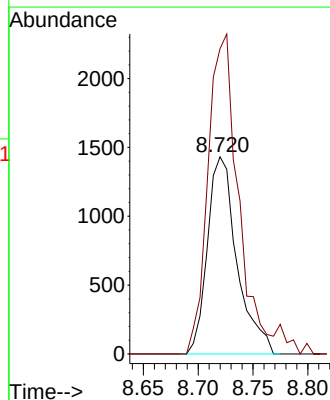
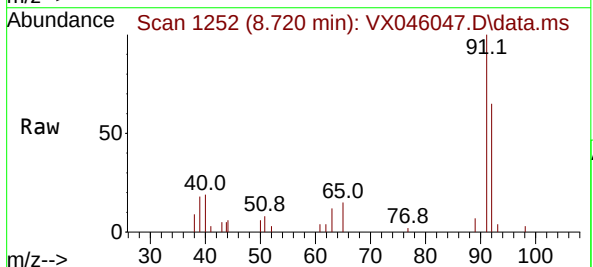
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

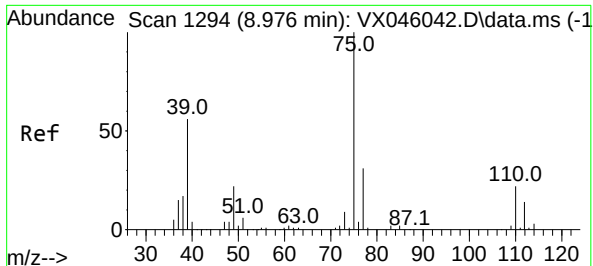
Tgt Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
58 34.4 28.9 43.3



#52
Toluene
Concen: 0.672 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 92 Resp: 2684
Ion Ratio Lower Upper
92 100
91 165.7 136.6 205.0

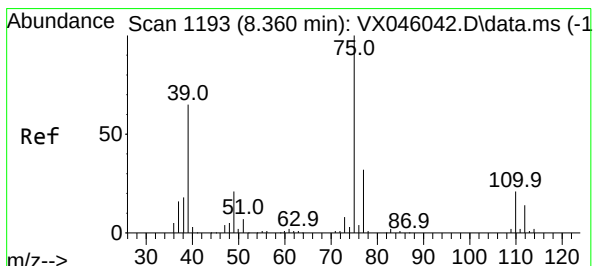
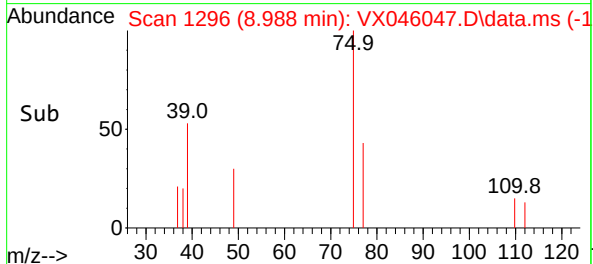
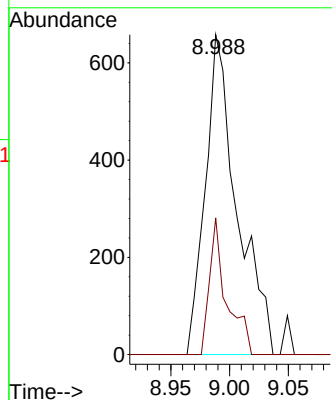
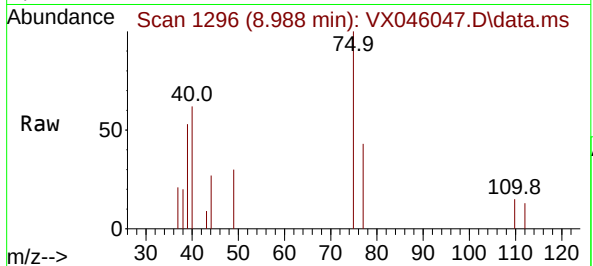




#53
 t-1,3-Dichloropropene
 Concen: 0.576 ug/l
 RT: 8.988 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

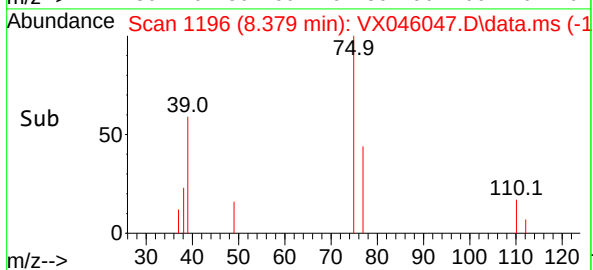
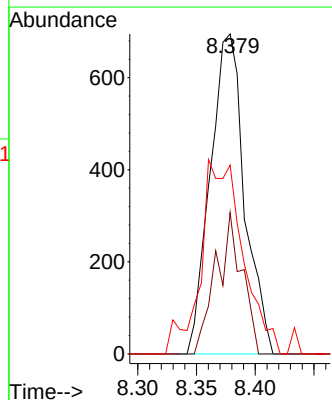
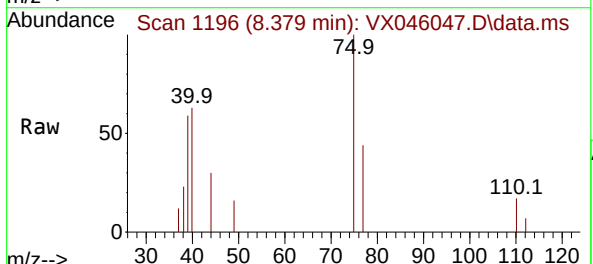
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

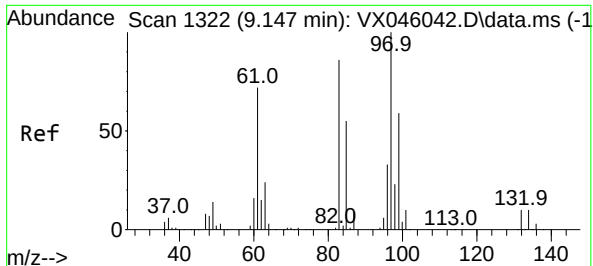
Tgt Ion: 75 Resp: 1238
 Ion Ratio Lower Upper
 75 100
 77 42.7 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.564 ug/l
 RT: 8.379 min Scan# 1196
 Delta R.T. 0.018 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1414
 Ion Ratio Lower Upper
 75 100
 77 44.2 25.4 38.0#
 39 59.0 52.2 78.4

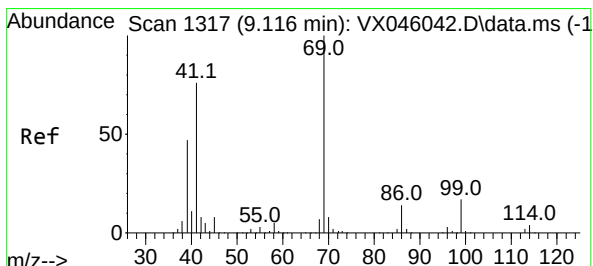
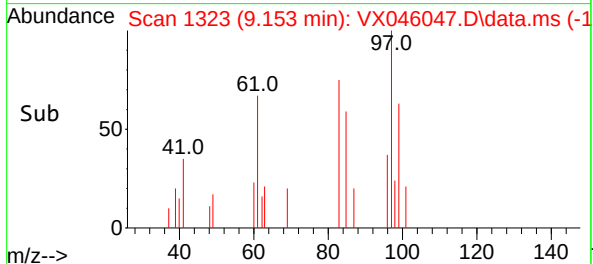
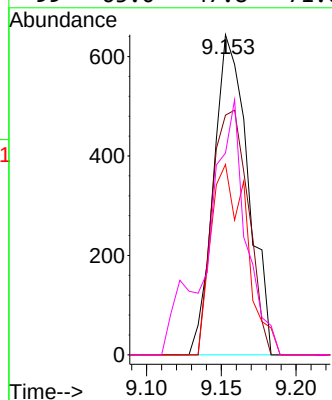
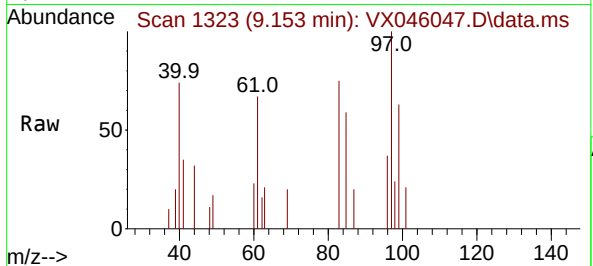




#55
 1,1,2-Trichloroethane
 Concen: 0.637 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

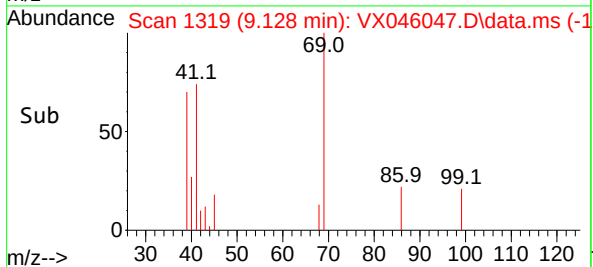
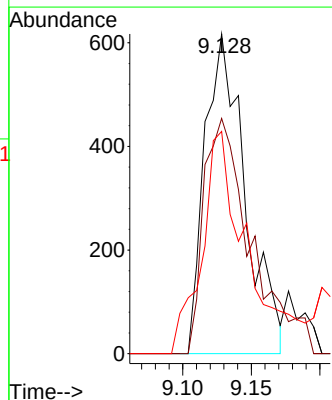
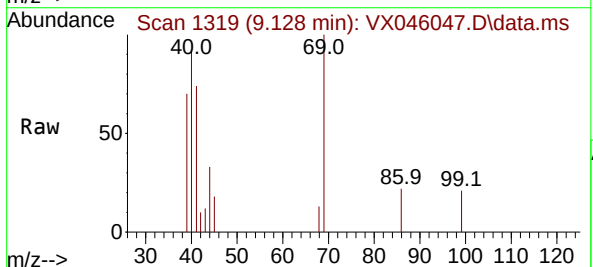
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

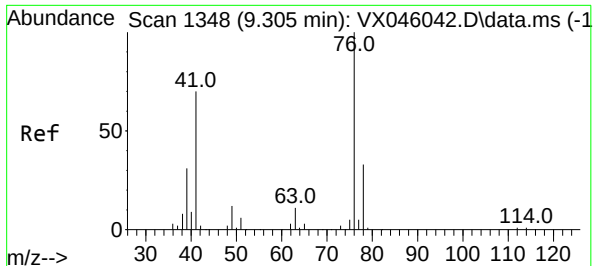
Tgt Ion: 97	Resp: 1029
Ion Ratio	Lower Upper
97 100	
83 74.8	69.0 103.6
85 59.5	44.3 66.5
99 63.0	47.8 71.6



#56
 Ethyl methacrylate
 Concen: 0.504 ug/l
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion: 69	Resp: 1260
Ion Ratio	Lower Upper
69 100	
41 86.6	60.8 91.2
39 78.0	39.0 58.6#





#57

1,3-Dichloropropane

Concen: 0.711 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

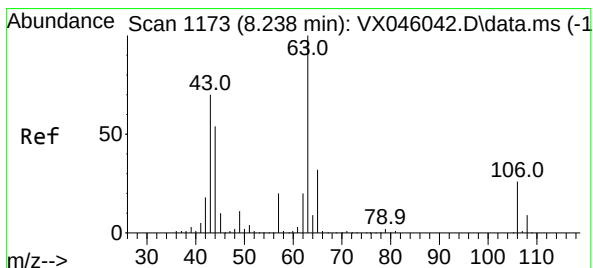
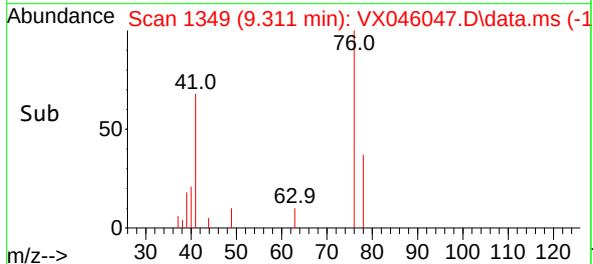
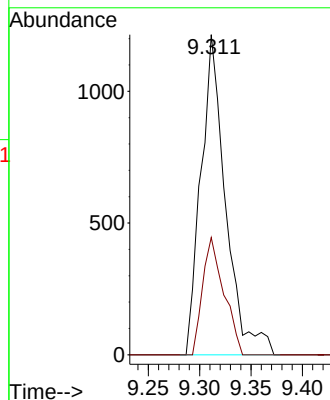
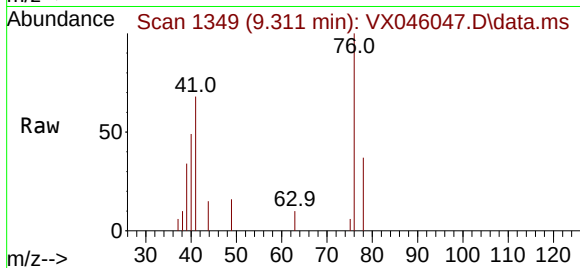
VSTDIC001

Tgt Ion: 76 Resp: 2036

Ion Ratio Lower Upper

76 100

78 31.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 3.420 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX046047.D

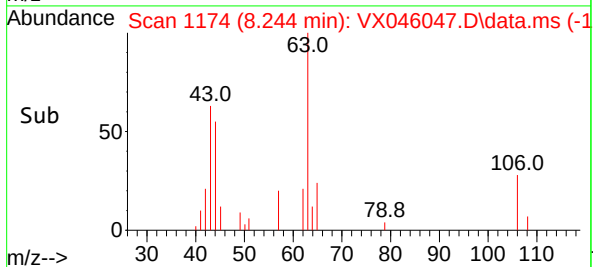
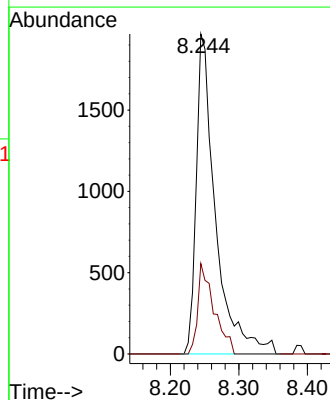
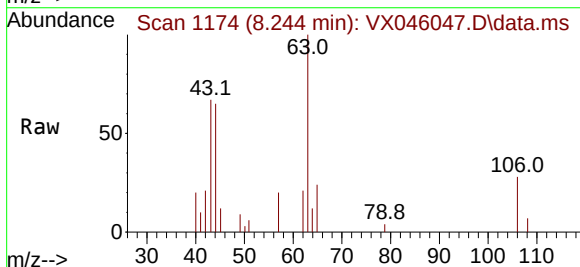
Acq: 05 May 2025 16:27

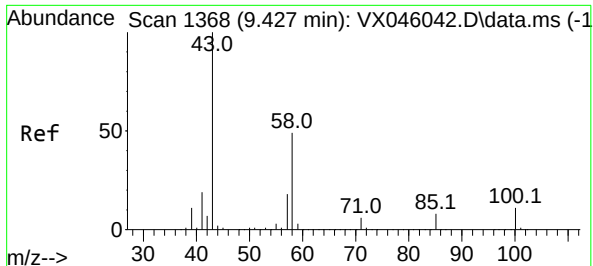
Tgt Ion: 63 Resp: 3846

Ion Ratio Lower Upper

63 100

106 24.0 21.5 32.3





#59

2-Hexanone

Concen: 3.096 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

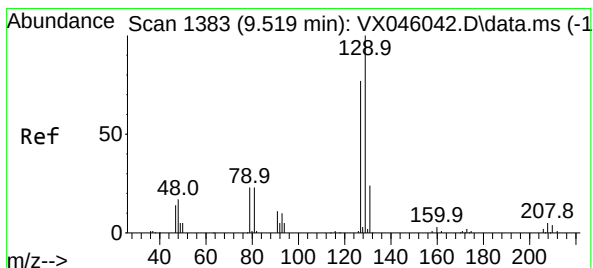
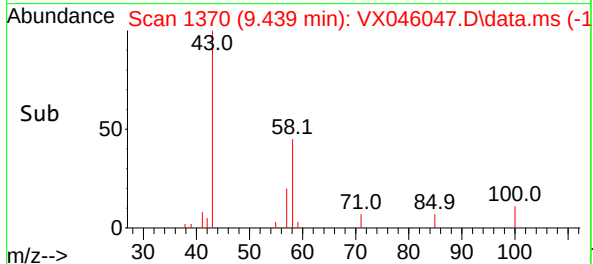
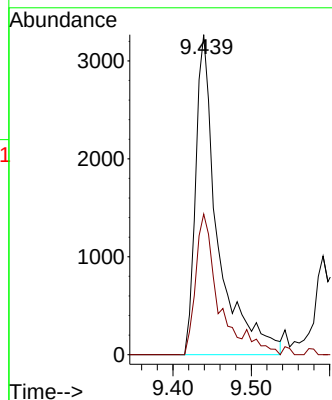
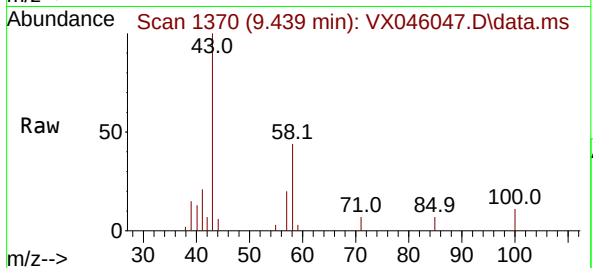
VSTDIC001

Tgt Ion: 43 Resp: 6424

Ion Ratio Lower Upper

43 100

58 41.6 24.9 74.6



#60

Dibromochloromethane

Concen: 0.582 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX046047.D

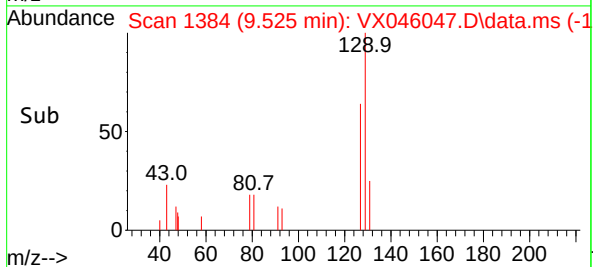
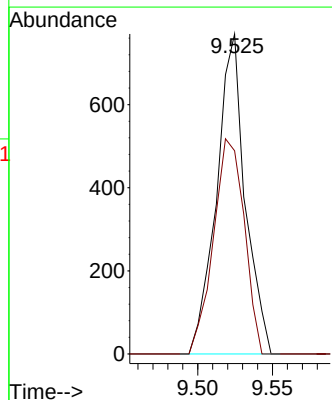
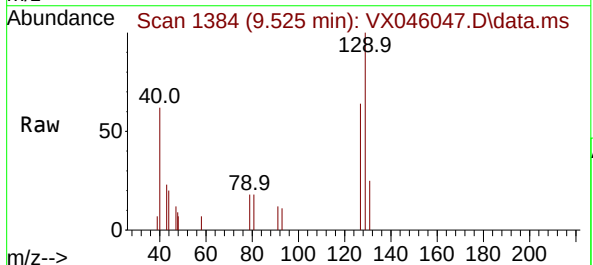
Acq: 05 May 2025 16:27

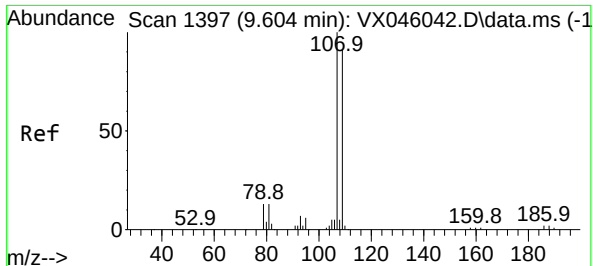
Tgt Ion: 129 Resp: 1023

Ion Ratio Lower Upper

129 100

127 72.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 0.650 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

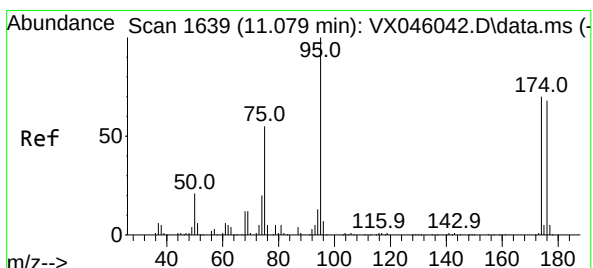
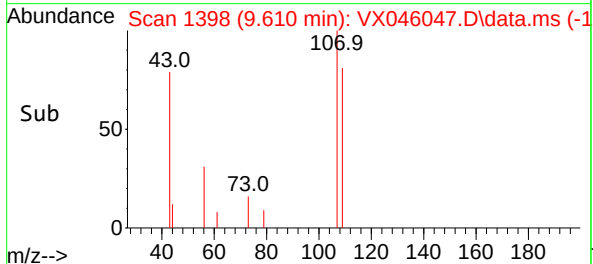
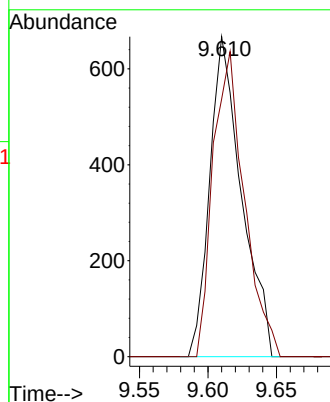
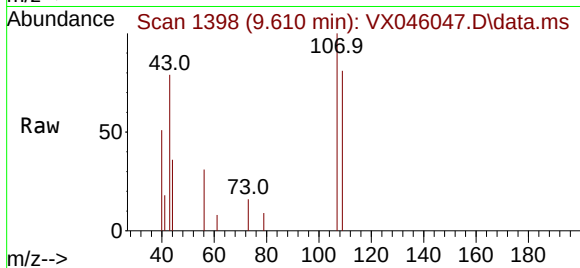
VSTDIC001

Tgt Ion:107 Resp: 1077

Ion Ratio Lower Upper

107 100

109 94.0 73.3 109.9



#62

4-Bromofluorobenzene

Concen: 0.545 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

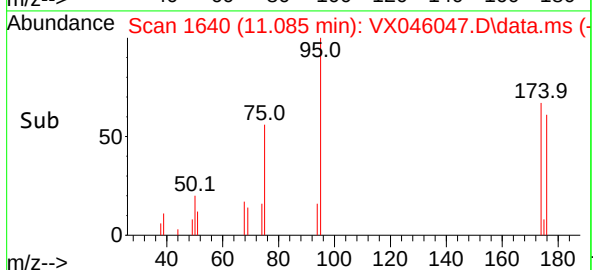
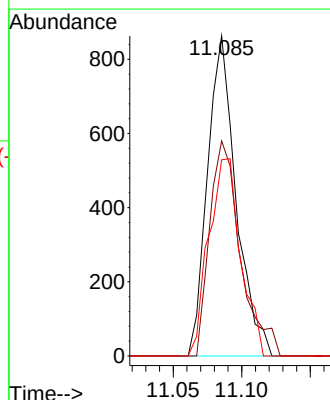
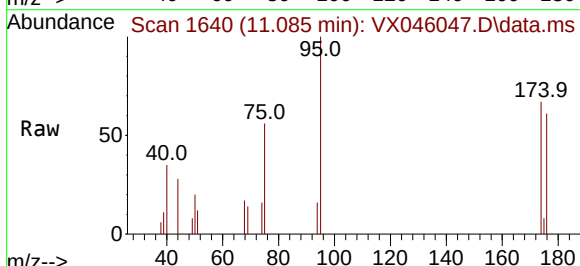
Tgt Ion: 95 Resp: 1250

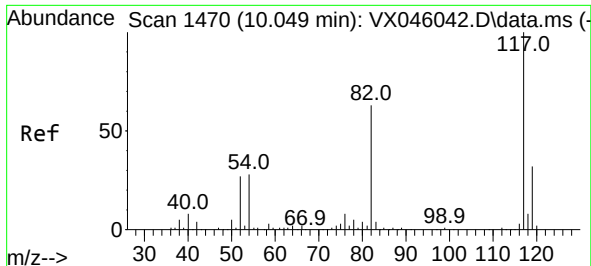
Ion Ratio Lower Upper

95 100

174 72.2 0.0 135.8

176 68.9 0.0 131.4

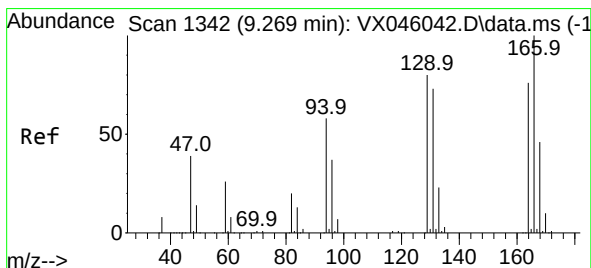
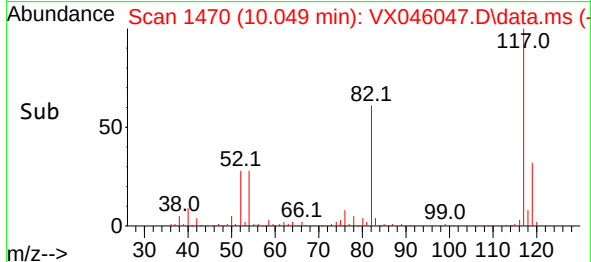
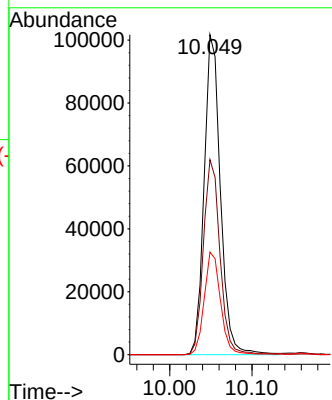
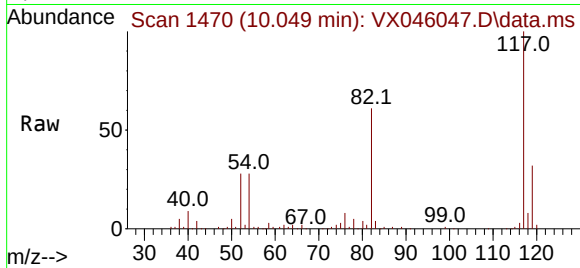




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

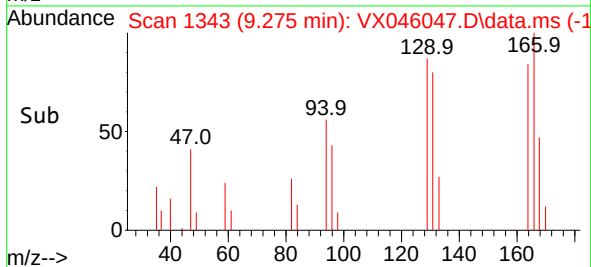
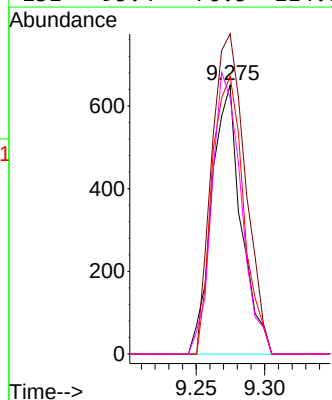
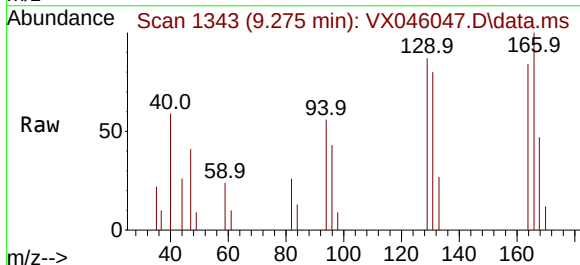
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

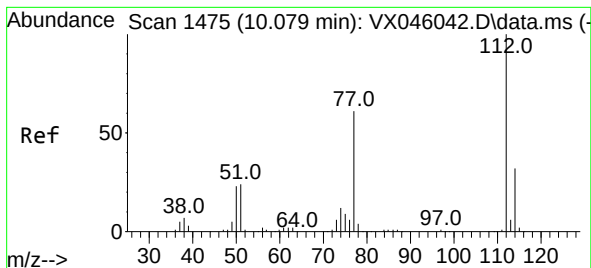
Tgt Ion:117 Resp: 140108
Ion Ratio Lower Upper
117 100
82 61.0 50.6 76.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 0.679 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:164 Resp: 972
Ion Ratio Lower Upper
164 100
166 119.1 105.0 157.6
129 103.4 83.5 125.3
131 95.4 76.5 114.7

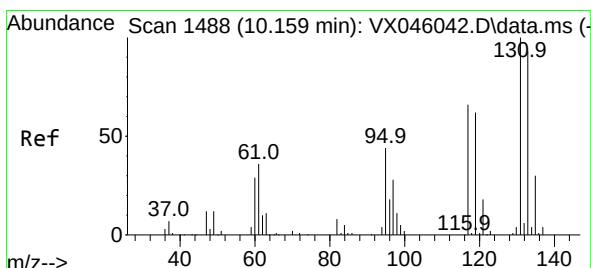
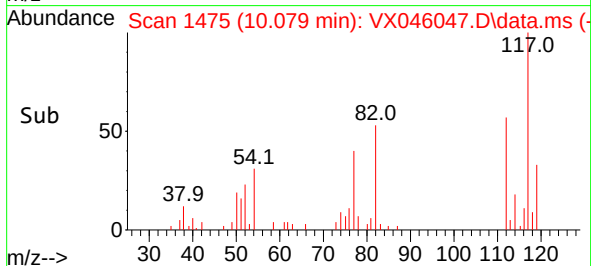
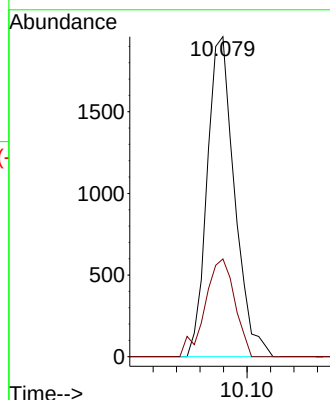
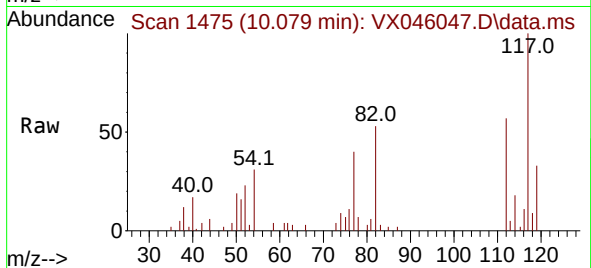




#65
Chlorobenzene
Concen: 0.735 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

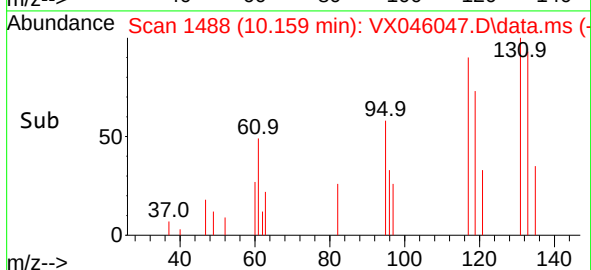
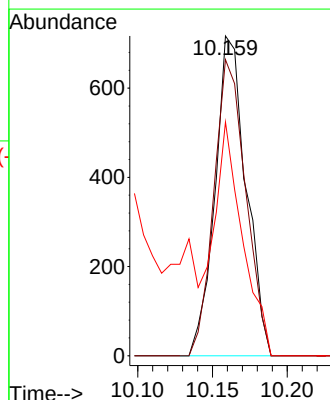
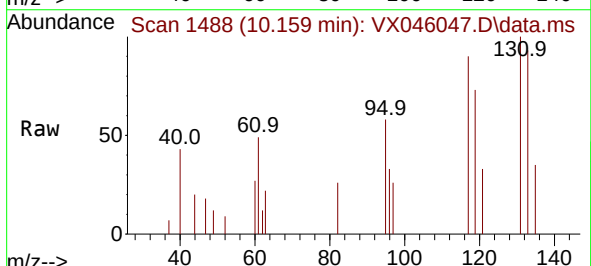
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

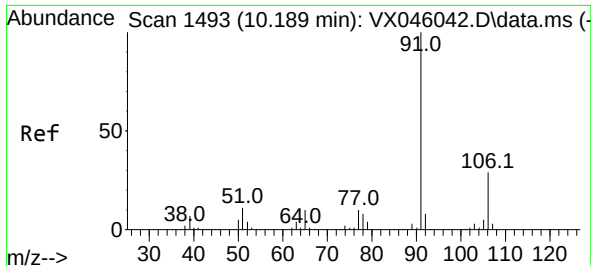
Tgt Ion:112 Resp: 3170
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.720 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:131 Resp: 1035
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 0.687 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

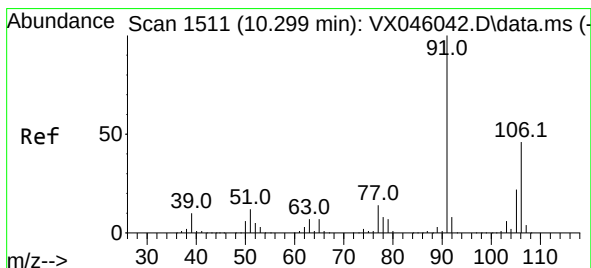
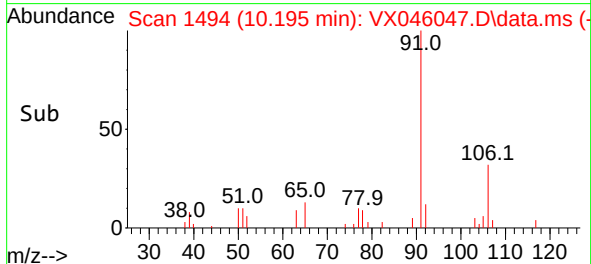
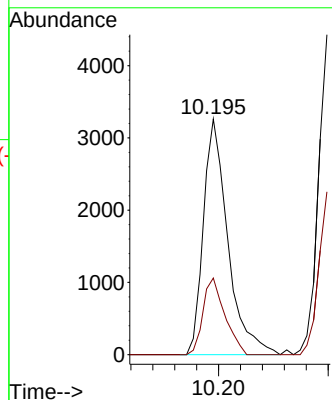
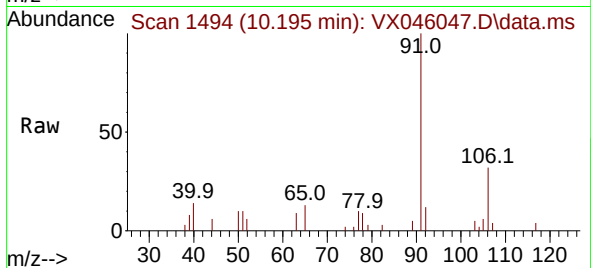
VSTDIC001

Tgt Ion: 91 Resp: 5052

Ion Ratio Lower Upper

91 100

106 32.5 23.4 35.2



#68

m/p-Xylenes

Concen: 1.367 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046047.D

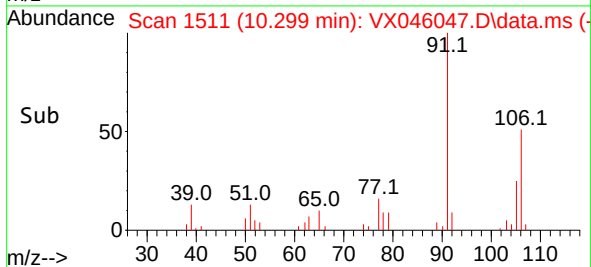
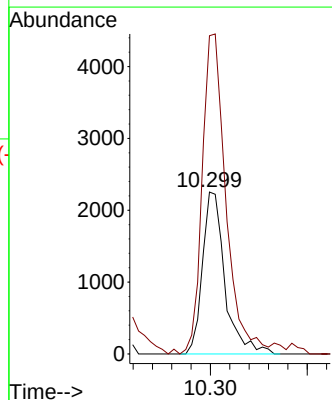
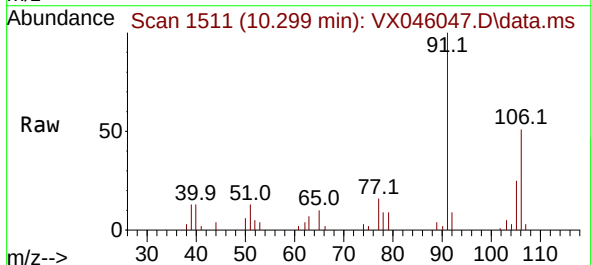
Acq: 05 May 2025 16:27

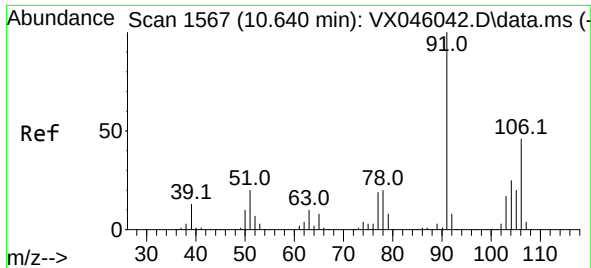
Tgt Ion:106 Resp: 3630

Ion Ratio Lower Upper

106 100

91 209.8 171.2 256.8

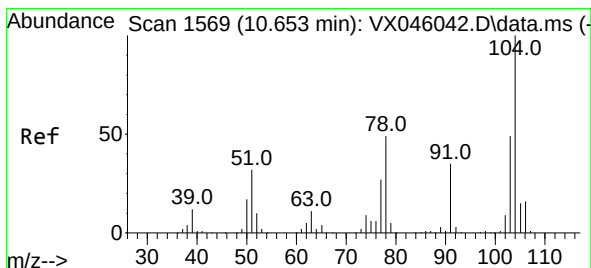
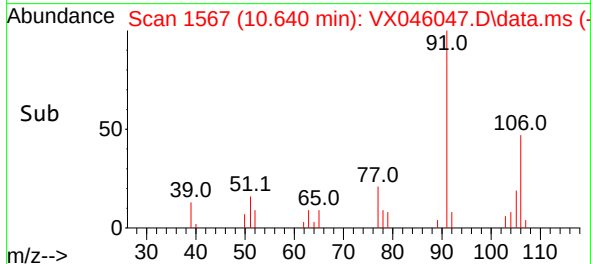
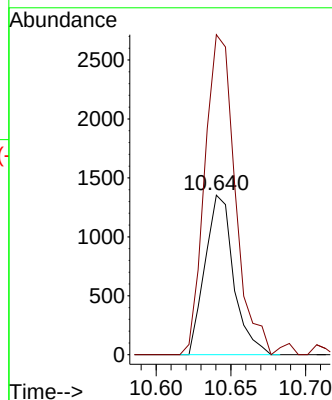
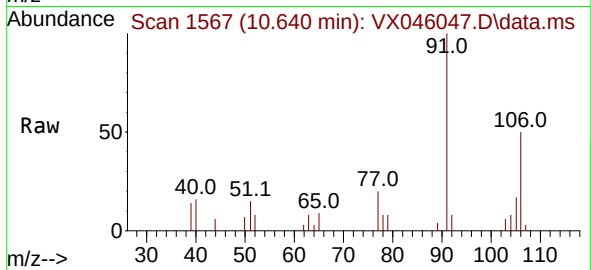




#69
o-Xylene
Concen: 0.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

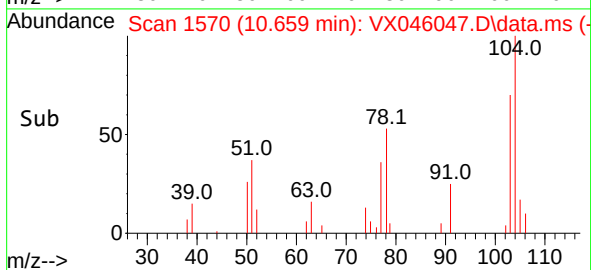
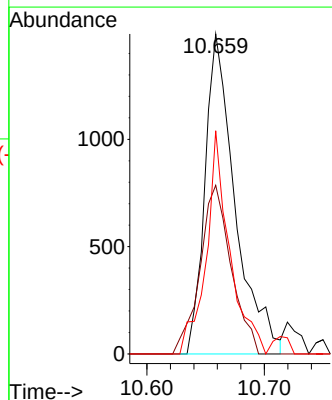
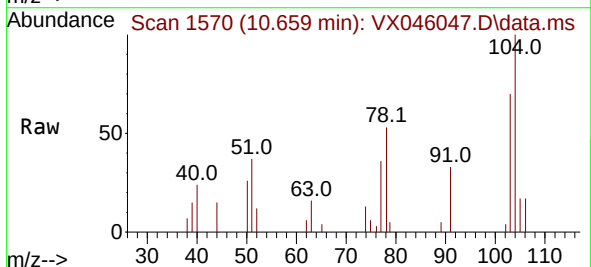
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

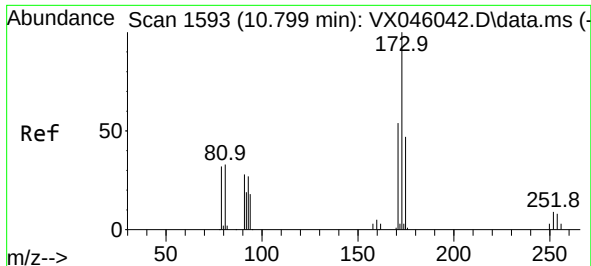
Tgt Ion:106 Resp: 1799
Ion Ratio Lower Upper
106 100
91 214.9 112.7 338.1



#70
Styrene
Concen: 0.622 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:104 Resp: 2664
Ion Ratio Lower Upper
104 100
78 54.3 45.7 68.5
103 53.9 43.7 65.5

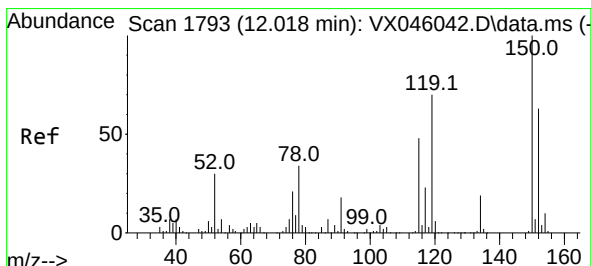
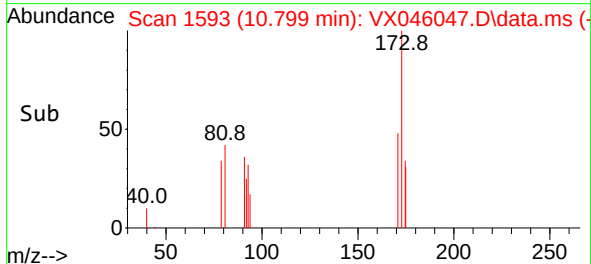
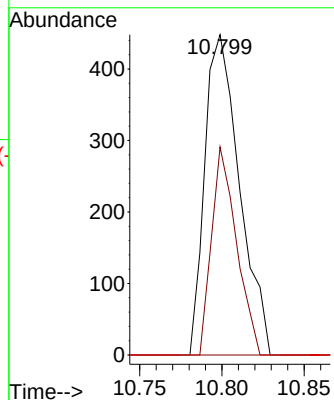
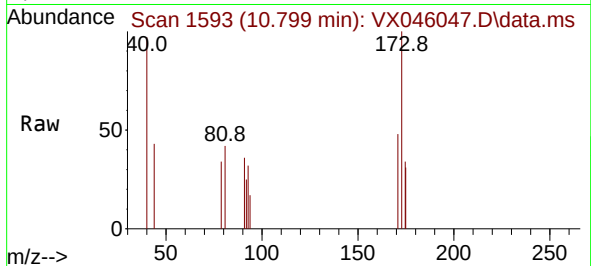




#71
Bromoform
Concen: 0.608 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

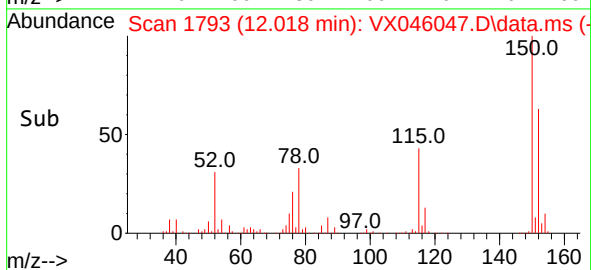
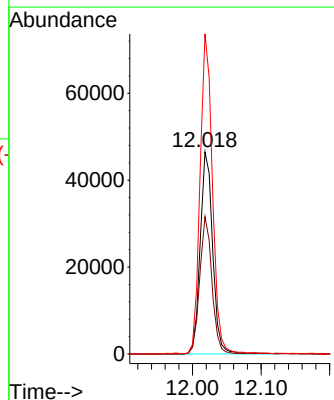
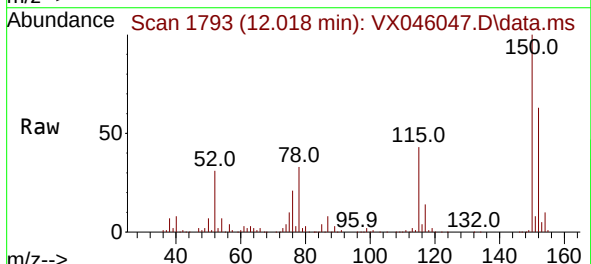
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

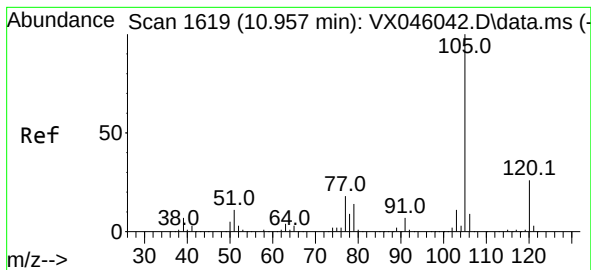
Tgt Ion:173 Resp: 657
Ion Ratio Lower Upper
173 100
175 46.6 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:152 Resp: 59123
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 156.3 0.0 351.0





#73

Isopropylbenzene

Concen: 0.695 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

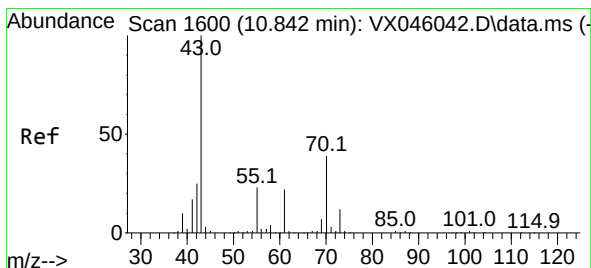
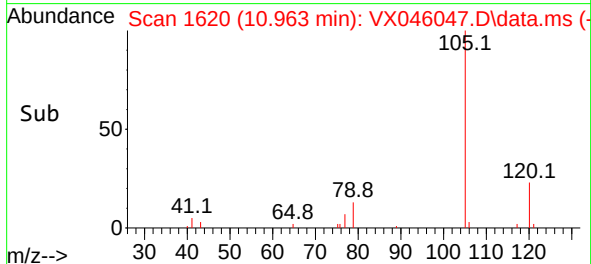
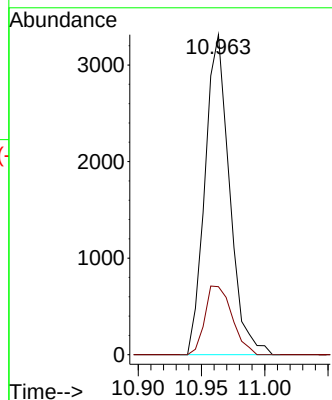
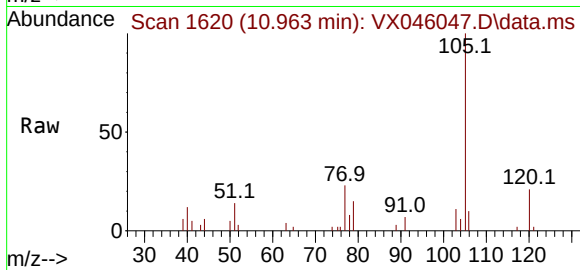
VSTDIC001

Tgt Ion:105 Resp: 4480

Ion Ratio Lower Upper

105 100

120 23.7 12.8 38.4



#74

N-ethyl acetate

Concen: 0.631 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Tgt Ion: 43 Resp: 2028

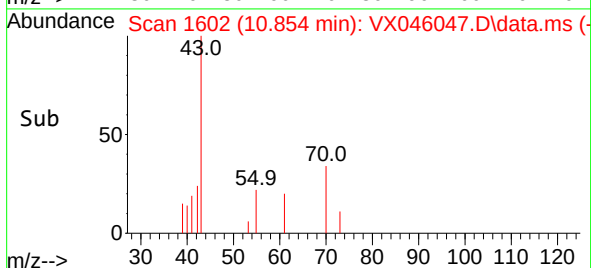
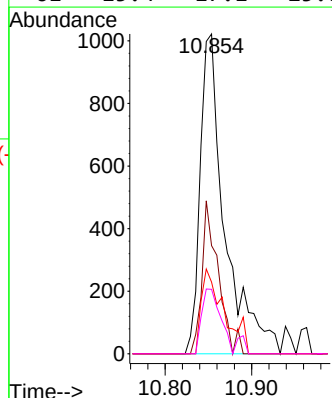
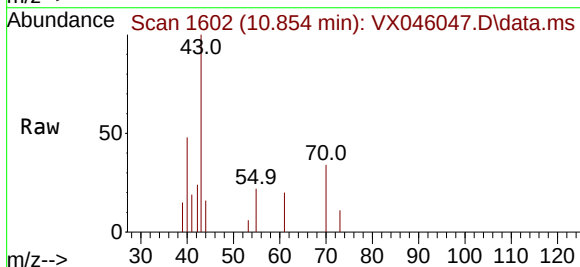
Ion Ratio Lower Upper

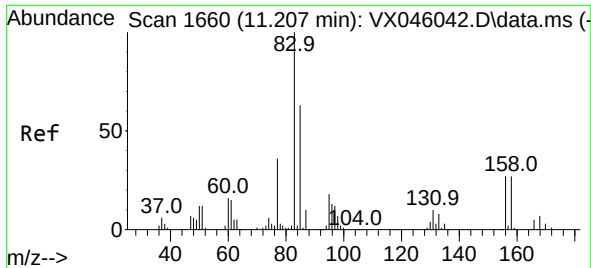
43 100

70 31.5 30.9 46.3

55 24.5 18.7 28.1

61 15.4 17.1 25.7#

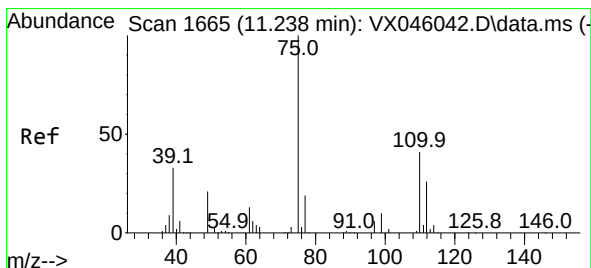
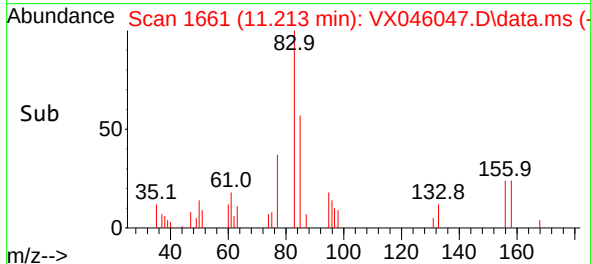
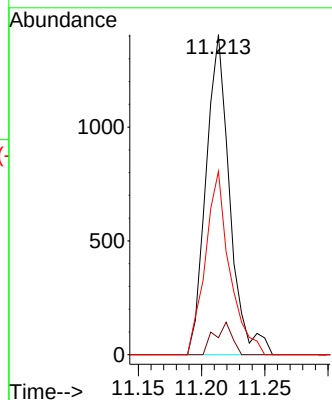
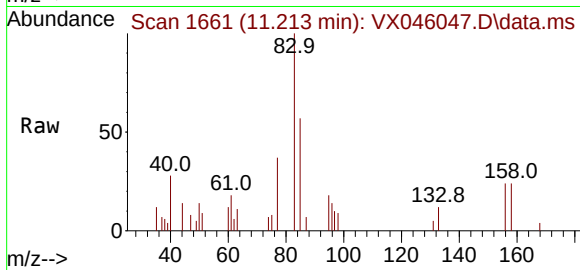




#75
1,1,2,2-Tetrachloroethane
Concen: 0.800 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

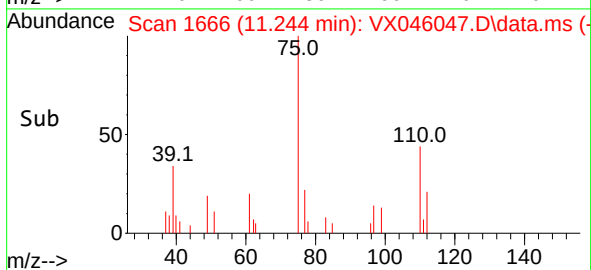
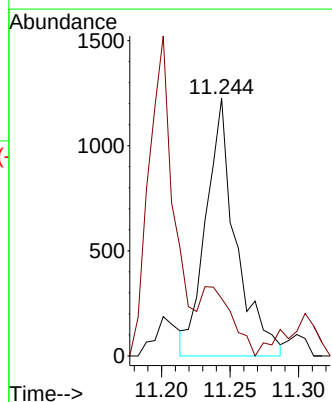
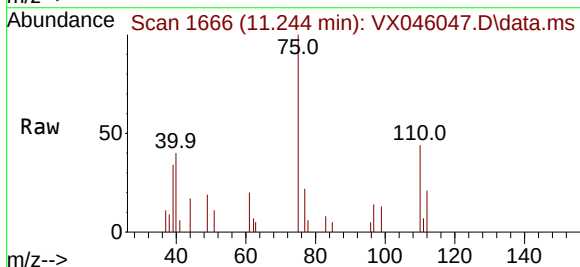
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

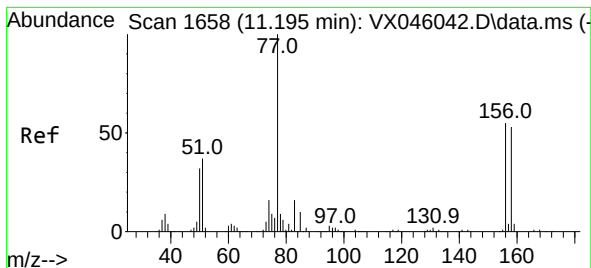
Tgt Ion: 83 Resp: 1835
Ion Ratio Lower Upper
83 100
131 7.5 5.0 14.9
85 58.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 0.754 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75 Resp: 1858
Ion Ratio Lower Upper
75 100
77 26.5 20.5 61.5





#77

Bromobenzene

Concen: 0.734 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

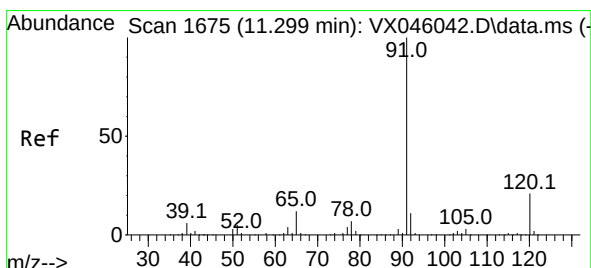
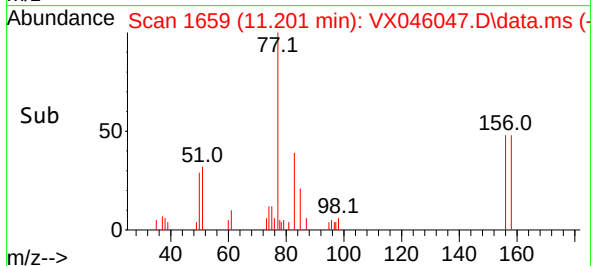
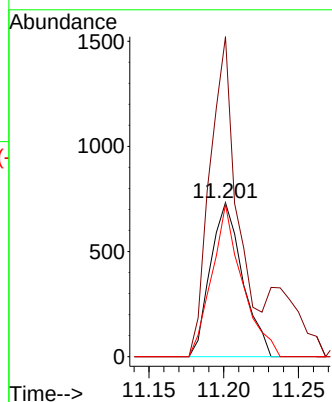
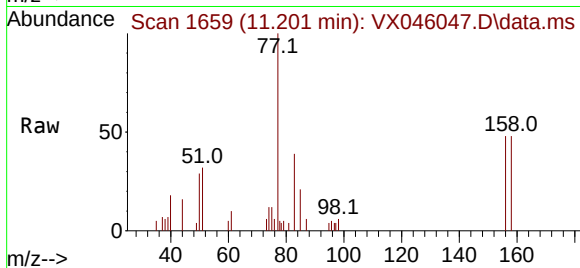
Tgt Ion:156 Resp: 1095

Ion Ratio Lower Upper

156 100

77 179.5 92.8 278.3

158 93.5 48.8 146.3



#78

n-propylbenzene

Concen: 0.699 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046047.D

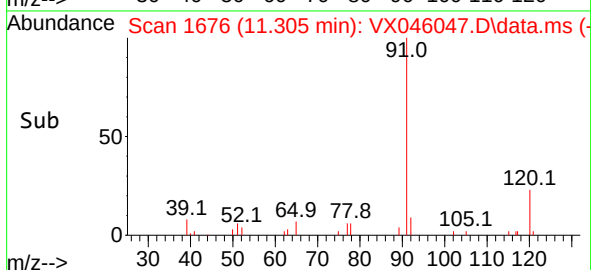
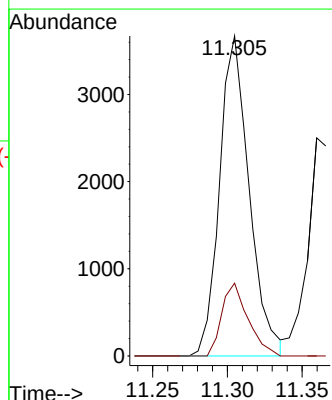
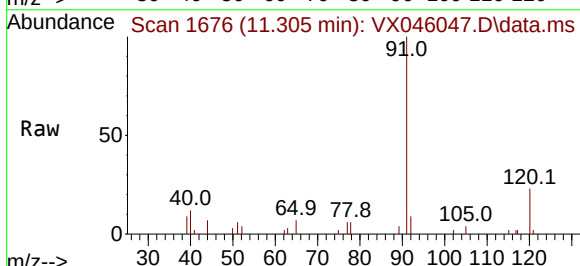
Acq: 05 May 2025 16:27

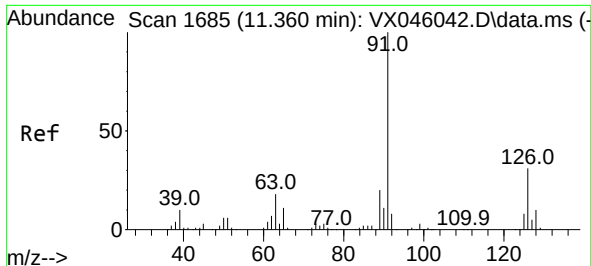
Tgt Ion: 91 Resp: 5052

Ion Ratio Lower Upper

91 100

120 20.1 10.8 32.4

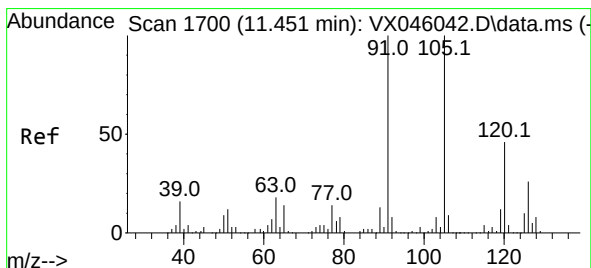
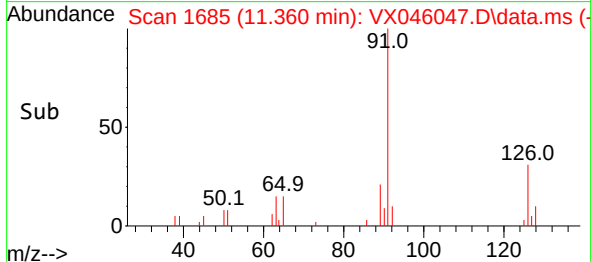
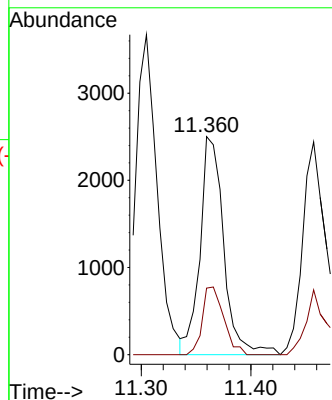
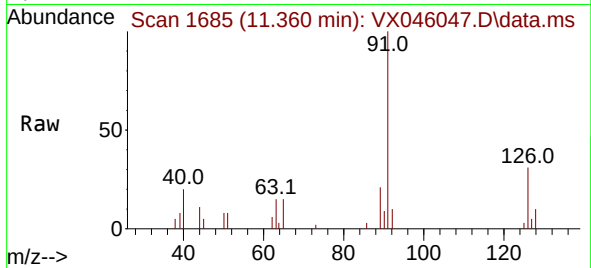




#79
2-Chlorotoluene
Concen: 0.773 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

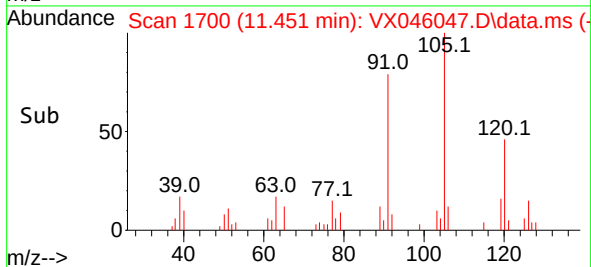
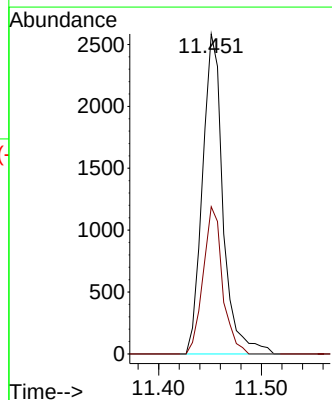
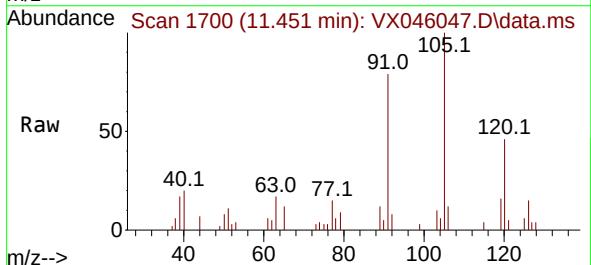
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

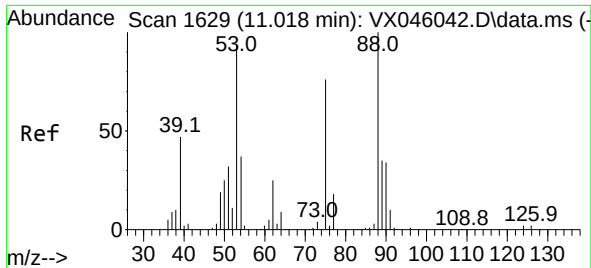
Tgt Ion: 91 Resp: 3765
Ion Ratio Lower Upper
91 100
126 28.0 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 0.671 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 105 Resp: 3590
Ion Ratio Lower Upper
105 100
120 43.4 23.1 69.2

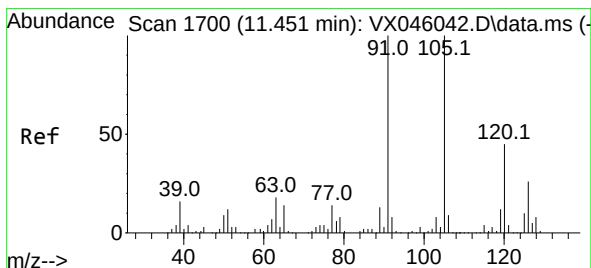
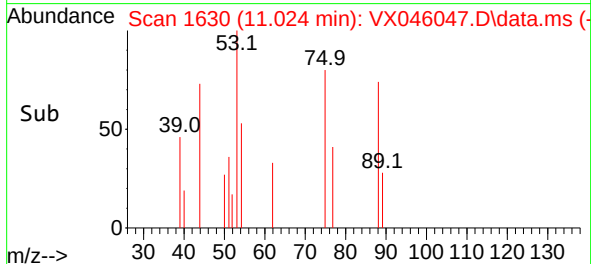
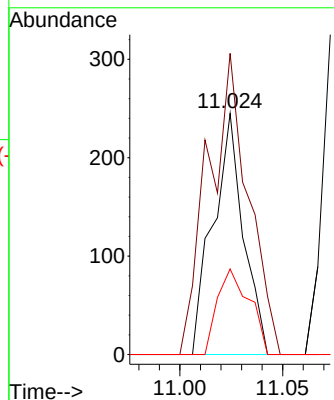
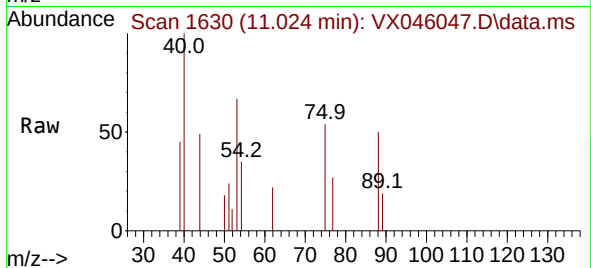




#81
trans-1,4-Dichloro-2-butene
Concen: 0.425 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

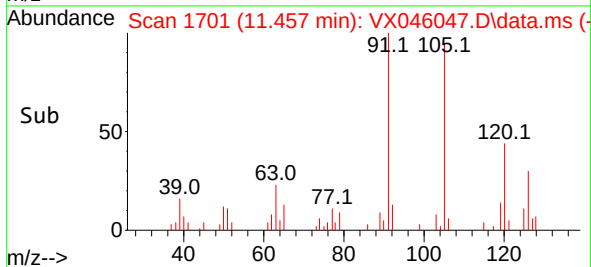
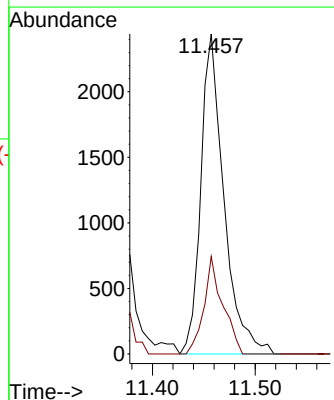
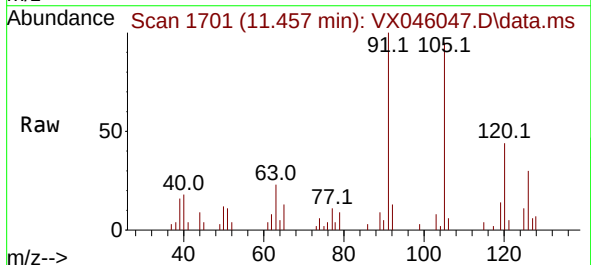
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

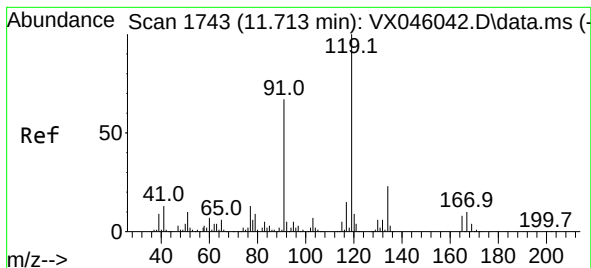
Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
53 164.7 100.5 150.7#
89 37.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 0.713 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 91 Resp: 3815
Ion Ratio Lower Upper
91 100
126 24.8 13.3 39.8





#83

tert-Butylbenzene

Concen: 0.751 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

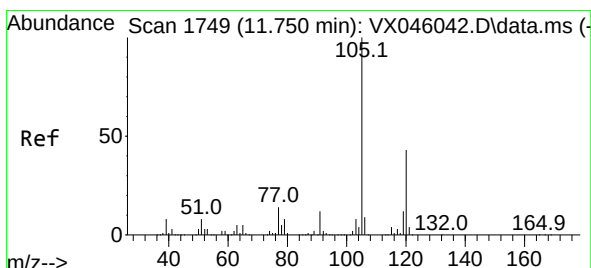
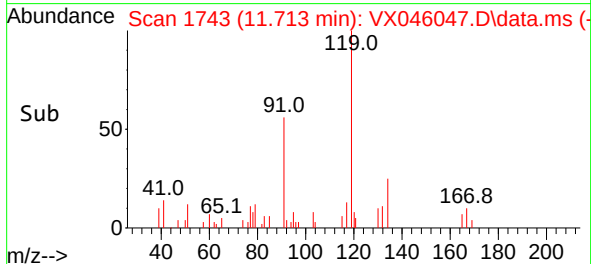
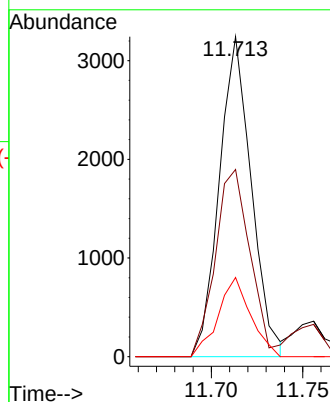
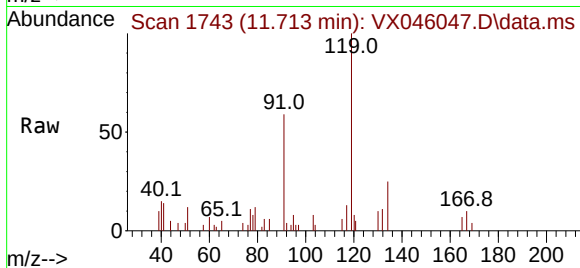
Tgt Ion:119 Resp: 3951

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.7

134 25.2 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 0.697 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX046047.D

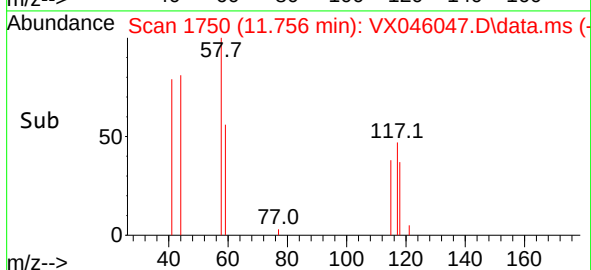
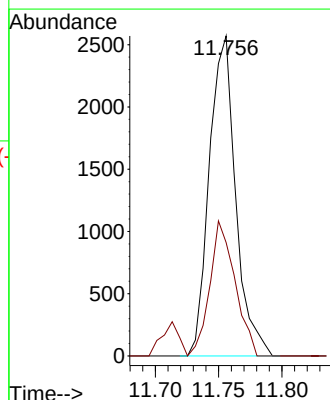
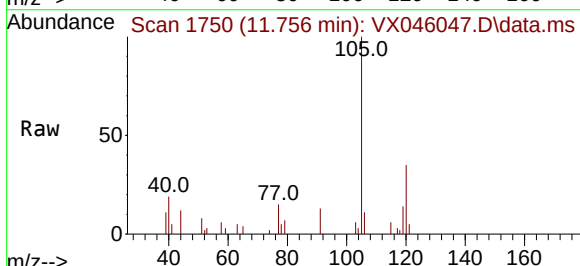
Acq: 05 May 2025 16:27

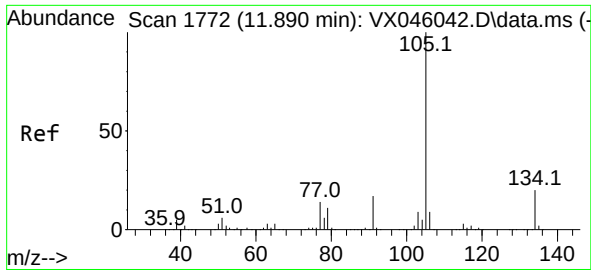
Tgt Ion:105 Resp: 3725

Ion Ratio Lower Upper

105 100

120 40.3 21.2 63.6

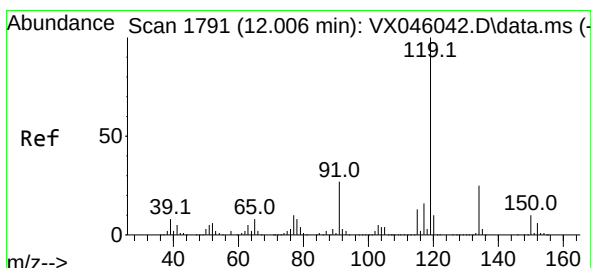
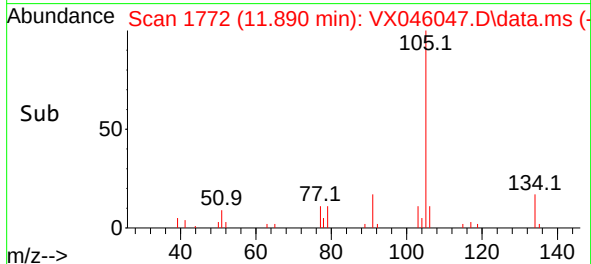
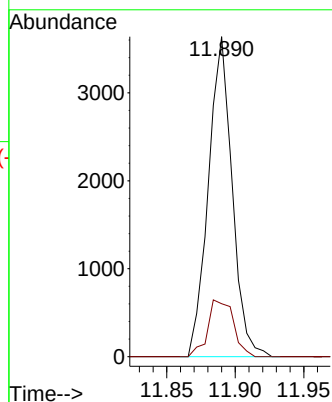
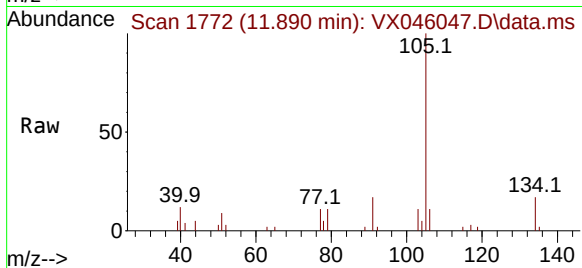




#85
 sec-Butylbenzene
 Concen: 0.672 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

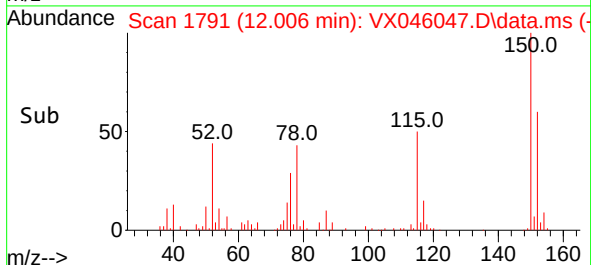
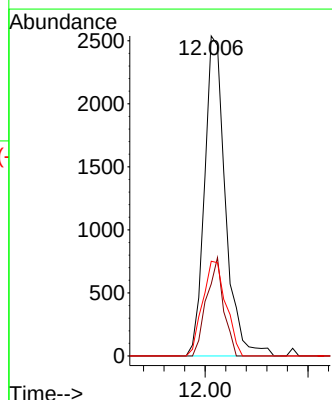
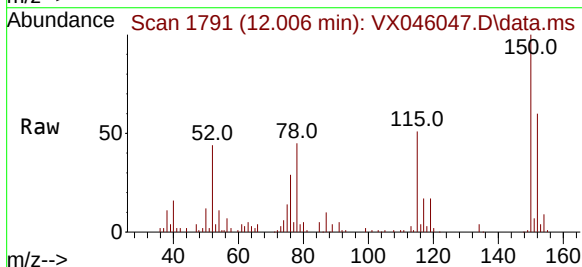
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

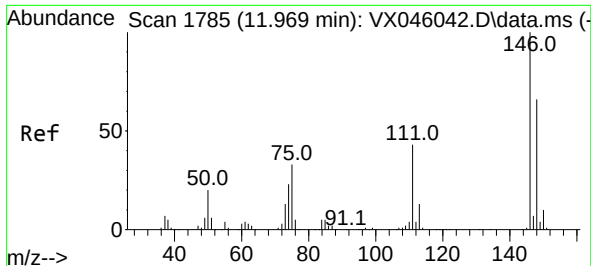
Tgt Ion:105 Resp: 4385
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.679 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion:119 Resp: 3577
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 33.1 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 0.689 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

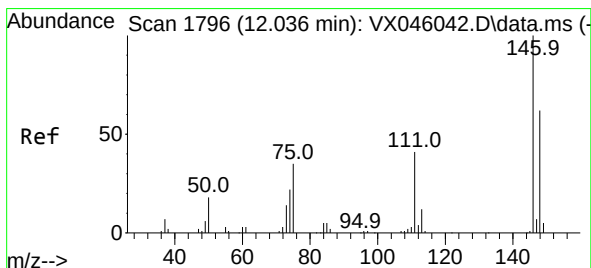
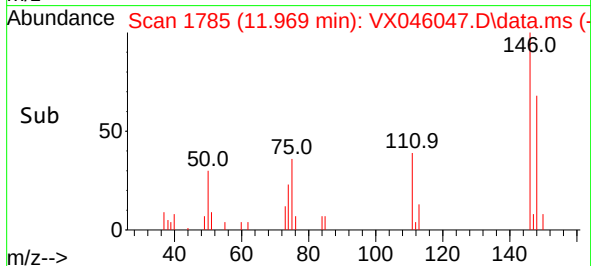
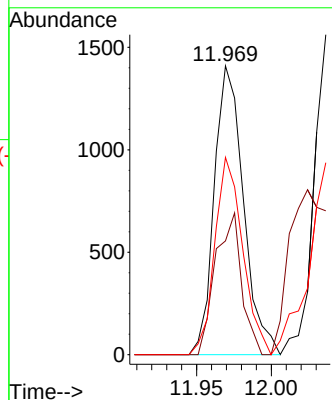
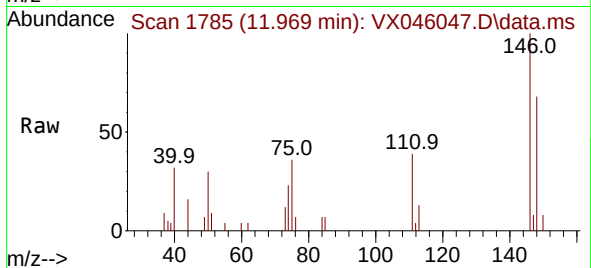
Tgt Ion:146 Resp: 1914

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 65.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 0.703 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

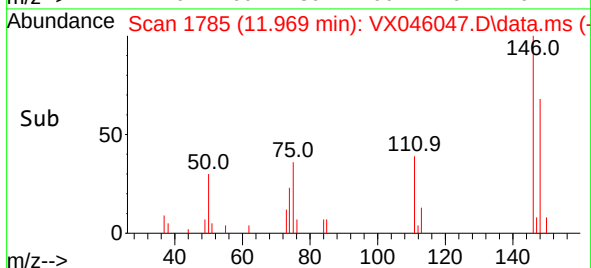
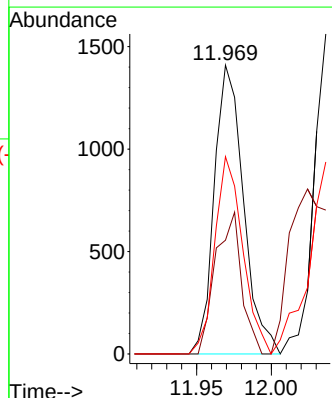
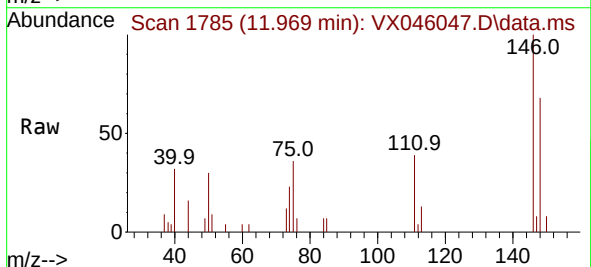
Tgt Ion:146 Resp: 1914

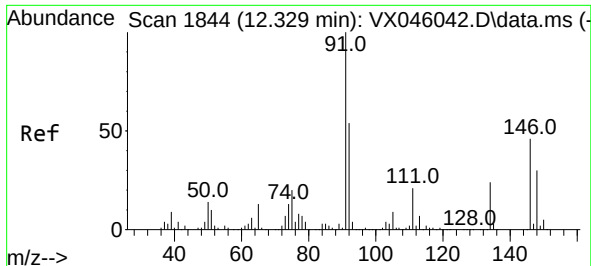
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.9

148 65.3 31.9 95.5





#89

n-Butylbenzene

Concen: 0.631 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046047.D

Acq: 05 May 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

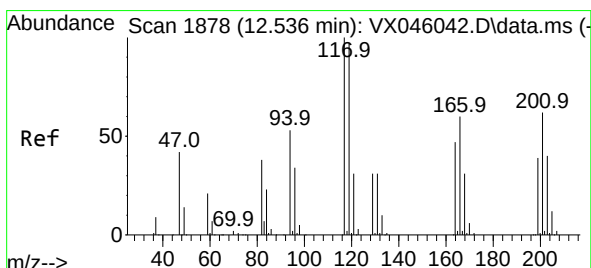
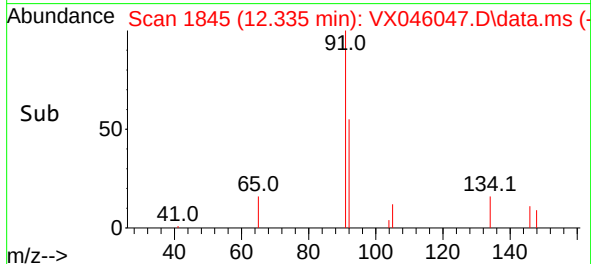
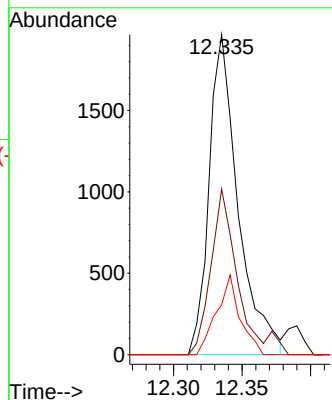
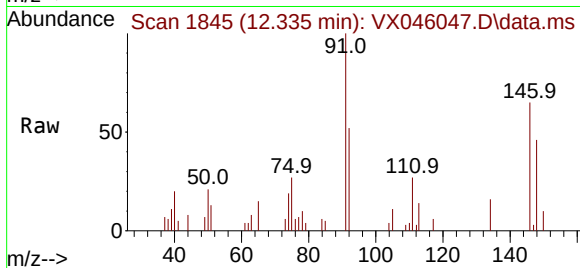
Tgt Ion: 91 Resp: 2889

Ion Ratio Lower Upper

91 100

92 48.1 26.9 80.7

134 20.1 11.8 35.3



#90

Hexachloroethane

Concen: 0.616 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046047.D

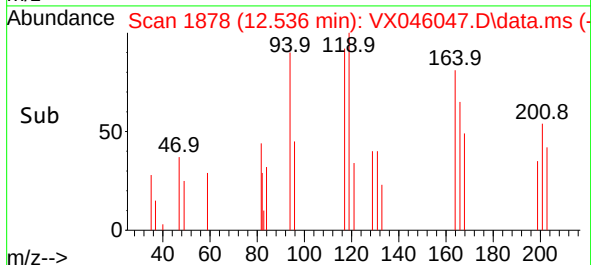
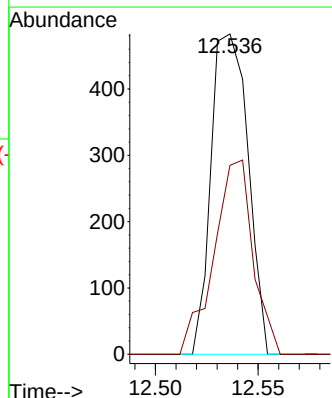
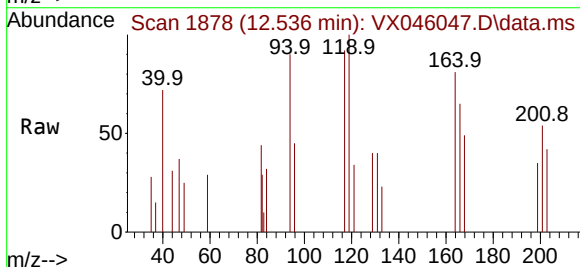
Acq: 05 May 2025 16:27

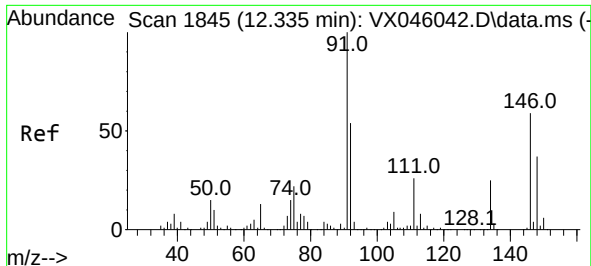
Tgt Ion: 117 Resp: 604

Ion Ratio Lower Upper

117 100

201 64.2 31.6 94.7

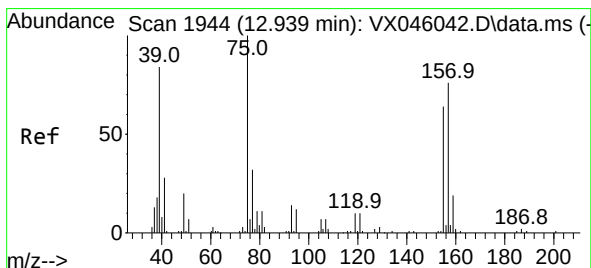
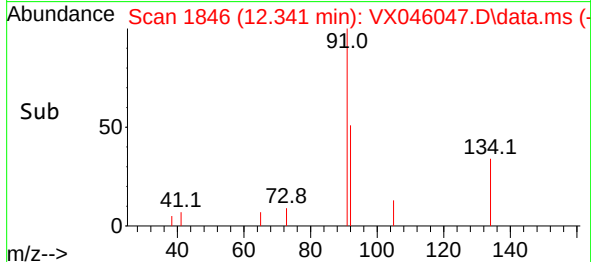
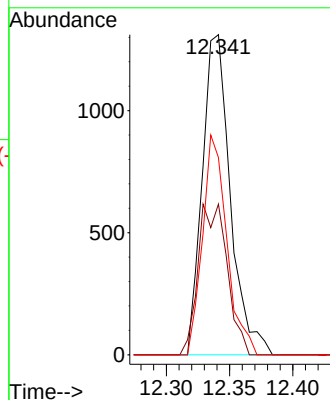
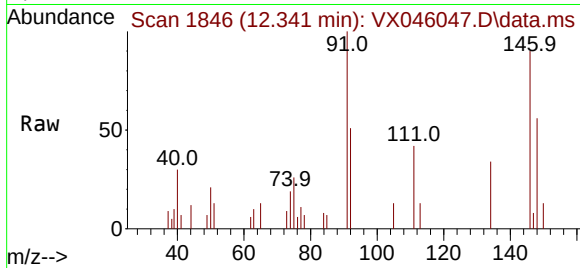




#91
1,2-Dichlorobenzene
Concen: 0.747 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

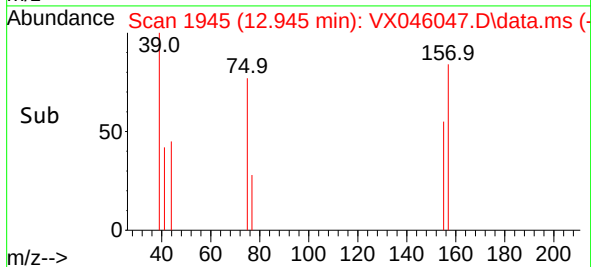
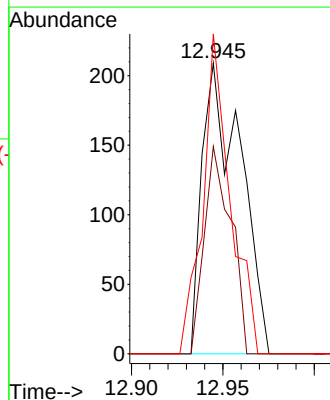
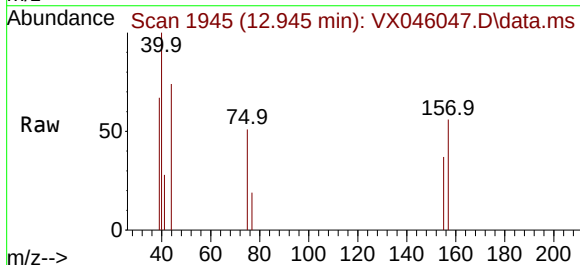
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

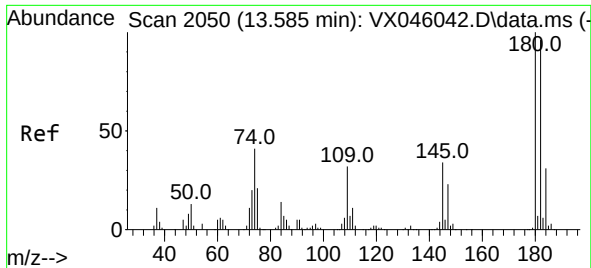
Tgt Ion:146	Resp:	2022
Ion	Ratio	Lower Upper
146	100	
111	48.8	22.4 67.3
148	59.4	31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.586 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion: 75	Resp:	306
Ion	Ratio	Lower Upper
75	100	
155	49.3	34.9 104.8
157	78.1	43.8 131.4

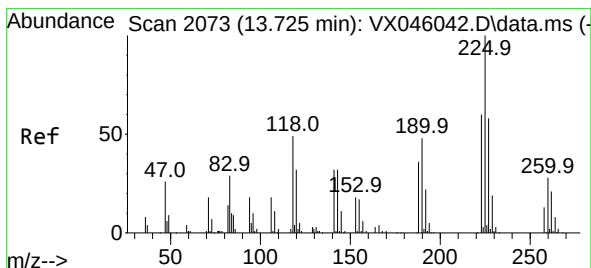
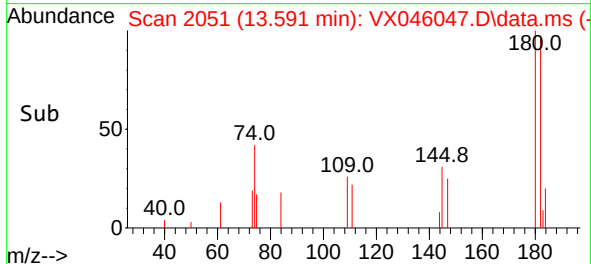
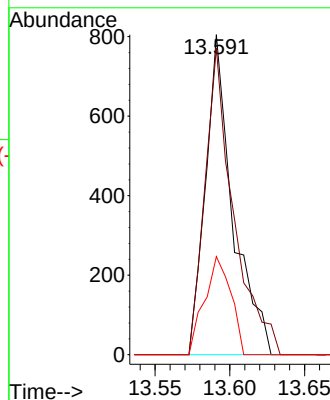
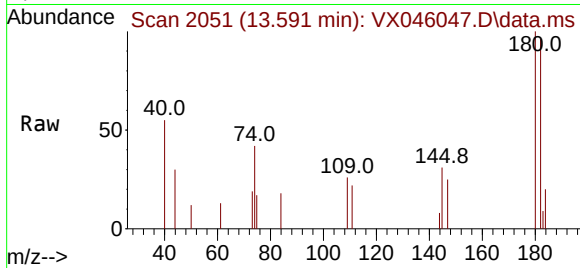




#93
 1,2,4-Trichlorobenzene
 Concen: 0.688 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

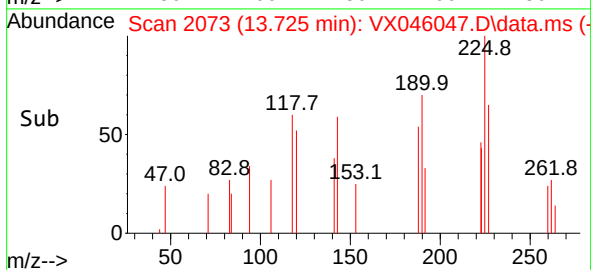
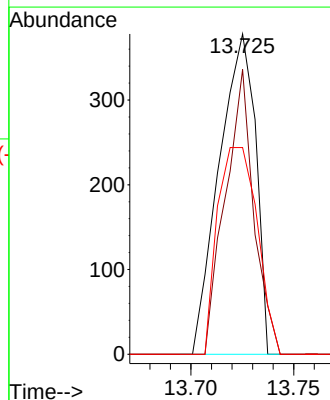
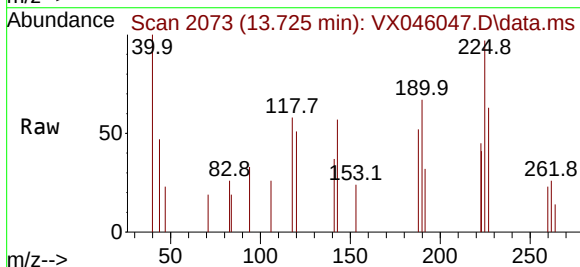
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

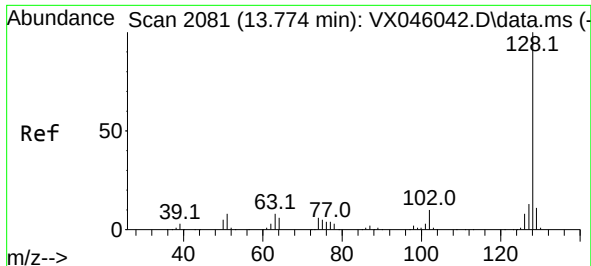
Tgt Ion:180 Resp: 1019
 Ion Ratio Lower Upper
 180 100
 182 100.6 47.9 143.8
 145 29.5 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 0.671 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX046047.D
 Acq: 05 May 2025 16:27

Tgt Ion:225 Resp: 465
 Ion Ratio Lower Upper
 225 100
 223 69.7 30.8 92.4
 227 70.5 30.9 92.7

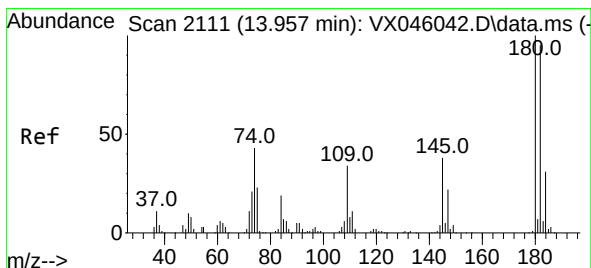
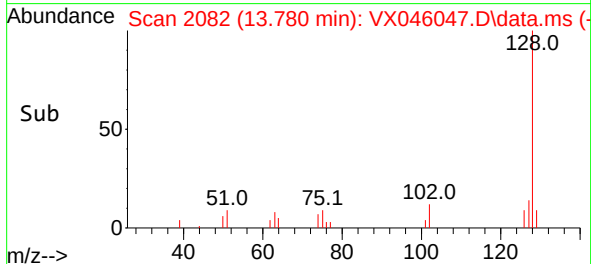
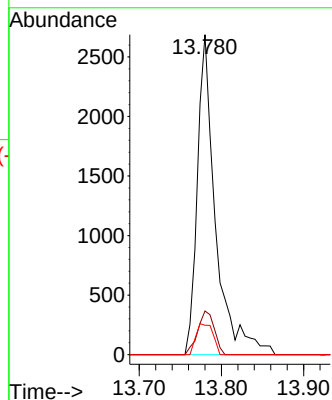
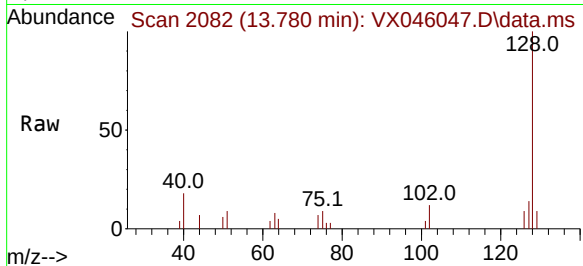




#95
Naphthalene
Concen: 0.767 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 4138
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 8.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.716 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046047.D
Acq: 05 May 2025 16:27

Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 92.5 47.8 143.3
145 32.5 18.1 54.3

