

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046040.D
 Acq On : 05 May 2025 11:12
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 06 06:07:48 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	5.550	168	68762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	5958	2.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	5.820%#
35) Dibromofluoromethane	5.379	113	3893	2.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	5.700%#
50) Toluene-d8	8.647	98	12836	2.789	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	5.580%#
62) 4-Bromofluorobenzene	11.079	95	4463	2.665	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	5.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3813	2.512	ug/l	86
3) Chloromethane	1.307	50	3944	2.639	ug/l	92
4) Vinyl Chloride	1.374	62	3278	2.503	ug/l	90
5) Bromomethane	1.599	94	1834	2.762	ug/l	87
6) Chloroethane	1.673	64	1794	2.659	ug/l #	88
7) Trichlorofluoromethane	1.880	101	5308	2.661	ug/l	88
8) Diethyl Ether	2.130	74	1708	2.605	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	3040	2.551	ug/l	95
10) Methyl Iodide	2.447	142	3411	2.438	ug/l	95
11) Tert butyl alcohol	2.965	59	3001	12.309	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	3055	2.633	ug/l	95
13) Acrolein	2.233	56	3481	12.292	ug/l	92
14) Allyl chloride	2.660	41	5590	2.549	ug/l	98
15) Acrylonitrile	3.063	53	9431	12.930	ug/l	96
16) Acetone	2.380	43	9162	13.092	ug/l	98
17) Carbon Disulfide	2.502	76	6716	2.498	ug/l	97
18) Methyl Acetate	2.703	43	4477	2.680	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	10363	2.561	ug/l	96
20) Methylene Chloride	2.782	84	3931	2.773	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	3153	2.662	ug/l	96
22) Diisopropyl ether	3.758	45	10040	2.451	ug/l #	63
23) Vinyl Acetate	3.721	43	43567	12.034	ug/l	98
24) 1,1-Dichloroethane	3.599	63	6258	2.599	ug/l	98
25) 2-Butanone	4.568	43	12524	12.398	ug/l	97
26) 2,2-Dichloropropane	4.477	77	4640	2.544	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	3766	2.637	ug/l	93
28) Bromochloromethane	4.898	49	3661	2.859	ug/l	99
29) Tetrahydrofuran	5.013	42	8362	12.746	ug/l	97
30) Chloroform	5.093	83	6597	2.636	ug/l	90
31) Cyclohexane	5.465	56	4995	2.461	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	5541	2.568	ug/l	96
36) 1,1-Dichloropropene	5.690	75	3975	2.506	ug/l	99
37) Ethyl Acetate	4.733	43	5036	2.531	ug/l #	89
38) Carbon Tetrachloride	5.672	117	4610	2.530	ug/l	93
39) Methylcyclohexane	7.373	83	4812	2.421	ug/l	89
40) Benzene	6.032	78	12763	2.596	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2775	2.510	ug/l #	40
42) 1,2-Dichloroethane	6.092	62	5092	2.505	ug/l	100
43) Isopropyl Acetate	6.355	43	7325	2.408	ug/l	94
44) Trichloroethene	7.129	130	2953	2.541	ug/l	99
45) 1,2-Dichloropropane	7.434	63	3114	2.550	ug/l	91
46) Dibromomethane	7.580	93	2495	2.591	ug/l	96
47) Bromodichloromethane	7.824	83	4657	2.496	ug/l #	96
48) Methyl methacrylate	7.696	41	3749	2.401	ug/l	99
49) 1,4-Dioxane	7.665	88	1603	51.631	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	24334	12.199	ug/l	96
52) Toluene	8.720	92	7320	2.511	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	3482	2.222	ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	4399	2.407	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	3026	2.569	ug/l #	91
56) Ethyl methacrylate	9.122	69	4271	2.340	ug/l	98
57) 1,3-Dichloropropane	9.311	76	5402	2.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	8395	10.233	ug/l	98
59) 2-Hexanone	9.433	43	18672	12.333	ug/l	92
60) Dibromochloromethane	9.519	129	3111	2.426	ug/l	97
61) 1,2-Dibromoethane	9.610	107	3041	2.514	ug/l	100
64) Tetrachloroethene	9.275	164	2804	2.629	ug/l	88
65) Chlorobenzene	10.080	112	8429	2.623	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	2694	2.513	ug/l	88
67) Ethyl Benzene	10.195	91	13547	2.472	ug/l	95
68) m/p-Xylenes	10.299	106	9670	4.886	ug/l	93
69) o-Xylene	10.640	106	5020	2.516	ug/l	99
70) Styrene	10.659	104	7611	2.384	ug/l	96
71) Bromoform	10.799	173	1914	2.377	ug/l #	98
73) Isopropylbenzene	10.957	105	12530	2.554	ug/l	98
74) N-amyl acetate	10.842	43	6102	2.495	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.207	83	4765	2.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5118	2.729	ug/l	92
77) Bromobenzene	11.195	156	2950	2.599	ug/l	98
78) n-propylbenzene	11.305	91	13477	2.451	ug/l	97
79) 2-Chlorotoluene	11.360	91	9846	2.657	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	10301	2.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1069	2.372	ug/l	97
82) 4-Chlorotoluene	11.457	91	10425	2.559	ug/l	100
83) tert-Butylbenzene	11.713	119	10093	2.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10163	2.498	ug/l	98
85) sec-Butylbenzene	11.890	105	12342	2.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	9696	2.418	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	5533	2.617	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	5348	2.581	ug/l	87
89) n-Butylbenzene	12.335	91	8149	2.338	ug/l	98
90) Hexachloroethane	12.536	117	1874	2.512	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	5315	2.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1007	2.535	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2639	2.341	ug/l	98
94) Hexachlorobutadiene	13.725	225	1375	2.607	ug/l	96
95) Naphthalene	13.774	128	9667	2.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2839	2.401	ug/l	95

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ClientSampleId :
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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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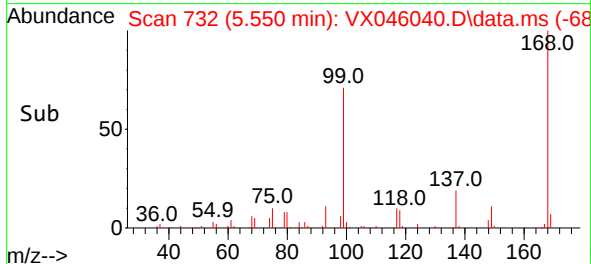
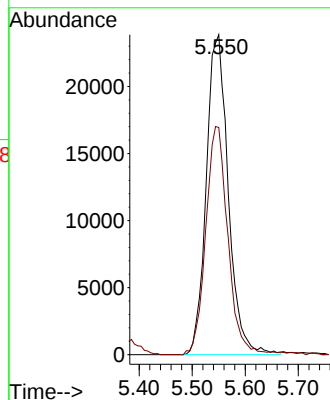
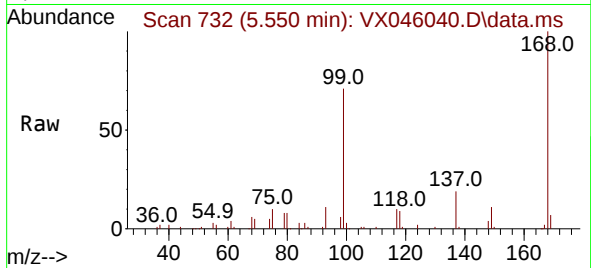




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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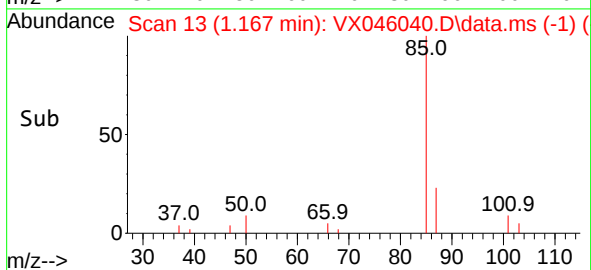
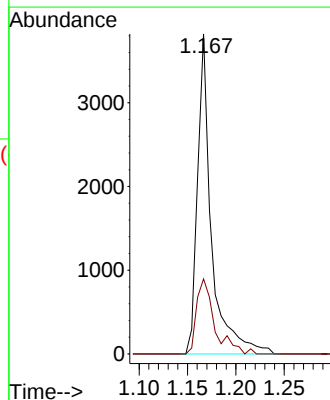
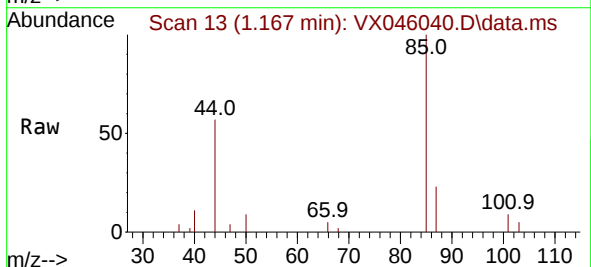
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 68762
Ion Ratio Lower Upper
168 100
99 71.0 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 2.512 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 85 Resp: 3813
Ion Ratio Lower Upper
85 100
87 23.4 15.7 47.1

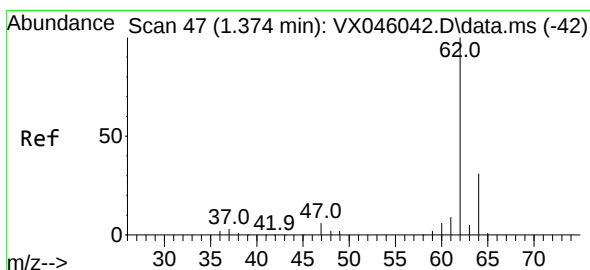
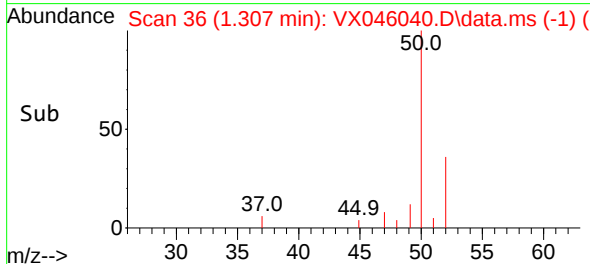
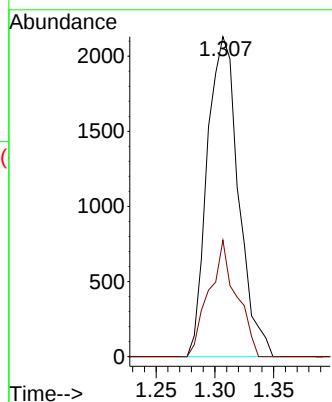
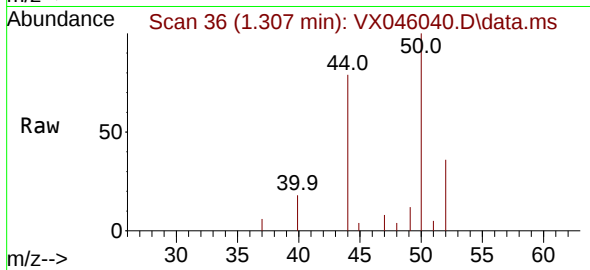




#3
Chloromethane
Concen: 2.639 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

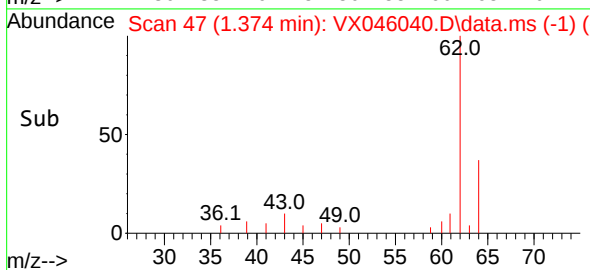
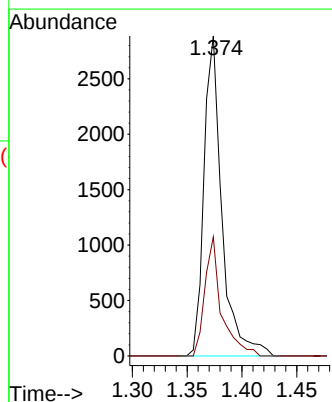
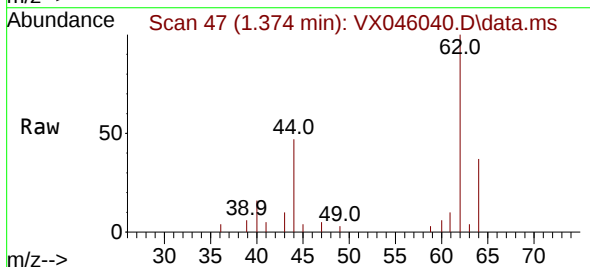
Instrument :
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VSTDIC005

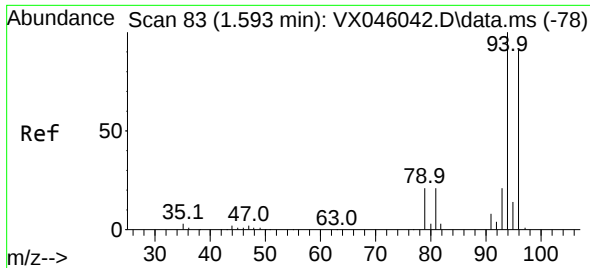
Tgt Ion: 50 Resp: 3944
Ion Ratio Lower Upper
50 100
52 36.4 25.4 38.2



#4
Vinyl Chloride
Concen: 2.503 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 62 Resp: 3278
Ion Ratio Lower Upper
62 100
64 37.2 25.2 37.8

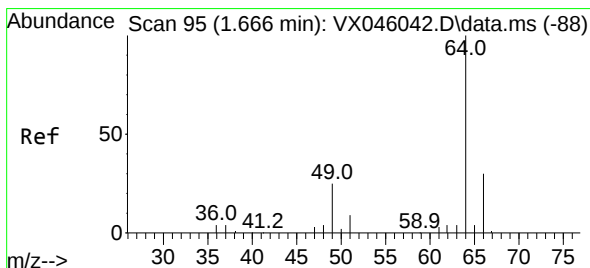
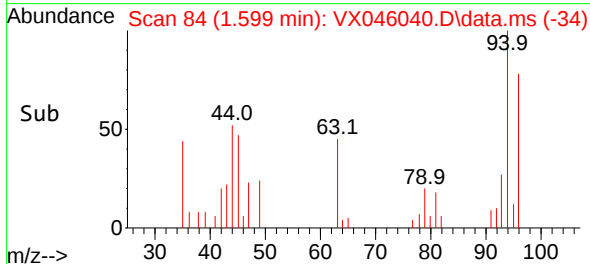
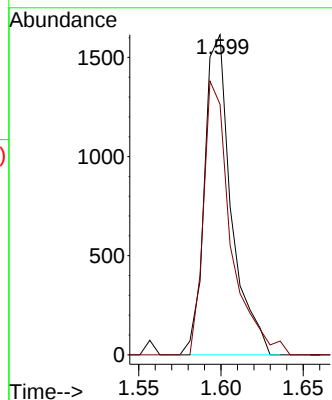
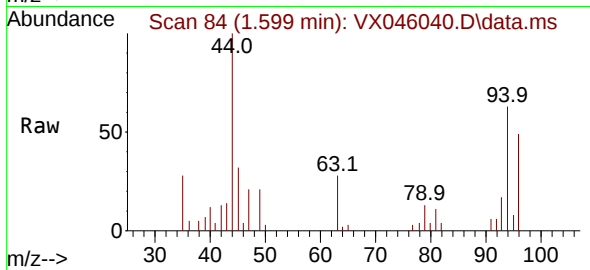




#5
 Bromomethane
 Concen: 2.762 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

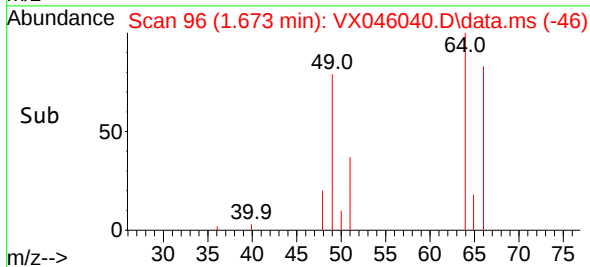
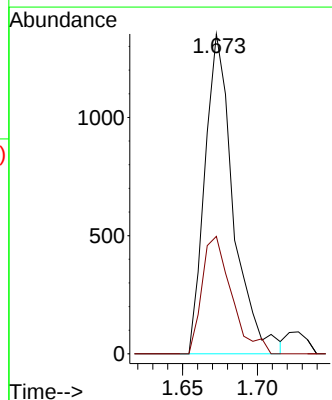
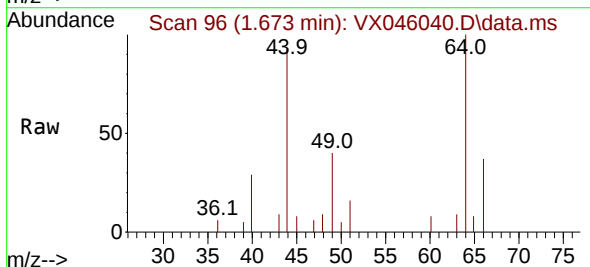
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 94 Resp: 1834
 Ion Ratio Lower Upper
 94 100
 96 78.3 72.8 109.2



#6
 Chloroethane
 Concen: 2.659 ug/l
 RT: 1.673 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion: 64 Resp: 1794
 Ion Ratio Lower Upper
 64 100
 66 36.7 24.3 36.5

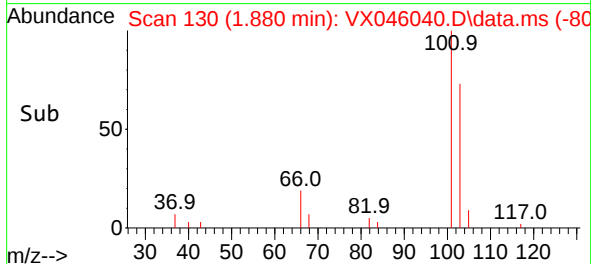
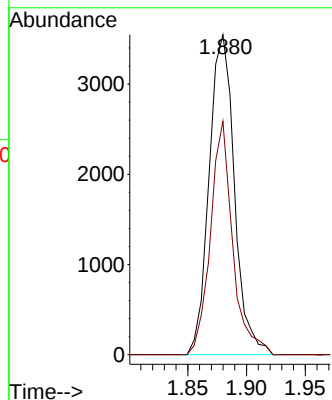
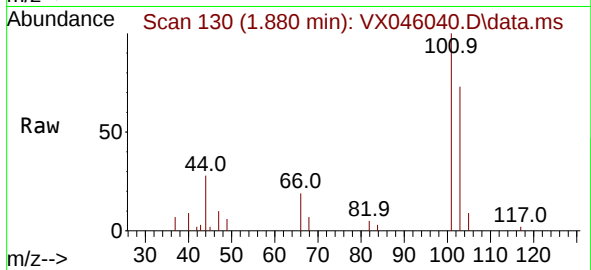




#7
Trichlorofluoromethane
Concen: 2.661 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

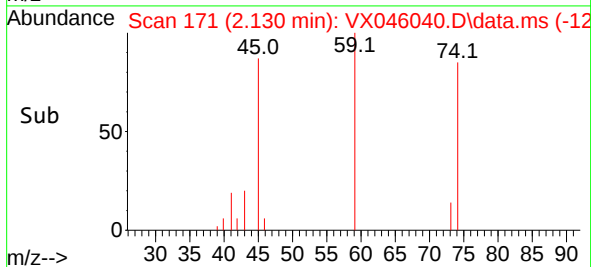
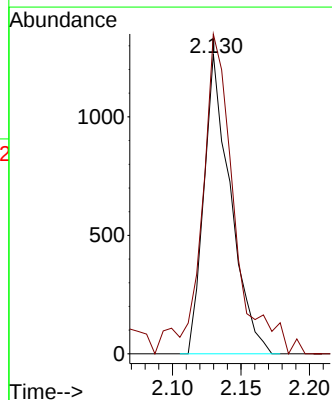
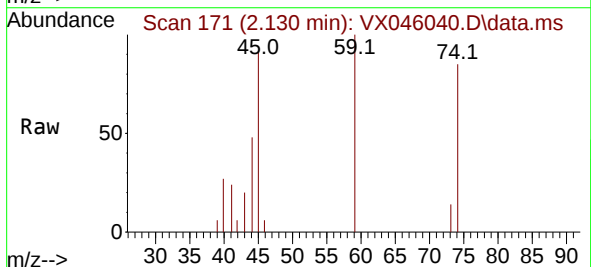
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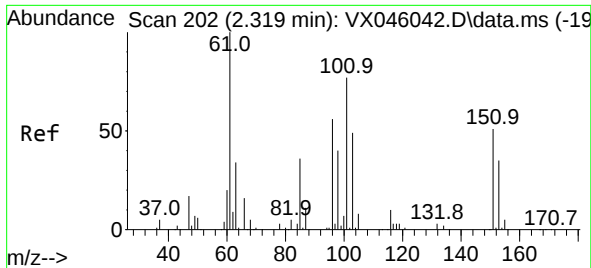
Tgt Ion:101 Resp: 5308
Ion Ratio Lower Upper
101 100
103 72.9 51.0 76.4



#8
Diethyl Ether
Concen: 2.605 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 74 Resp: 1708
Ion Ratio Lower Upper
74 100
45 129.5 54.9 164.8

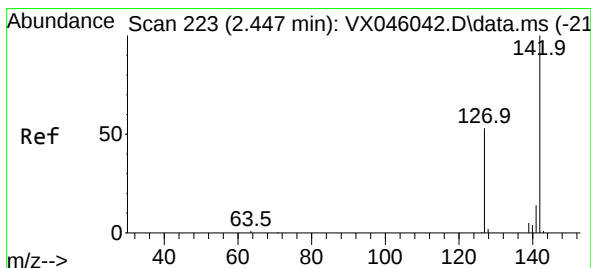
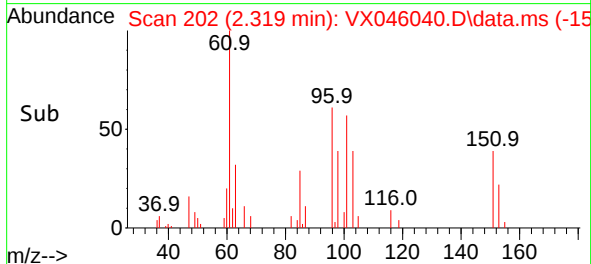
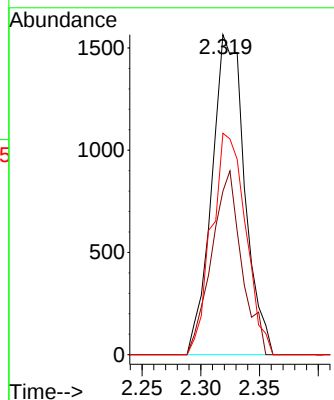
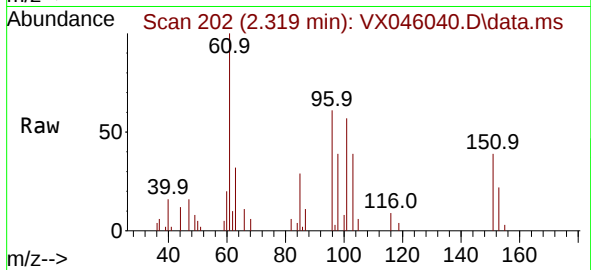




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.551 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046040.D
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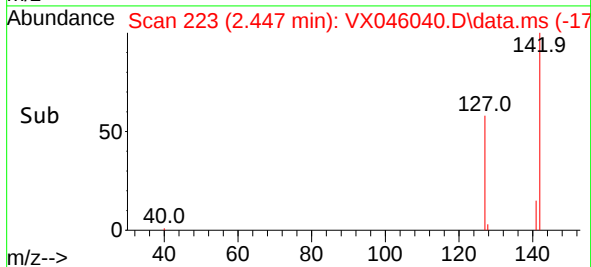
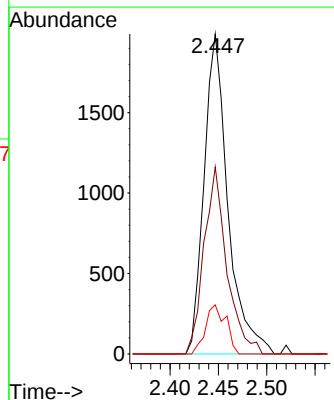
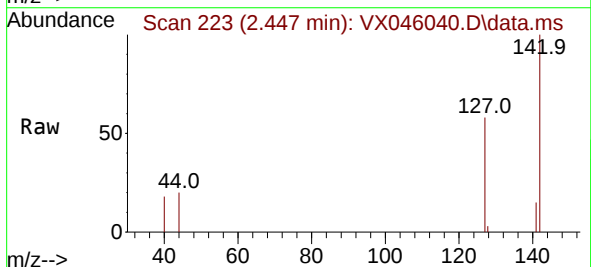
Instrument :
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VSTDIC005

Tgt Ion:101 Resp: 3040
Ion Ratio Lower Upper
101 100
85 52.7 38.6 58.0
151 71.7 55.2 82.8



#10
Methyl Iodide
Concen: 2.438 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:142 Resp: 3411
Ion Ratio Lower Upper
142 100
127 56.0 41.7 62.5
141 13.1 11.5 17.3

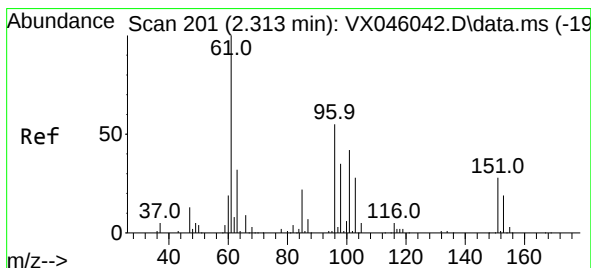
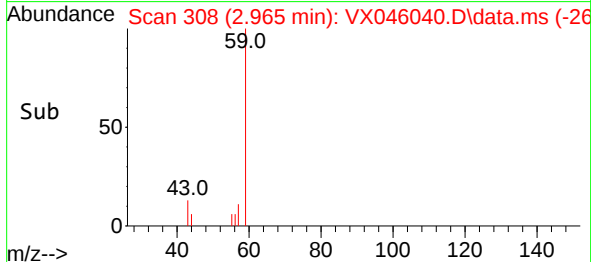
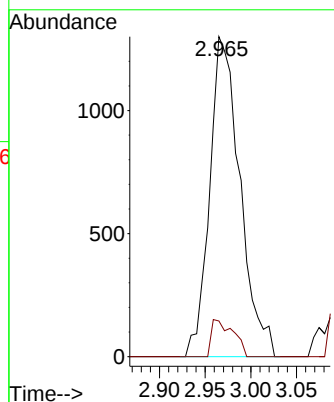
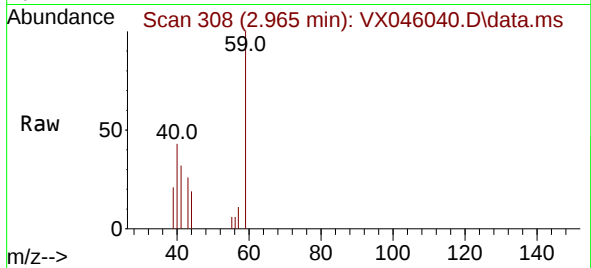




#11
Tert butyl alcohol
Concen: 12.309 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

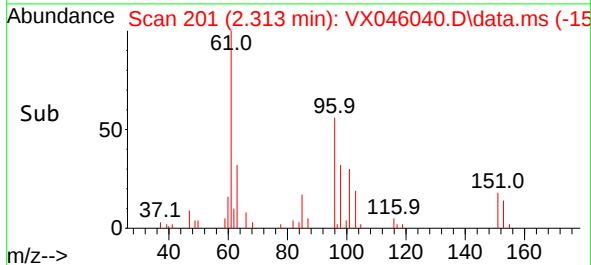
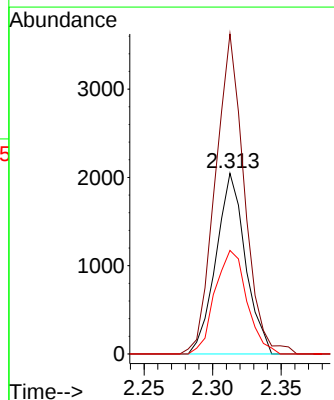
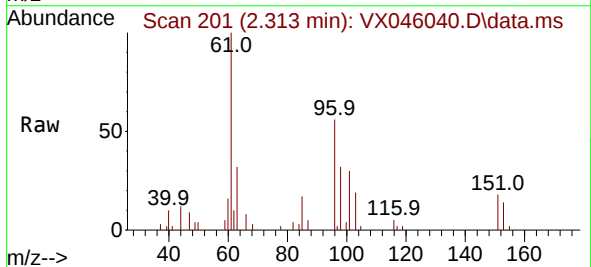
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 3001
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.633 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 96 Resp: 3055
Ion Ratio Lower Upper
96 100
61 177.1 146.2 219.2
98 57.3 51.0 76.6

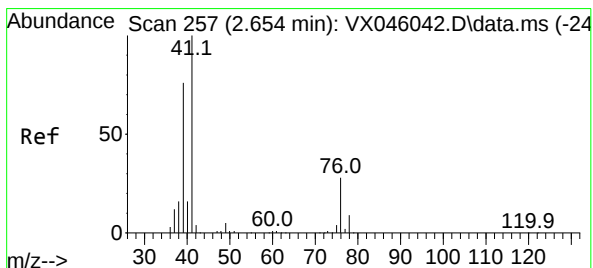
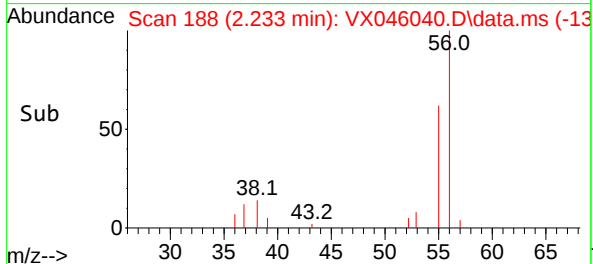
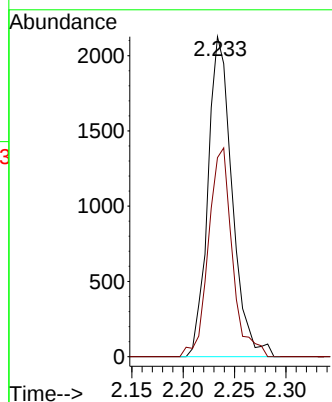
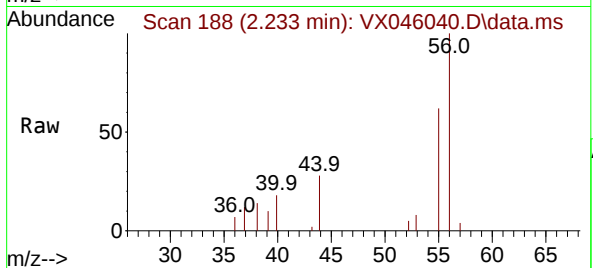




#13
Acrolein
Concen: 12.292 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

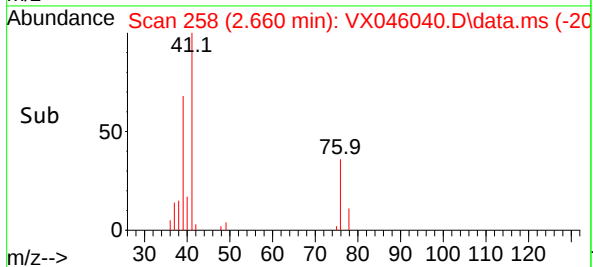
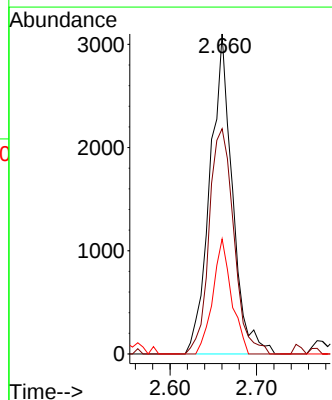
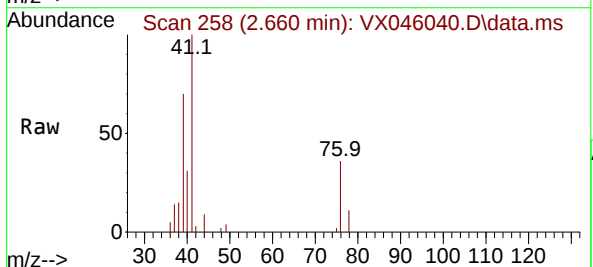
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

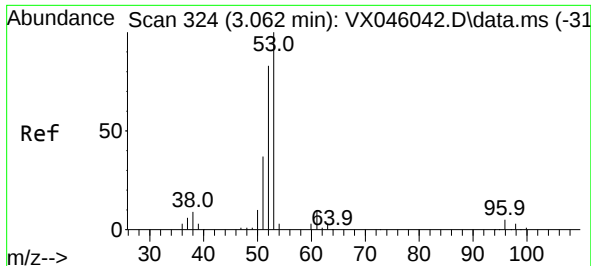
Tgt Ion: 56 Resp: 3481
Ion Ratio Lower Upper
56 100
55 64.1 56.2 84.4



#14
Allyl chloride
Concen: 2.549 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 41 Resp: 5590
Ion Ratio Lower Upper
41 100
39 77.2 60.6 90.8
76 29.9 24.9 37.3

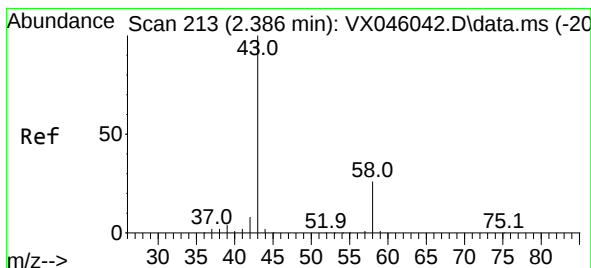
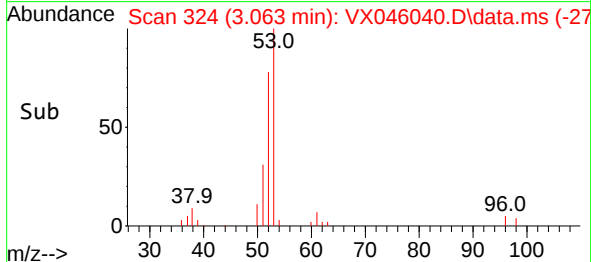
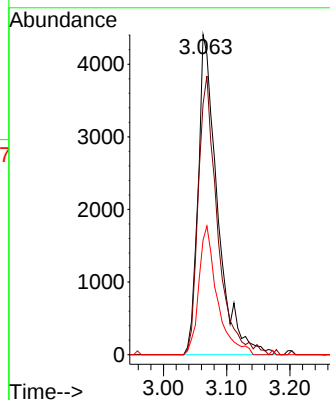
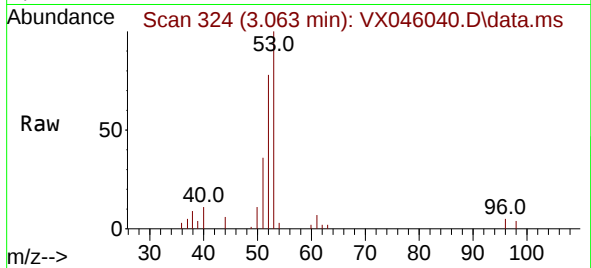




#15
Acrylonitrile
Concen: 12.930 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

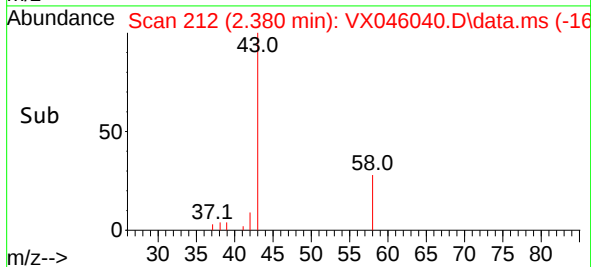
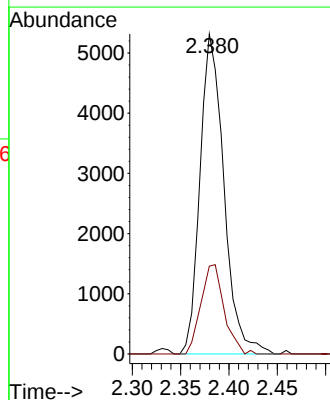
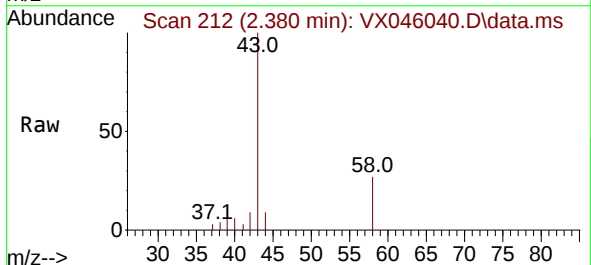
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

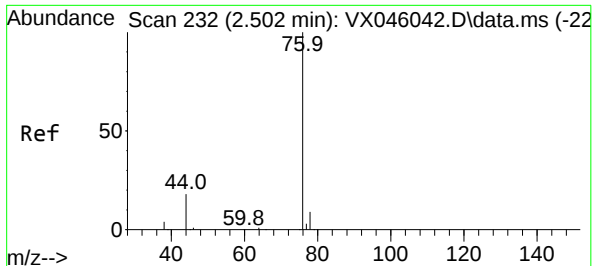
Tgt Ion:	53	Resp:	9431
Ion	Ratio	Lower	Upper
53	100		
52	86.0	65.3	97.9
51	37.9	29.8	44.8



#16
Acetone
Concen: 13.092 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:	43	Resp:	9162
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8

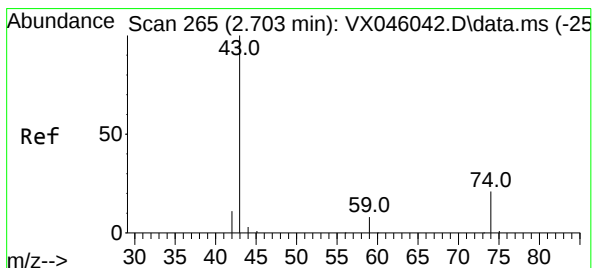
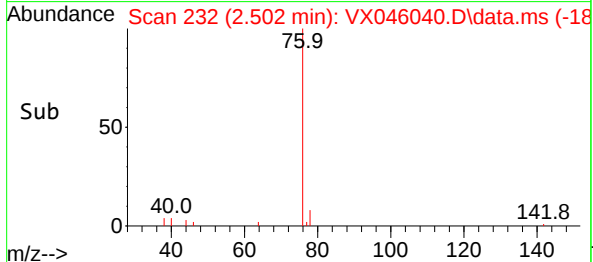
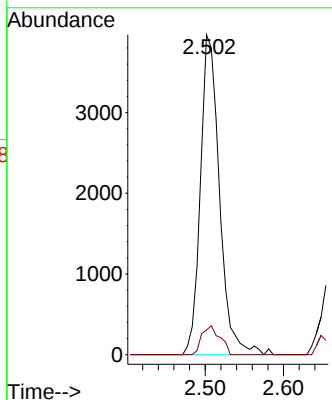
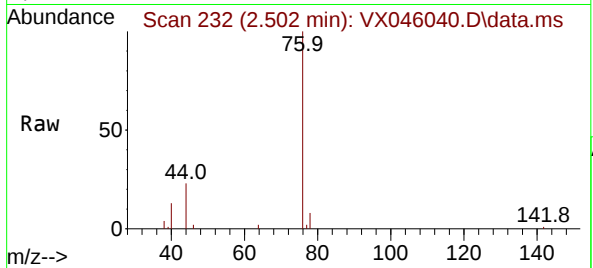




#17
Carbon Disulfide
Concen: 2.498 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

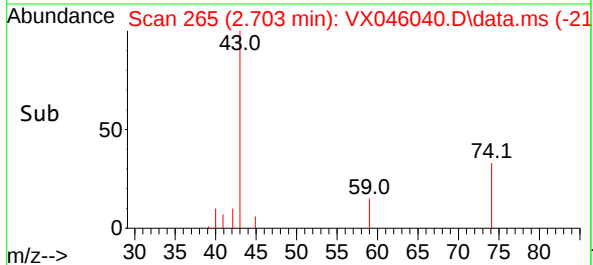
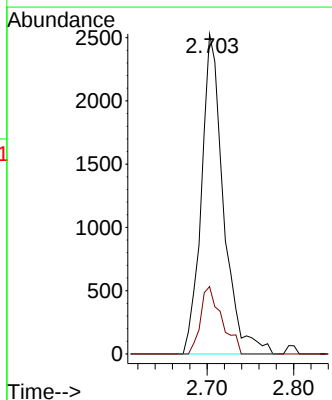
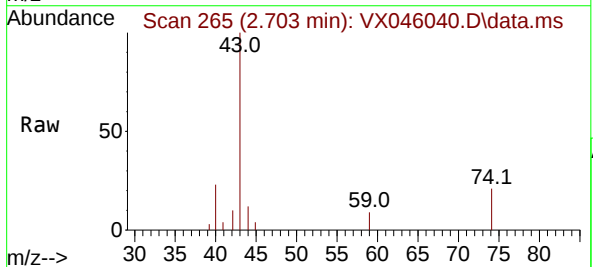
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 6716
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#18
Methyl Acetate
Concen: 2.680 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 43 Resp: 4477
Ion Ratio Lower Upper
43 100
74 20.2 16.7 25.1

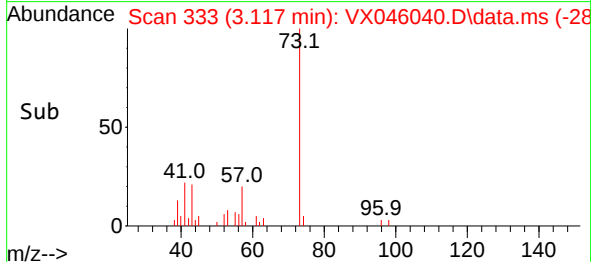
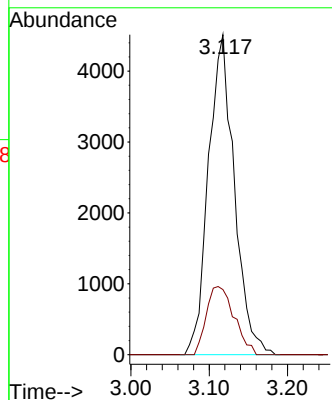
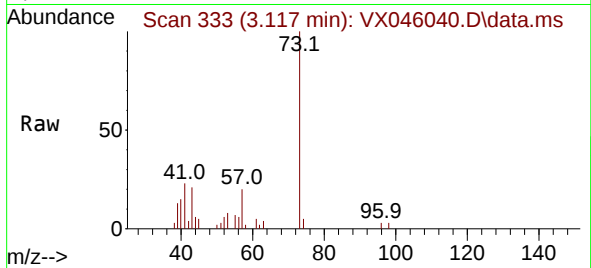




#19
Methyl tert-butyl Ether
Concen: 2.561 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

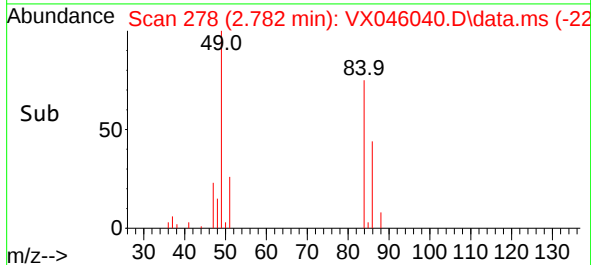
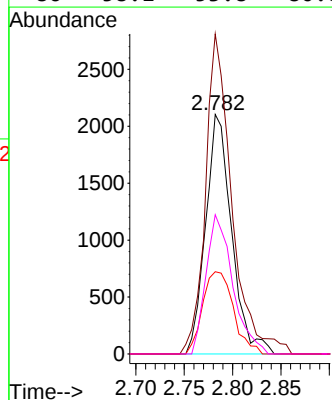
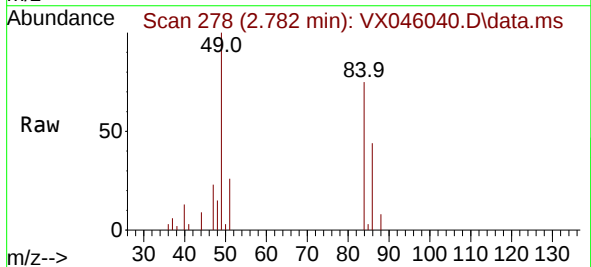
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 10363
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 2.773 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 84 Resp: 3931
Ion Ratio Lower Upper
84 100
49 133.6 113.9 170.9
51 34.4 33.5 50.3
86 58.1 53.8 80.8

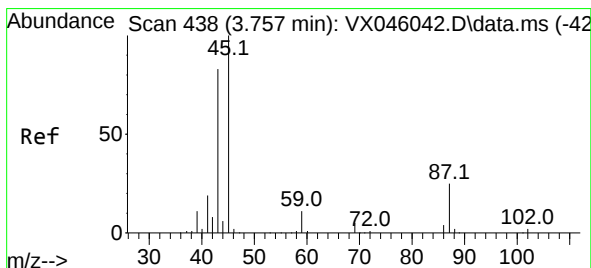
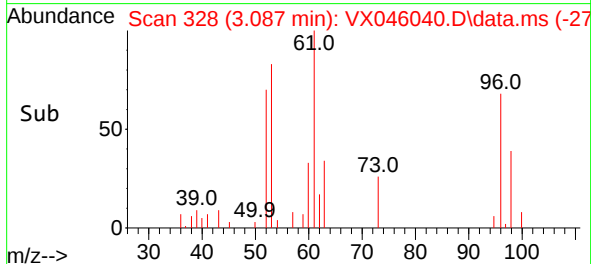
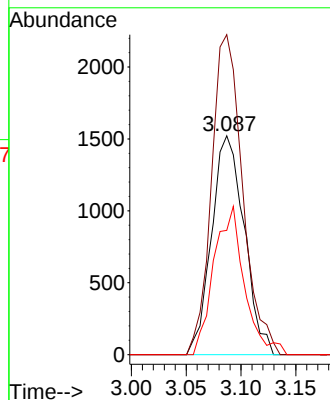
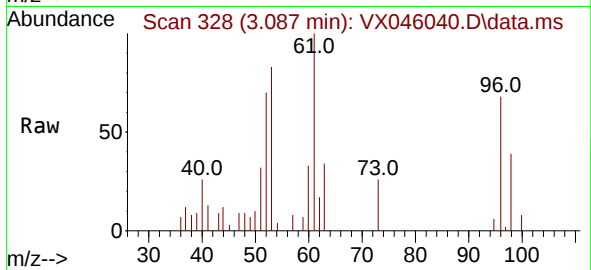




#21
trans-1,2-Dichloroethene
Concen: 2.662 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

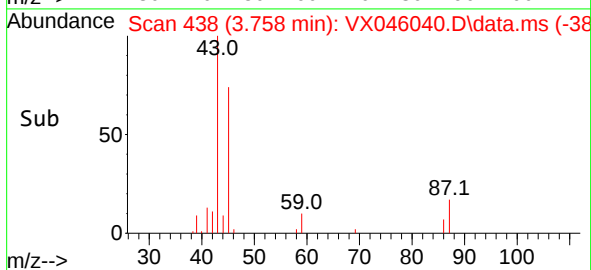
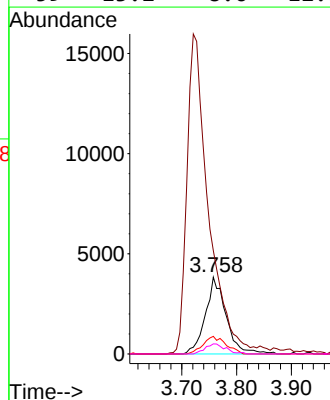
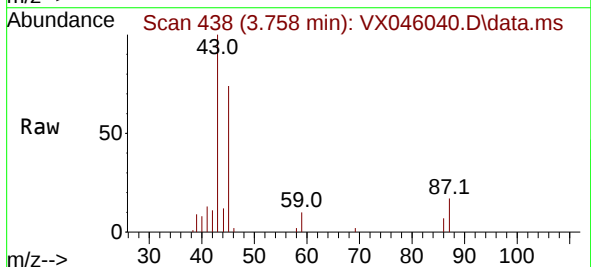
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 3153
Ion Ratio Lower Upper
96 100
61 146.2 119.5 179.3
98 56.8 50.0 75.0



#22
Diisopropyl ether
Concen: 2.451 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 45 Resp: 10040
Ion Ratio Lower Upper
45 100
43 129.6 66.6 100.0#
87 22.9 19.8 29.6
59 13.2 8.6 12.8#

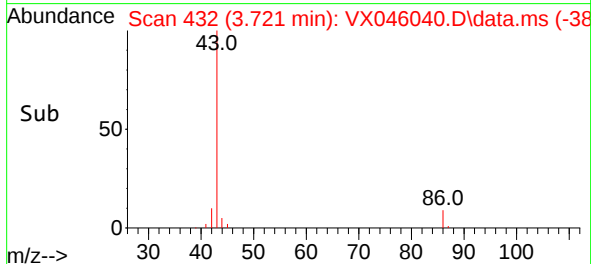
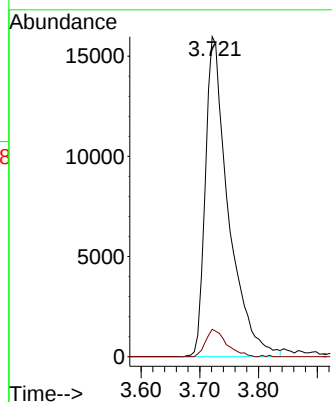
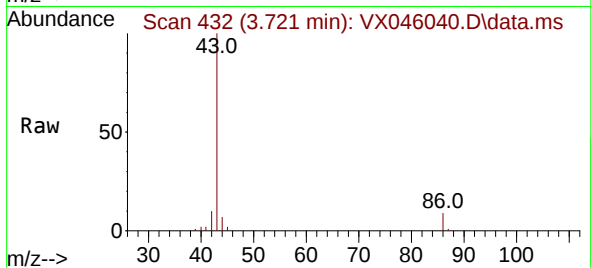




#23
 Vinyl Acetate
 Concen: 12.034 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

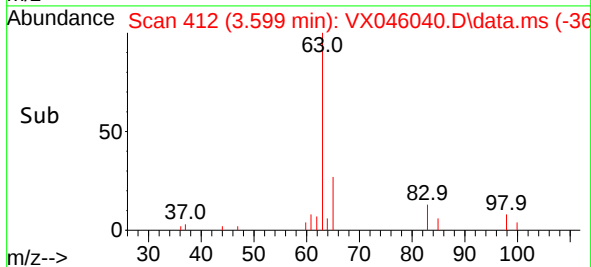
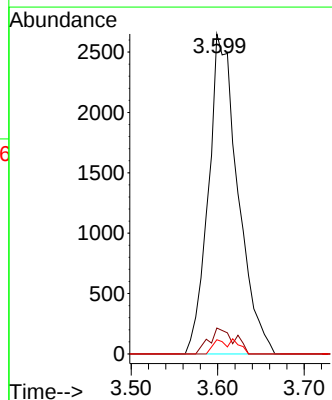
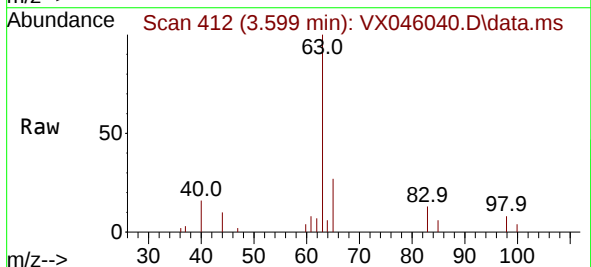
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

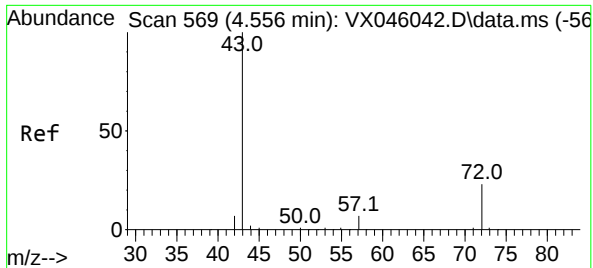
Tgt Ion: 43 Resp: 43567
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 2.599 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion: 63 Resp: 6258
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.4 2.1 6.3

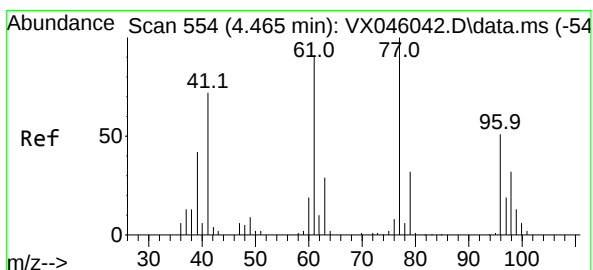
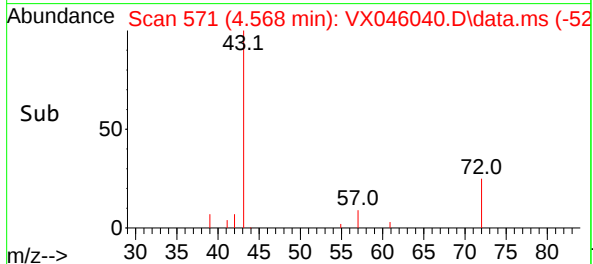
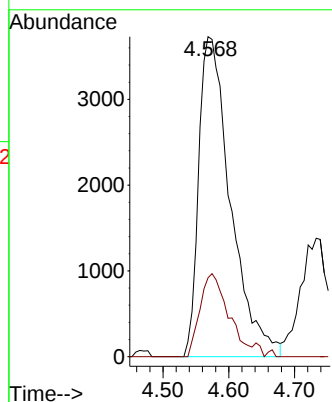
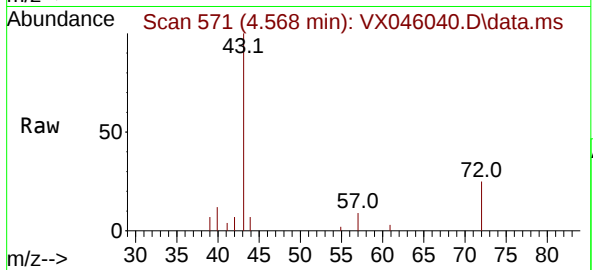




#25
2-Butanone
Concen: 12.398 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

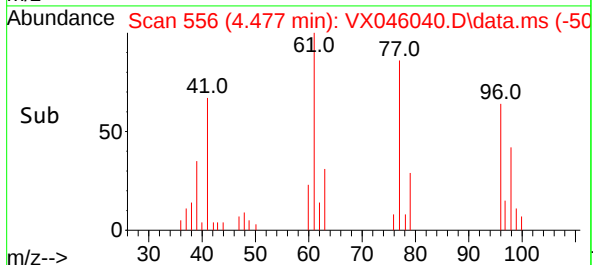
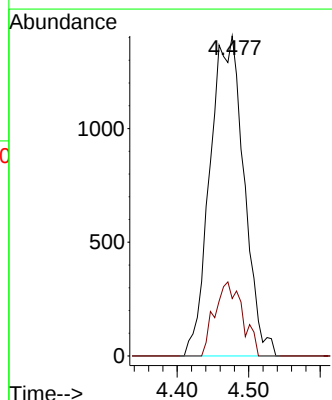
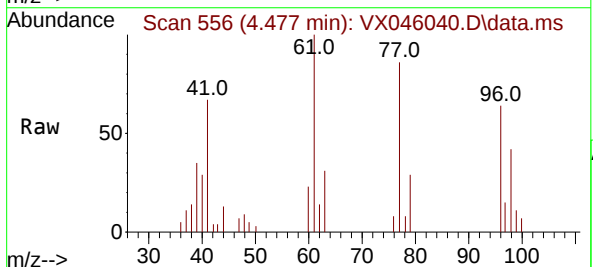
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

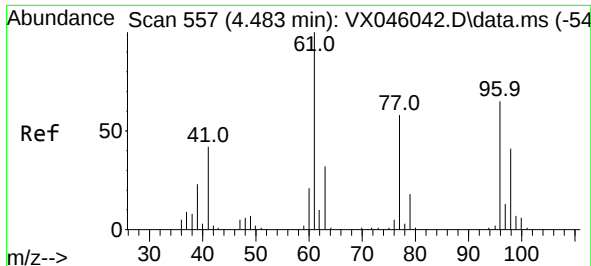
Tgt Ion: 43 Resp: 12524
Ion Ratio Lower Upper
43 100
72 24.6 18.4 27.6



#26
2,2-Dichloropropane
Concen: 2.544 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 77 Resp: 4640
Ion Ratio Lower Upper
77 100
97 18.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 2.637 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

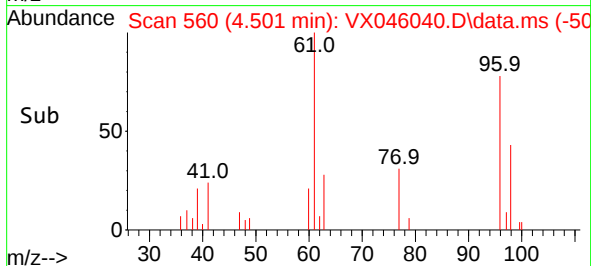
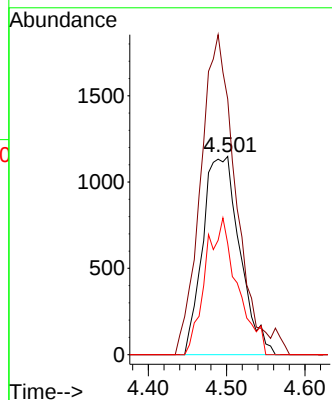
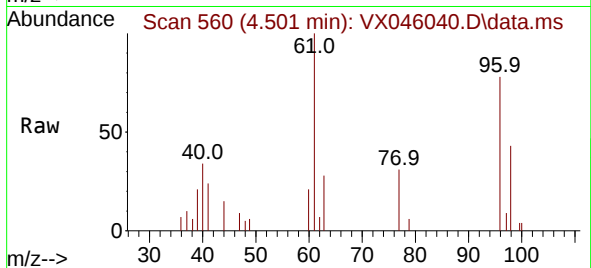
Tgt Ion: 96 Resp: 3766

Ion Ratio Lower Upper

96 100

61 152.2 0.0 322.8

98 59.8 0.0 129.0



#28

Bromochloromethane

Concen: 2.859 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

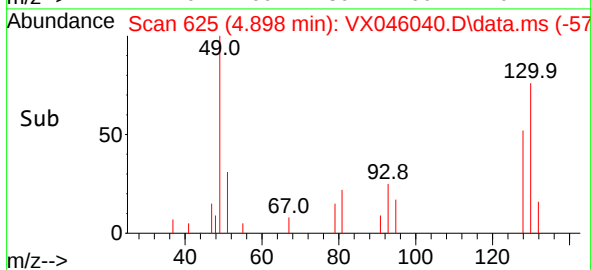
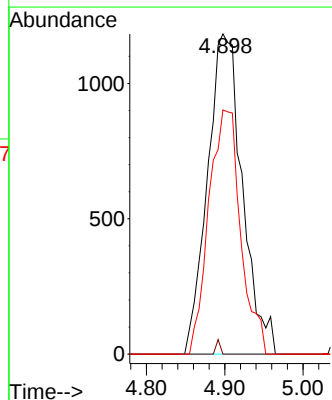
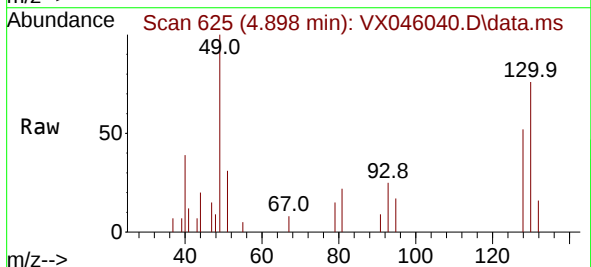
Tgt Ion: 49 Resp: 3661

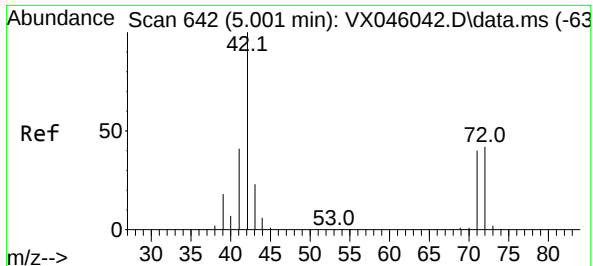
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.0

130 69.4 56.2 84.2





#29

Tetrahydrofuran

Concen: 12.746 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

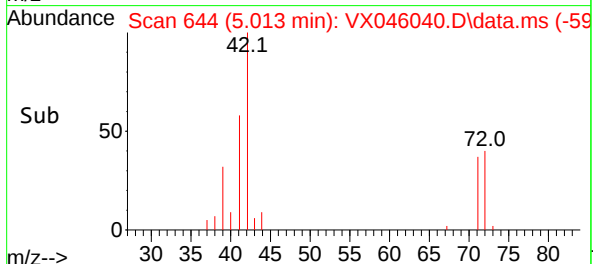
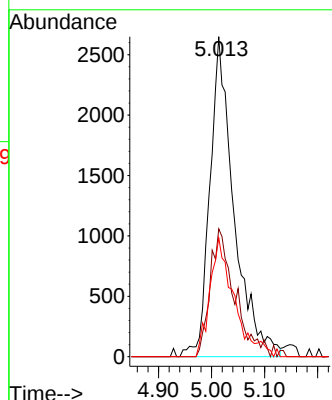
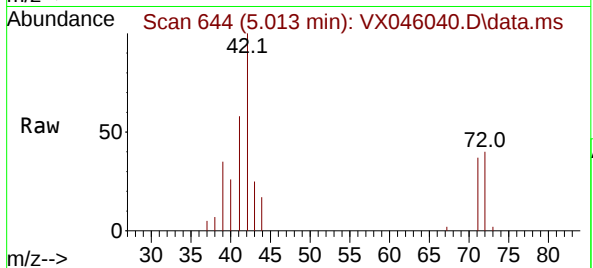
Tgt Ion: 42 Resp: 8362

Ion Ratio Lower Upper

42 100

72 40.7 33.7 50.5

71 37.2 31.4 47.2



#30

Chloroform

Concen: 2.636 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX046040.D

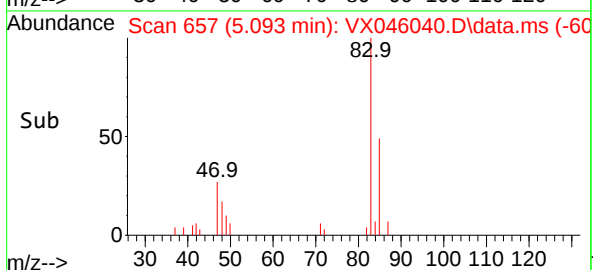
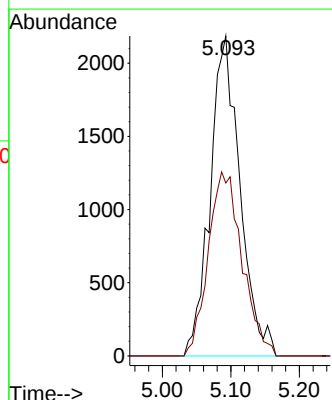
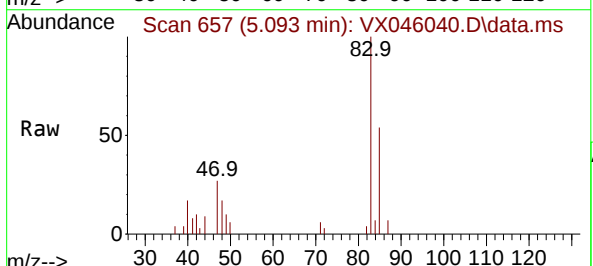
Acq: 05 May 2025 11:12

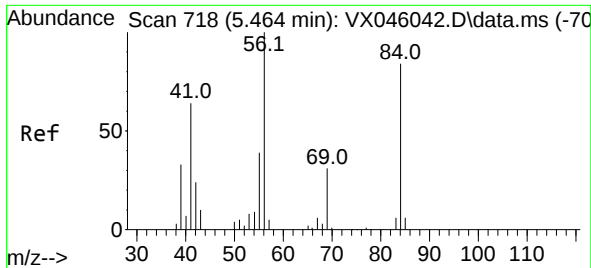
Tgt Ion: 83 Resp: 6597

Ion Ratio Lower Upper

83 100

85 54.0 49.3 73.9

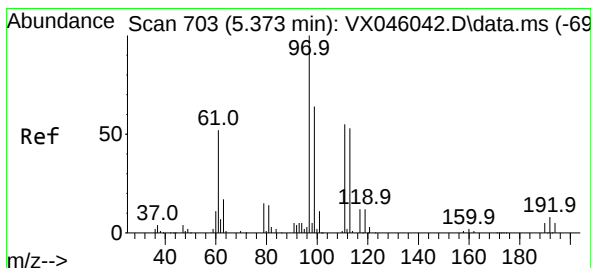
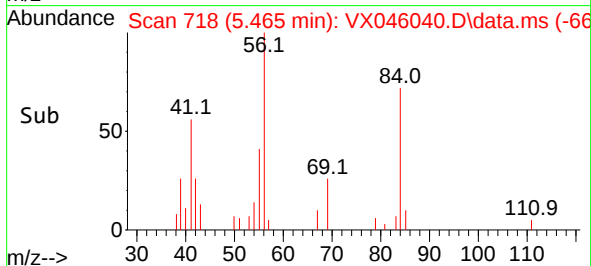
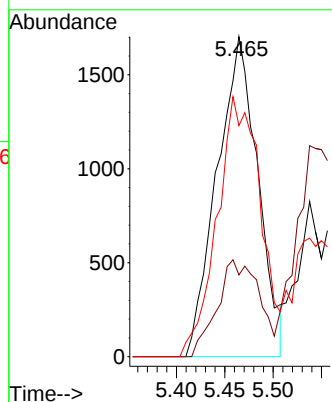
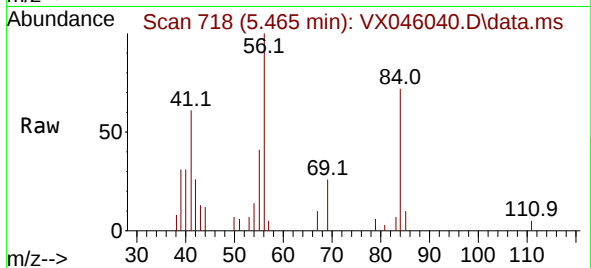




#31
Cyclohexane
Concen: 2.461 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

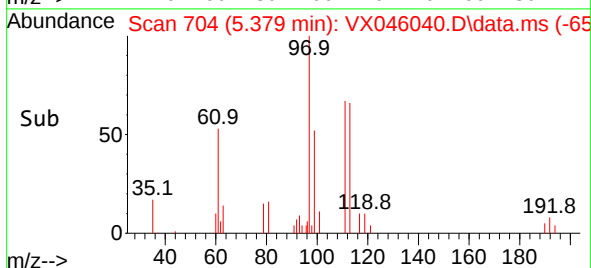
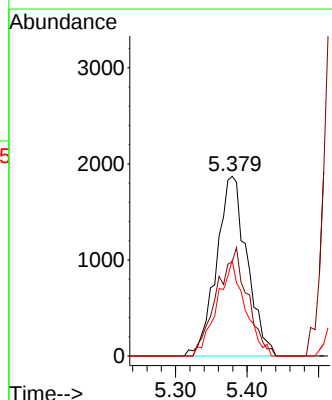
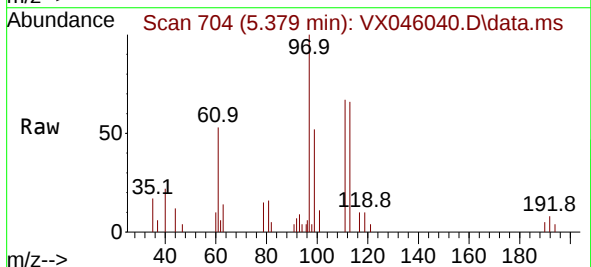
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 4995
Ion Ratio Lower Upper
56 100
69 25.5 24.4 36.6
84 72.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 2.568 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 97 Resp: 5541
Ion Ratio Lower Upper
97 100
99 60.7 51.8 77.6
61 48.8 40.1 60.1

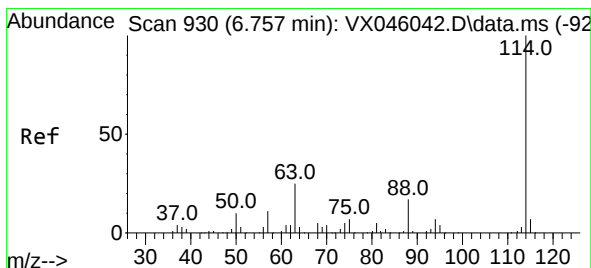
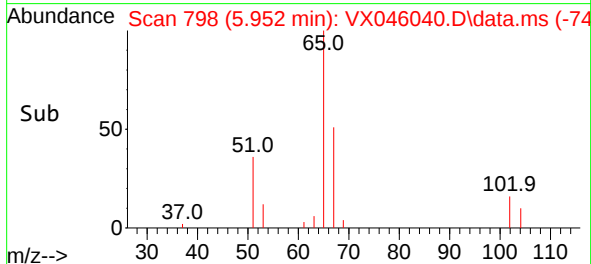
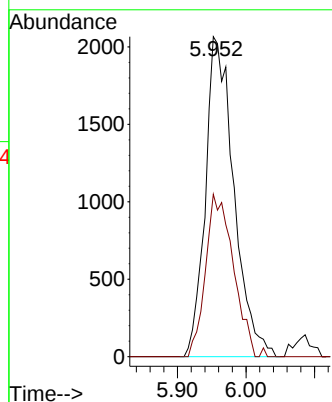
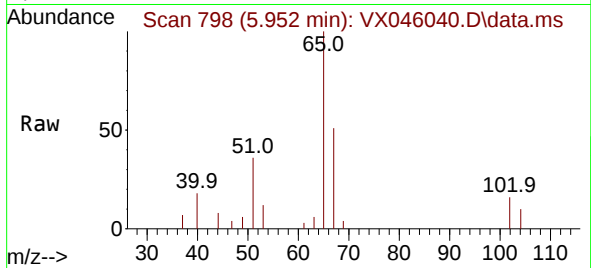




#33
 1,2-Dichloroethane-d4
 Concen: 2.913 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

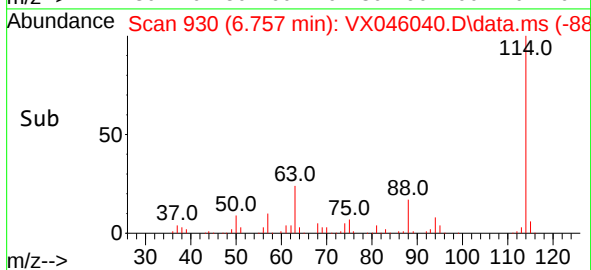
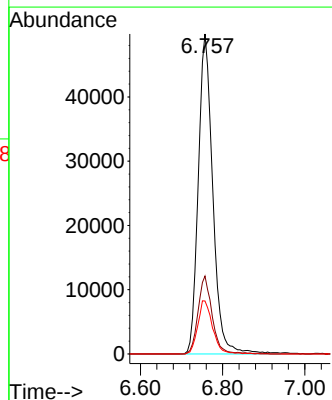
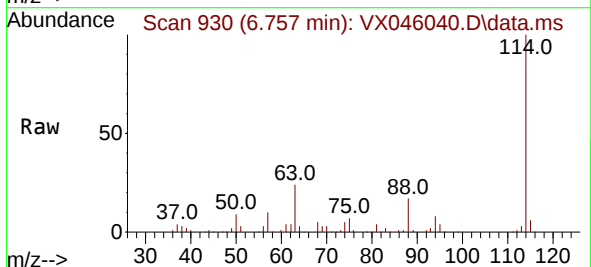
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

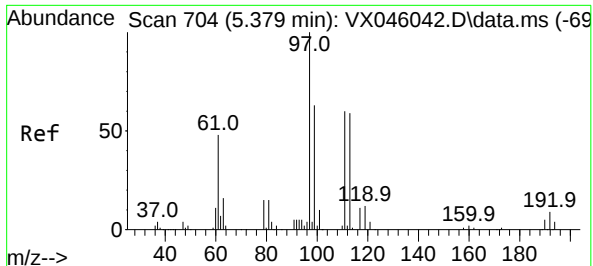
Tgt Ion: 65 Resp: 5958
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion: 114 Resp: 121861
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 2.850 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

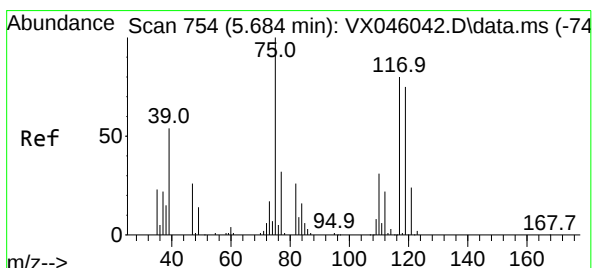
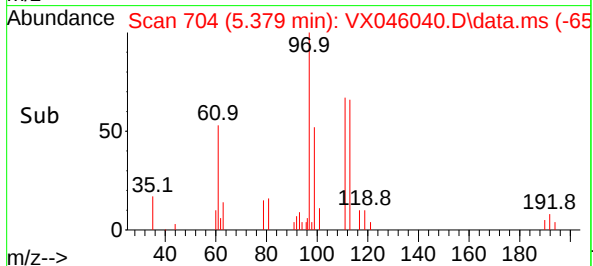
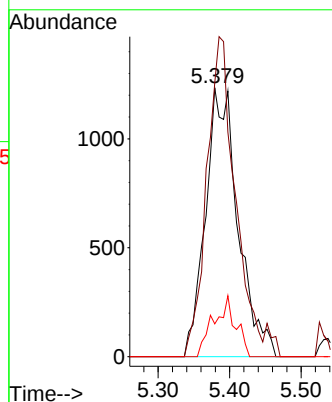
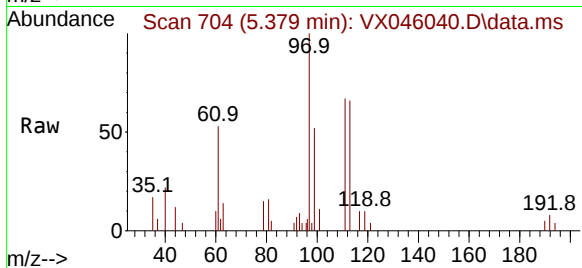
Tgt Ion:113 Resp: 3893

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

192 15.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 2.506 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

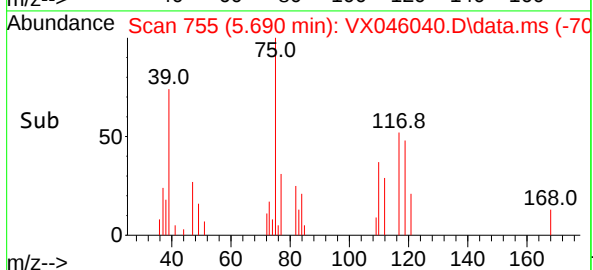
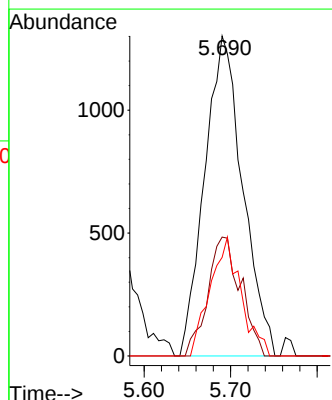
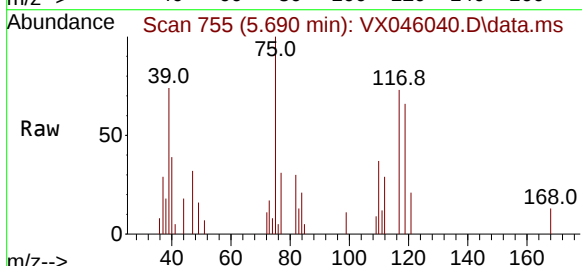
Tgt Ion: 75 Resp: 3975

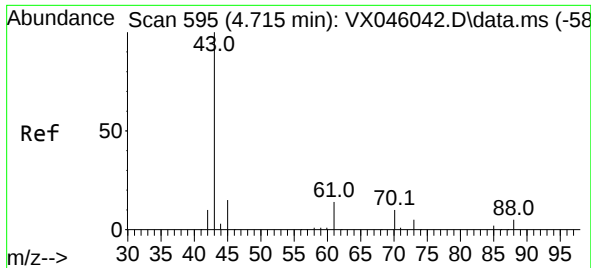
Ion Ratio Lower Upper

75 100

110 32.2 16.3 48.9

77 30.2 24.3 36.5

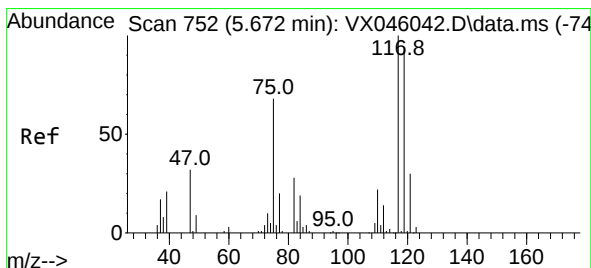
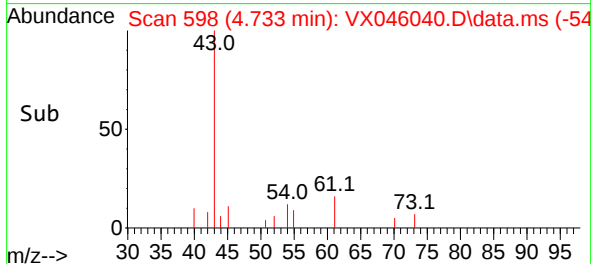
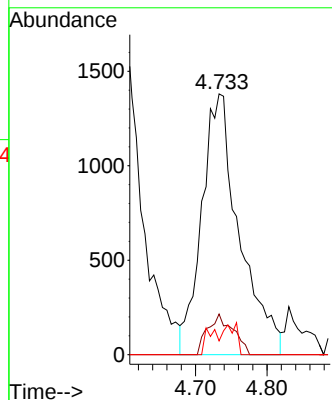
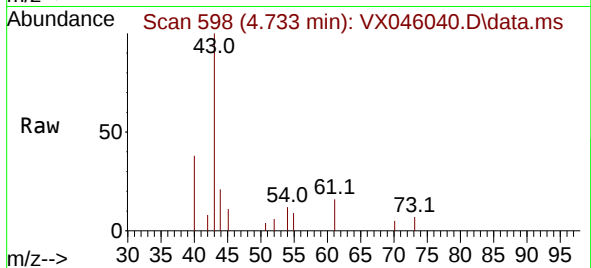




#37
Ethyl Acetate
Concen: 2.531 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

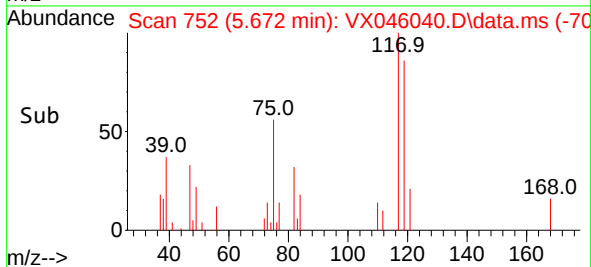
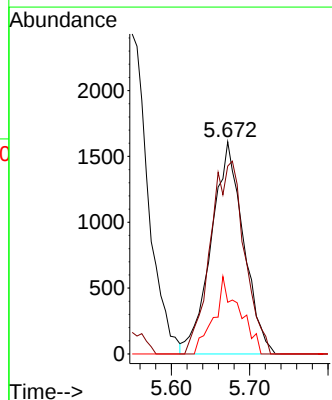
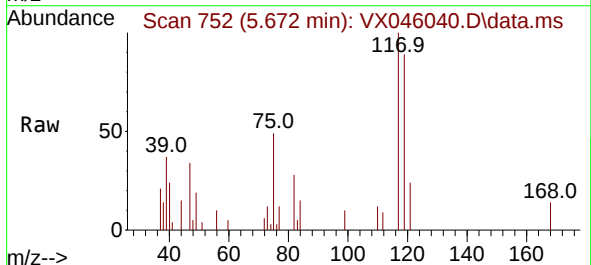
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5036
Ion Ratio Lower Upper
43 100
61 10.5 10.3 15.5
70 3.2 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 2.530 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 117 Resp: 4610
Ion Ratio Lower Upper
117 100
119 88.6 75.2 112.8
121 24.3 24.2 36.4

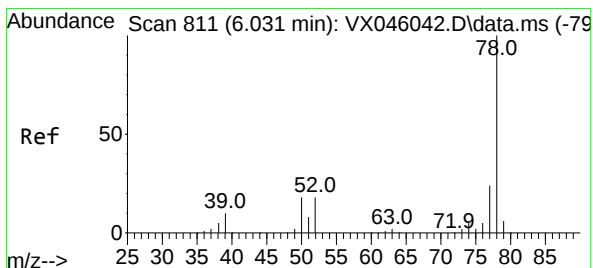
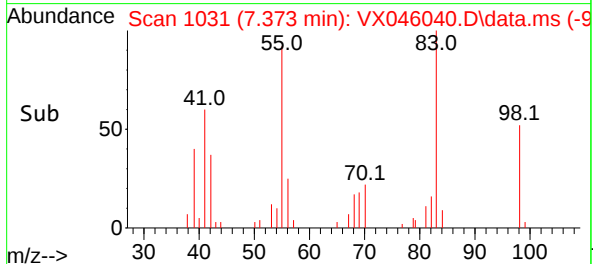
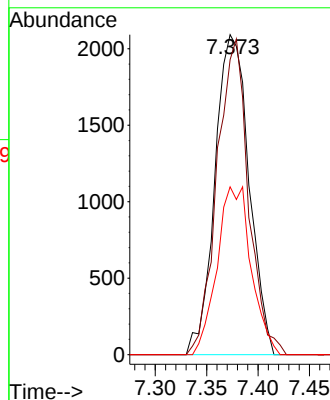
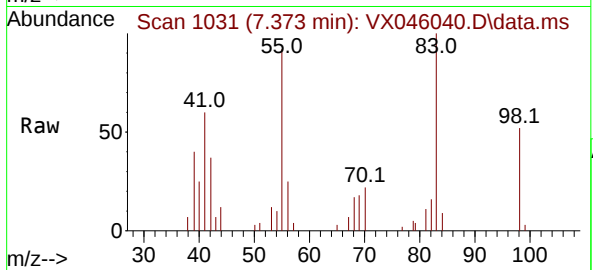




#39
Methylcyclohexane
Concen: 2.421 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

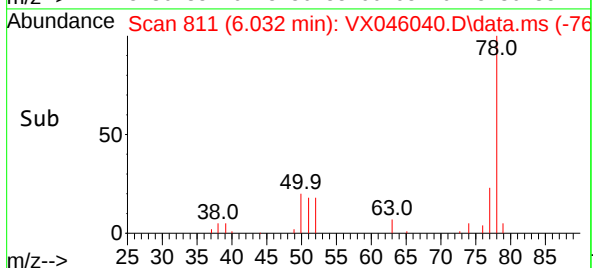
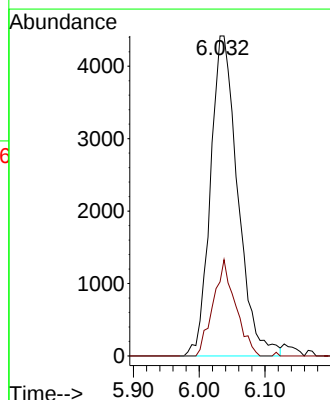
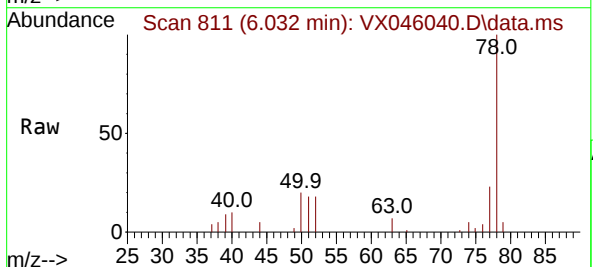
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4812
Ion Ratio Lower Upper
83 100
55 92.2 64.7 97.1
98 52.4 37.4 56.2



#40
Benzene
Concen: 2.596 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 78 Resp: 12763
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

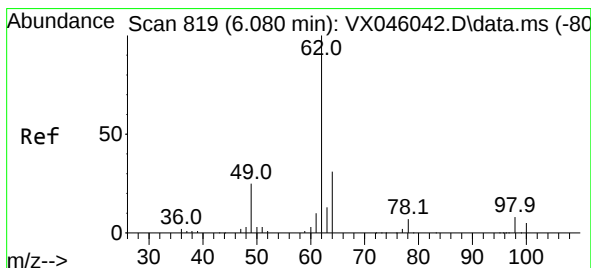
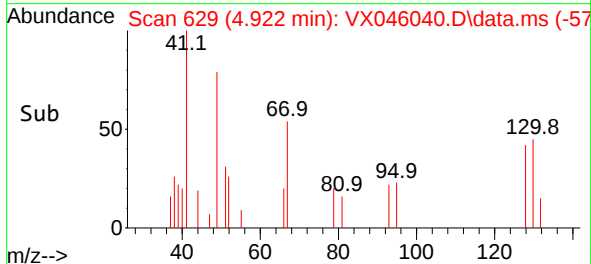
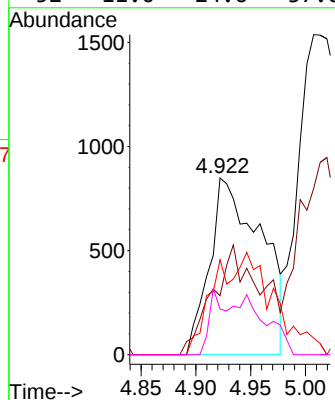
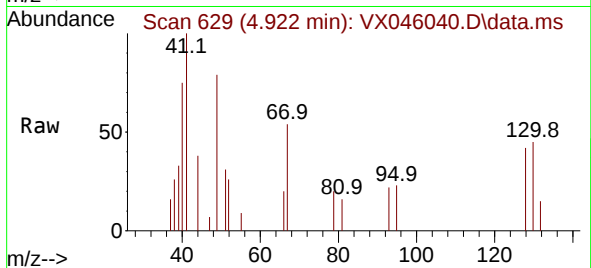




#41
Methacrylonitrile
Concen: 2.510 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

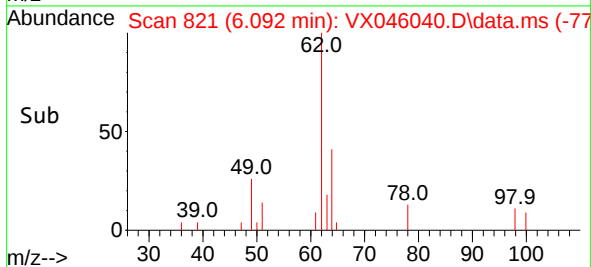
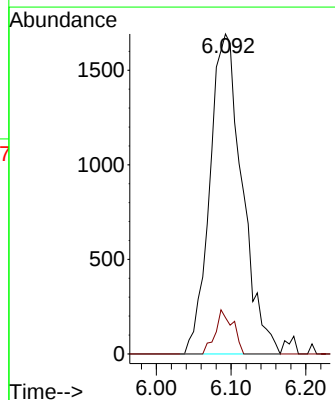
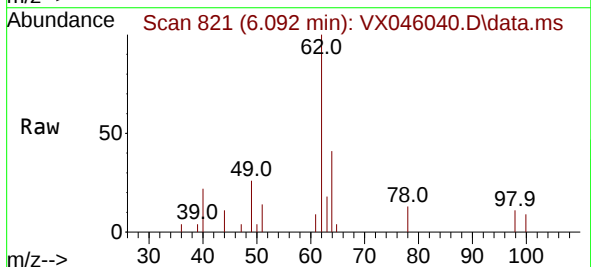
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	2775
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.2	70.8#
67	20.8	50.7	76.1#
52	11.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 2.505 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:	62	Resp:	5092
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.2

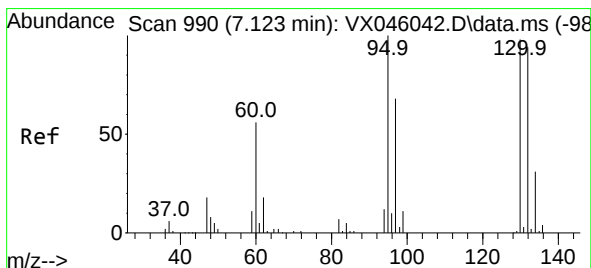
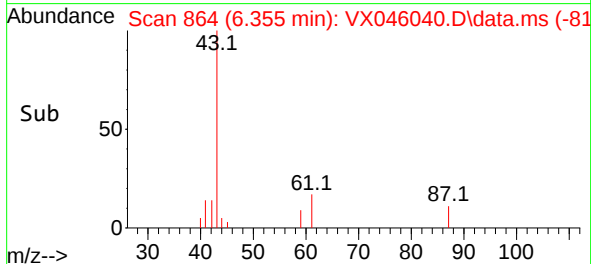
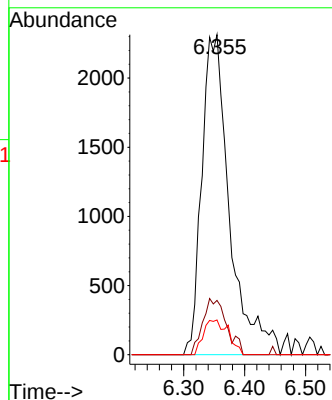
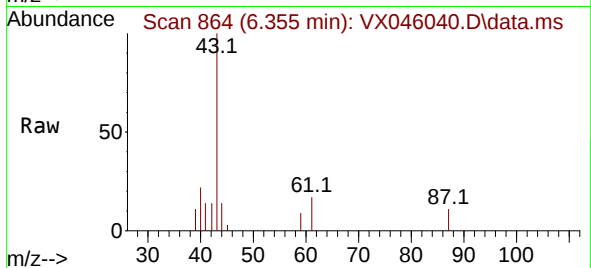




#43
Isopropyl Acetate
Concen: 2.408 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

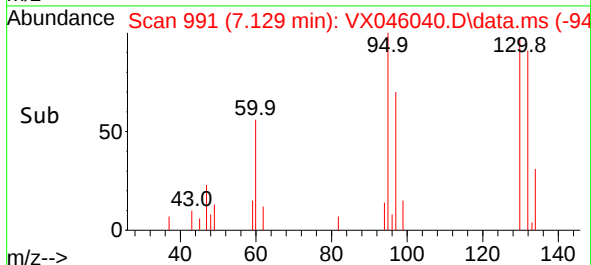
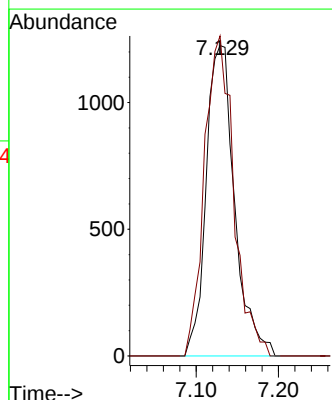
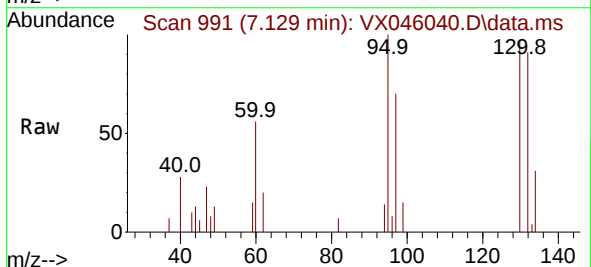
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7325
Ion Ratio Lower Upper
43 100
61 15.1 14.3 21.5
87 9.7 9.5 14.3



#44
Trichloroethene
Concen: 2.541 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 130 Resp: 2953
Ion Ratio Lower Upper
130 100
95 103.1 0.0 204.2





#45

1,2-Dichloropropane

Concen: 2.550 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

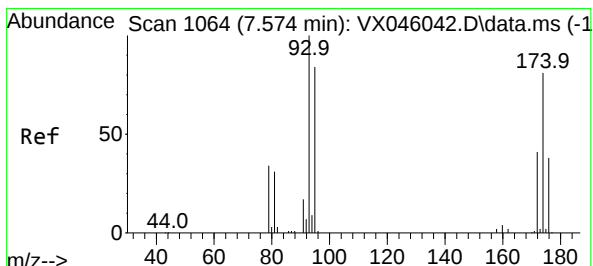
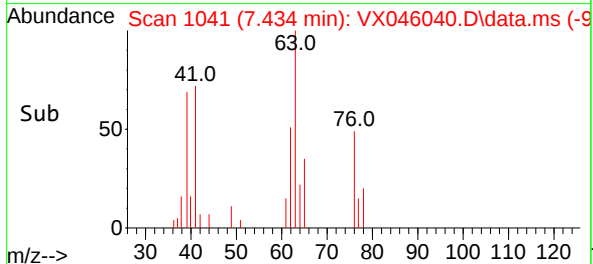
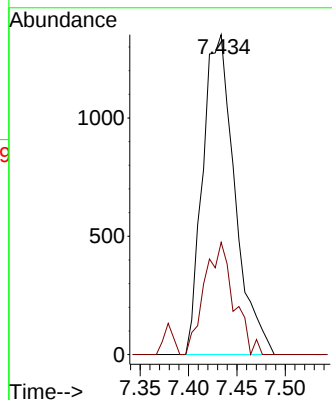
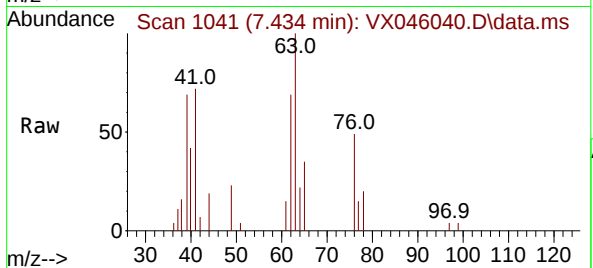
VSTDIC005

Tgt Ion: 63 Resp: 3114

Ion Ratio Lower Upper

63 100

65 35.1 24.1 36.1



#46

Dibromomethane

Concen: 2.591 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

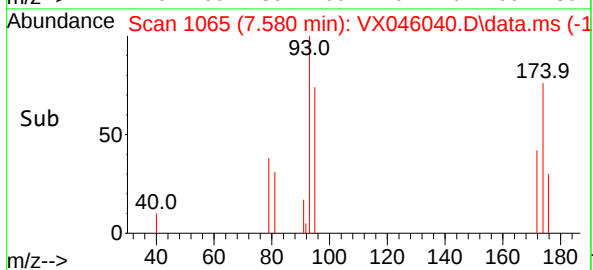
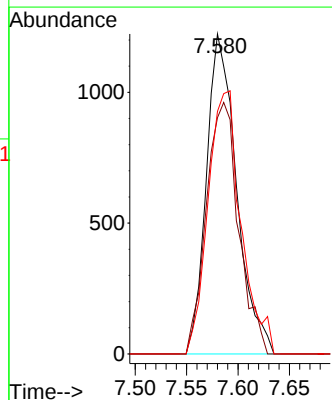
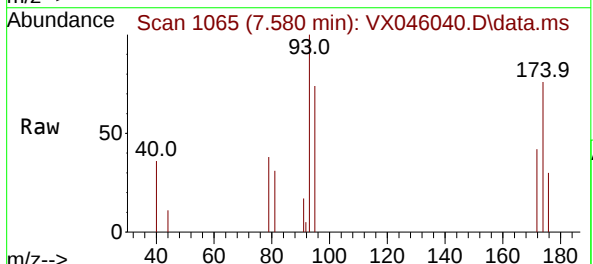
Tgt Ion: 93 Resp: 2495

Ion Ratio Lower Upper

93 100

95 84.2 65.6 98.4

174 90.1 68.2 102.2

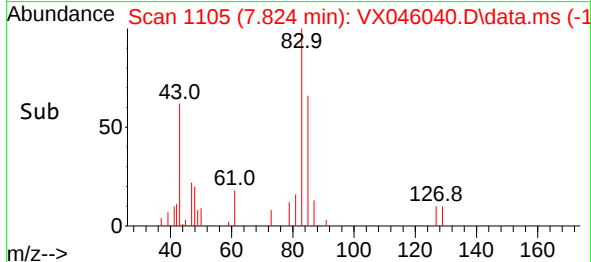
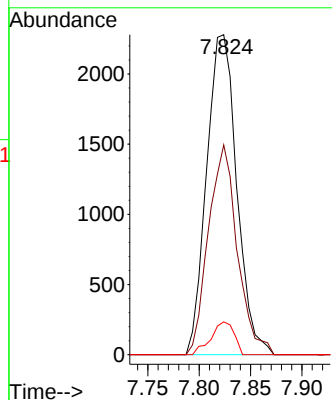
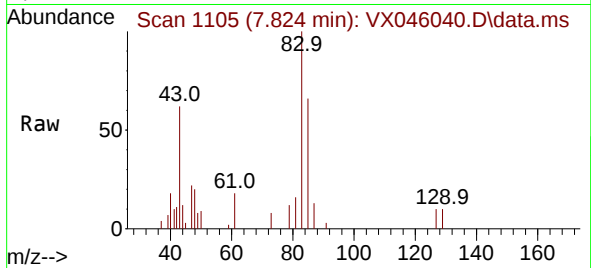




#47
Bromodichloromethane
Concen: 2.496 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

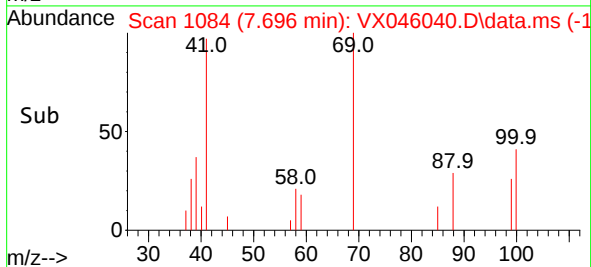
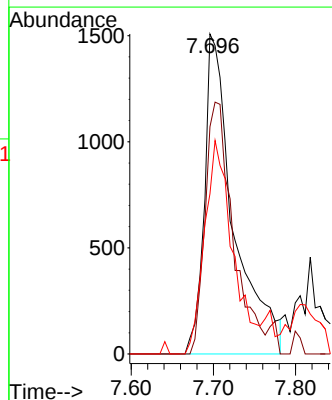
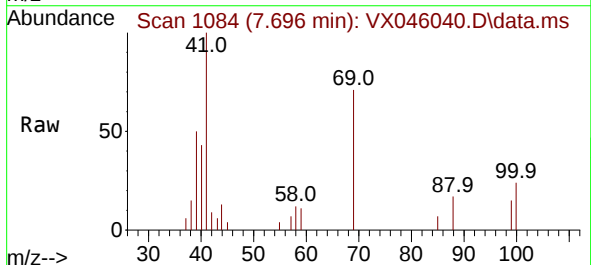
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

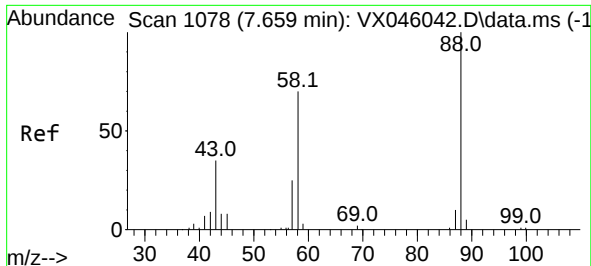
Tgt Ion: 83 Resp: 4657
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 10.3 6.5 9.7#



#48
Methyl methacrylate
Concen: 2.401 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 41 Resp: 3749
Ion Ratio Lower Upper
41 100
69 74.7 58.5 87.7
39 64.1 51.7 77.5





#49

1,4-Dioxane

Concen: 51.631 ug/l

RT: 7.665 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

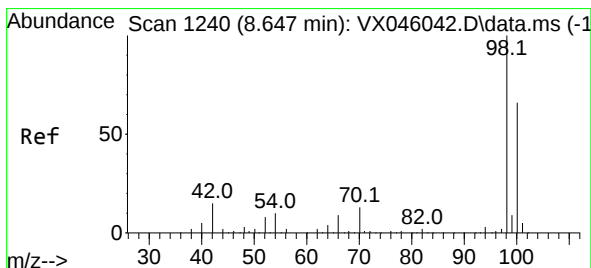
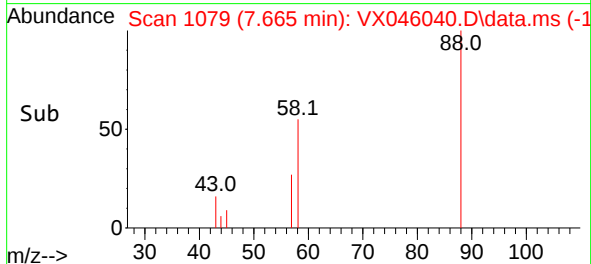
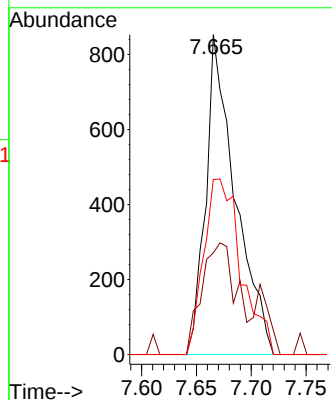
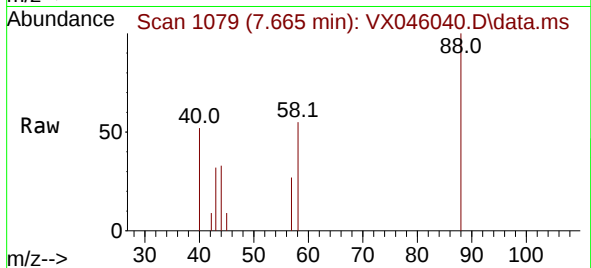
Tgt Ion: 88 Resp: 1603

Ion Ratio Lower Upper

88 100

43 40.6 33.4 50.2

58 69.2 58.6 88.0



#50

Toluene-d8

Concen: 2.789 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046040.D

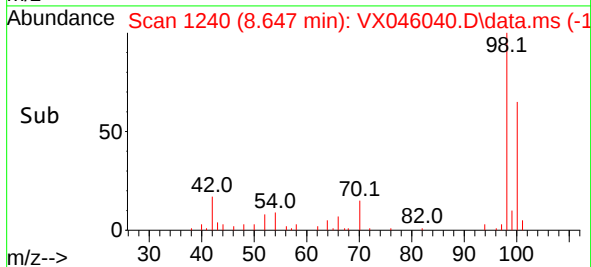
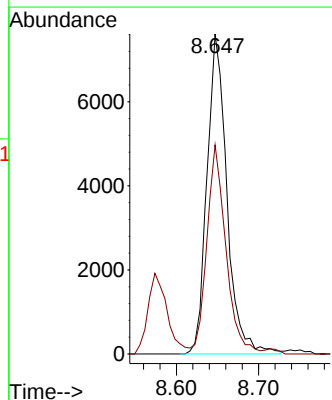
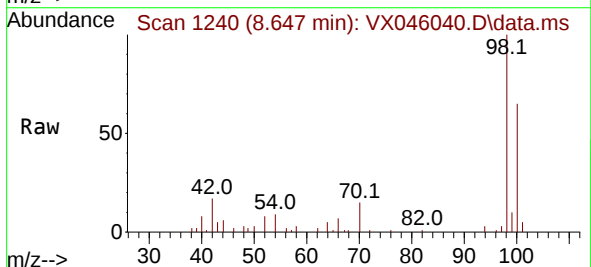
Acq: 05 May 2025 11:12

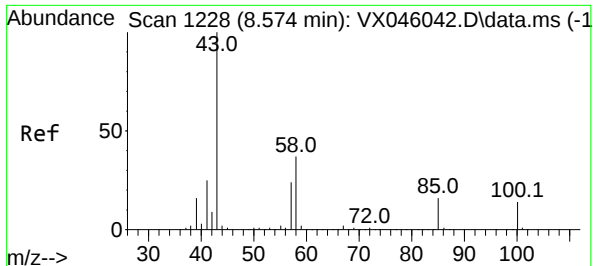
Tgt Ion: 98 Resp: 12836

Ion Ratio Lower Upper

98 100

100 60.3 53.5 80.3

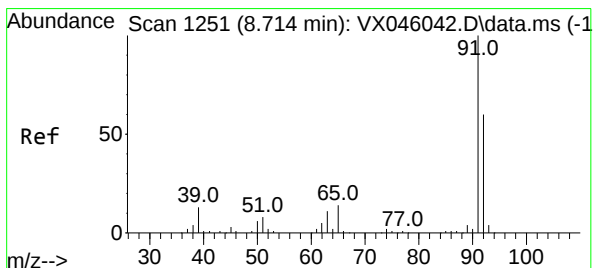
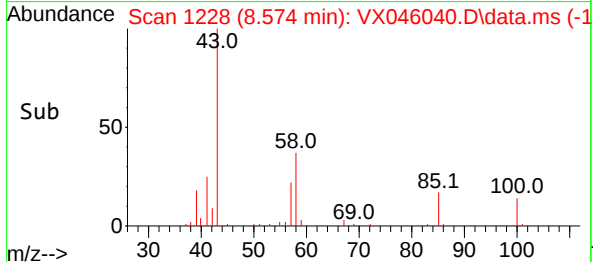
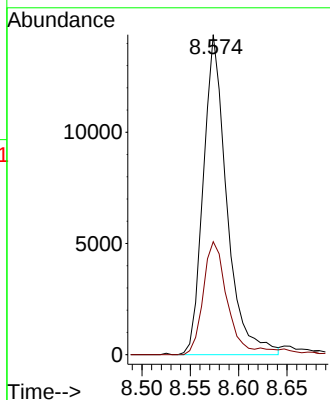
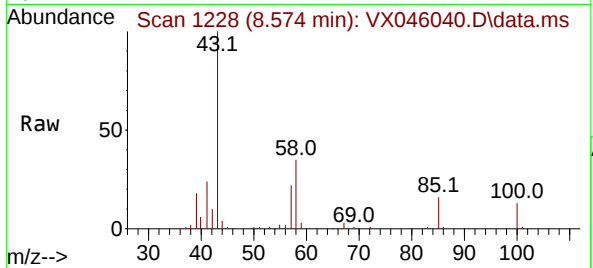




#51
4-Methyl-2-Pentanone
Concen: 12.199 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

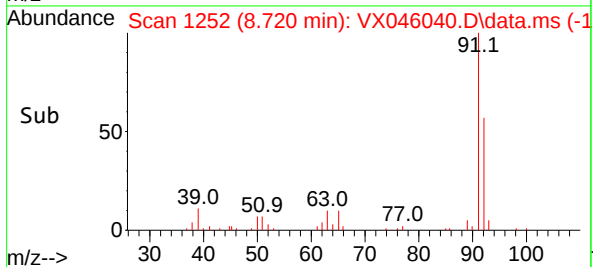
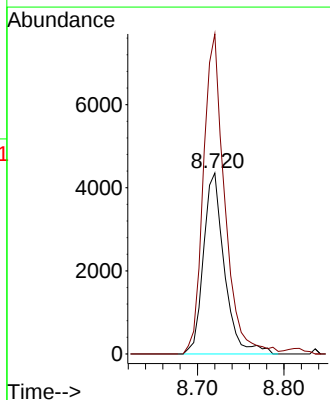
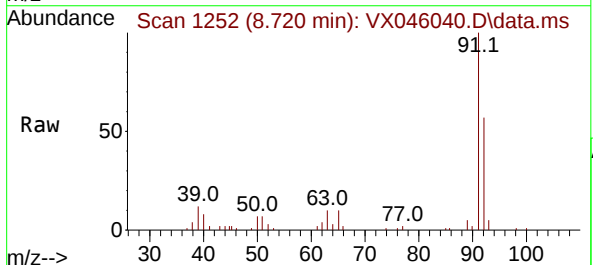
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

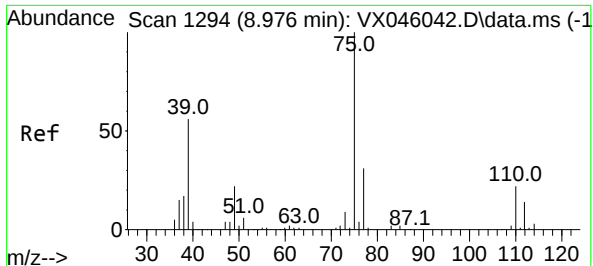
Tgt Ion: 43 Resp: 24334
Ion Ratio Lower Upper
43 100
58 38.4 28.9 43.3



#52
Toluene
Concen: 2.511 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 92 Resp: 7320
Ion Ratio Lower Upper
92 100
91 180.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 2.222 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

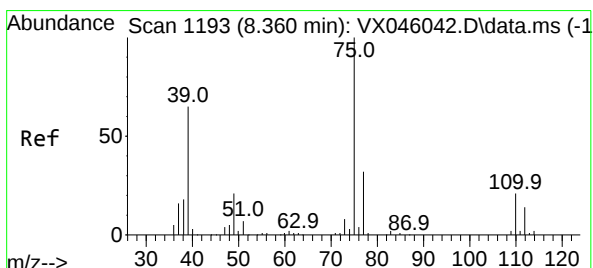
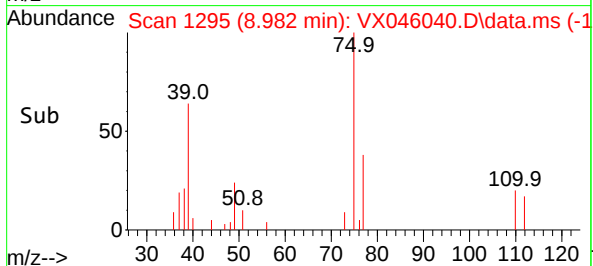
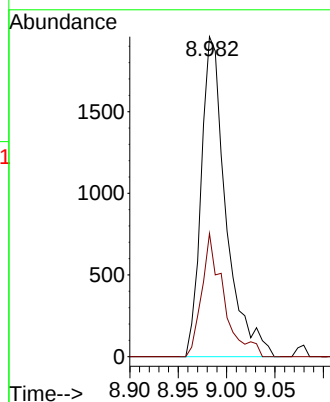
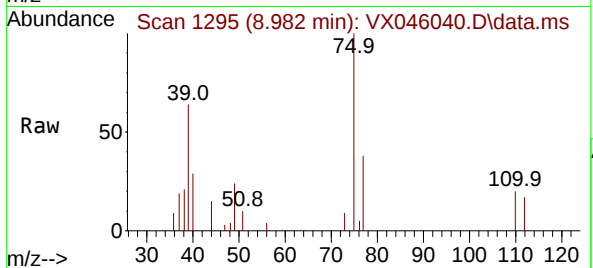
VSTDIC005

Tgt Ion: 75 Resp: 3482

Ion Ratio Lower Upper

75 100

77 38.5 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 2.407 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

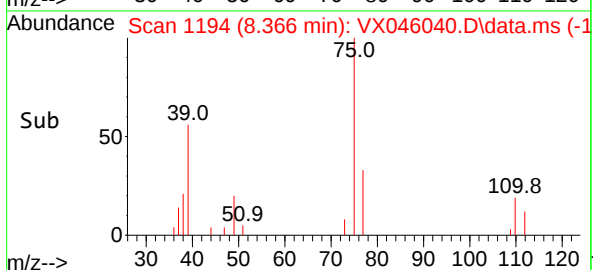
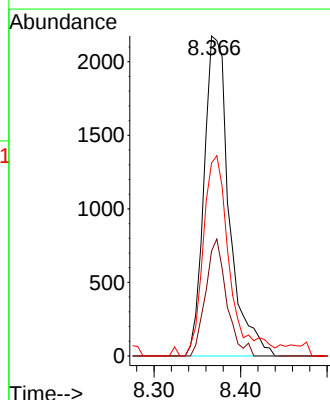
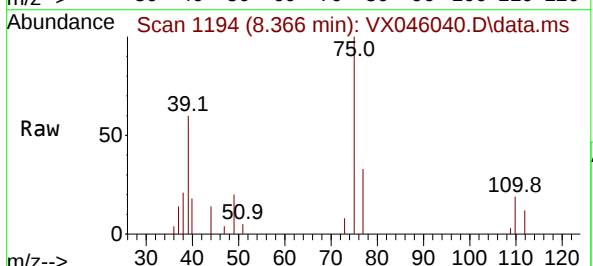
Tgt Ion: 75 Resp: 4399

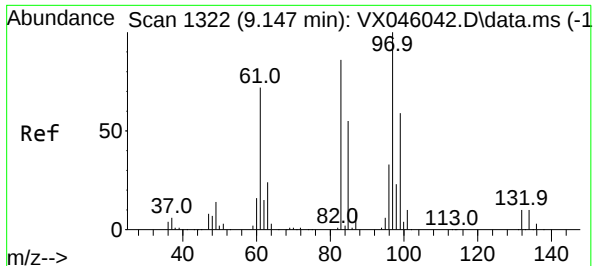
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

39 60.3 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 2.569 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 3026

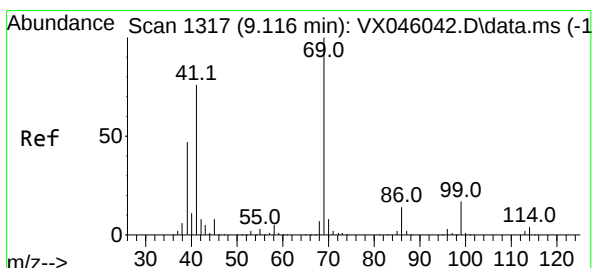
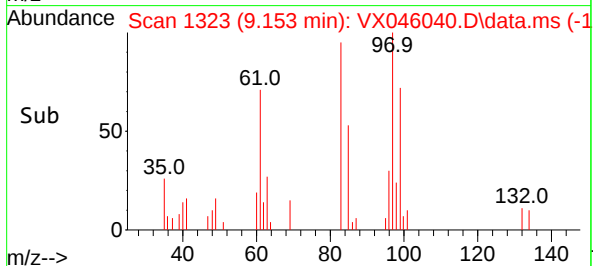
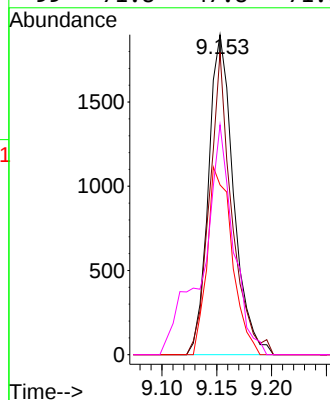
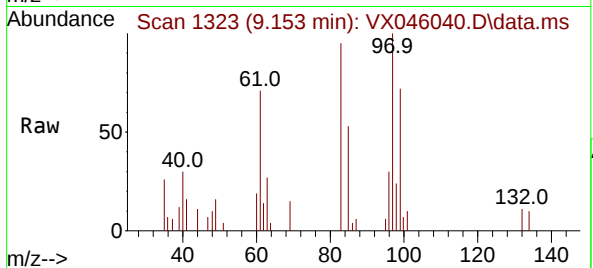
Ion Ratio Lower Upper

97 100

83 94.5 69.0 103.6

85 53.1 44.3 66.5

99 71.8 47.8 71.6#



#56

Ethyl methacrylate

Concen: 2.340 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

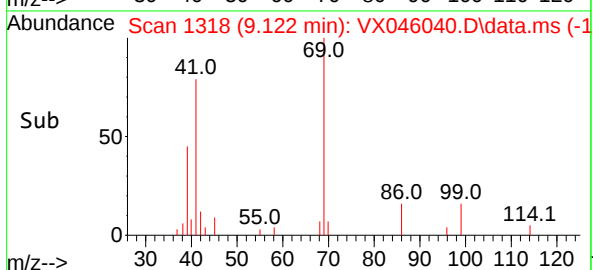
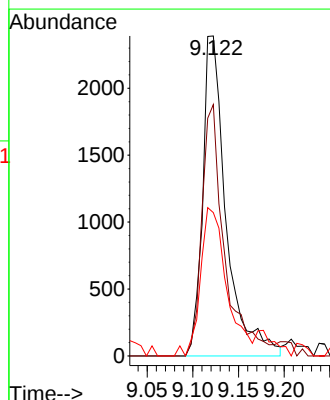
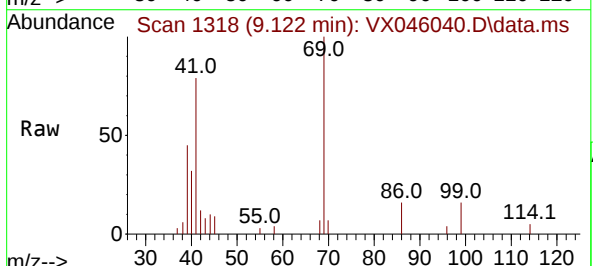
Tgt Ion: 69 Resp: 4271

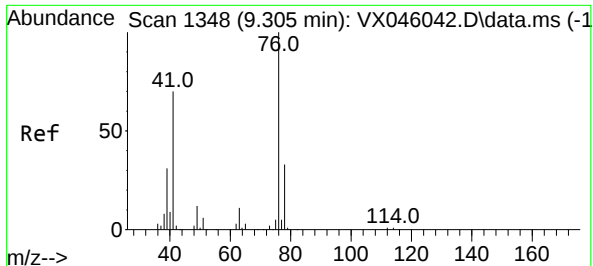
Ion Ratio Lower Upper

69 100

41 75.2 60.8 91.2

39 51.6 39.0 58.6





#57

1,3-Dichloropropane

Concen: 2.587 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

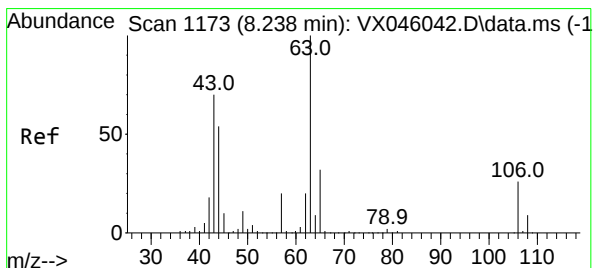
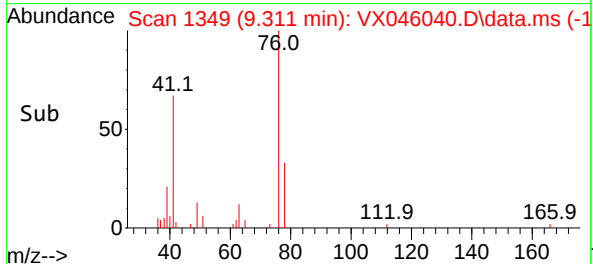
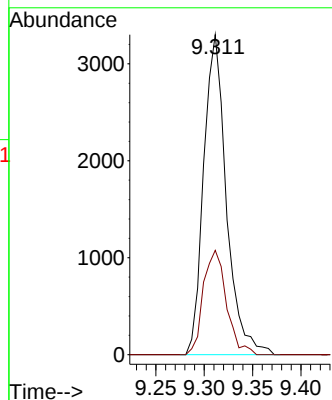
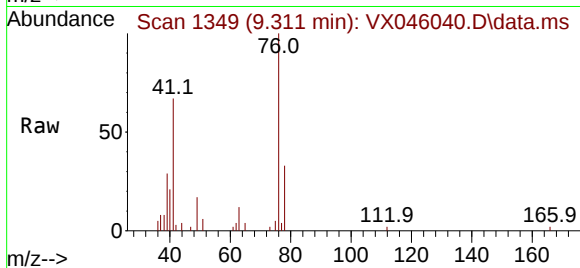
VSTDICC005

Tgt Ion: 76 Resp: 5402

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 10.233 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX046040.D

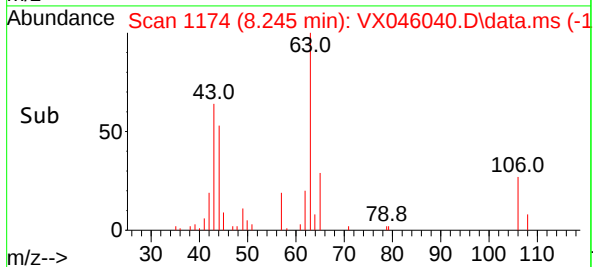
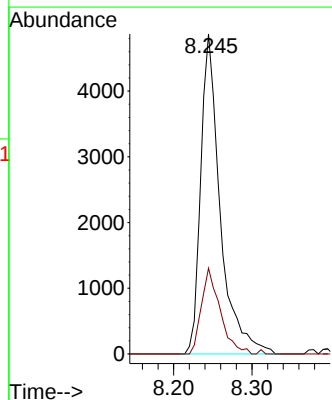
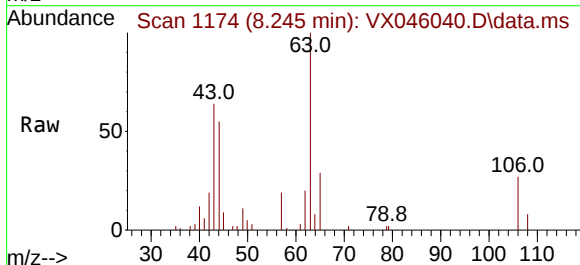
Acq: 05 May 2025 11:12

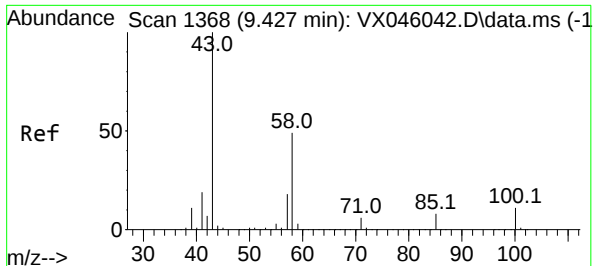
Tgt Ion: 63 Resp: 8395

Ion Ratio Lower Upper

63 100

106 25.9 21.5 32.3





#59

2-Hexanone

Concen: 12.333 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

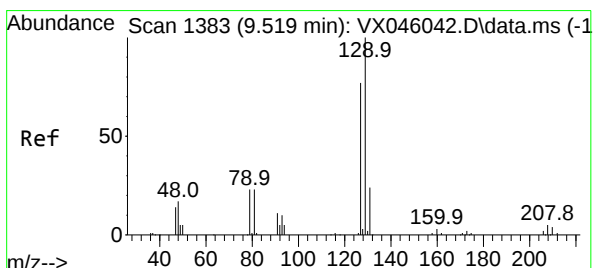
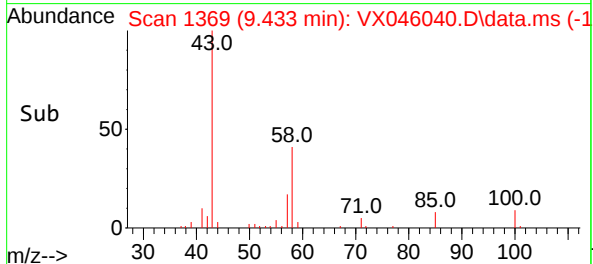
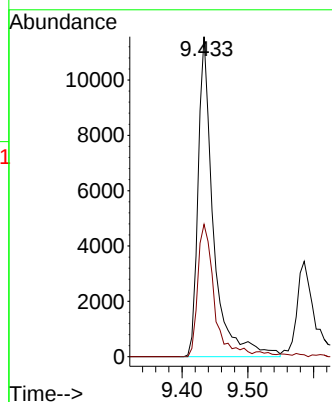
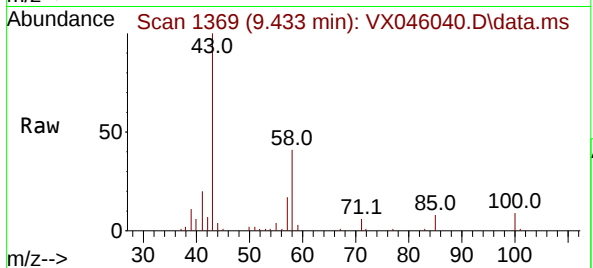
VSTDIC005

Tgt Ion: 43 Resp: 18672

Ion Ratio Lower Upper

43 100

58 44.4 24.9 74.6



#60

Dibromochloromethane

Concen: 2.426 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX046040.D

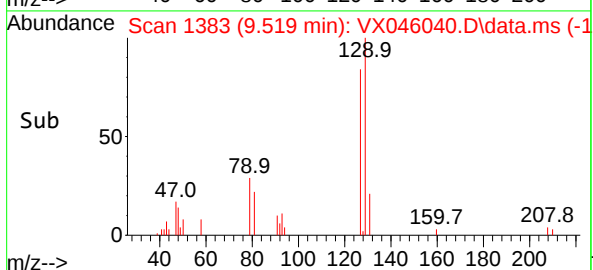
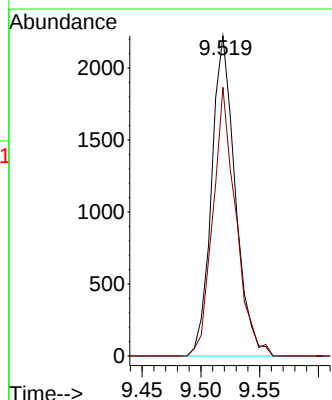
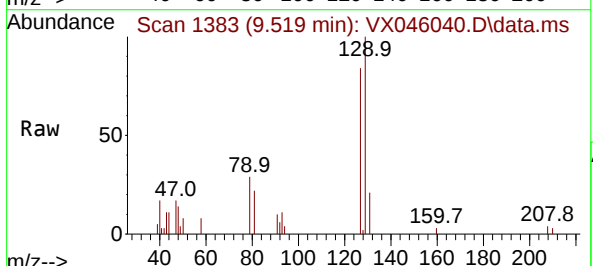
Acq: 05 May 2025 11:12

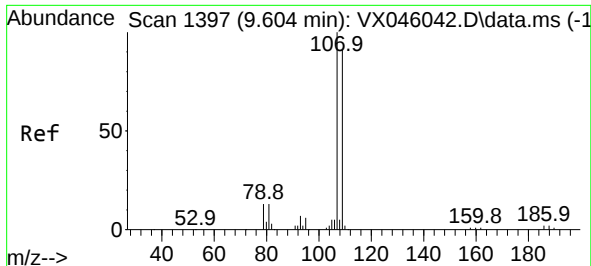
Tgt Ion: 129 Resp: 3111

Ion Ratio Lower Upper

129 100

127 81.2 39.3 117.8

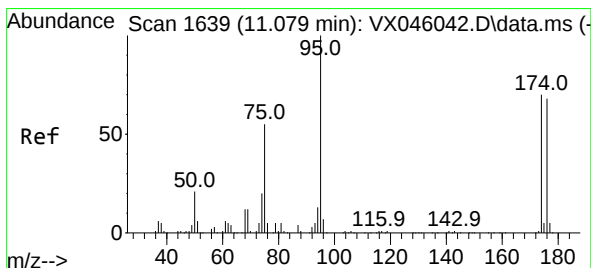
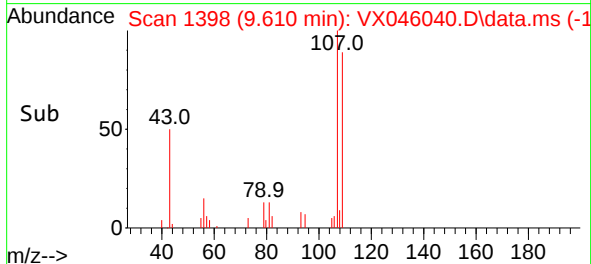
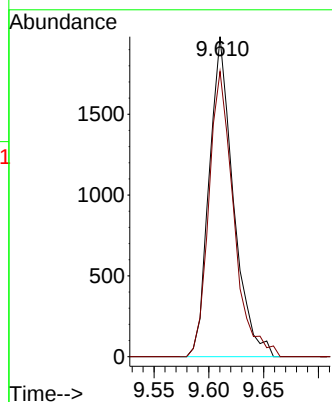
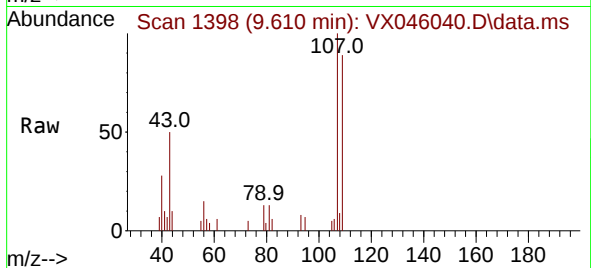




#61
1,2-Dibromoethane
Concen: 2.514 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

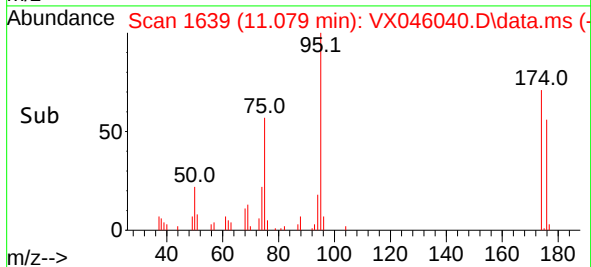
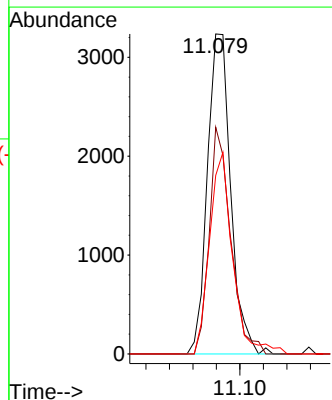
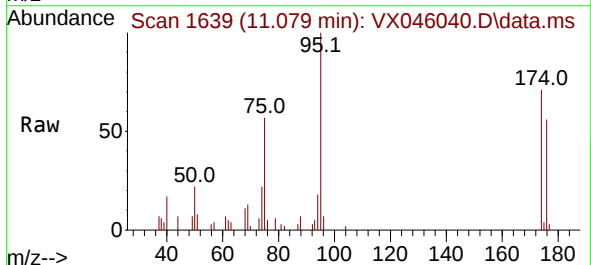
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

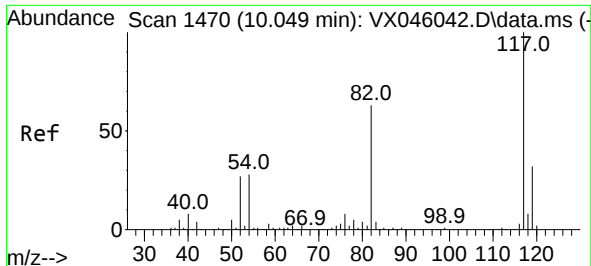
Tgt Ion:107 Resp: 3041
Ion Ratio Lower Upper
107 100
109 91.3 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 2.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 95 Resp: 4463
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.8
176 62.4 0.0 131.4

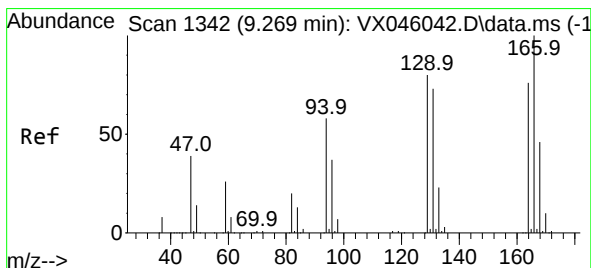
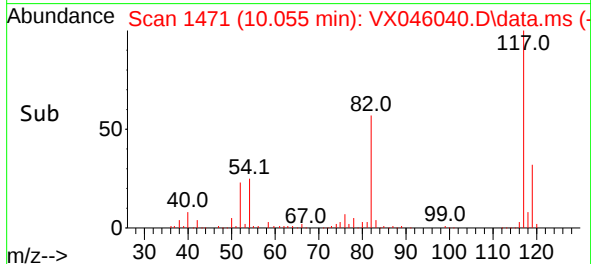
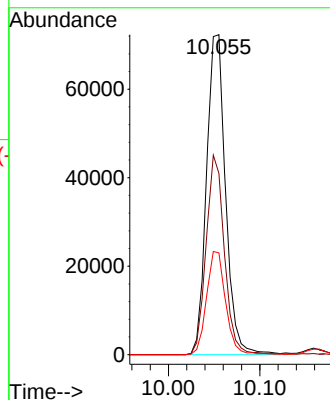
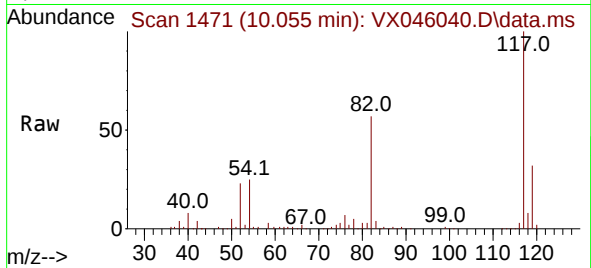




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

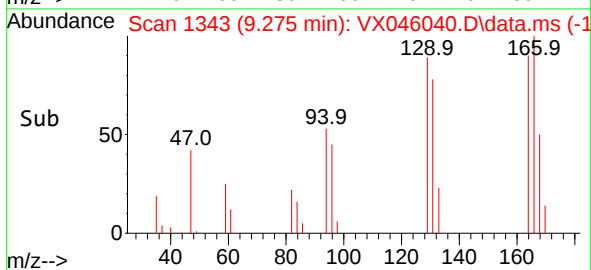
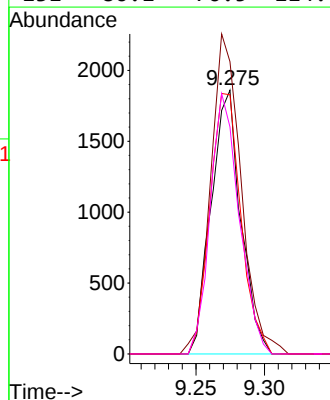
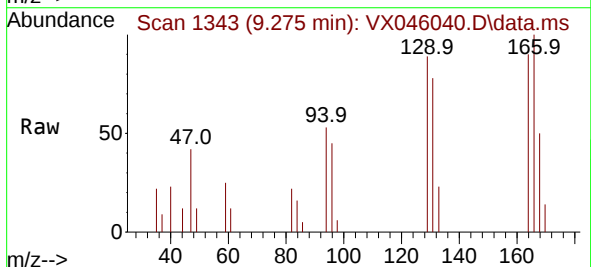
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

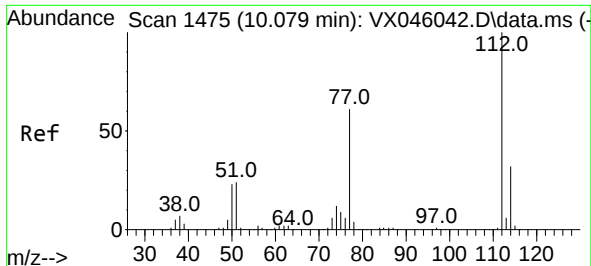
Tgt Ion:117 Resp: 104448
Ion Ratio Lower Upper
117 100
82 56.7 50.6 76.0
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 2.629 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:164 Resp: 2804
Ion Ratio Lower Upper
164 100
166 110.9 105.0 157.6
129 98.3 83.5 125.3
131 86.1 76.5 114.7

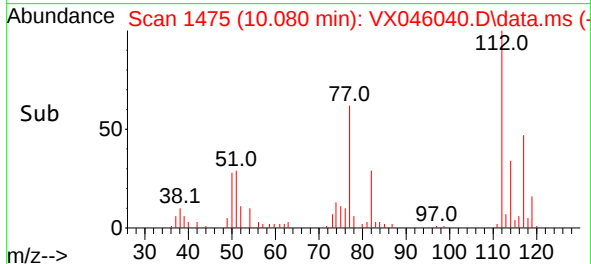
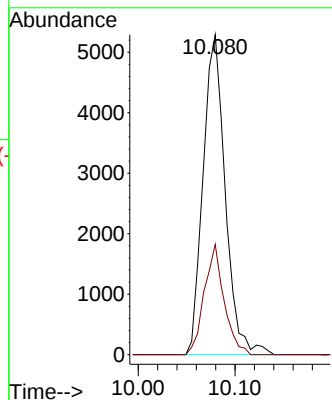
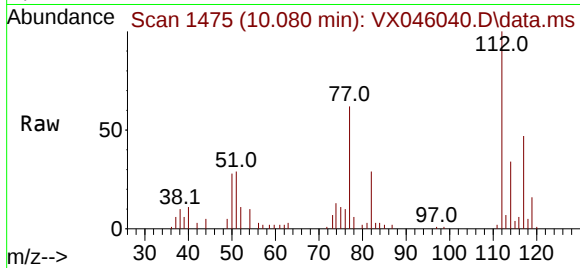




#65
Chlorobenzene
Concen: 2.623 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

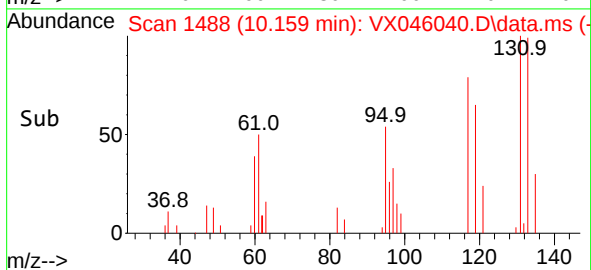
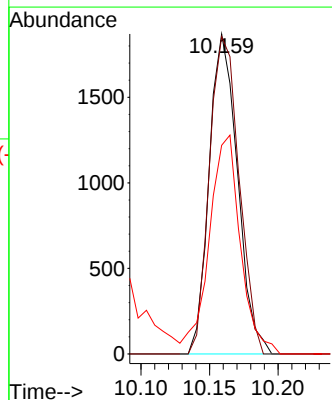
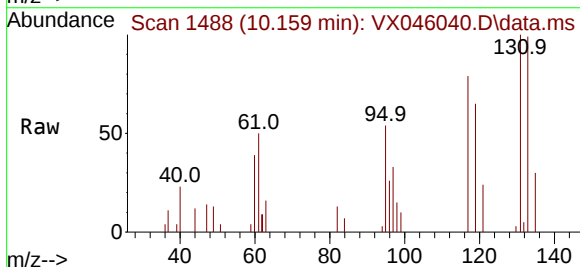
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

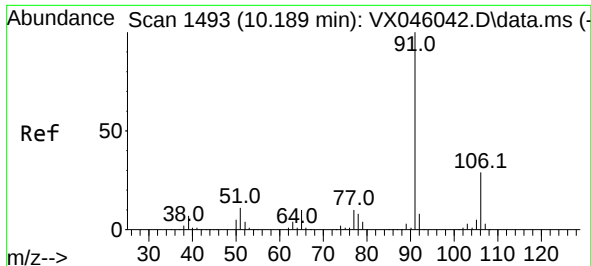
Tgt Ion:112 Resp: 8429
Ion Ratio Lower Upper
112 100
114 34.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 2.513 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:131 Resp: 2694
Ion Ratio Lower Upper
131 100
133 103.6 47.3 141.9
119 74.8 31.6 95.0





#67

Ethyl Benzene

Concen: 2.472 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

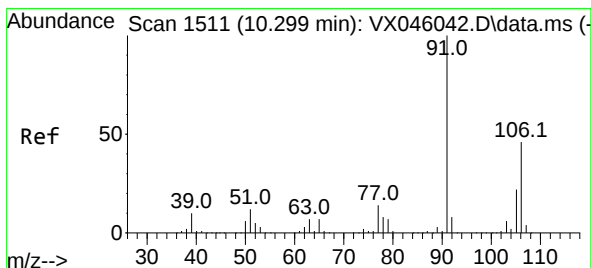
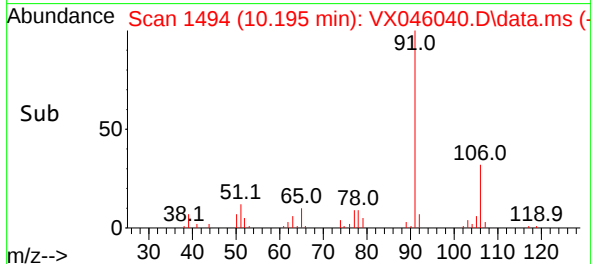
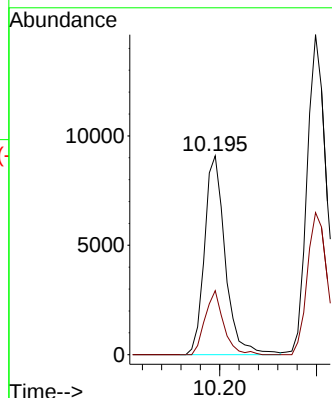
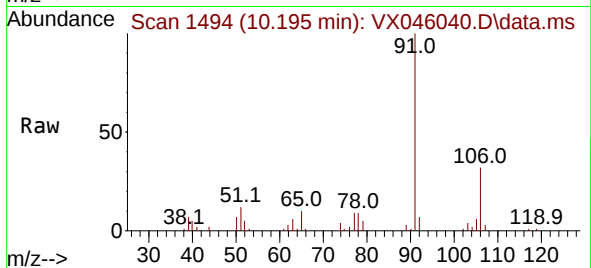
VSTDIC005

Tgt Ion: 91 Resp: 13547

Ion Ratio Lower Upper

91 100

106 32.2 23.4 35.2



#68

m/p-Xylenes

Concen: 4.886 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046040.D

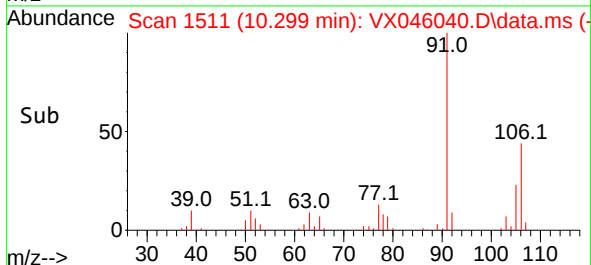
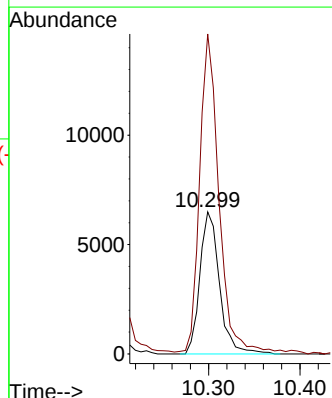
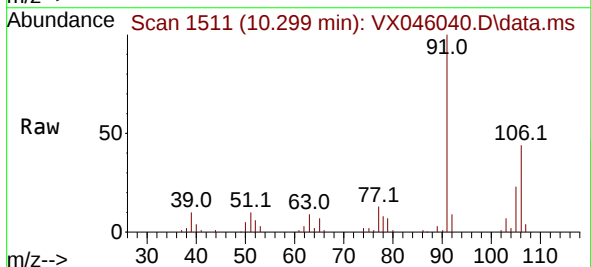
Acq: 05 May 2025 11:12

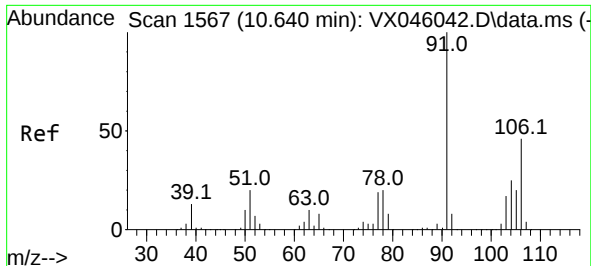
Tgt Ion:106 Resp: 9670

Ion Ratio Lower Upper

106 100

91 224.6 171.2 256.8

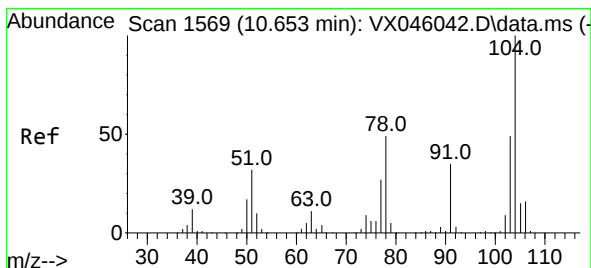
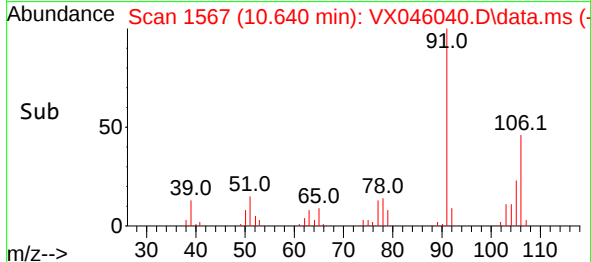
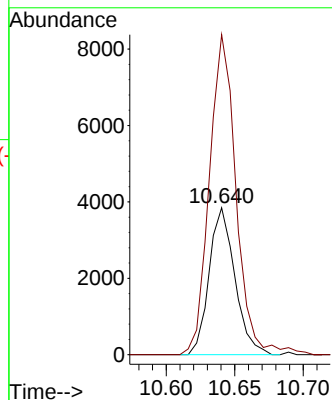
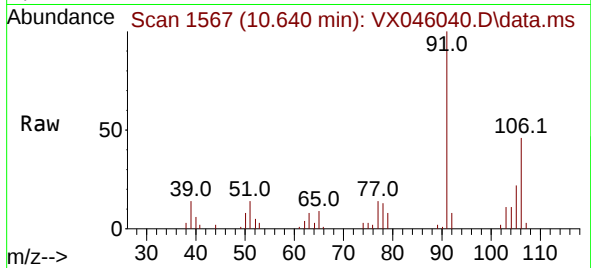




#69
o-Xylene
Concen: 2.516 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

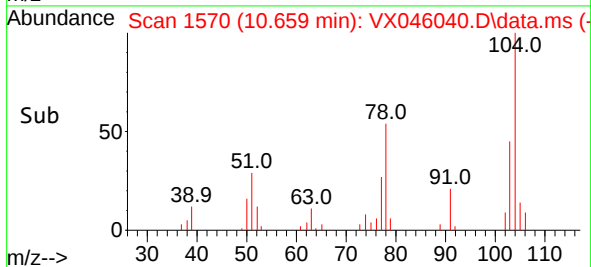
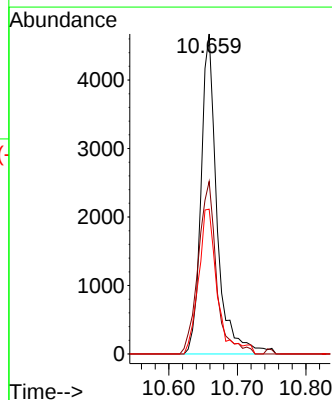
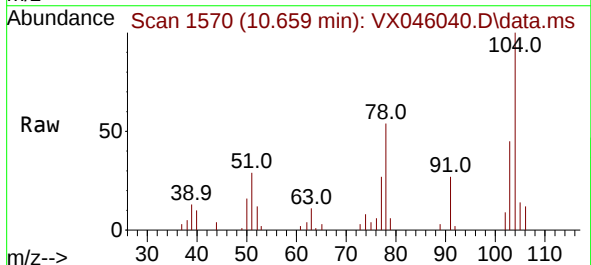
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

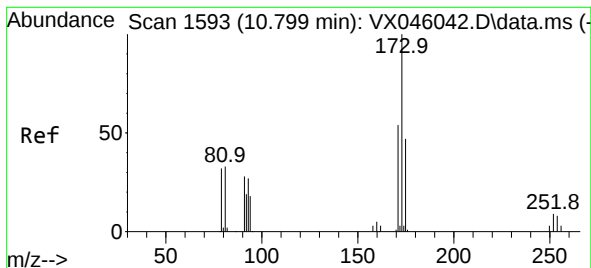
Tgt Ion:106 Resp: 5020
Ion Ratio Lower Upper
106 100
91 226.7 112.7 338.1



#70
Styrene
Concen: 2.384 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:104 Resp: 7611
Ion Ratio Lower Upper
104 100
78 61.4 45.7 68.5
103 53.0 43.7 65.5





#71

Bromoform

Concen: 2.377 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

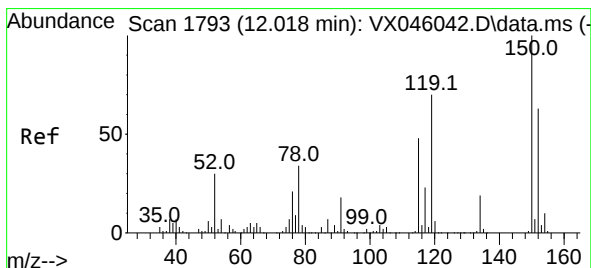
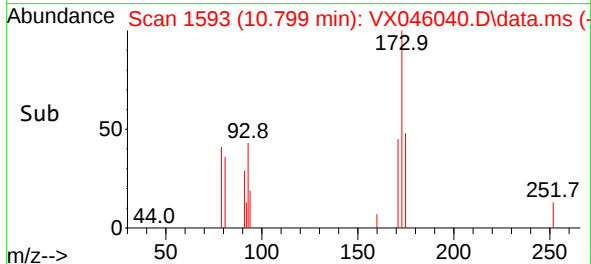
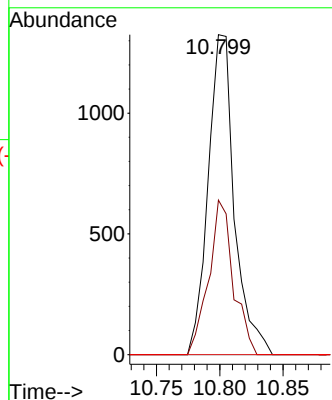
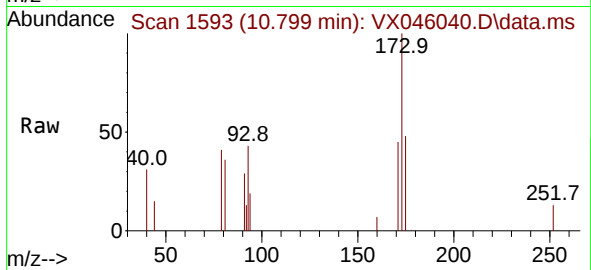
Tgt Ion:173 Resp: 1914

Ion Ratio Lower Upper

173 100

175 45.3 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: VX046040.D

Acq: 05 May 2025 11:12

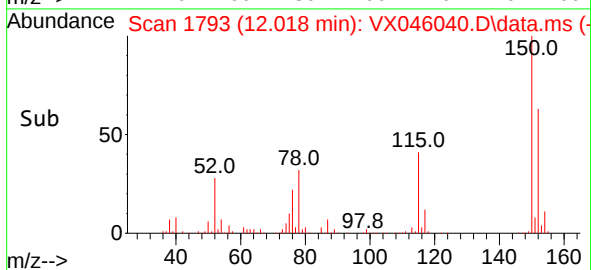
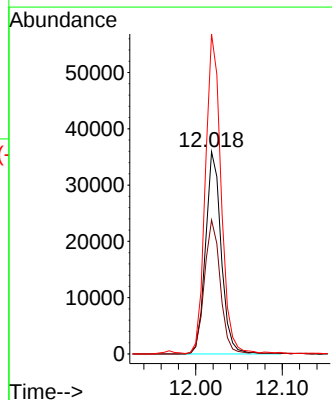
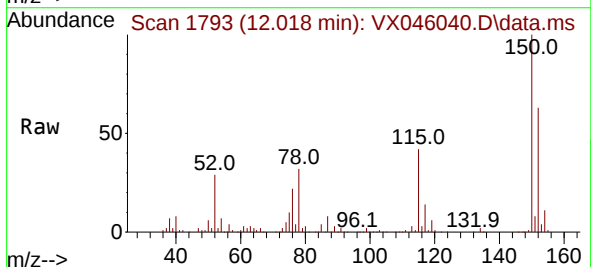
Tgt Ion:152 Resp: 44980

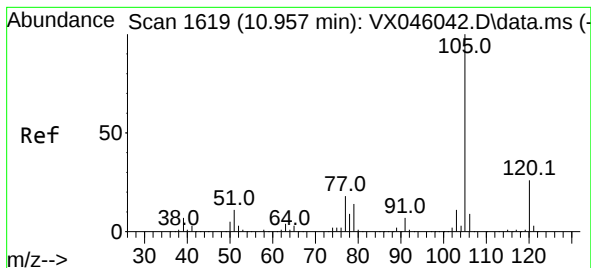
Ion Ratio Lower Upper

152 100

115 67.4 46.9 140.7

150 158.2 0.0 351.0





#73

Isopropylbenzene

Concen: 2.554 ug/l

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

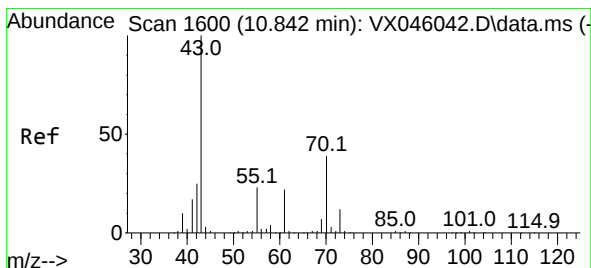
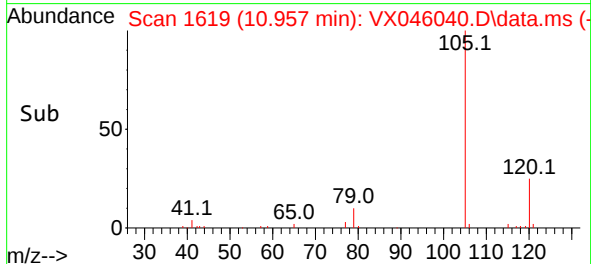
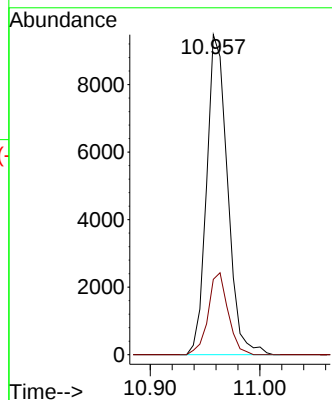
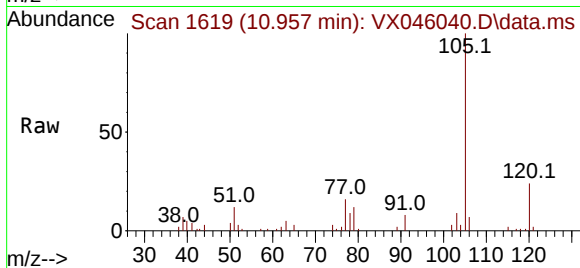
VSTDIC005

Tgt Ion:105 Resp: 12530

Ion Ratio Lower Upper

105 100

120 24.4 12.8 38.4



#74

N-ethyl acetate

Concen: 2.495 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Tgt Ion: 43 Resp: 6102

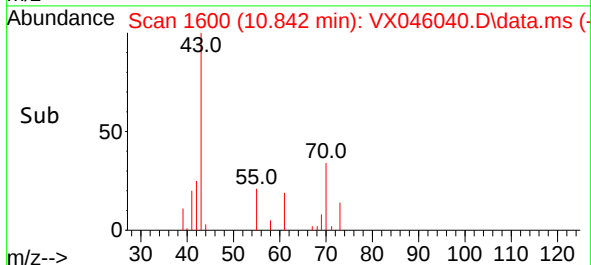
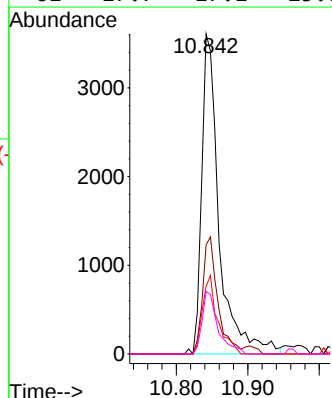
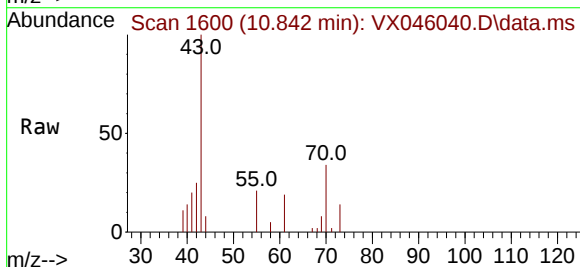
Ion Ratio Lower Upper

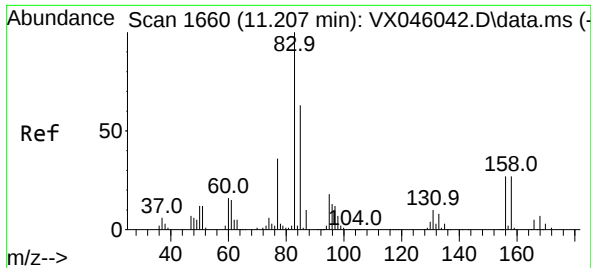
43 100

70 31.8 30.9 46.3

55 21.4 18.7 28.1

61 17.7 17.1 25.7

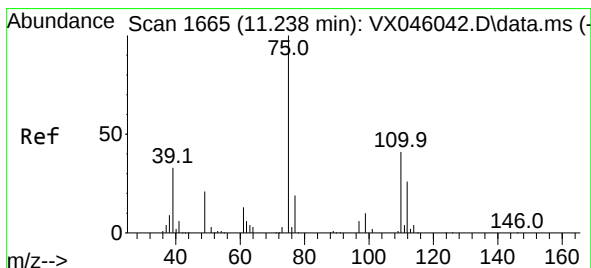
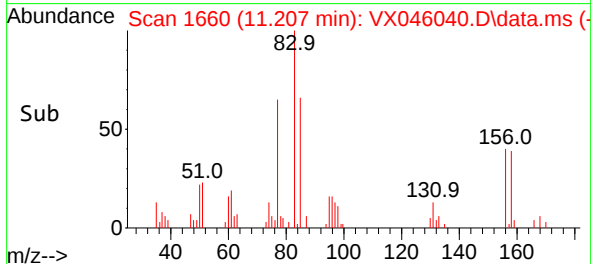
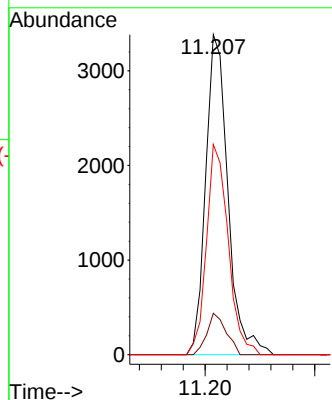
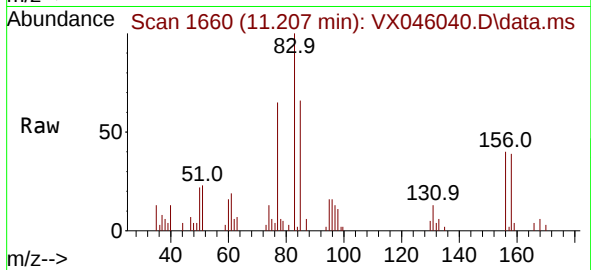




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.730 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

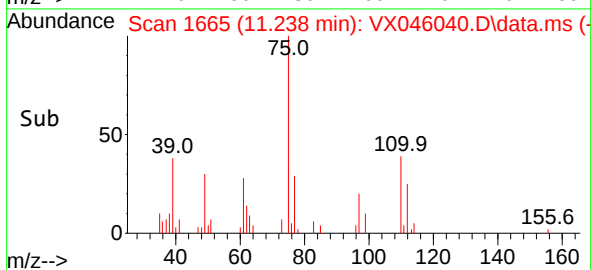
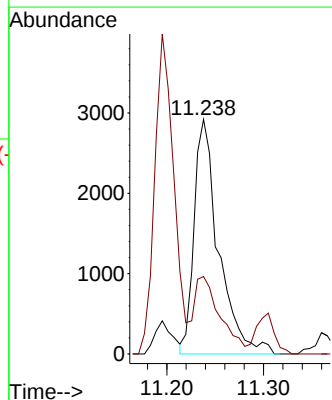
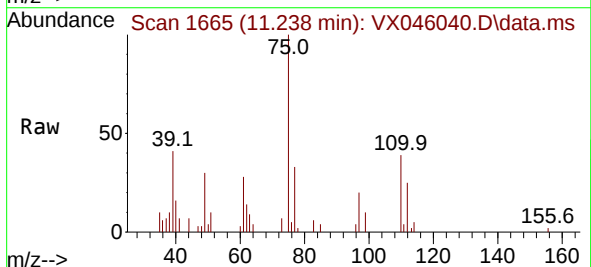
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

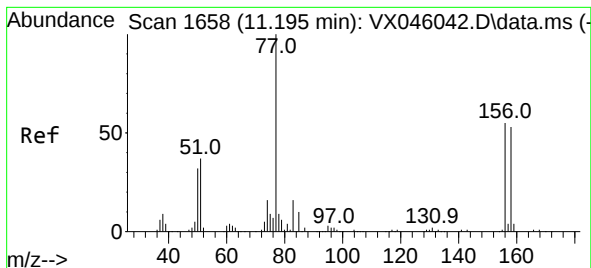
Tgt Ion: 83 Resp: 4765
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.0 14.9
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 2.729 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion: 75 Resp: 5118
 Ion Ratio Lower Upper
 75 100
 77 35.8 20.5 61.5





#77

Bromobenzene

Concen: 2.599 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

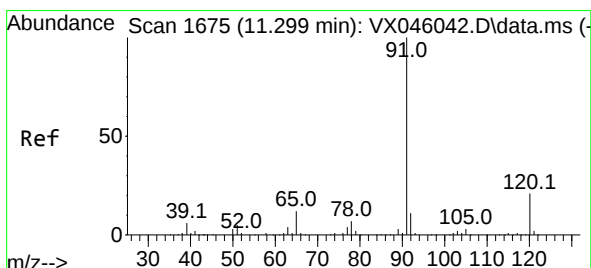
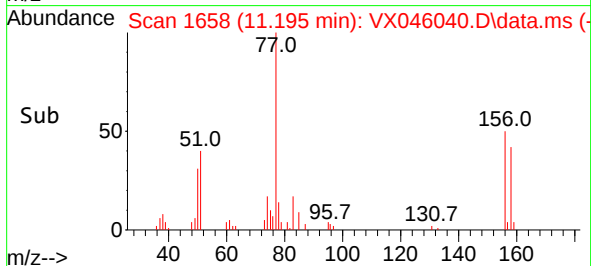
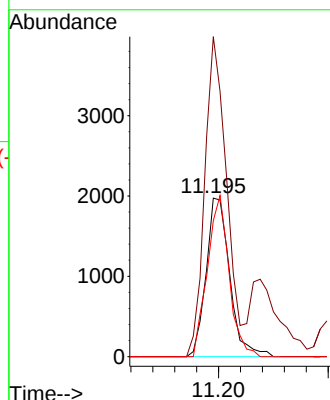
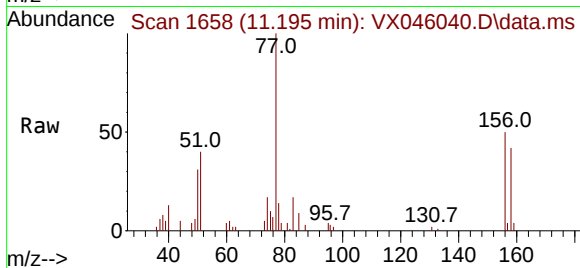
Tgt Ion:156 Resp: 2950

Ion Ratio Lower Upper

156 100

77 184.5 92.8 278.3

158 93.2 48.8 146.3



#78

n-propylbenzene

Concen: 2.451 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046040.D

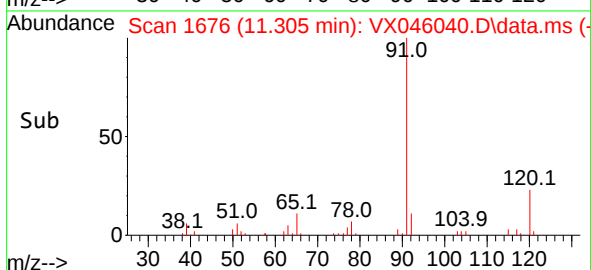
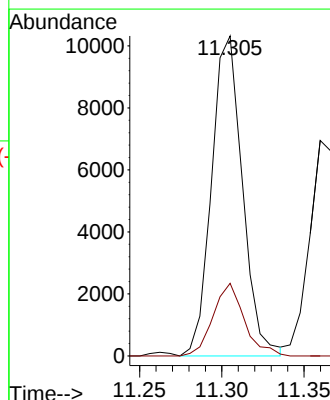
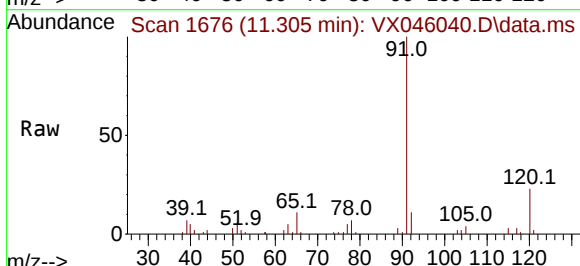
Acq: 05 May 2025 11:12

Tgt Ion: 91 Resp: 13477

Ion Ratio Lower Upper

91 100

120 23.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 2.657 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

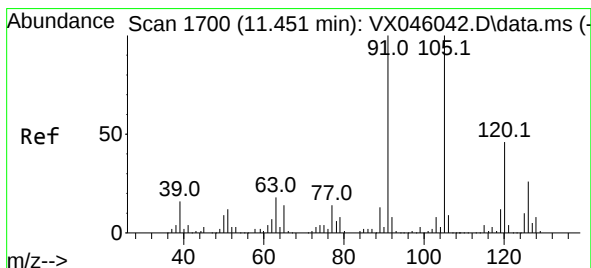
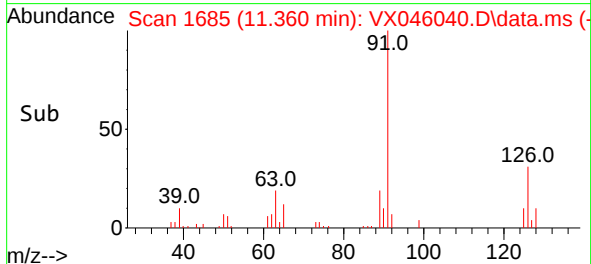
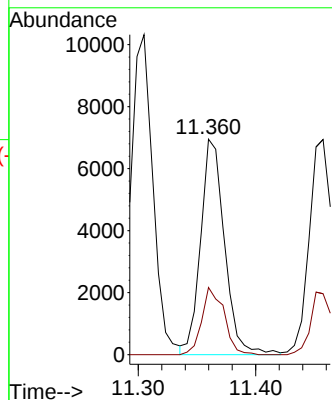
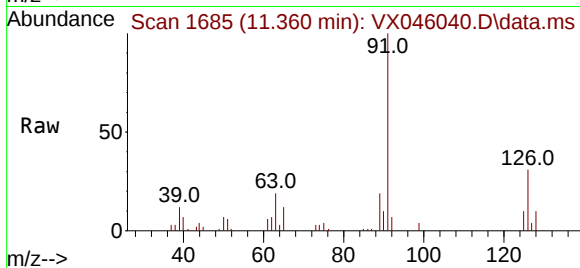
VSTDIC005

Tgt Ion: 91 Resp: 9846

Ion Ratio Lower Upper

91 100

126 29.0 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 2.529 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046040.D

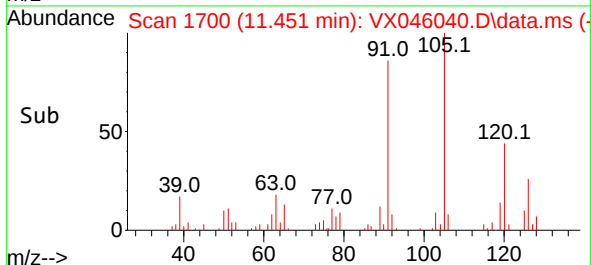
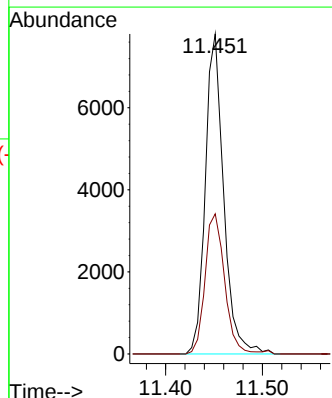
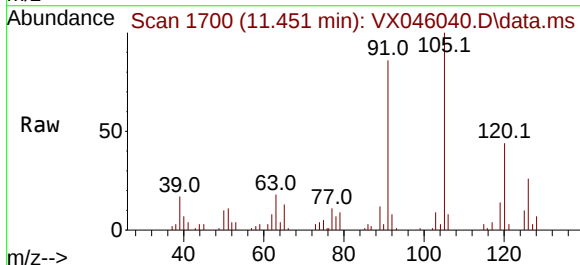
Acq: 05 May 2025 11:12

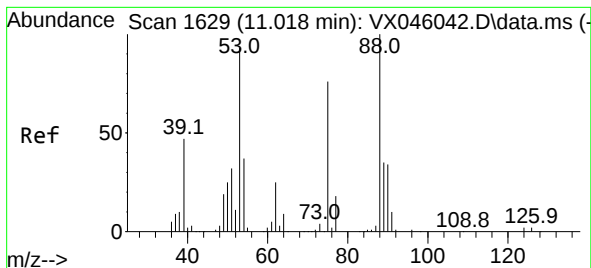
Tgt Ion: 105 Resp: 10301

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2

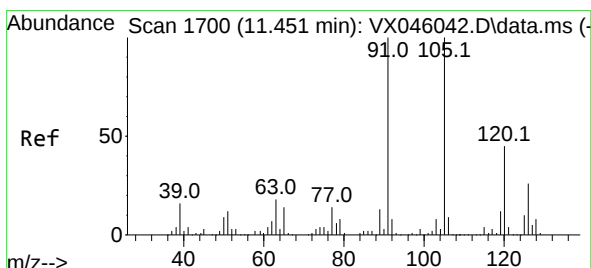
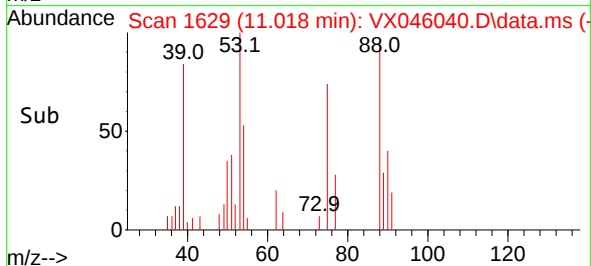
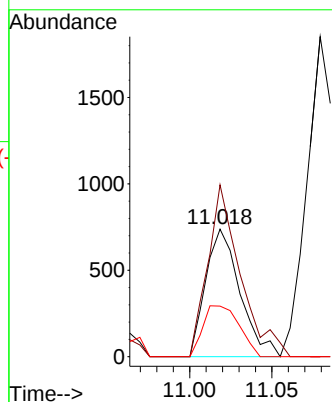
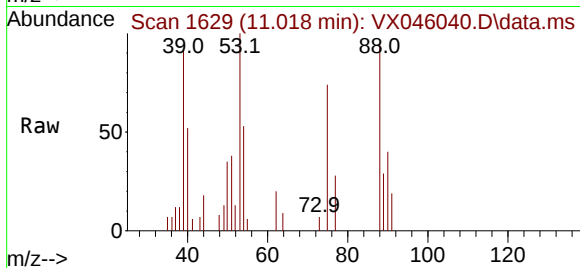




#81
trans-1,4-Dichloro-2-butene
Concen: 2.372 ug/l
RT: 11.018 min Scan# 11069
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

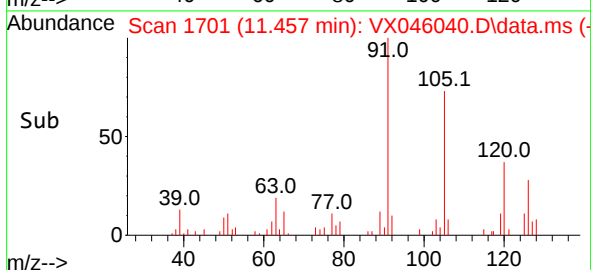
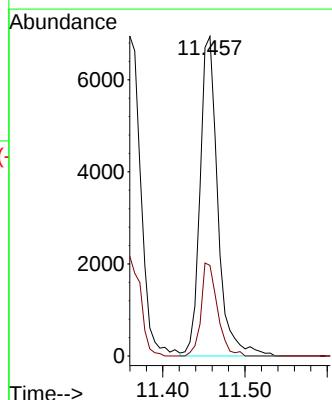
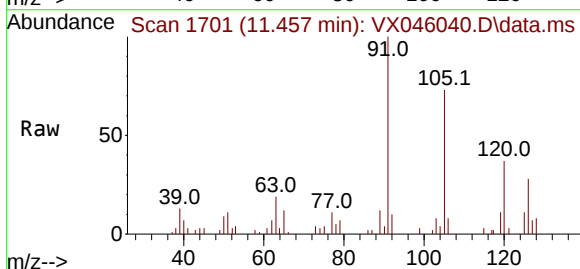
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

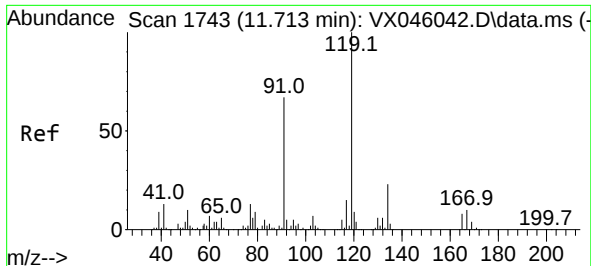
Tgt Ion: 75 Resp: 1069
Ion Ratio Lower Upper
75 100
53 127.9 100.5 150.7
89 42.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 2.559 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 91 Resp: 10425
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.8

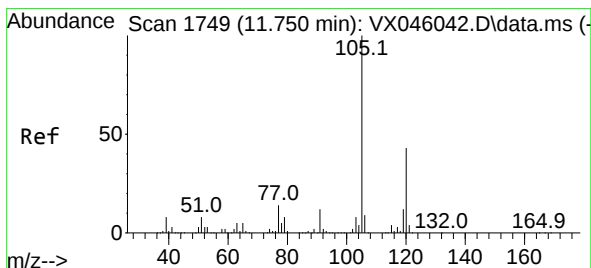
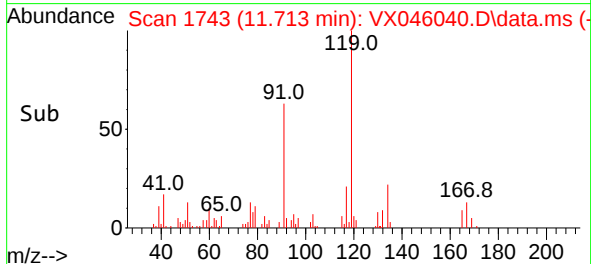
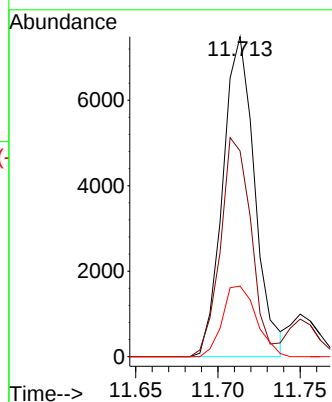
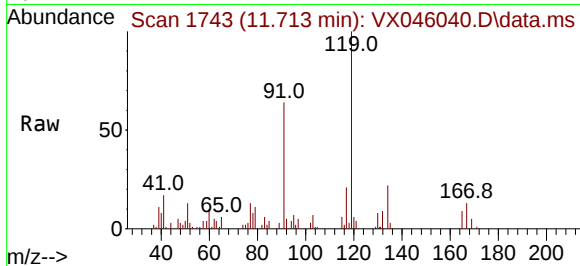




#83
 tert-Butylbenzene
 Concen: 2.523 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

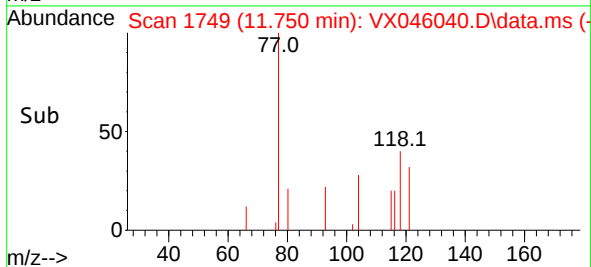
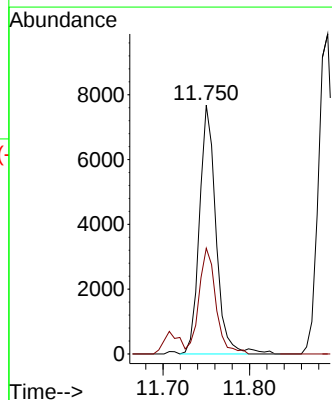
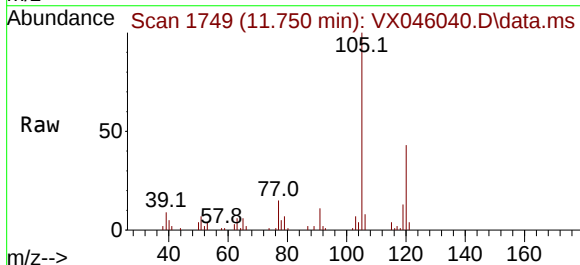
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	119	Resp:	10093
Ion	Ratio	Lower	Upper
119	100		
91	66.5	32.9	98.7
134	23.5	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.498 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion:	105	Resp:	10163
Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.2	63.6

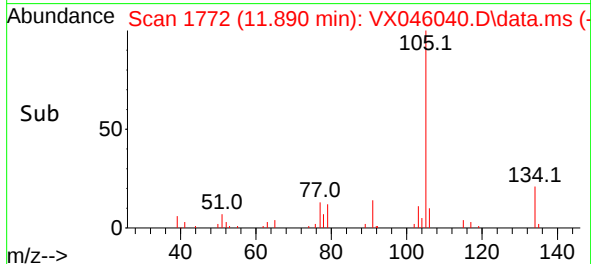
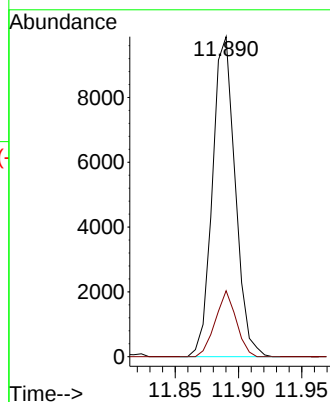
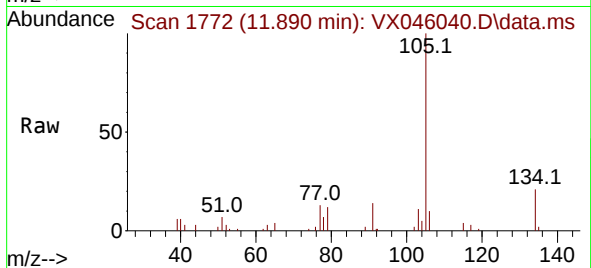




#85
 sec-Butylbenzene
 Concen: 2.485 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

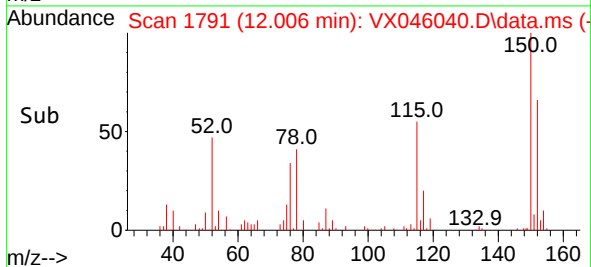
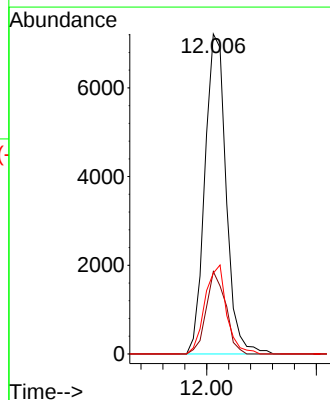
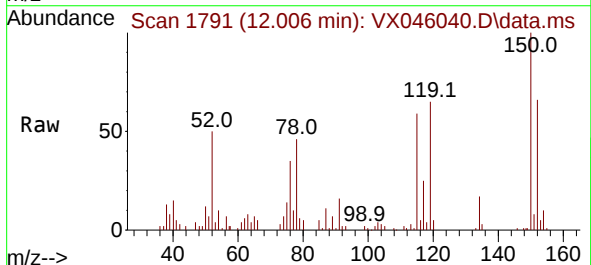
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

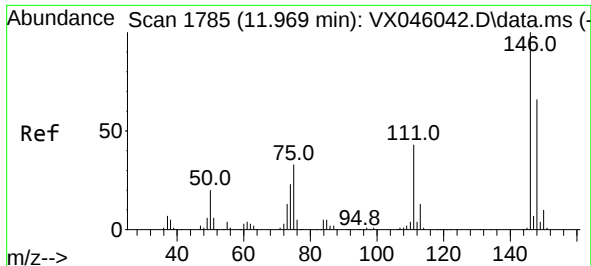
Tgt Ion:105 Resp: 12342
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 2.418 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046040.D
 Acq: 05 May 2025 11:12

Tgt Ion:119 Resp: 9696
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.5 37.5
 91 28.3 13.8 41.4

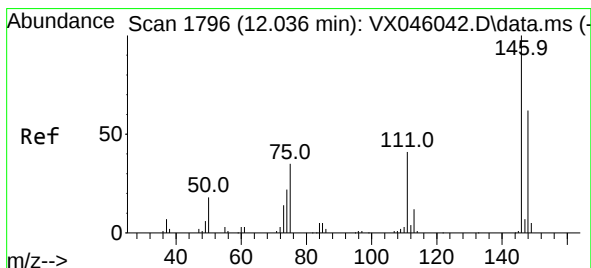
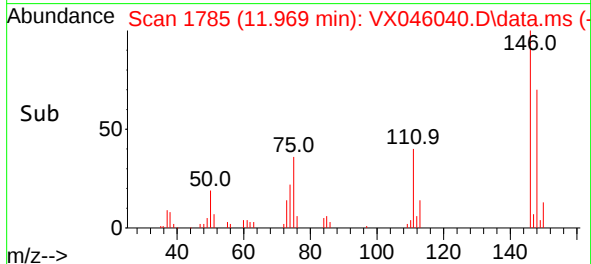
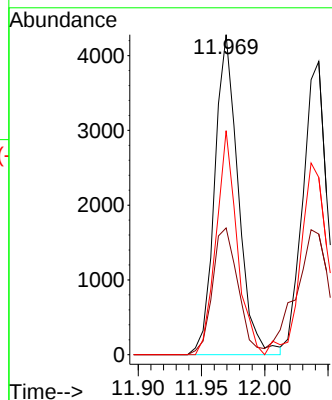
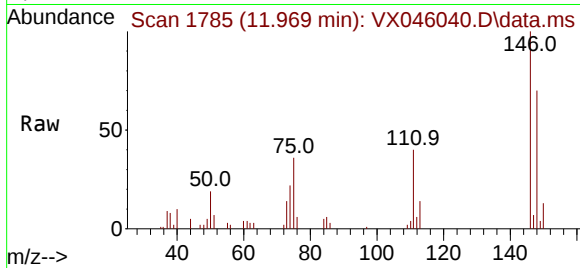




#87
1,3-Dichlorobenzene
Concen: 2.617 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

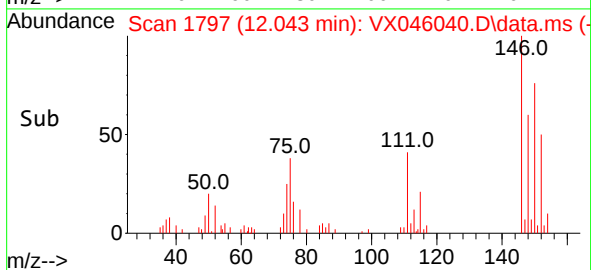
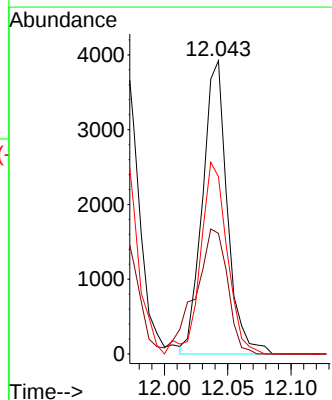
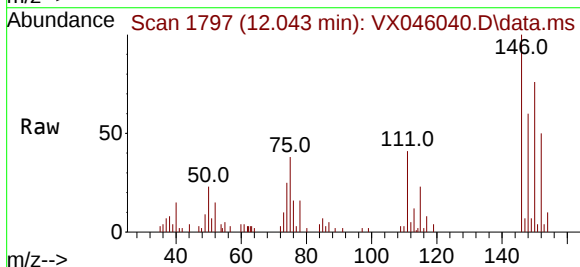
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5533
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 62.0 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 2.581 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:146 Resp: 5348
Ion Ratio Lower Upper
146 100
111 54.9 21.3 63.9
148 70.4 31.9 95.5





#89

n-Butylbenzene

Concen: 2.338 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

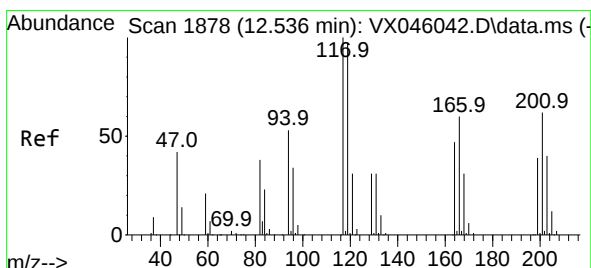
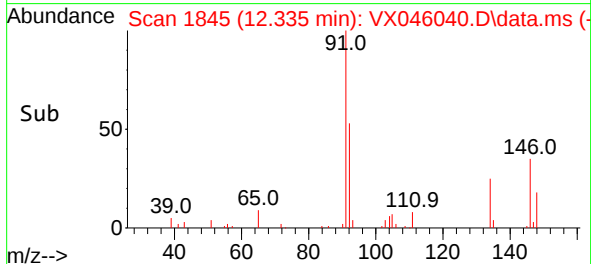
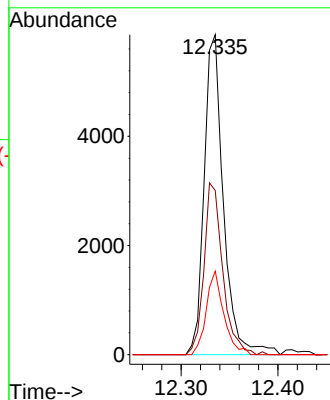
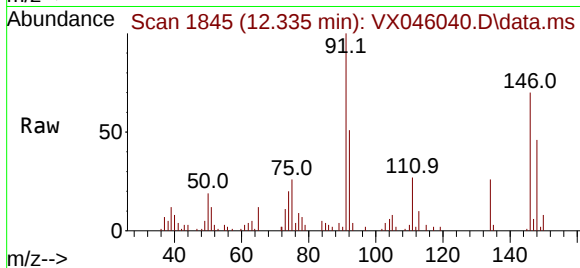
Tgt Ion: 91 Resp: 8149

Ion Ratio Lower Upper

91 100

92 52.2 26.9 80.7

134 23.8 11.8 35.3



#90

Hexachloroethane

Concen: 2.512 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046040.D

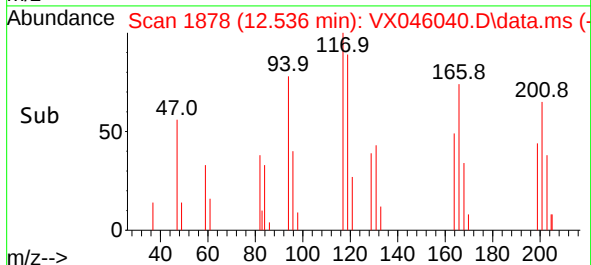
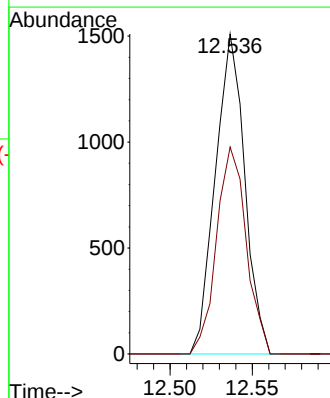
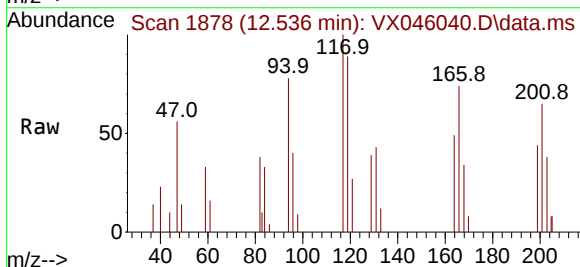
Acq: 05 May 2025 11:12

Tgt Ion: 117 Resp: 1874

Ion Ratio Lower Upper

117 100

201 65.4 31.6 94.7

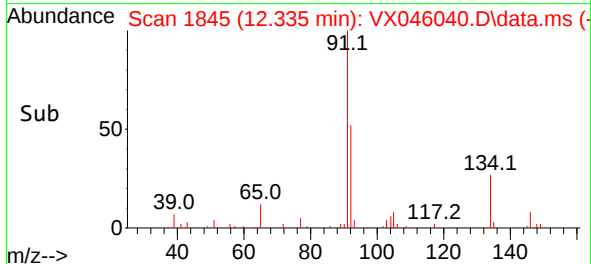
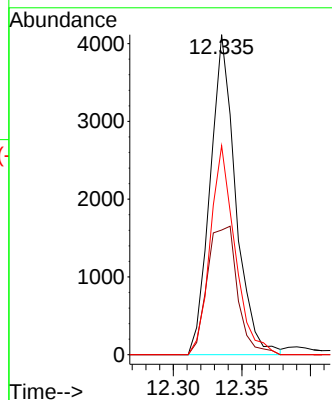
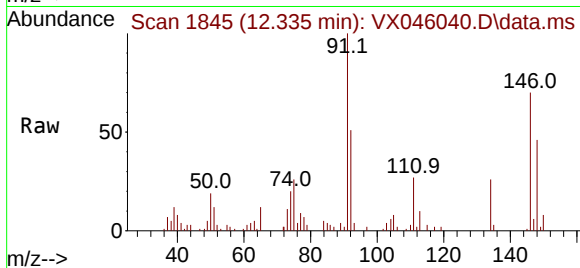




#91
1,2-Dichlorobenzene
Concen: 2.581 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

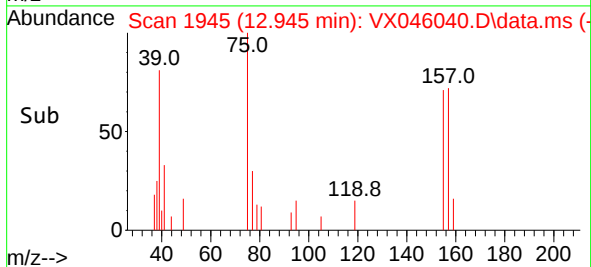
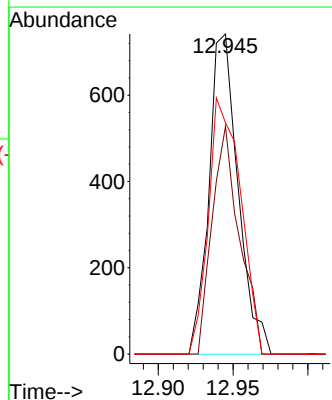
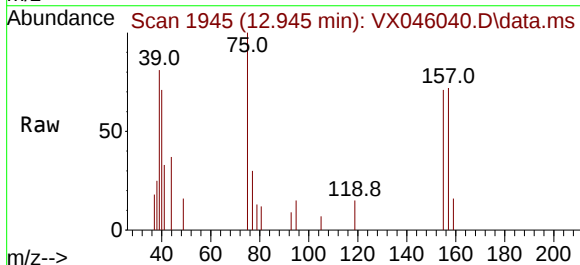
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

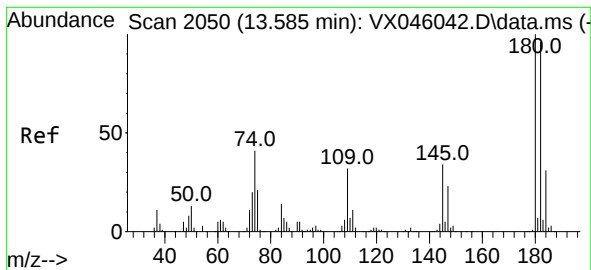
Tgt Ion:146 Resp: 5315
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.3
148 63.5 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.535 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion: 75 Resp: 1007
Ion Ratio Lower Upper
75 100
155 66.5 34.9 104.8
157 88.3 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 2.341 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

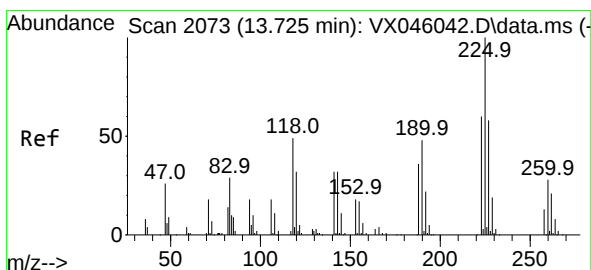
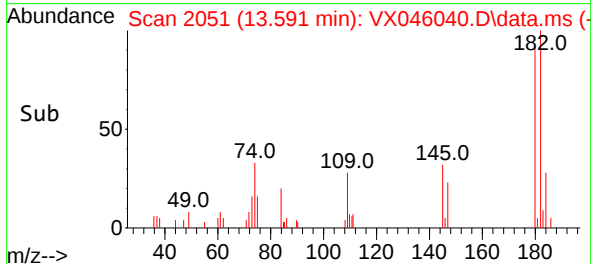
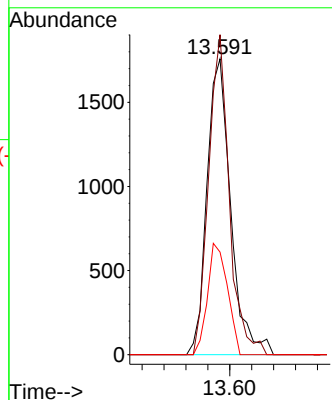
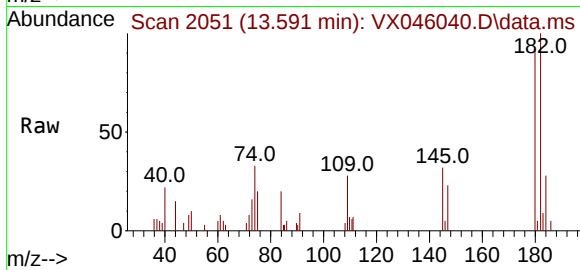
Tgt Ion:180 Resp: 2639

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 31.6 17.1 51.2



#94

Hexachlorobutadiene

Concen: 2.607 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046040.D

Acq: 05 May 2025 11:12

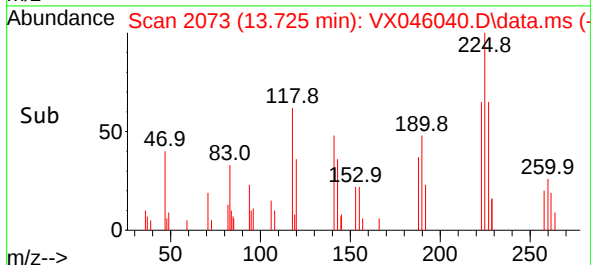
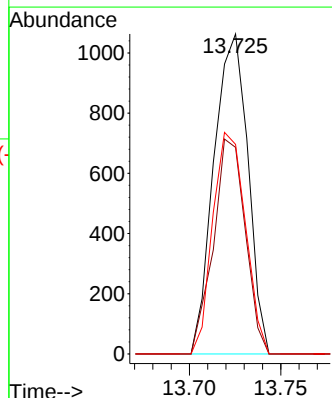
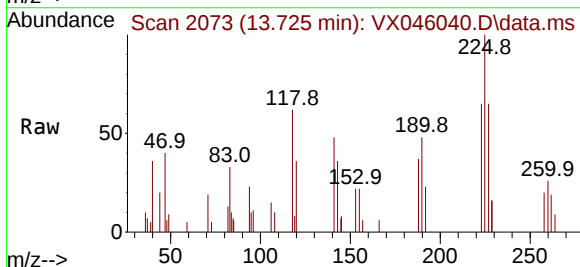
Tgt Ion:225 Resp: 1375

Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.4

227 66.5 30.9 92.7

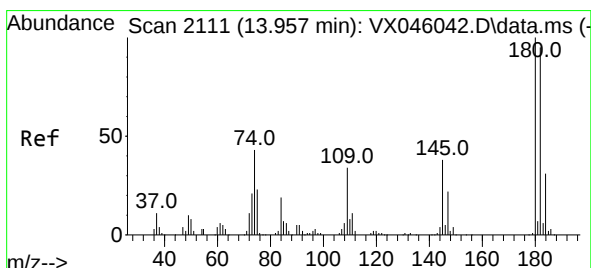
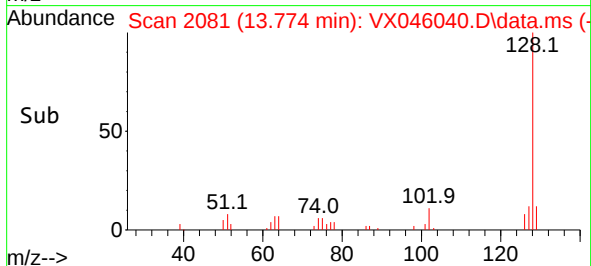
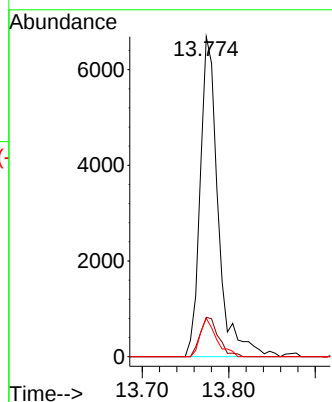
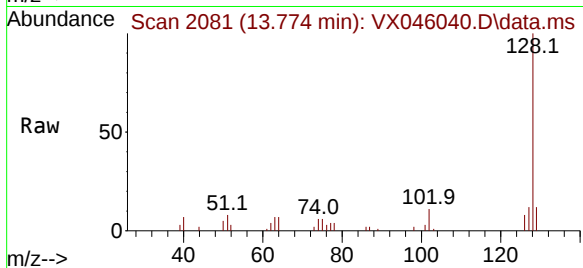




#95
Naphthalene
Concen: 2.354 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	9667
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.4 15.6
129	10.8	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.401 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046040.D
Acq: 05 May 2025 11:12

Tgt Ion:180	Resp:	2839
Ion	Ratio	Lower Upper
180	100	
182	89.9	47.8 143.3
145	37.0	18.1 54.3

