

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046151.D
 Acq On : 12 May 2025 20:13
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 13 03:24:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83583	53.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.180%	
35) Dibromofluoromethane	5.385	113	56701	52.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	8.647	98	195302	52.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	11.079	95	76562	53.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	74492	57.635	ug/l	97
3) Chloromethane	1.307	50	69980	55.833	ug/l	98
4) Vinyl Chloride	1.374	62	63843	54.730	ug/l	100
5) Bromomethane	1.593	94	27785	51.354	ug/l	96
6) Chloroethane	1.666	64	34462	55.340	ug/l	100
7) Trichlorofluoromethane	1.874	101	95785	55.560	ug/l	98
8) Diethyl Ether	2.136	74	30786	52.457	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	56460	52.920	ug/l	99
10) Methyl Iodide	2.441	142	66376	52.578	ug/l	98
11) Tert butyl alcohol	2.983	59	64518	291.953	ug/l	98
12) 1,1-Dichloroethene	2.307	96	53298	53.228	ug/l	97
13) Acrolein	2.240	56	74689	296.773	ug/l	99
14) Allyl chloride	2.654	41	105269	55.009	ug/l	97
15) Acrylonitrile	3.063	53	181373	287.028	ug/l	98
16) Acetone	2.386	43	175264	277.654	ug/l	99
17) Carbon Disulfide	2.502	76	122607	51.648	ug/l	98
18) Methyl Acetate	2.703	43	86297	58.914	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	195233	55.614	ug/l	100
20) Methylene Chloride	2.782	84	61586	50.913	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	54341	53.965	ug/l	98
22) Diisopropyl ether	3.764	45	207822	56.220	ug/l	89
23) Vinyl Acetate	3.721	43	928468	285.573	ug/l	100
24) 1,1-Dichloroethane	3.605	63	113546	55.149	ug/l	99
25) 2-Butanone	4.556	43	265533	289.753	ug/l	99
26) 2,2-Dichloropropane	4.471	77	69836	43.336	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	65600	54.115	ug/l	98
28) Bromochloromethane	4.891	49	52209	52.681	ug/l	100
29) Tetrahydrofuran	5.001	42	167030	290.868	ug/l	99
30) Chloroform	5.087	83	119601	55.732	ug/l	99
31) Cyclohexane	5.458	56	100349	53.486	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101692	54.665	ug/l	100
36) 1,1-Dichloropropene	5.684	75	75174	51.761	ug/l	99
37) Ethyl Acetate	4.715	43	97634	54.412	ug/l	100
38) Carbon Tetrachloride	5.672	117	87194	53.434	ug/l	95
39) Methylcyclohexane	7.373	83	96352	51.532	ug/l	100
40) Benzene	6.032	78	229313	53.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57249	60.991	ug/l	99
42) 1,2-Dichloroethane	6.080	62	98691	53.754	ug/l	100
43) Isopropyl Acetate	6.336	43	154796	56.549	ug/l	100
44) Trichloroethene	7.123	130	54354	53.088	ug/l	95
45) 1,2-Dichloropropane	7.428	63	58252	55.070	ug/l	99
46) Dibromomethane	7.574	93	44447	53.276	ug/l	99
47) Bromodichloromethane	7.818	83	89879	54.699	ug/l	98
48) Methyl methacrylate	7.690	41	82478	58.997	ug/l	98
49) 1,4-Dioxane	7.659	88	32403	1220.720	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	526149	289.566	ug/l	99
52) Toluene	8.714	92	142312	54.558	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80057	54.814	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87575	54.251	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	57270	55.681	ug/l	98
56) Ethyl methacrylate	9.116	69	97531	59.497	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100343	54.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	238807	285.751	ug/l	98
59) 2-Hexanone	9.427	43	388652	289.111	ug/l	100
60) Dibromochloromethane	9.519	129	64734	57.309	ug/l	98
61) 1,2-Dibromoethane	9.604	107	58970	55.163	ug/l	96
64) Tetrachloroethene	9.269	164	47468	49.713	ug/l	97
65) Chlorobenzene	10.080	112	152859	51.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54091	53.628	ug/l	100
67) Ethyl Benzene	10.189	91	278483	53.485	ug/l	100
68) m/p-Xylenes	10.299	106	205481	107.902	ug/l	99
69) o-Xylene	10.640	106	100802	54.296	ug/l	97
70) Styrene	10.653	104	172928	56.861	ug/l	100
71) Bromoform	10.799	173	40277	53.188	ug/l #	97
73) Isopropylbenzene	10.957	105	269183	54.324	ug/l	100
74) N-amyl acetate	10.842	43	137943	56.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89036	51.275	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	98172	64.080	ug/l	86
77) Bromobenzene	11.195	156	61273	53.263	ug/l	99
78) n-propylbenzene	11.299	91	311907	54.136	ug/l	100
79) 2-Chlorotoluene	11.360	91	195086	52.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	229252	55.380	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23200	49.302	ug/l	99
82) 4-Chlorotoluene	11.451	91	223356	54.198	ug/l	99
83) tert-Butylbenzene	11.713	119	223159	53.518	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	230448	54.971	ug/l	100
85) sec-Butylbenzene	11.890	105	280284	54.745	ug/l	100
86) p-Isopropyltoluene	12.006	119	229203	54.236	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	110646	52.701	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	109345	50.997	ug/l	99
89) n-Butylbenzene	12.329	91	198181	53.462	ug/l	99
90) Hexachloroethane	12.536	117	39649	53.254	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	110436	52.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21159	55.004	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	61444	50.777	ug/l	99
94) Hexachlorobutadiene	13.725	225	26650	50.426	ug/l	97
95) Naphthalene	13.774	128	235485	53.059	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	66156	52.984	ug/l	97

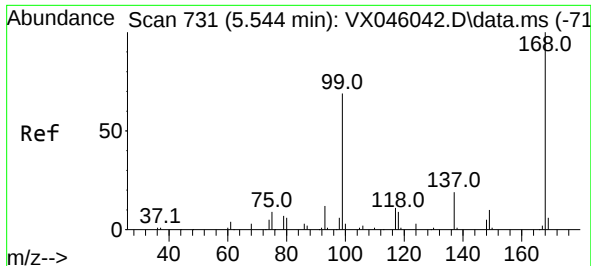
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Response via : Initial Calibration

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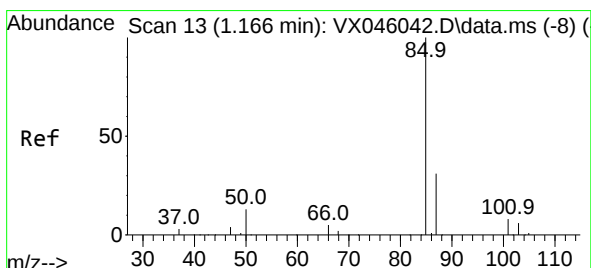
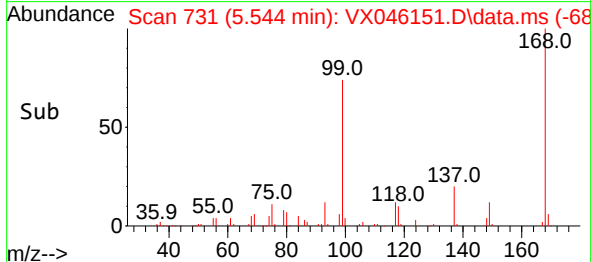
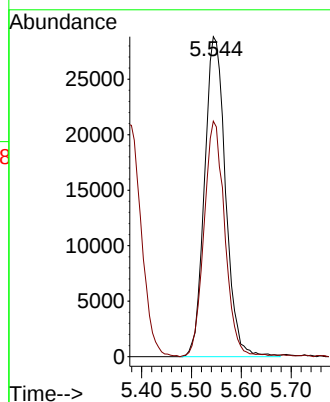
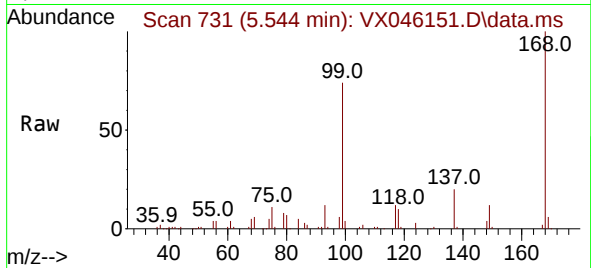
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

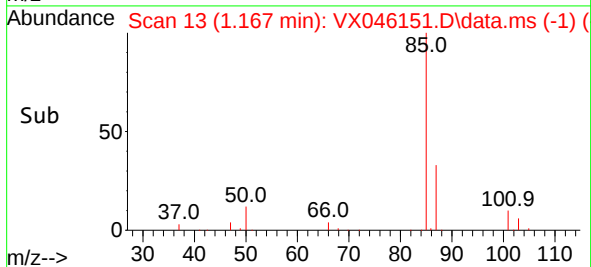
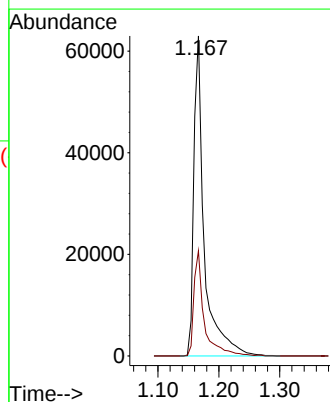
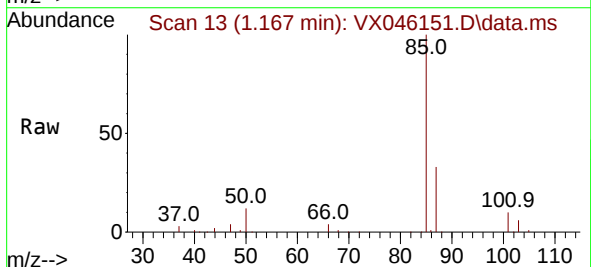
Instrument :
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ClientSampleId :
VSTDCCC050EC

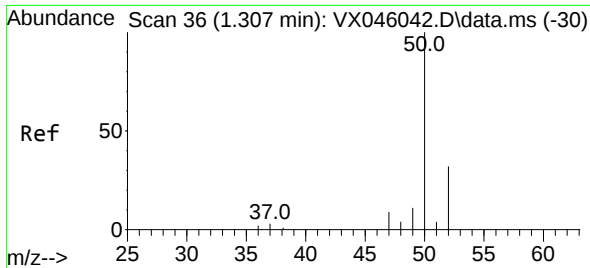
Tgt Ion:168 Resp: 84445
Ion Ratio Lower Upper
168 100
99 73.6 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 57.635 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 85 Resp: 74492
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1

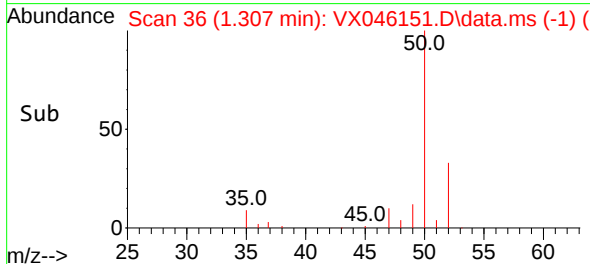
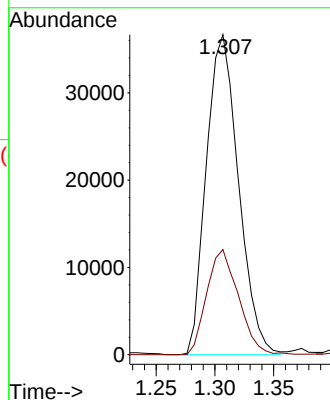
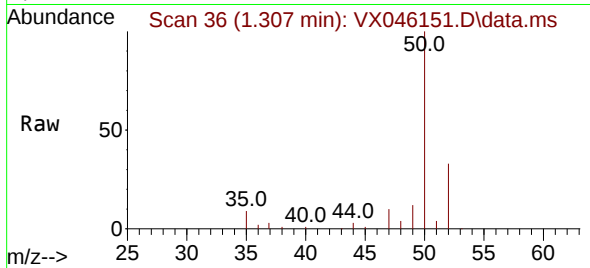




#3
Chloromethane
Concen: 55.833 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

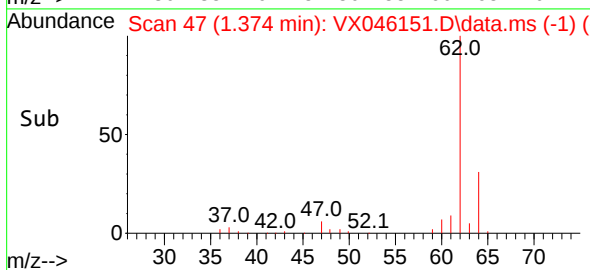
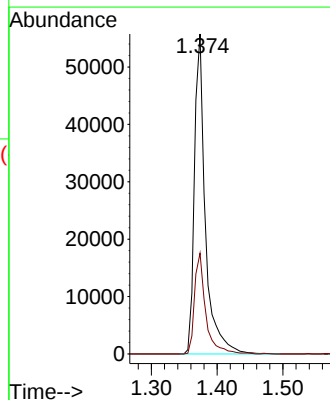
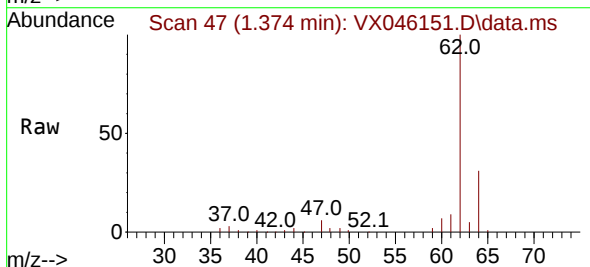
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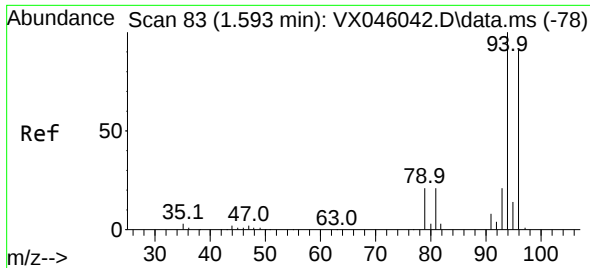
Tgt Ion: 50 Resp: 69980
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 54.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 62 Resp: 63843
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

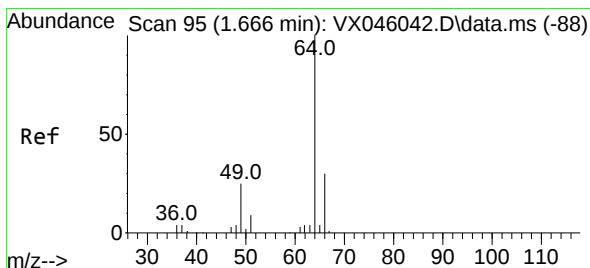
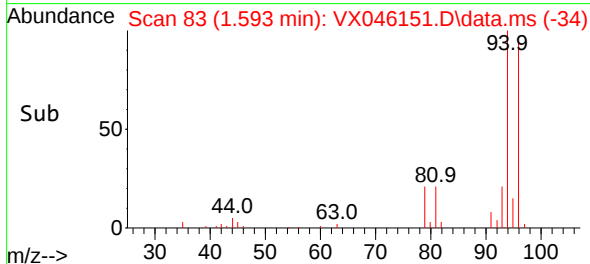
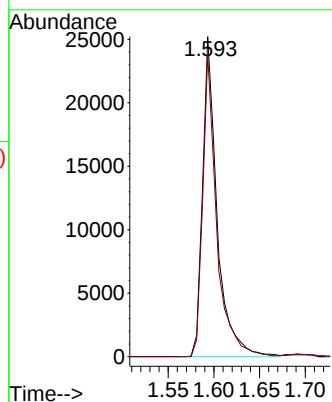
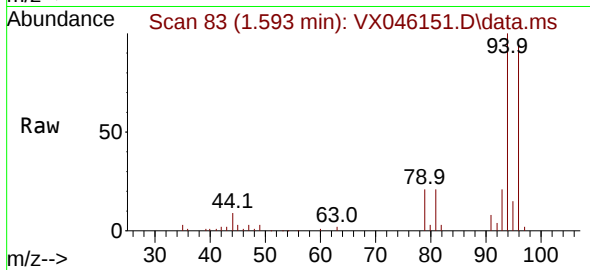




#5
Bromomethane
Concen: 51.354 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

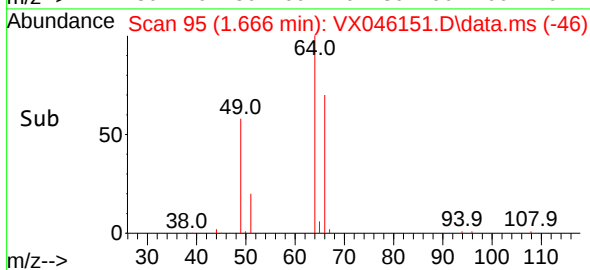
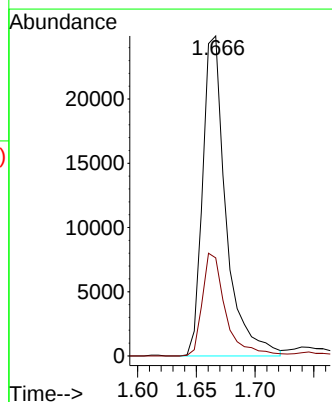
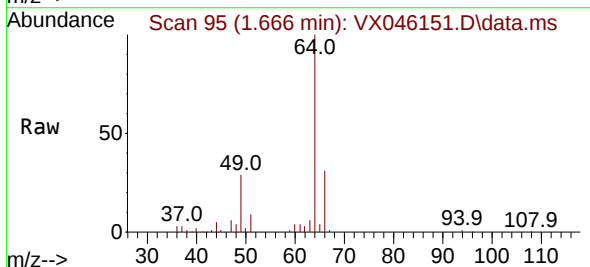
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 27785
Ion Ratio Lower Upper
94 100
96 94.4 72.8 109.2



#6
Chloroethane
Concen: 55.340 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 64 Resp: 34462
Ion Ratio Lower Upper
64 100
66 30.6 24.3 36.5

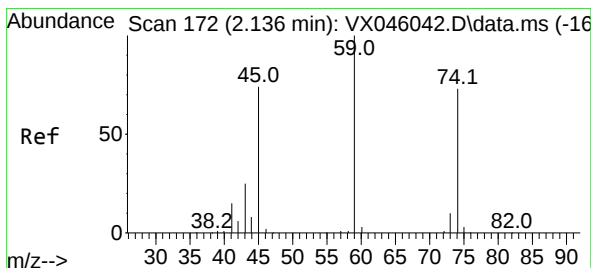
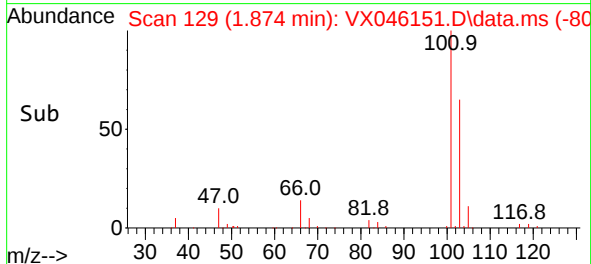
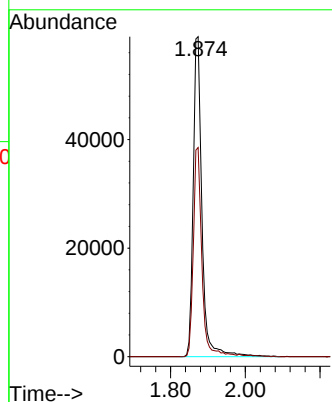
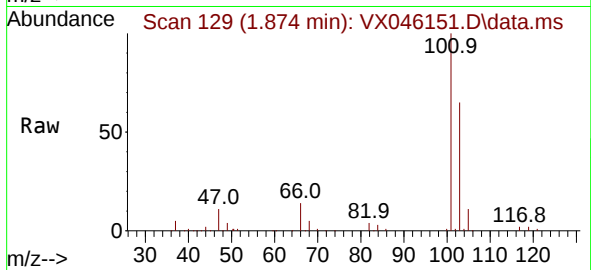




#7
Trichlorofluoromethane
Concen: 55.560 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

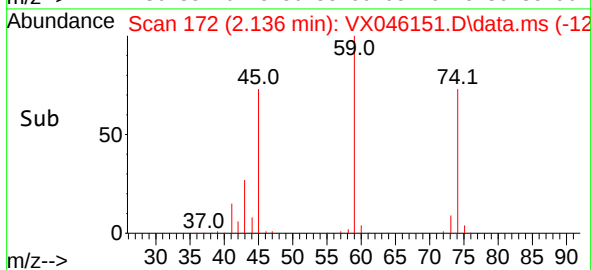
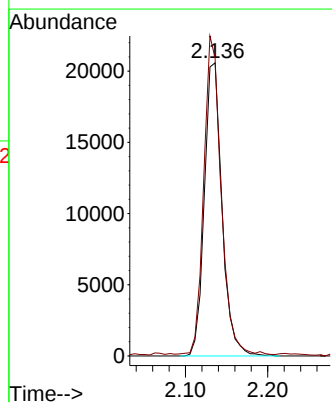
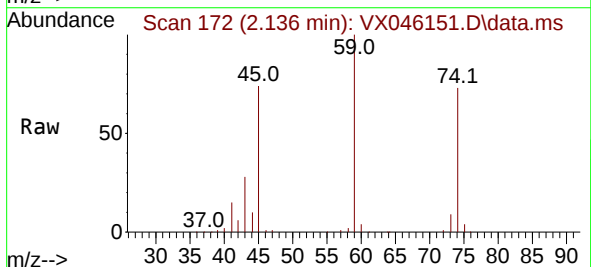
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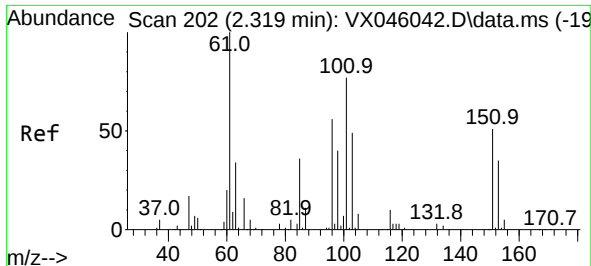
Tgt Ion:101 Resp: 95785
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4



#8
Diethyl Ether
Concen: 52.457 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 74 Resp: 30786
Ion Ratio Lower Upper
74 100
45 106.1 54.9 164.8

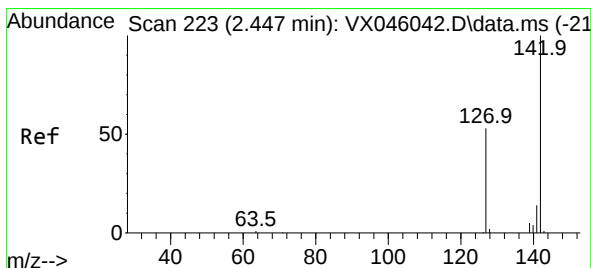
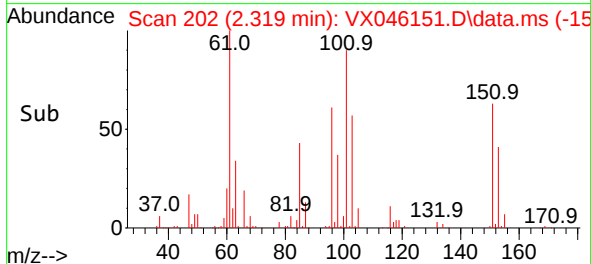
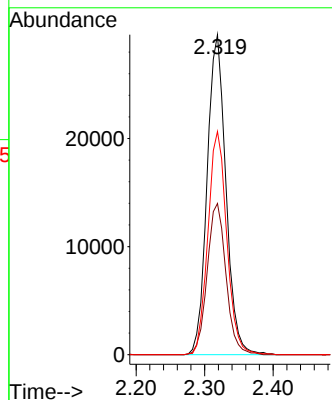
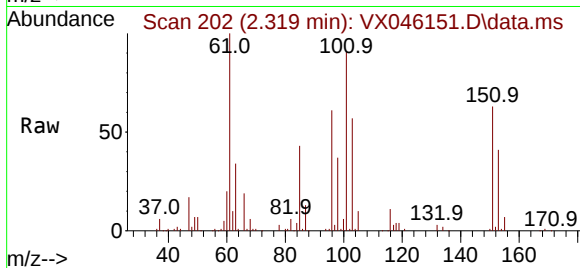




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.920 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

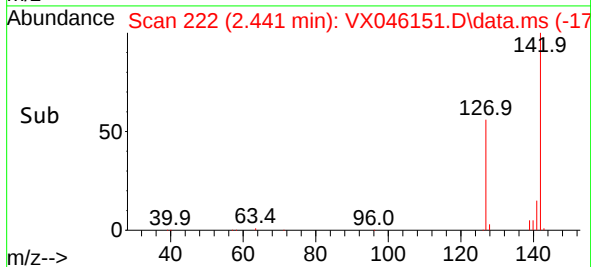
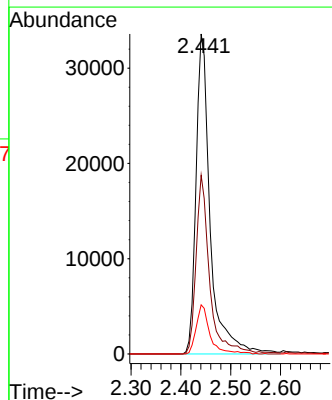
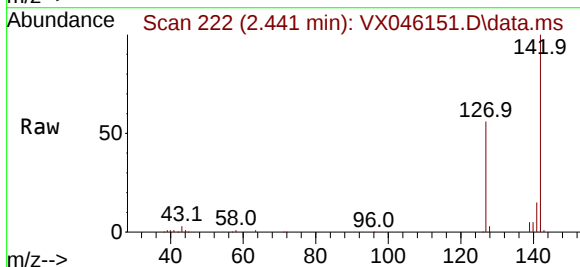
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Tgt Ion:101 Resp: 56460
Ion Ratio Lower Upper
101 100
85 47.4 38.6 58.0
151 70.1 55.2 82.8



#10
Methyl Iodide
Concen: 52.578 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion:142 Resp: 66376
Ion Ratio Lower Upper
142 100
127 53.6 41.7 62.5
141 14.9 11.5 17.3

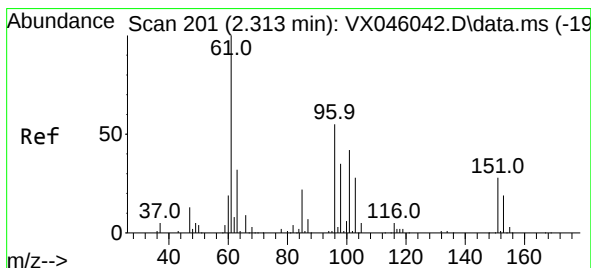
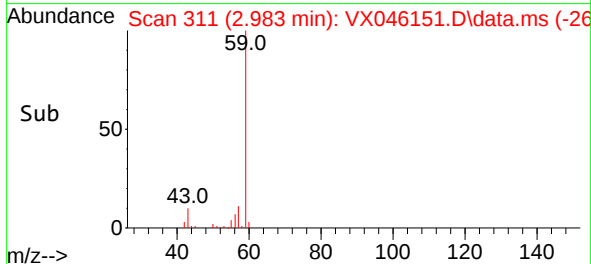
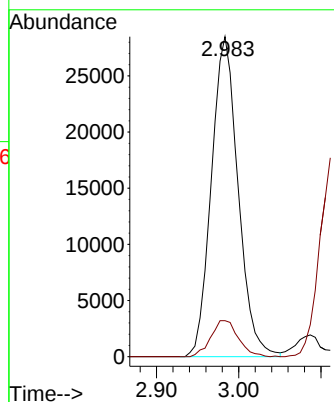
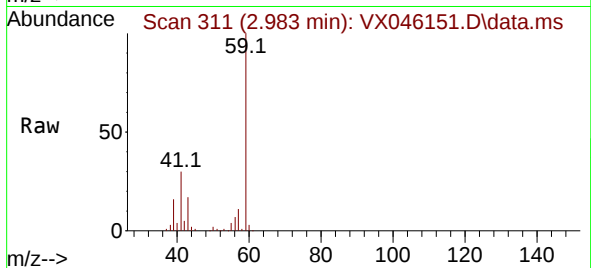




#11
Tert butyl alcohol
Concen: 291.953 ug/l
RT: 2.983 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

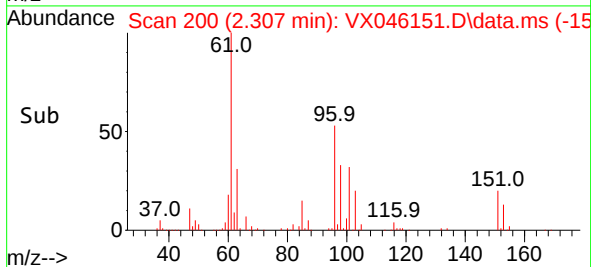
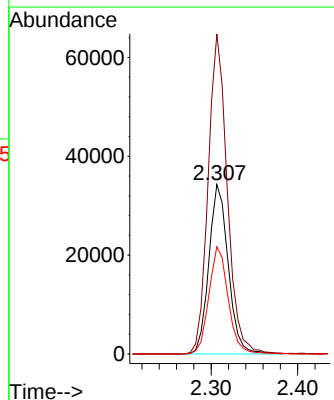
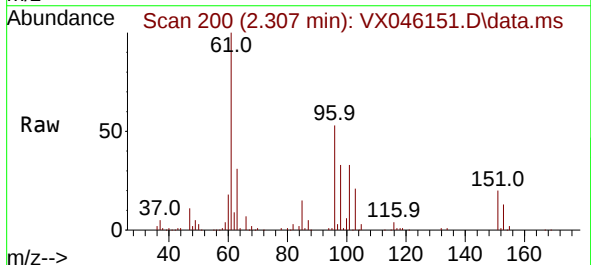
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

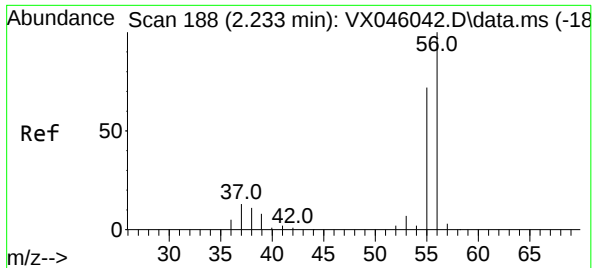
Tgt Ion: 59 Resp: 64518
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 53.228 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 96 Resp: 53298
Ion Ratio Lower Upper
96 100
61 188.9 146.2 219.2
98 63.2 51.0 76.6

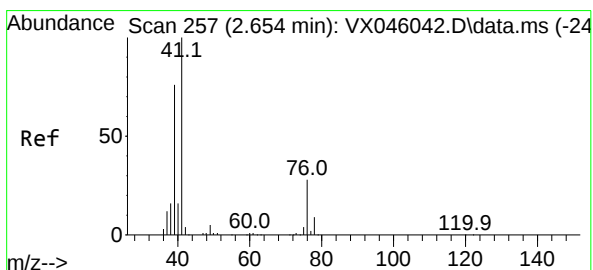
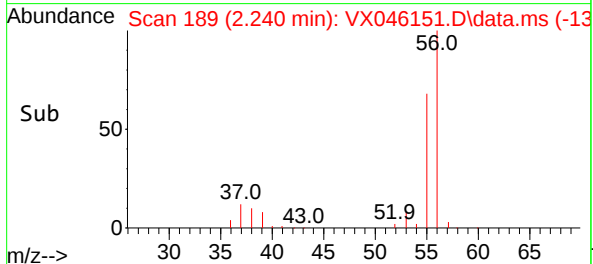
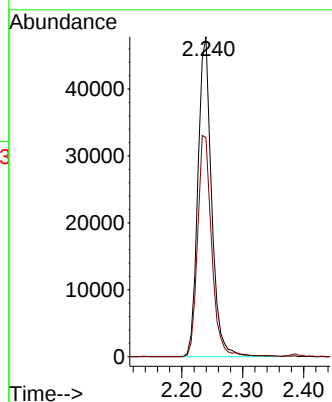
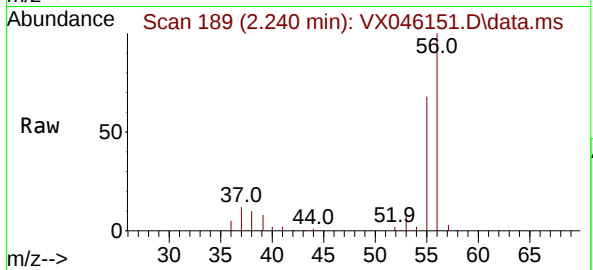




#13
Acrolein
Concen: 296.773 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

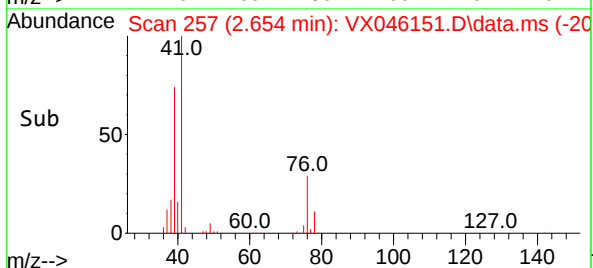
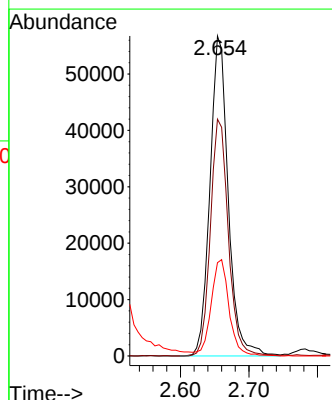
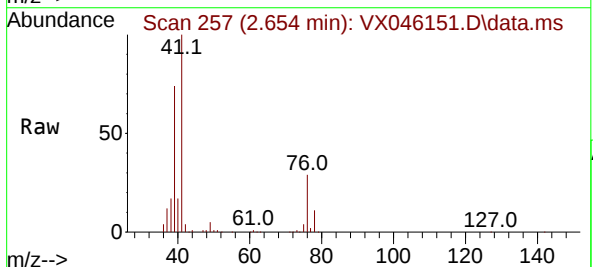
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

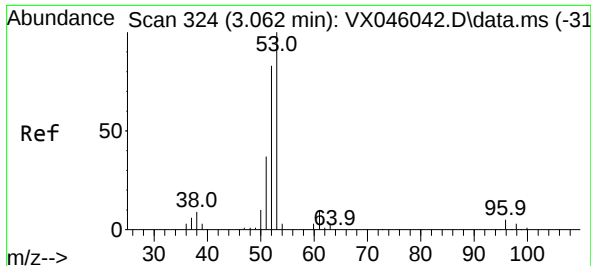
Tgt Ion: 56 Resp: 74689
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.4



#14
Allyl chloride
Concen: 55.009 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 41 Resp: 105269
Ion Ratio Lower Upper
41 100
39 72.5 60.6 90.8
76 29.6 24.9 37.3





#15

Acrylonitrile

Concen: 287.028 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

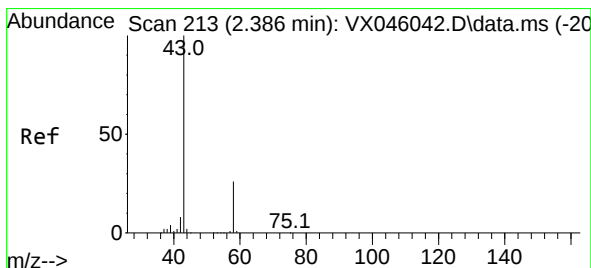
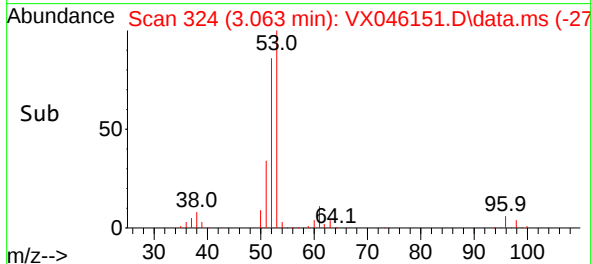
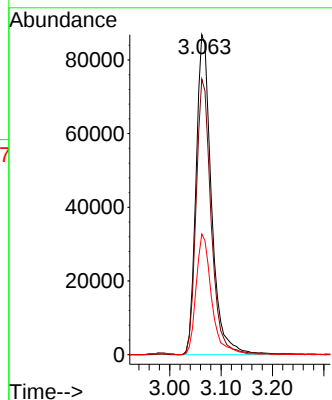
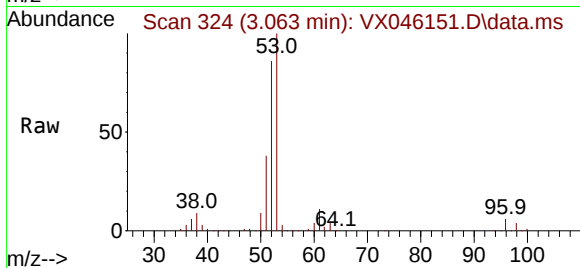
Tgt Ion: 53 Resp: 181373

Ion Ratio Lower Upper

53 100

52 84.1 65.3 97.9

51 38.0 29.8 44.8



#16

Acetone

Concen: 277.654 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX046151.D

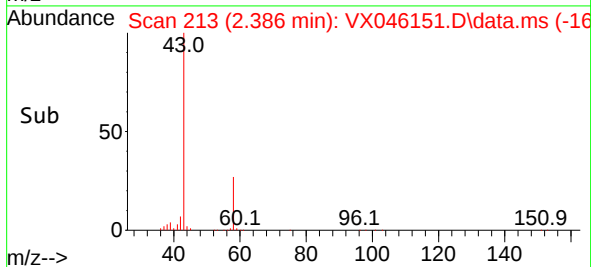
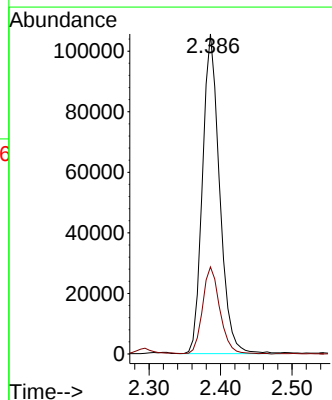
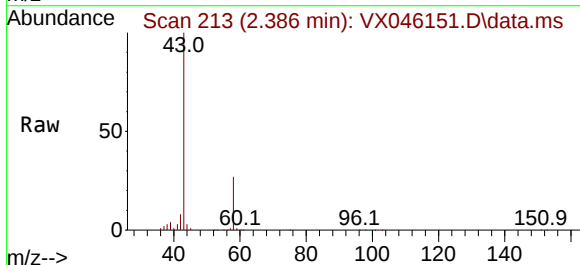
Acq: 12 May 2025 20:13

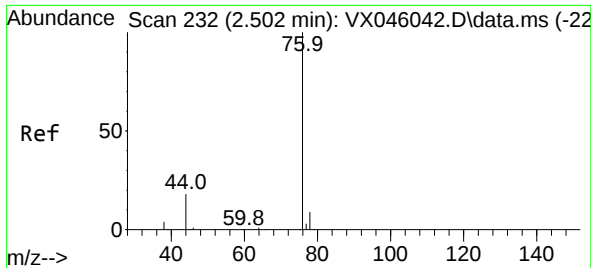
Tgt Ion: 43 Resp: 175264

Ion Ratio Lower Upper

43 100

58 27.2 21.2 31.8

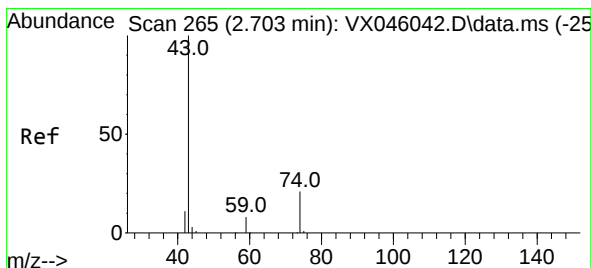
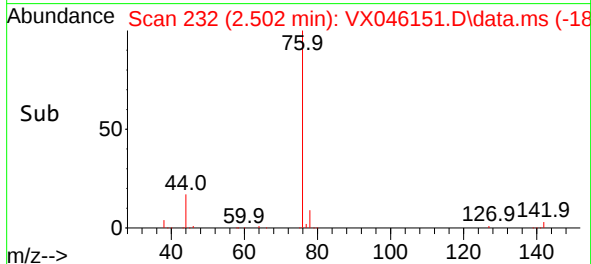
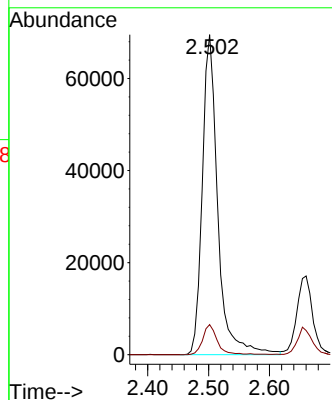
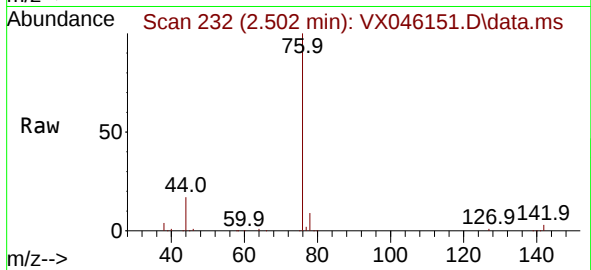




#17
Carbon Disulfide
Concen: 51.648 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

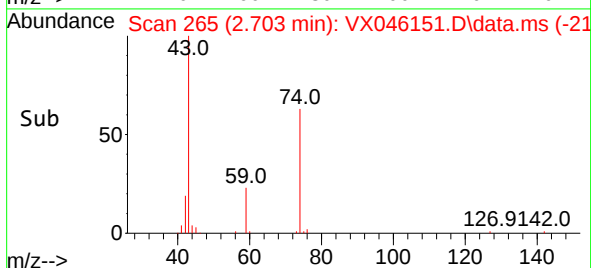
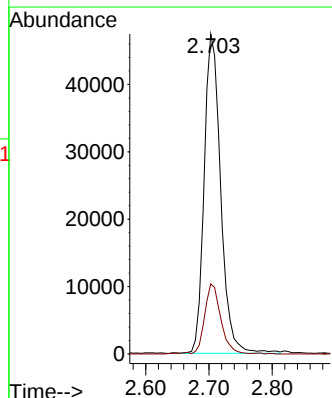
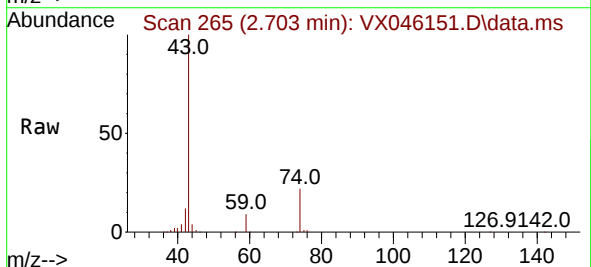
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 122607
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 58.914 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 43 Resp: 86297
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

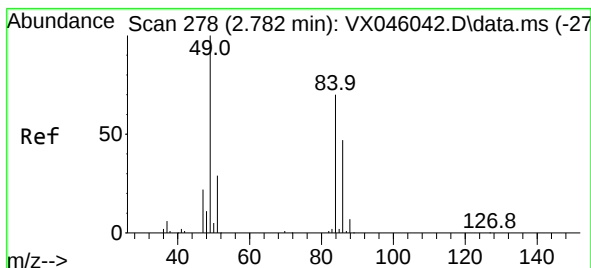
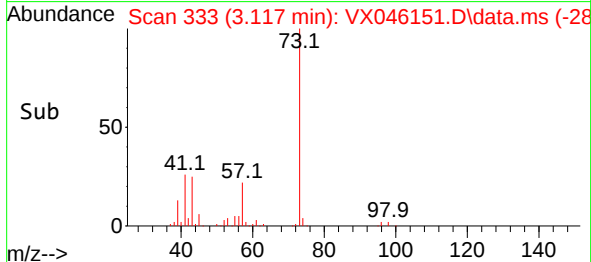
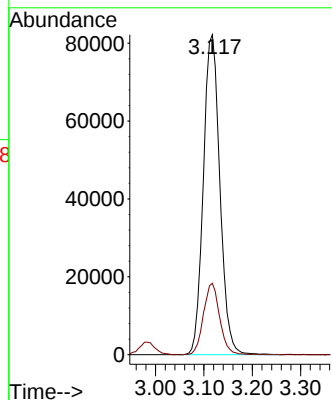
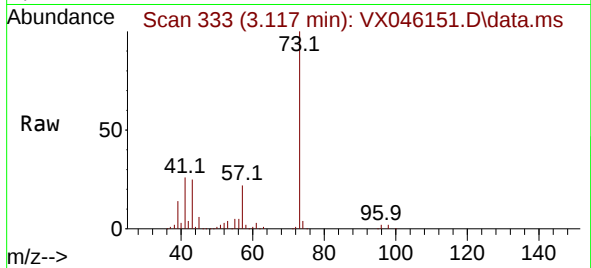




#19
Methyl tert-butyl Ether
Concen: 55.614 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

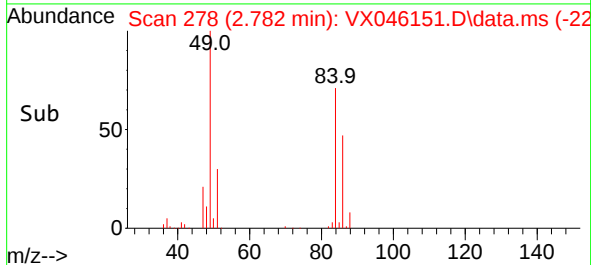
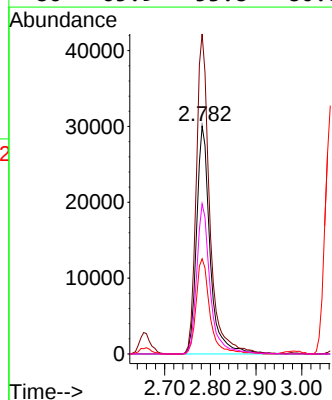
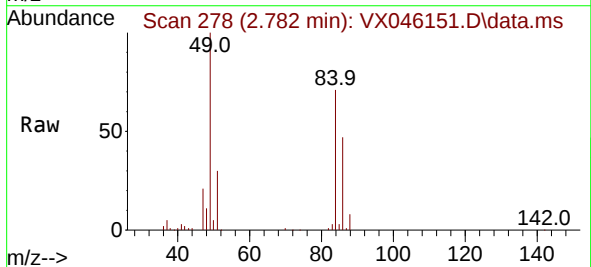
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 195233
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 50.913 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 84 Resp: 61586
Ion Ratio Lower Upper
84 100
49 140.5 113.9 170.9
51 41.8 33.5 50.3
86 65.9 53.8 80.8

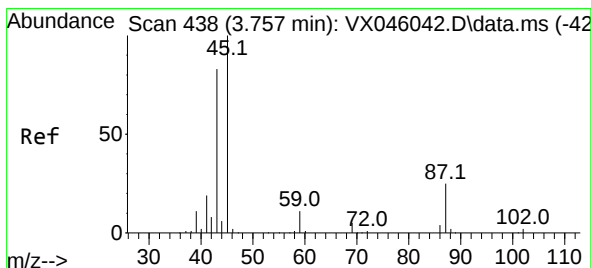
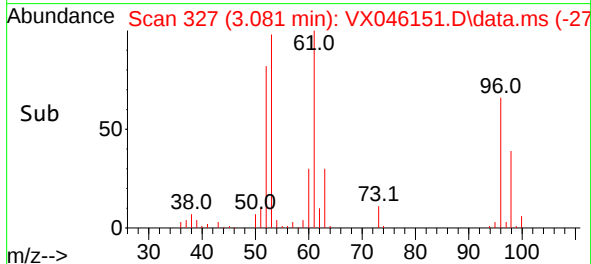
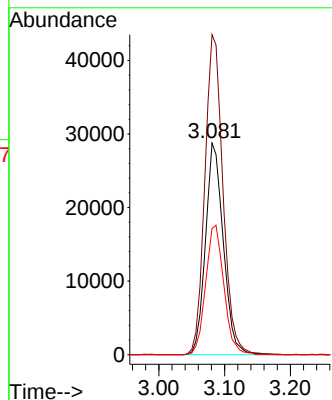
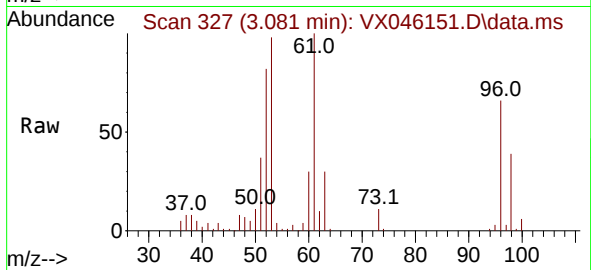




#21
trans-1,2-Dichloroethene
Concen: 53.965 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

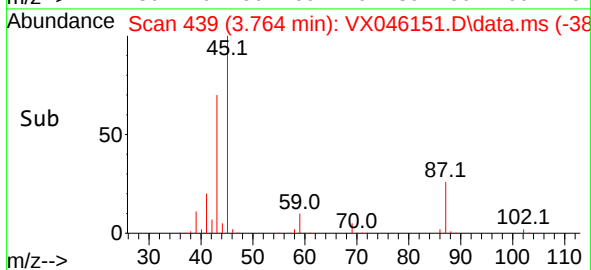
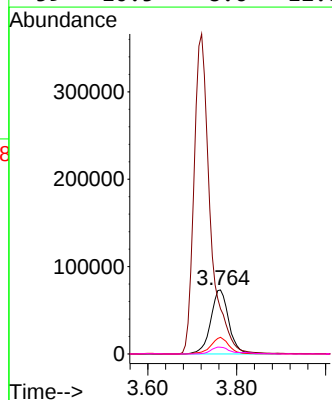
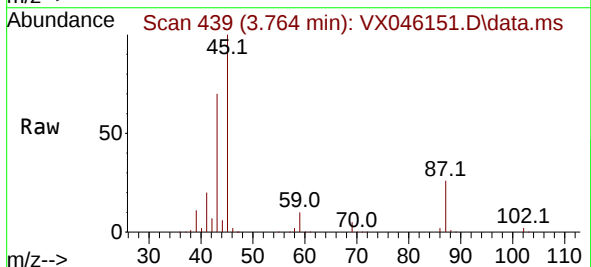
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

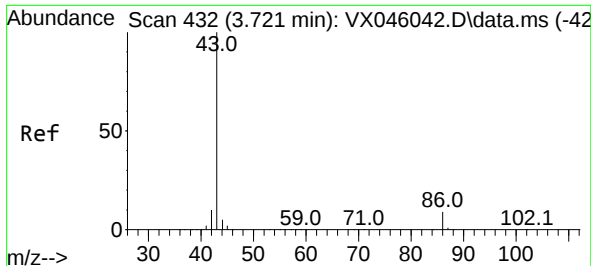
Tgt Ion: 96 Resp: 54341
Ion Ratio Lower Upper
96 100
61 151.3 119.5 179.3
98 59.7 50.0 75.0



#22
Diisopropyl ether
Concen: 56.220 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 45 Resp: 207822
Ion Ratio Lower Upper
45 100
43 70.0 66.6 100.0
87 25.9 19.8 29.6
59 10.5 8.6 12.8

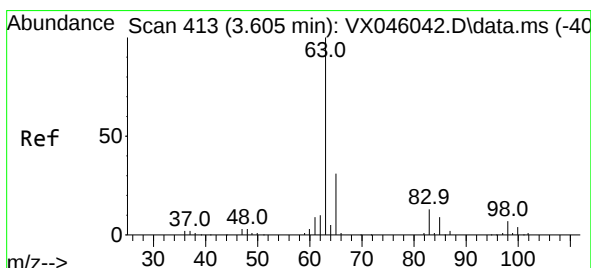
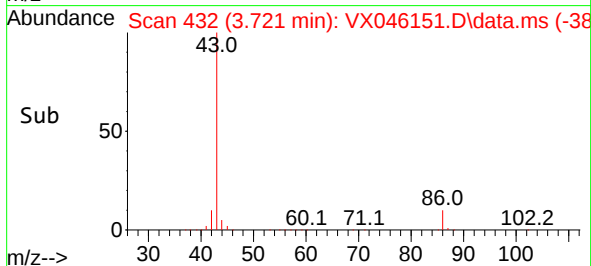
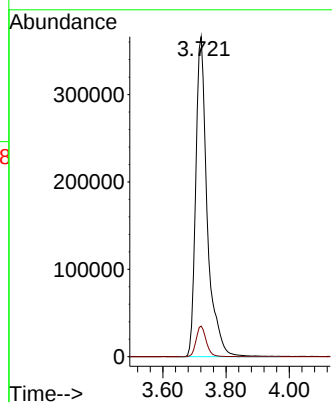
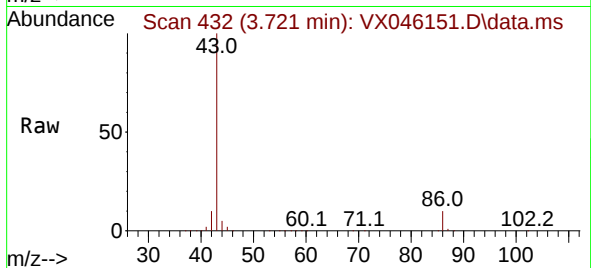




#23
 Vinyl Acetate
 Concen: 285.573 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

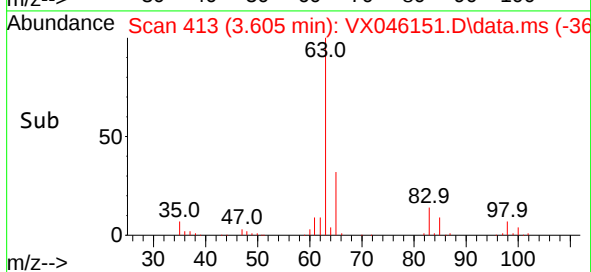
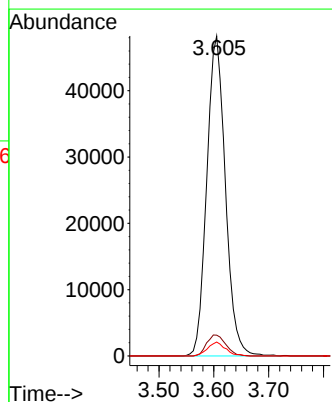
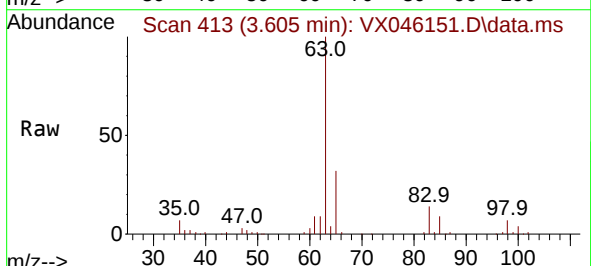
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

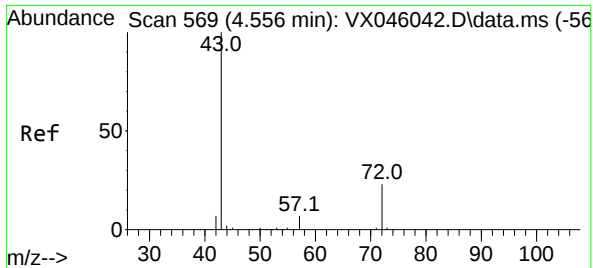
Tgt Ion: 43 Resp: 928468
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.149 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

Tgt Ion: 63 Resp: 113546
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.3 2.1 6.3

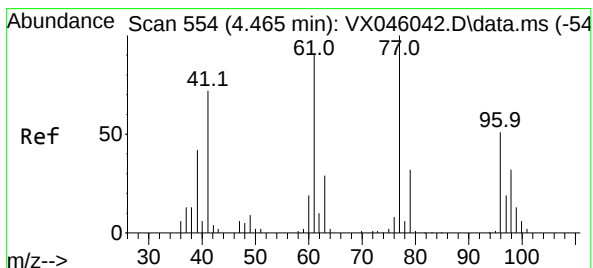
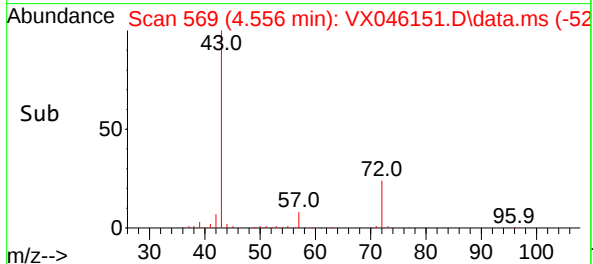
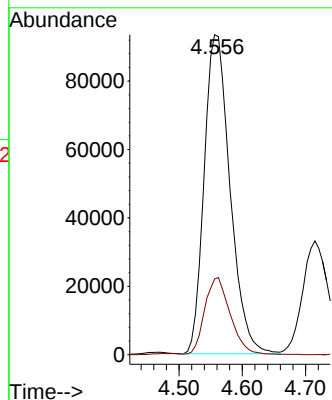
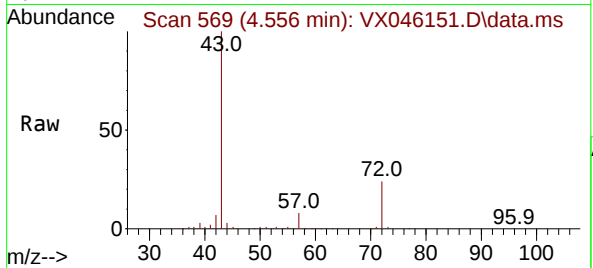




#25
2-Butanone
Concen: 289.753 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

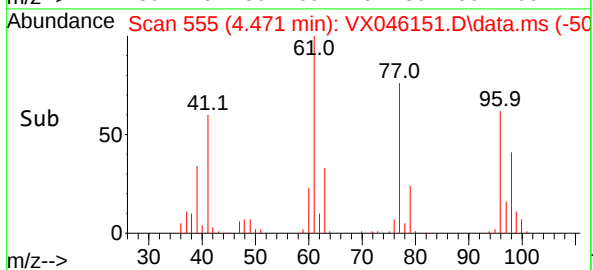
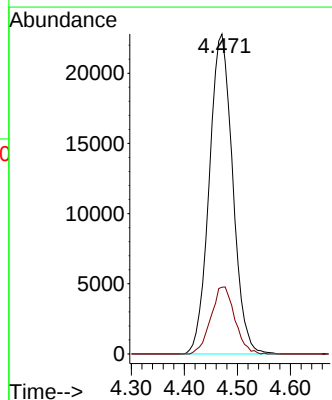
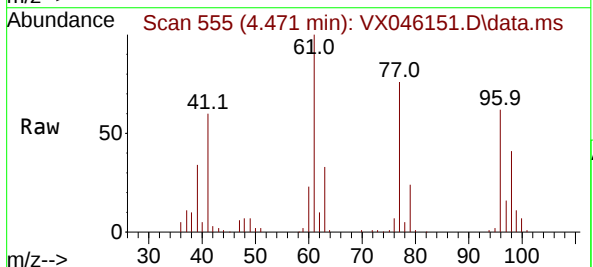
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 265533
Ion Ratio Lower Upper
43 100
72 23.6 18.4 27.6



#26
2,2-Dichloropropane
Concen: 43.336 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 77 Resp: 69836
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5

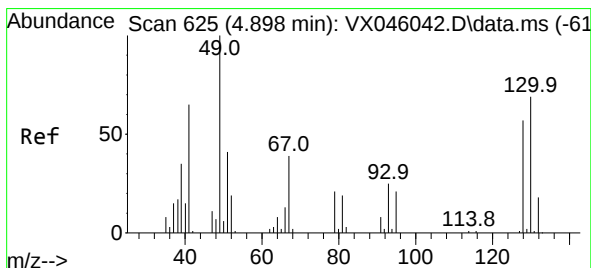
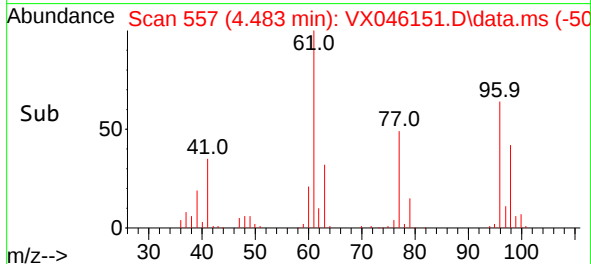
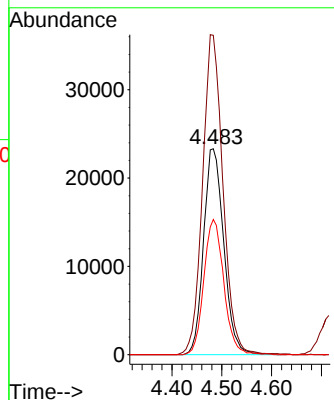
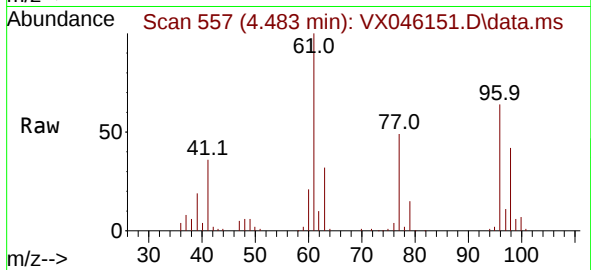




#27
 cis-1,2-Dichloroethene
 Concen: 54.115 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

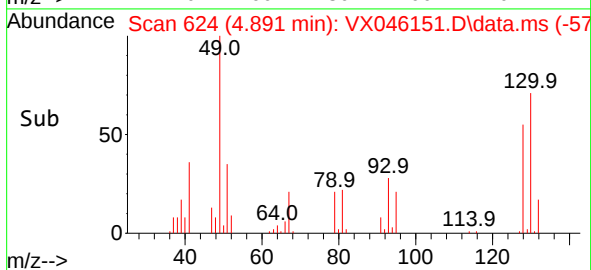
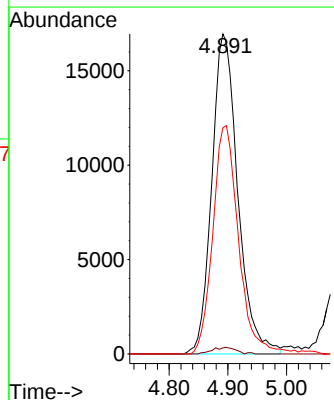
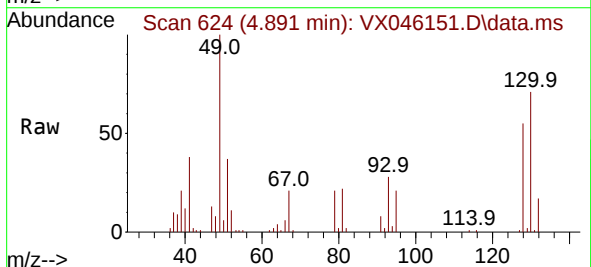
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

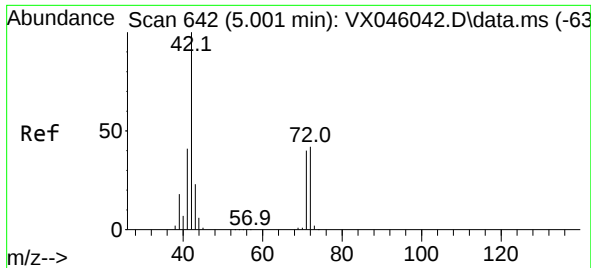
Tgt Ion: 96 Resp: 65600
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 322.8
 98 64.8 0.0 129.0



#28
 Bromochloromethane
 Concen: 52.681 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

Tgt Ion: 49 Resp: 52209
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 70.4 56.2 84.2

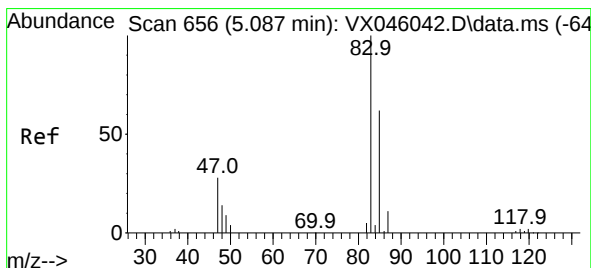
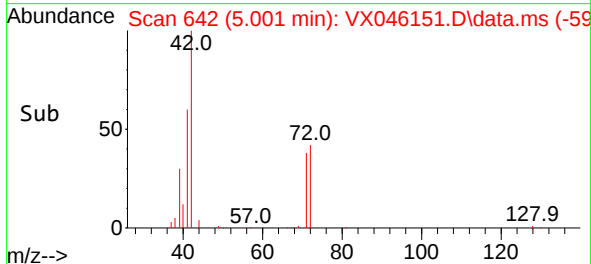
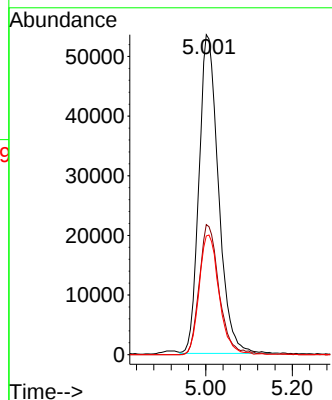
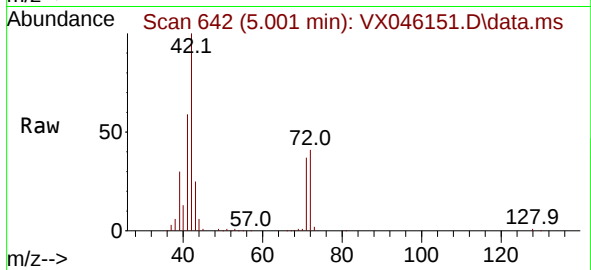




#29
Tetrahydrofuran
Concen: 290.868 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

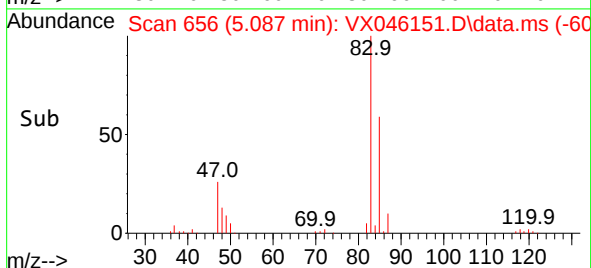
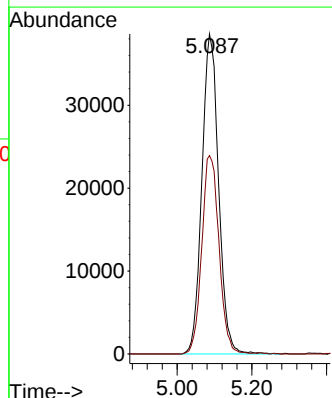
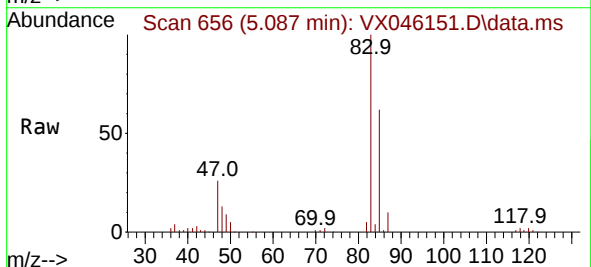
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

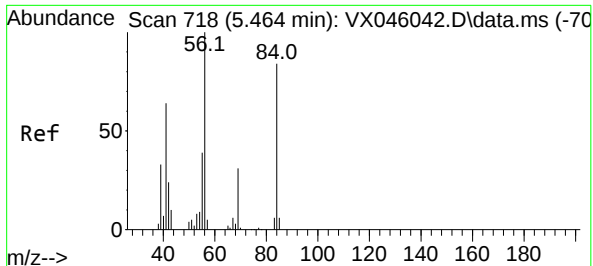
Tgt Ion: 42 Resp: 167030
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 38.2 31.4 47.2



#30
Chloroform
Concen: 55.732 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 83 Resp: 119601
Ion Ratio Lower Upper
83 100
85 62.0 49.3 73.9

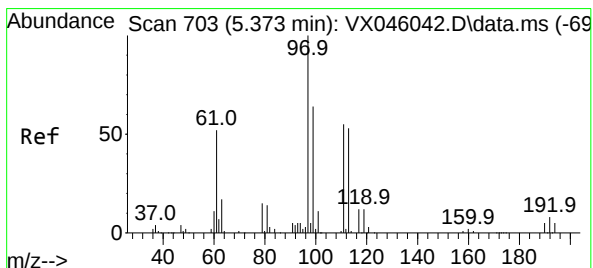
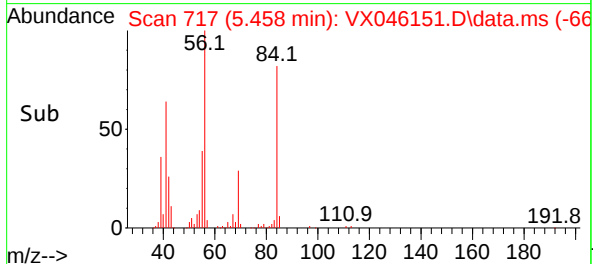
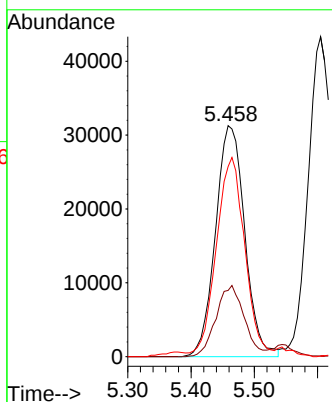
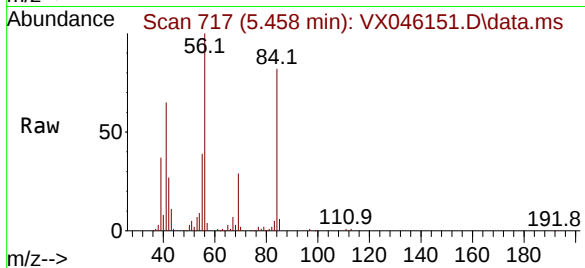




#31
Cyclohexane
Concen: 53.486 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

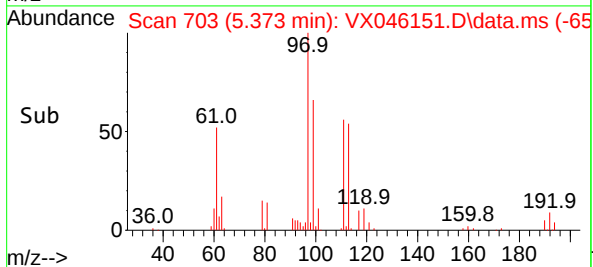
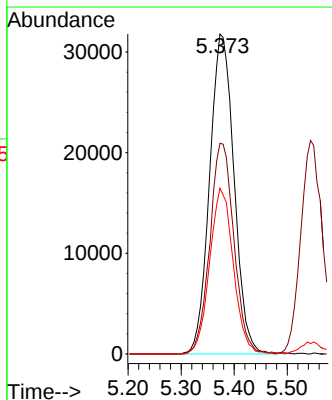
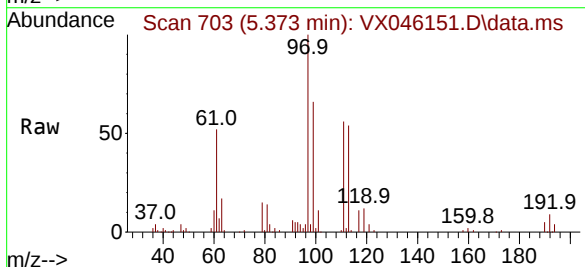
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

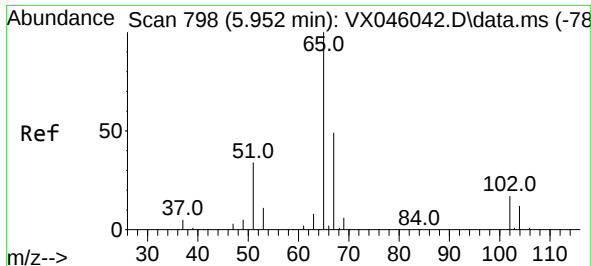
Tgt Ion: 56 Resp: 100349
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 80.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 54.665 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 97 Resp: 101692
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 50.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 53.091 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

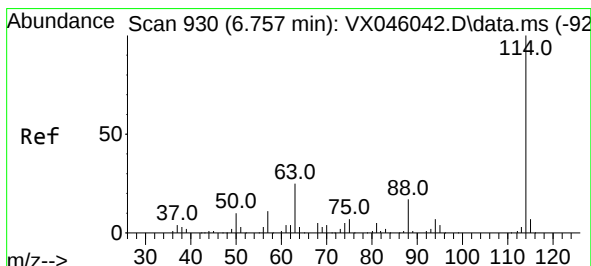
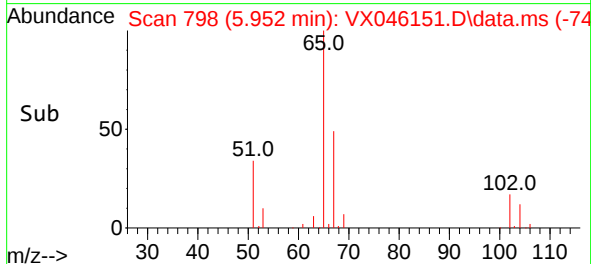
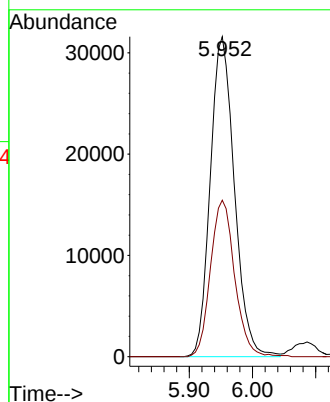
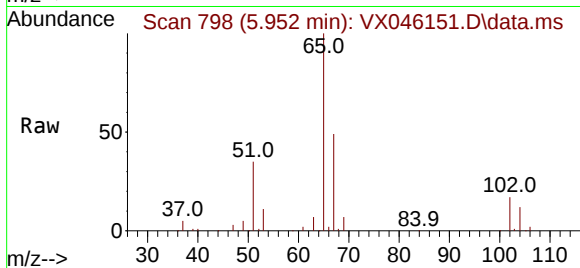
VSTDCCC050EC

Tgt Ion: 65 Resp: 83583

Ion Ratio Lower Upper

65 100

67 49.1 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: VX046151.D

Acq: 12 May 2025 20:13

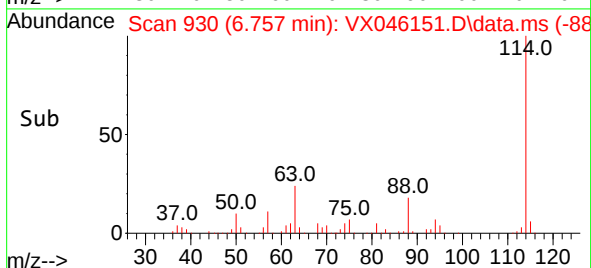
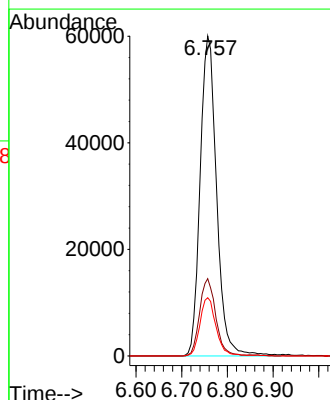
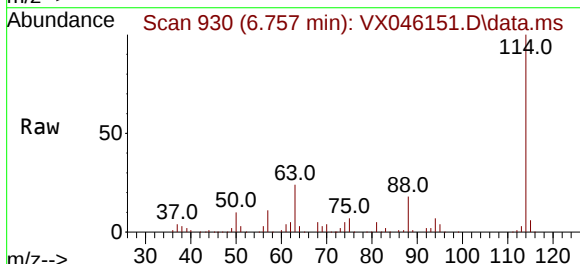
Tgt Ion: 114 Resp: 150105

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 18.2 0.0 33.6

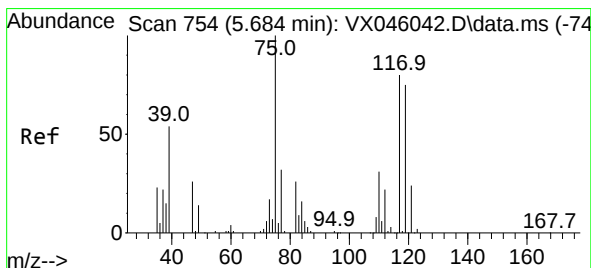
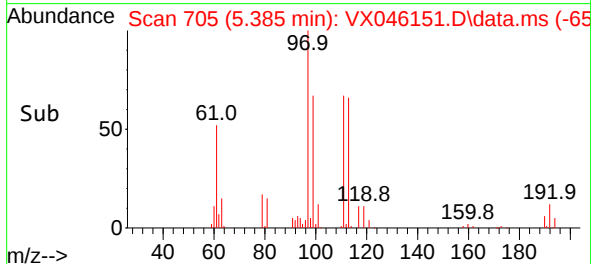
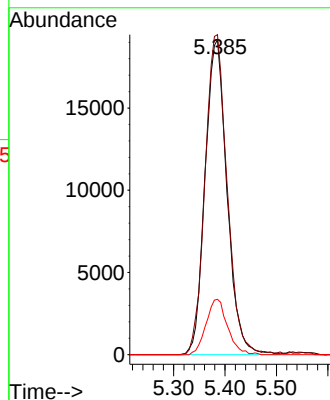
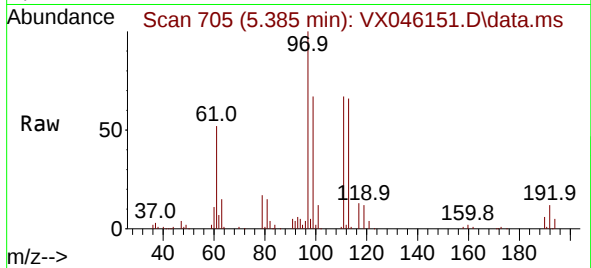




#35
Dibromofluoromethane
Concen: 52.457 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

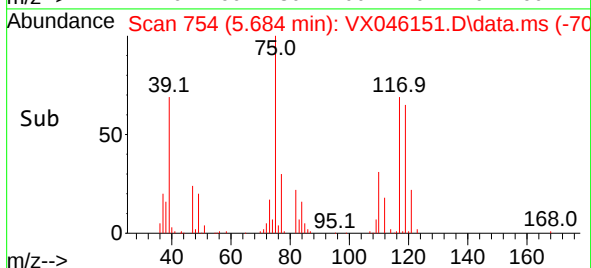
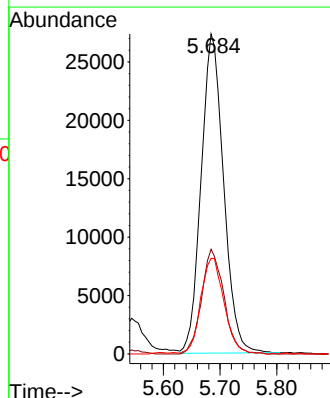
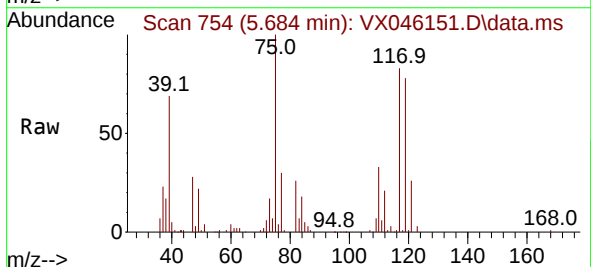
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

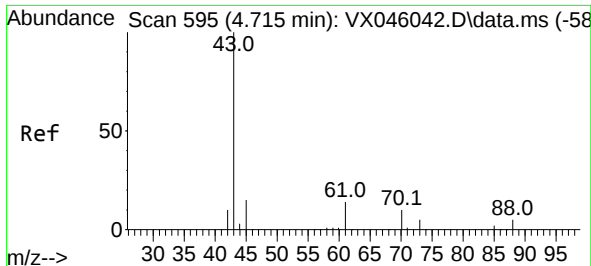
Tgt Ion:113 Resp: 56701
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.761 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 75 Resp: 75174
Ion Ratio Lower Upper
75 100
110 32.6 16.3 48.9
77 31.1 24.3 36.5

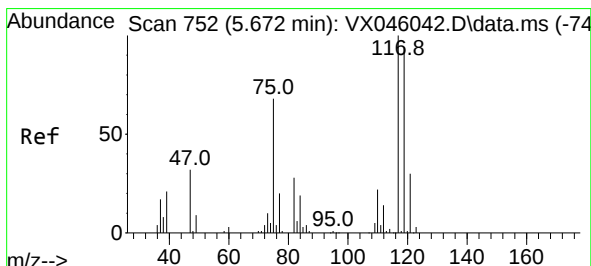
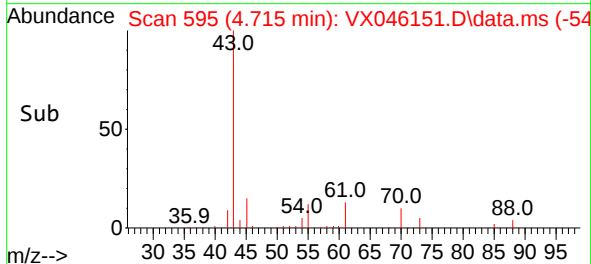
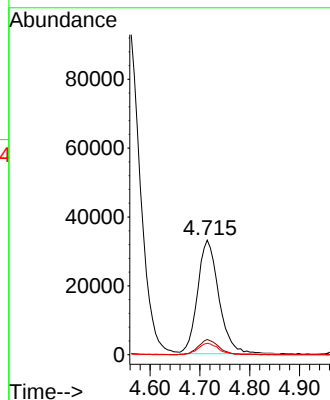
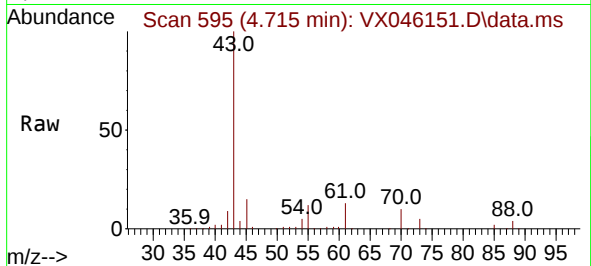




#37
Ethyl Acetate
Concen: 54.412 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

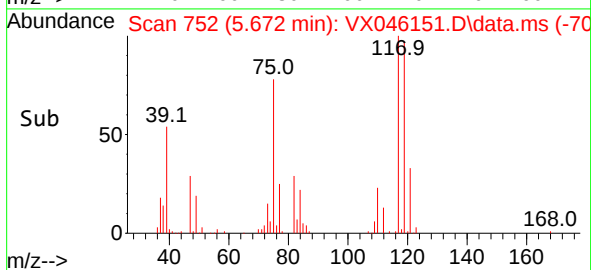
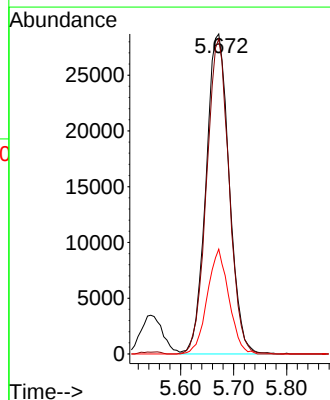
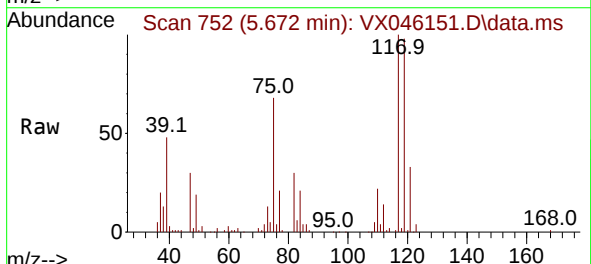
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

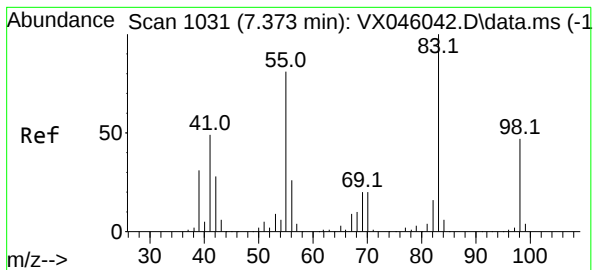
Tgt Ion: 43 Resp: 97634
Ion Ratio Lower Upper
43 100
61 13.1 10.3 15.5
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.434 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 117 Resp: 87194
Ion Ratio Lower Upper
117 100
119 98.4 75.2 112.8
121 32.8 24.2 36.4

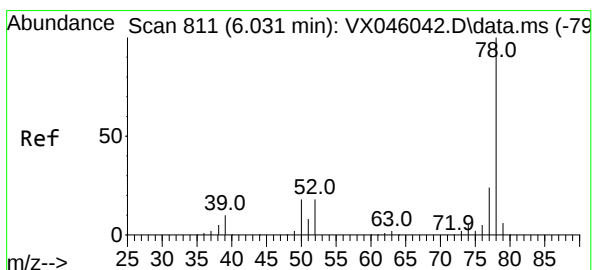
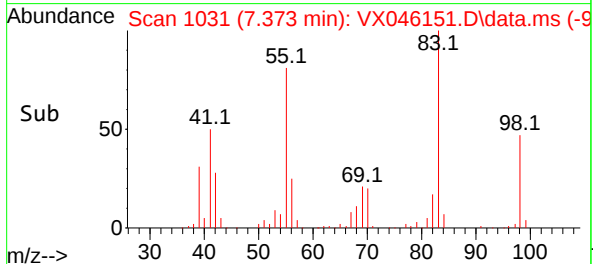
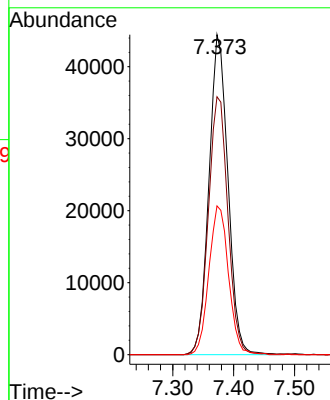
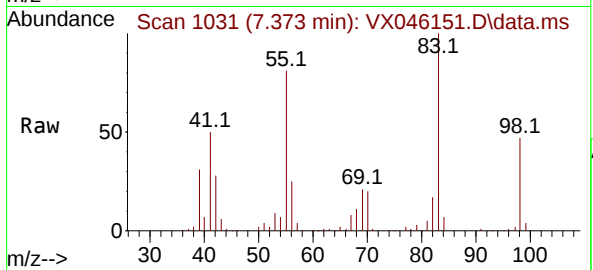




#39
Methylcyclohexane
Concen: 51.532 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

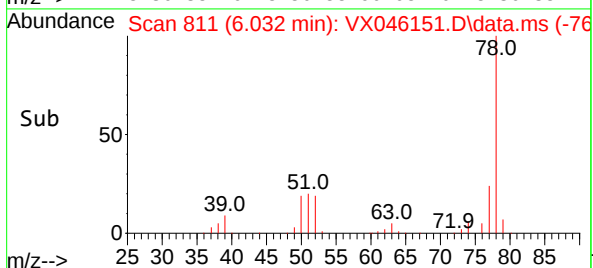
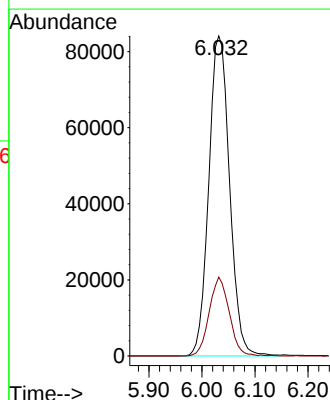
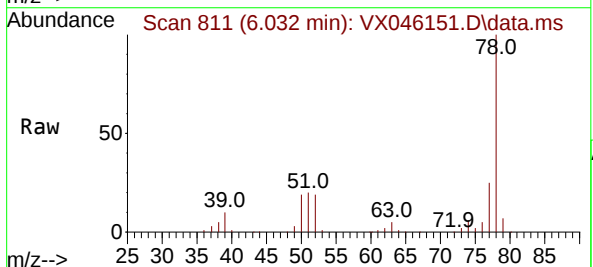
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83	Resp: 96352
Ion Ratio	Lower Upper
83 100	
55 80.6	64.7 97.1
98 46.5	37.4 56.2



#40
Benzene
Concen: 53.906 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 78	Resp: 229313
Ion Ratio	Lower Upper
78 100	
77 24.6	19.0 28.4



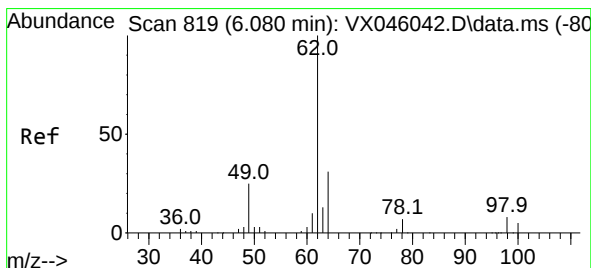
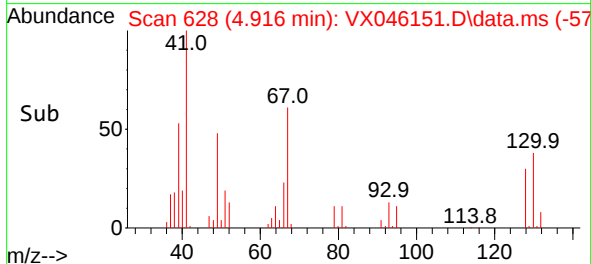
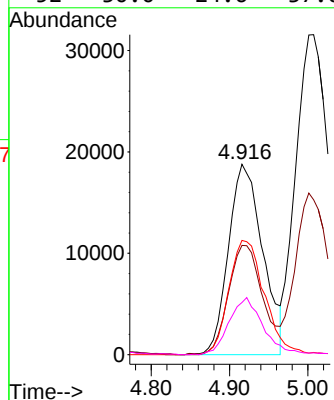
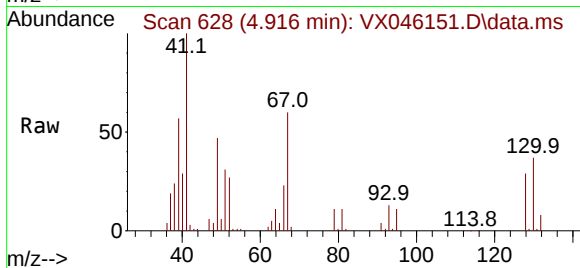


#41
Methacrylonitrile
Concen: 60.991 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 57249

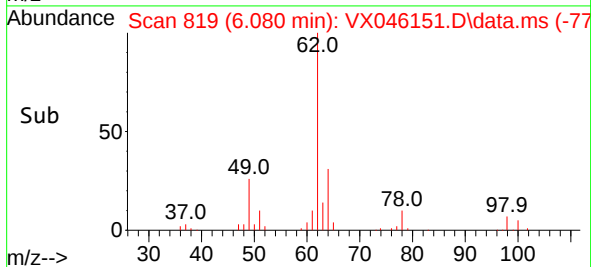
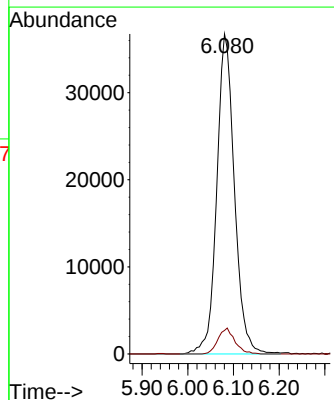
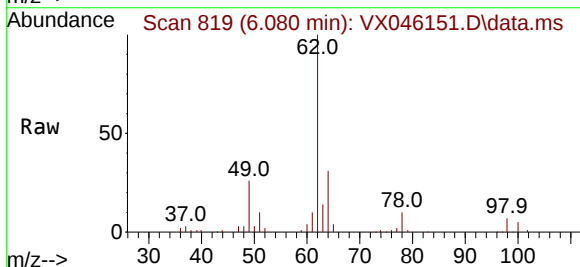
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.2	70.8
67	62.6	50.7	76.1
52	30.0	24.6	37.0

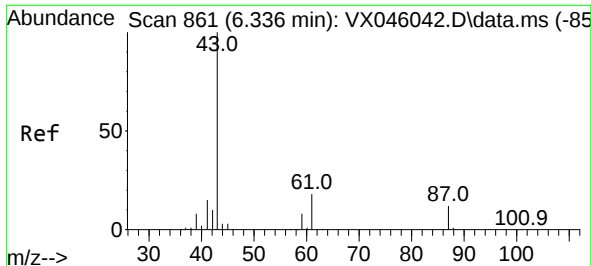


#42
1,2-Dichloroethane
Concen: 53.754 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 62 Resp: 98691

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2

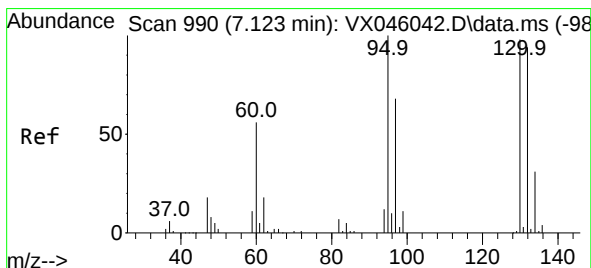
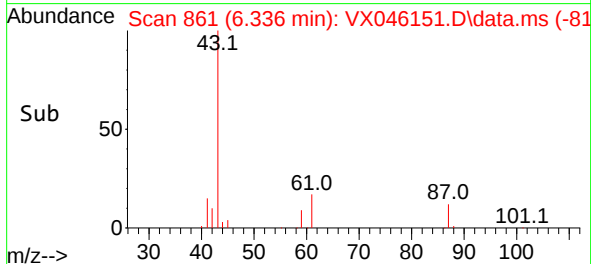
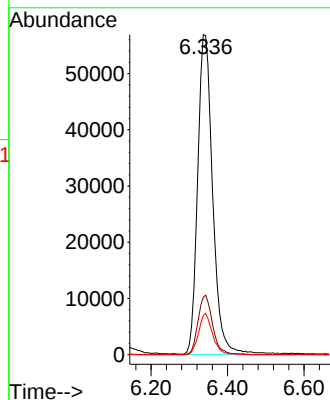
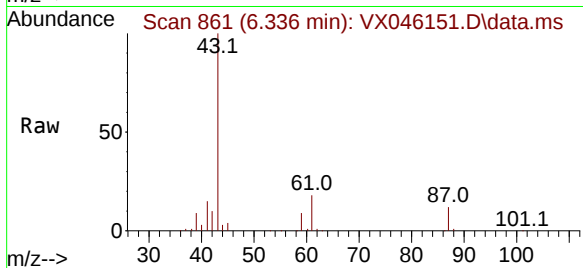




#43
Isopropyl Acetate
Concen: 56.549 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

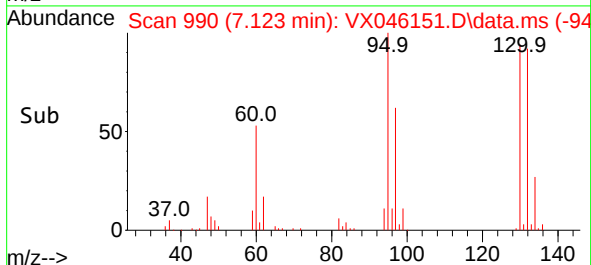
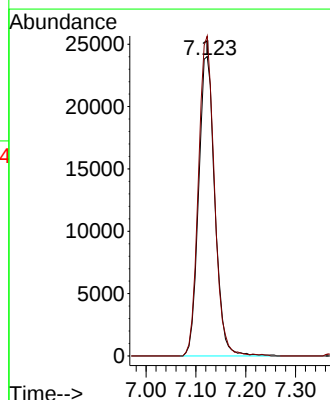
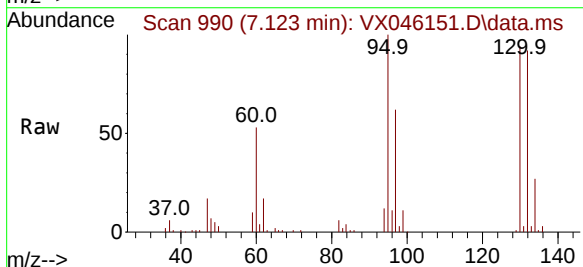
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

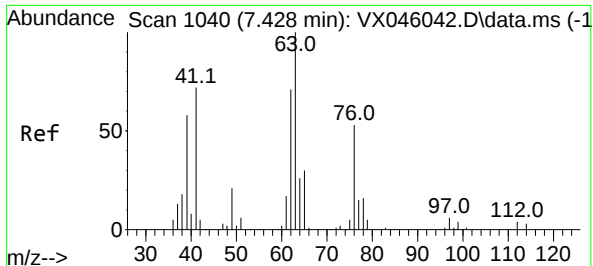
Tgt Ion: 43 Resp: 154796
Ion Ratio Lower Upper
43 100
61 18.0 14.3 21.5
87 11.9 9.5 14.3



#44
Trichloroethene
Concen: 53.088 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 130 Resp: 54354
Ion Ratio Lower Upper
130 100
95 106.8 0.0 204.2





#45

1,2-Dichloropropane

Concen: 55.070 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

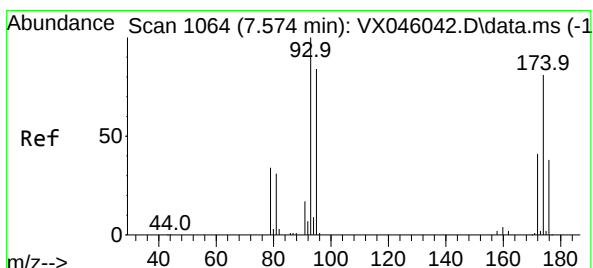
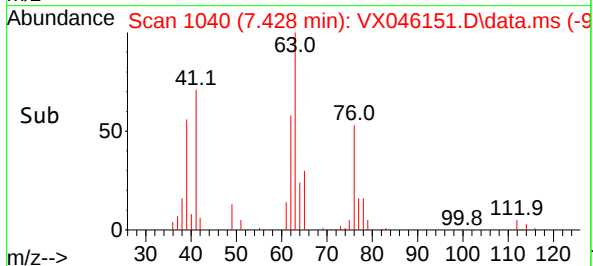
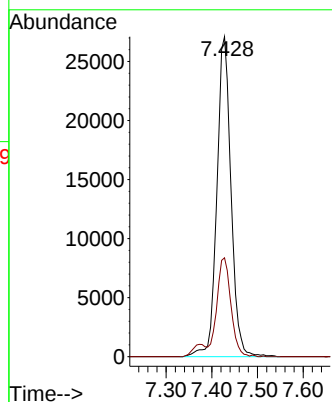
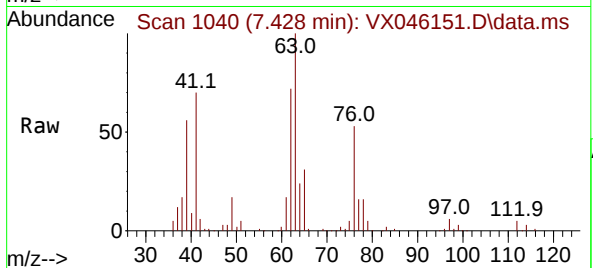
VSTDCCC050EC

Tgt Ion: 63 Resp: 58252

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 53.276 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

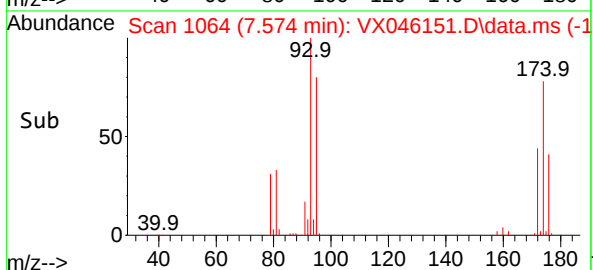
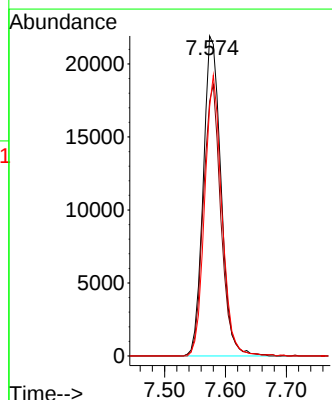
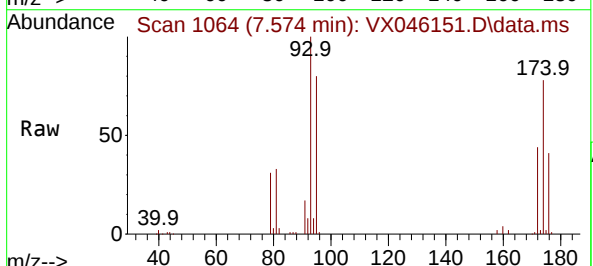
Tgt Ion: 93 Resp: 44447

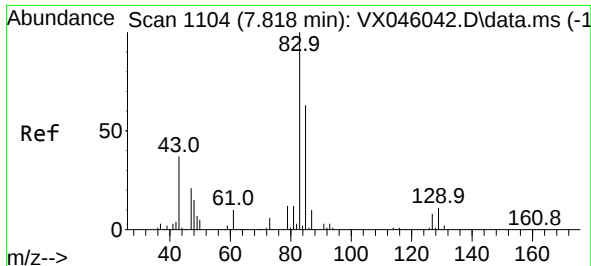
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 84.9 68.2 102.2

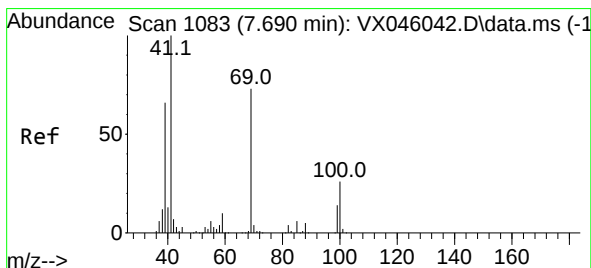
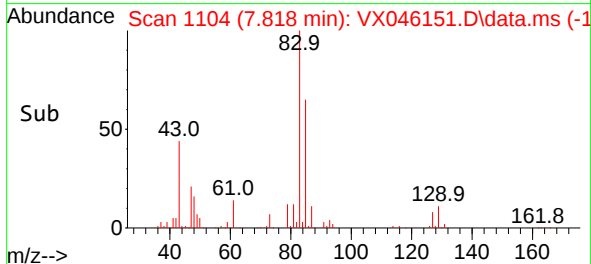
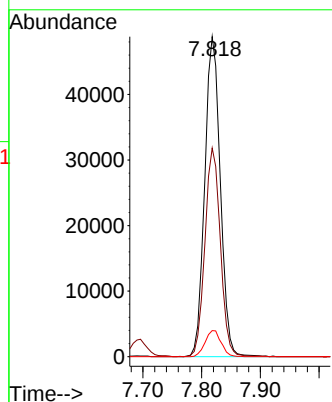
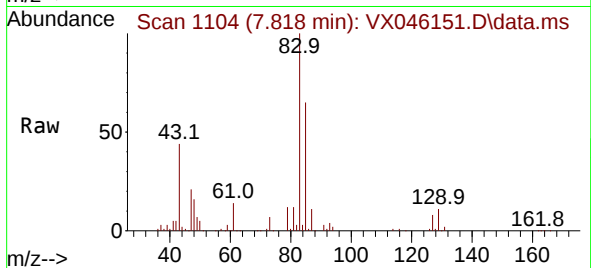




#47
Bromodichloromethane
Concen: 54.699 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

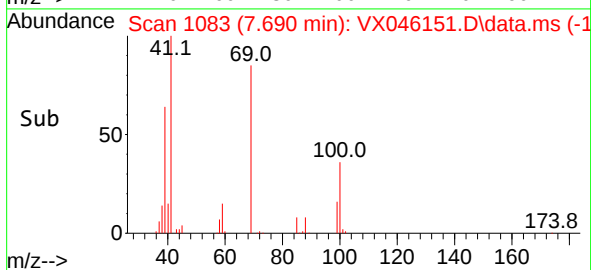
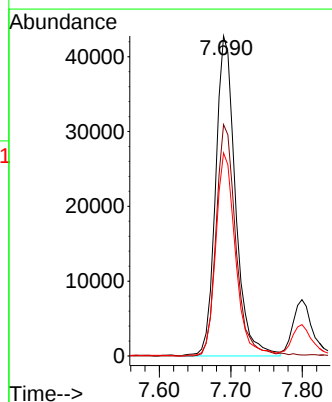
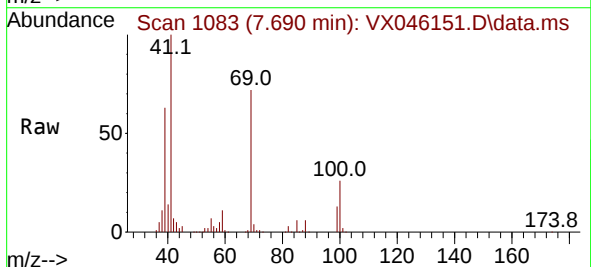
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

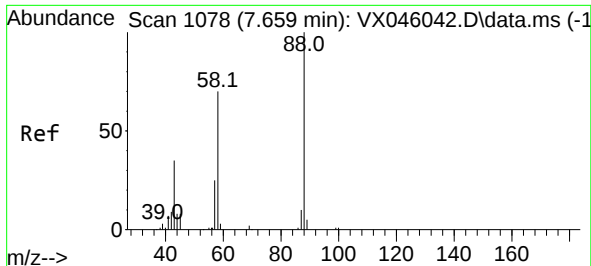
Tgt Ion: 83 Resp: 89879
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 58.997 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 41 Resp: 82478
Ion Ratio Lower Upper
41 100
69 72.0 58.5 87.7
39 63.2 51.7 77.5





#49

1,4-Dioxane

Concen: 1220.720 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

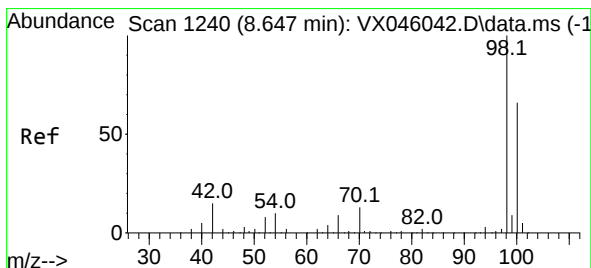
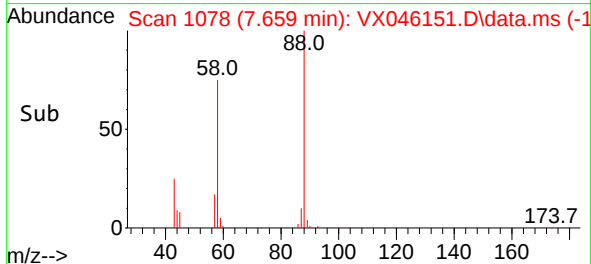
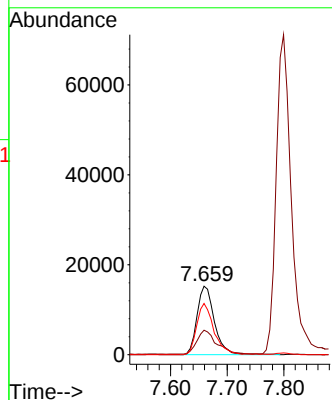
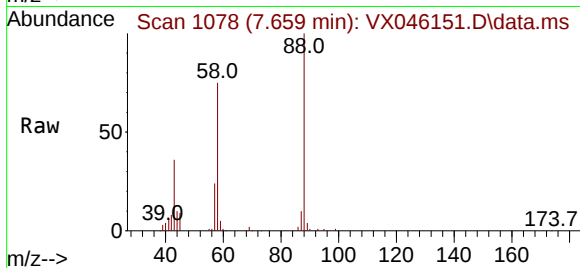
Tgt Ion: 88 Resp: 32403

Ion Ratio Lower Upper

88 100

43 39.2 33.4 50.2

58 73.5 58.6 88.0



#50

Toluene-d8

Concen: 52.203 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046151.D

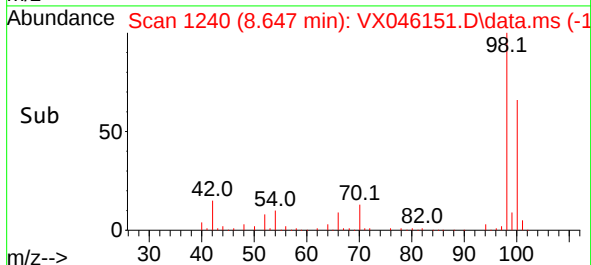
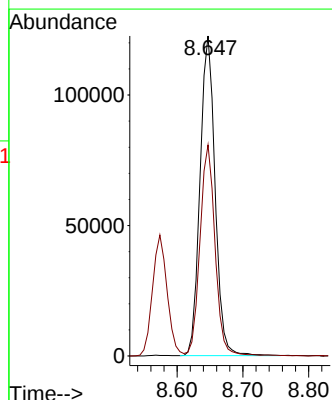
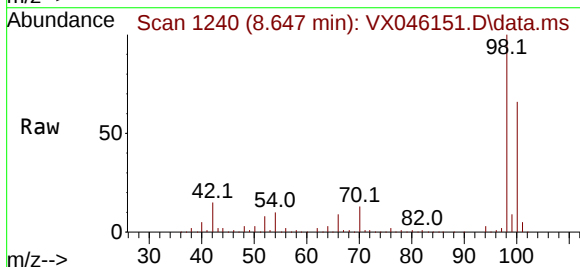
Acq: 12 May 2025 20:13

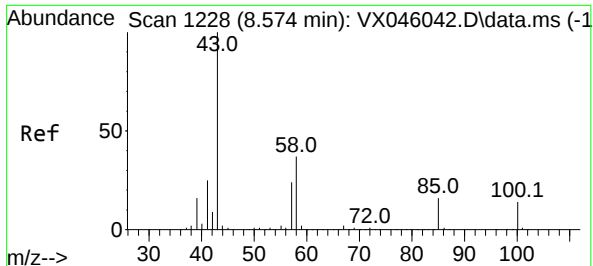
Tgt Ion: 98 Resp: 195302

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3

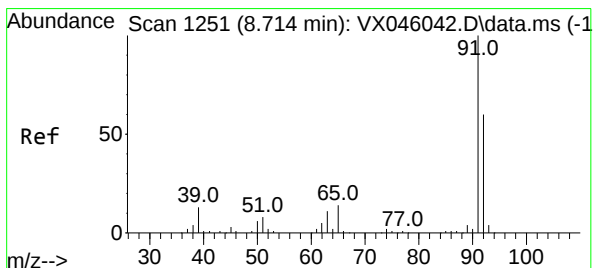
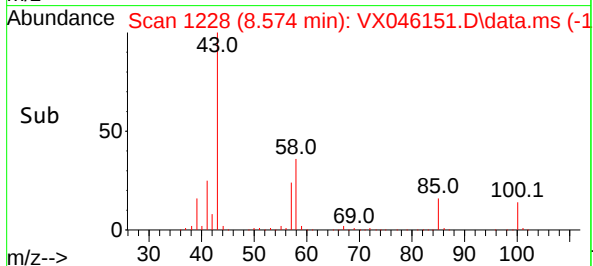
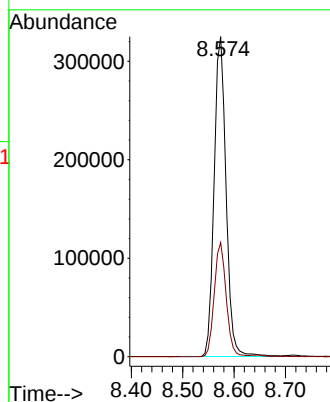
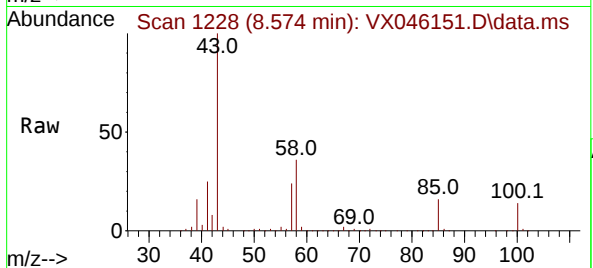




#51
4-Methyl-2-Pentanone
Concen: 289.566 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

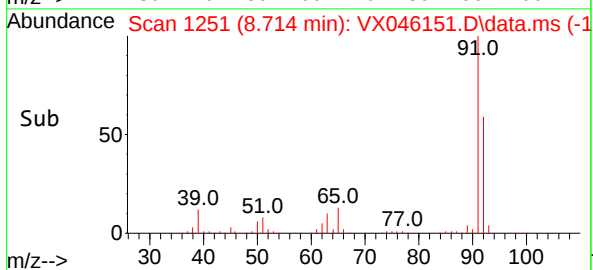
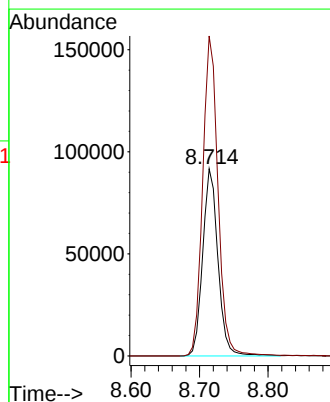
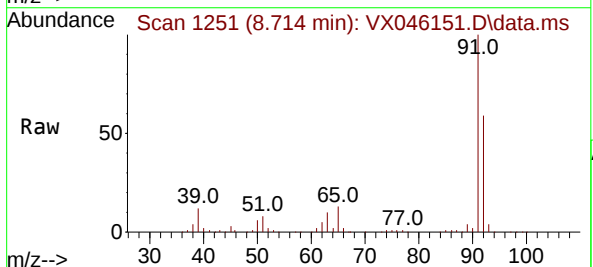
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 526149
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3



#52
Toluene
Concen: 54.558 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 92 Resp: 142312
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.814 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

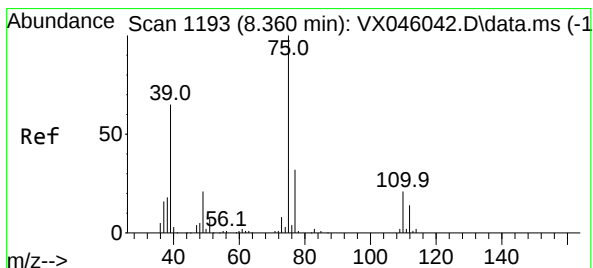
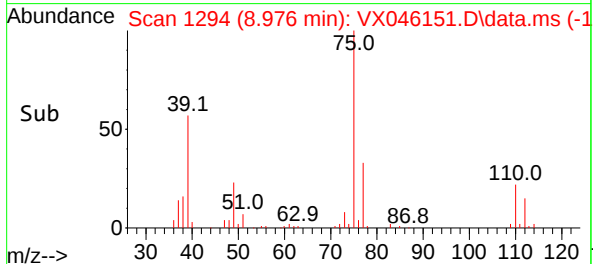
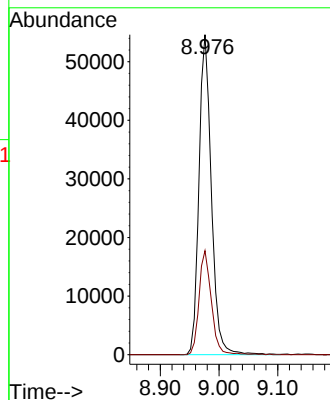
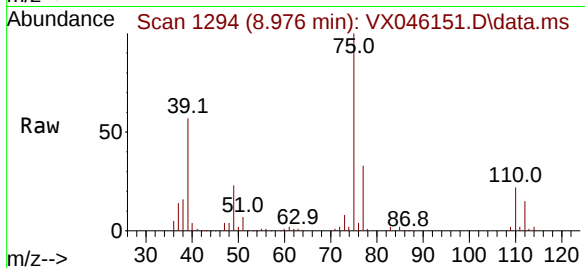
VSTDCCC050EC

Tgt Ion: 75 Resp: 80057

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.251 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

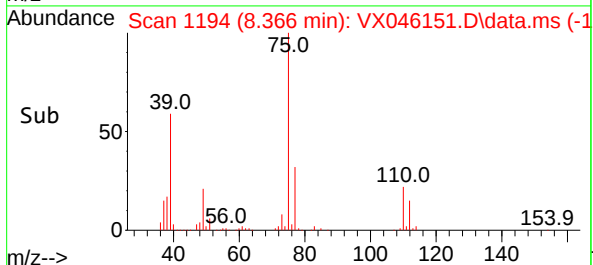
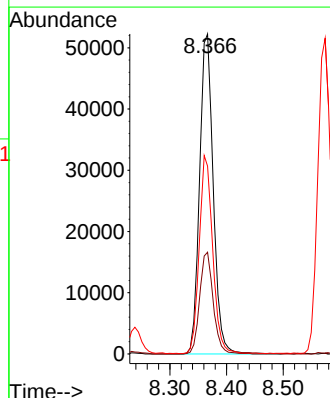
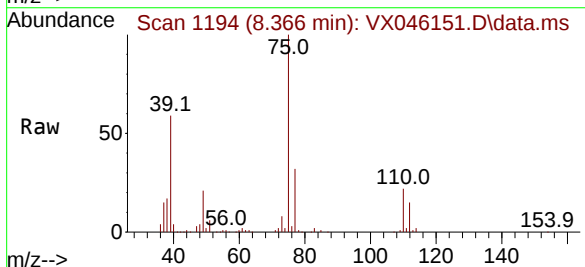
Tgt Ion: 75 Resp: 87575

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 58.6 52.2 78.4

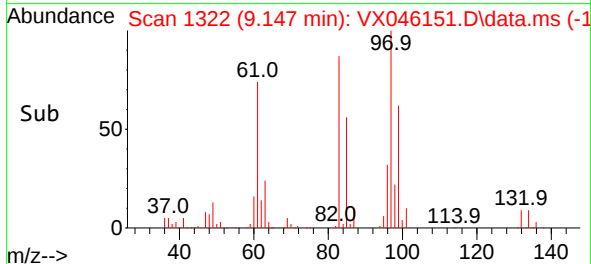
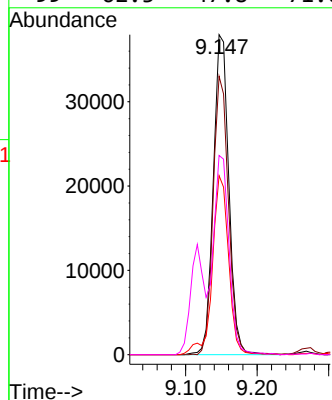
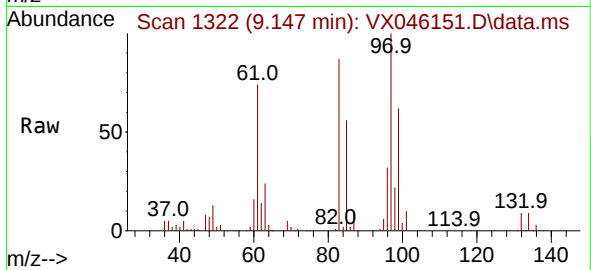




#55
1,1,2-Trichloroethane
Concen: 55.681 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

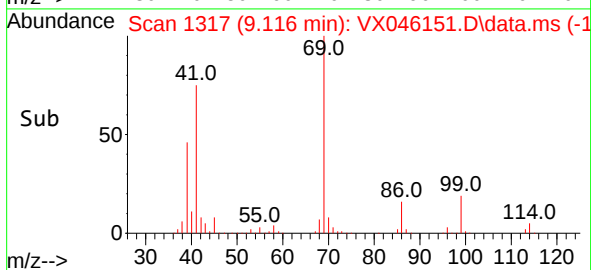
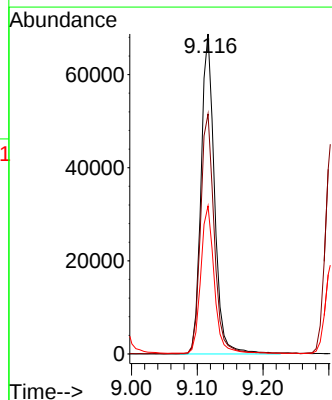
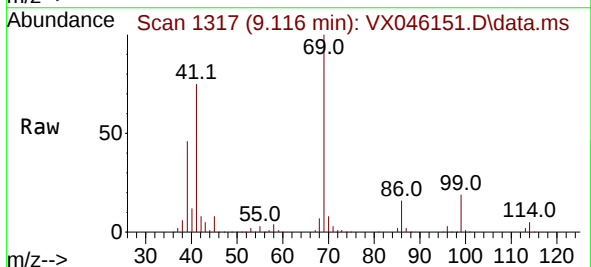
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

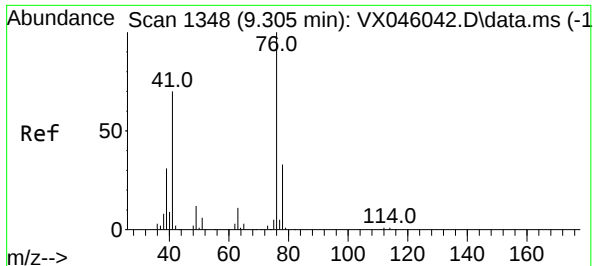
Tgt Ion:	97	Resp:	57270
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	56.0	44.3	66.5
99	62.3	47.8	71.6



#56
Ethyl methacrylate
Concen: 59.497 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion:	69	Resp:	97531
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	46.3	39.0	58.6





#57

1,3-Dichloropropane

Concen: 54.323 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

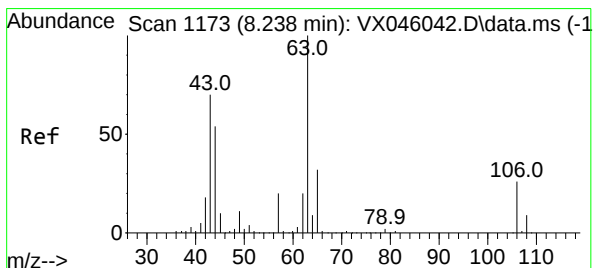
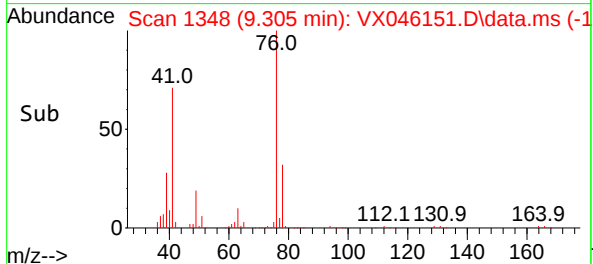
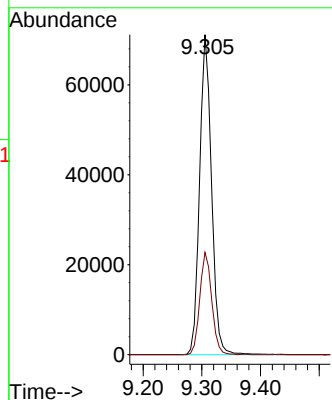
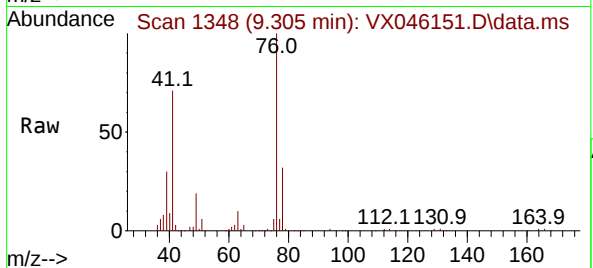
VSTDCCC050EC

Tgt Ion: 76 Resp: 100343

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 285.751 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046151.D

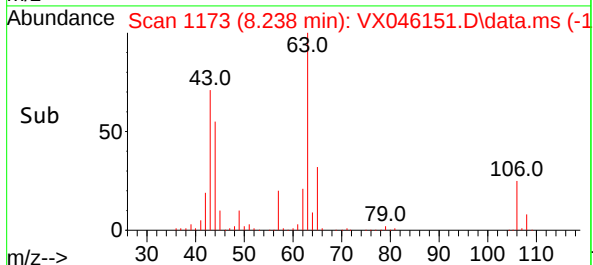
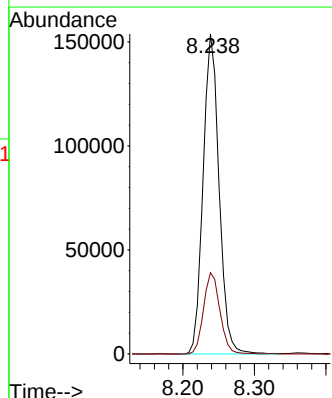
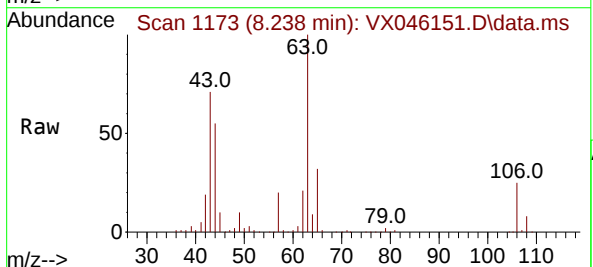
Acq: 12 May 2025 20:13

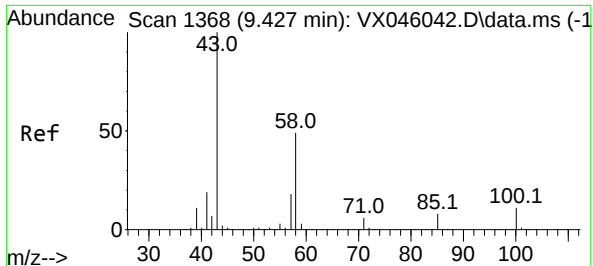
Tgt Ion: 63 Resp: 238807

Ion Ratio Lower Upper

63 100

106 26.0 21.5 32.3





#59

2-Hexanone

Concen: 289.111 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

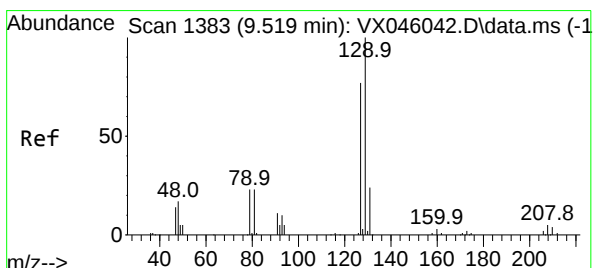
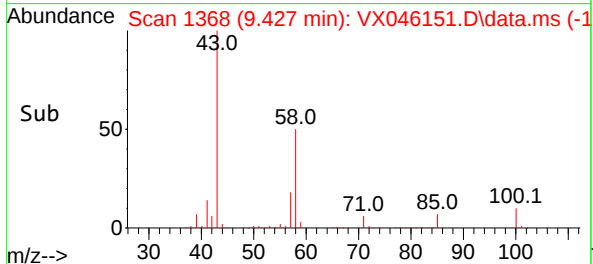
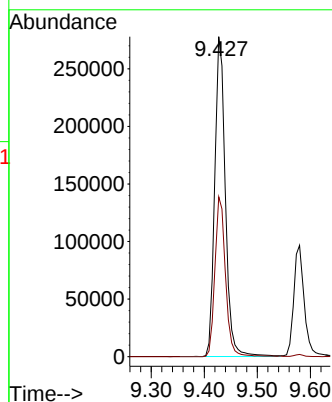
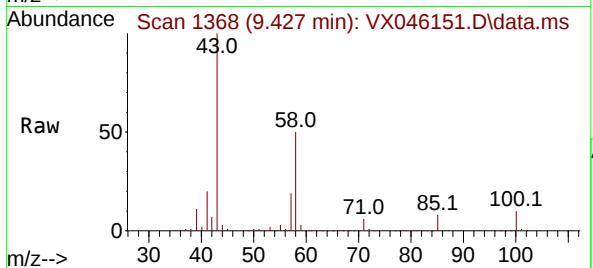
VSTDCCC050EC

Tgt Ion: 43 Resp: 388652

Ion Ratio Lower Upper

43 100

58 49.8 24.9 74.6



#60

Dibromochloromethane

Concen: 57.309 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX046151.D

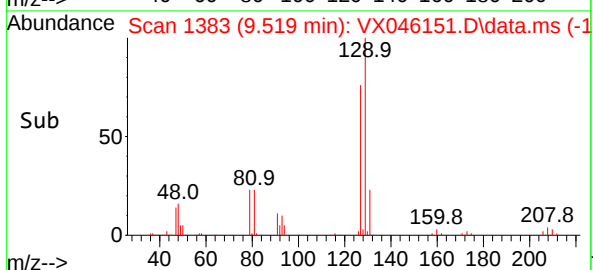
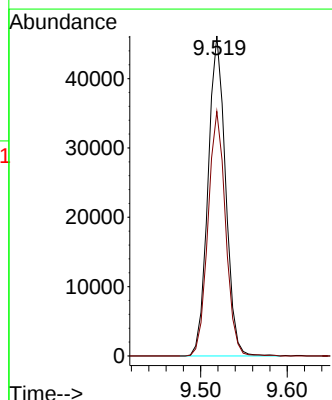
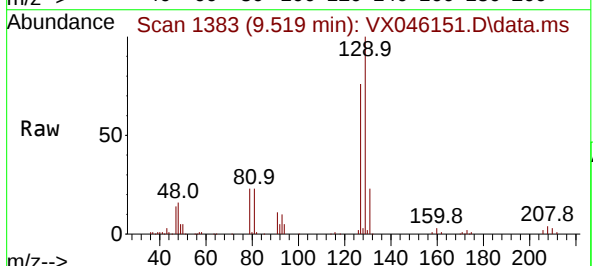
Acq: 12 May 2025 20:13

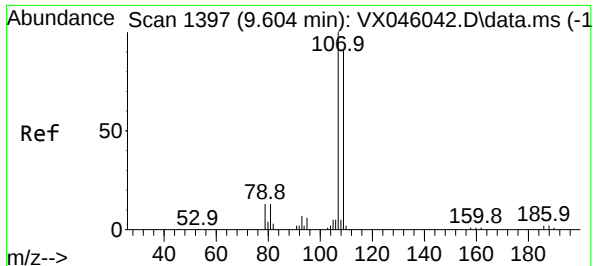
Tgt Ion: 129 Resp: 64734

Ion Ratio Lower Upper

129 100

127 76.5 39.3 117.8

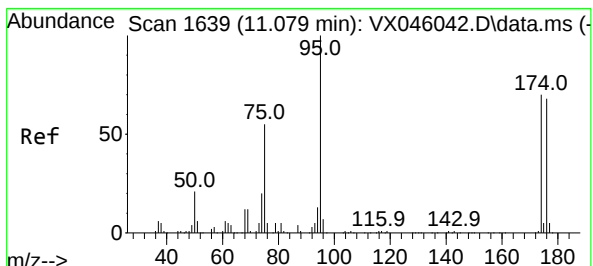
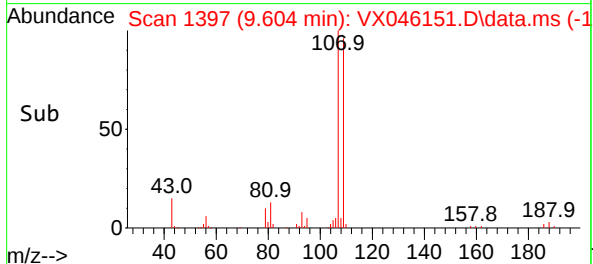
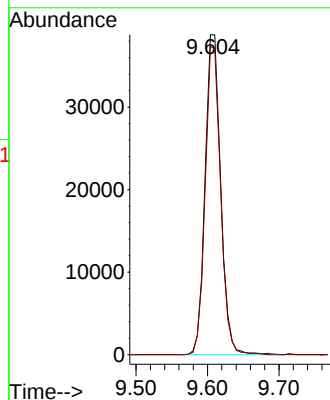
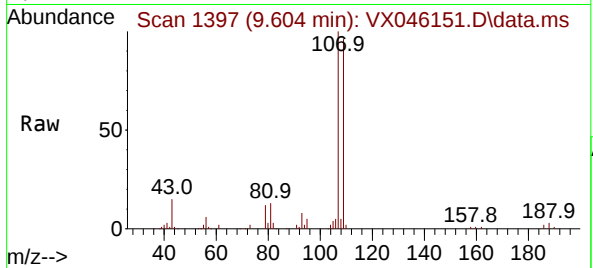




#61
1,2-Dibromoethane
Concen: 55.163 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

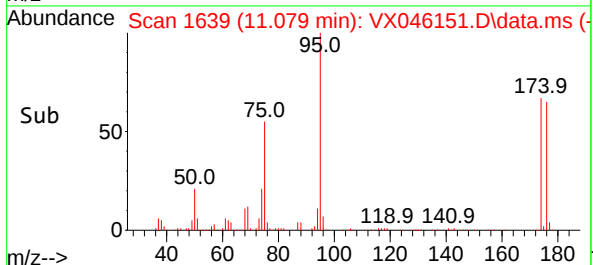
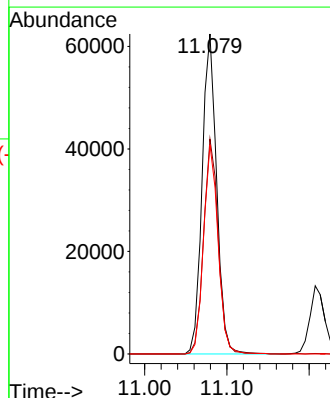
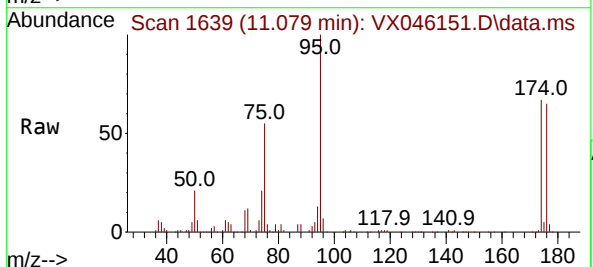
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

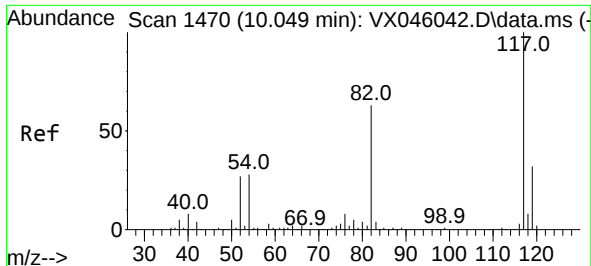
Tgt Ion:107 Resp: 58970
Ion Ratio Lower Upper
107 100
109 94.9 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 53.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 95 Resp: 76562
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.2 0.0 131.4

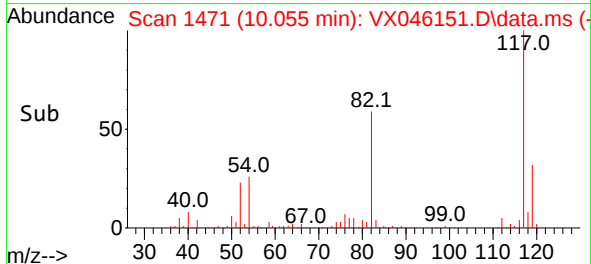
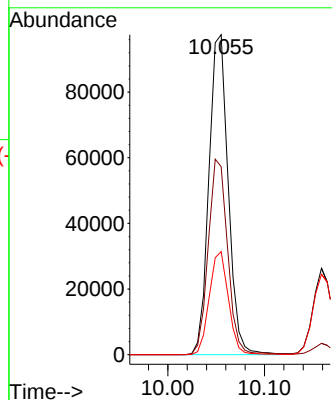
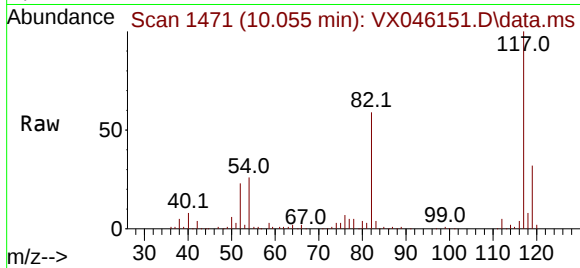




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

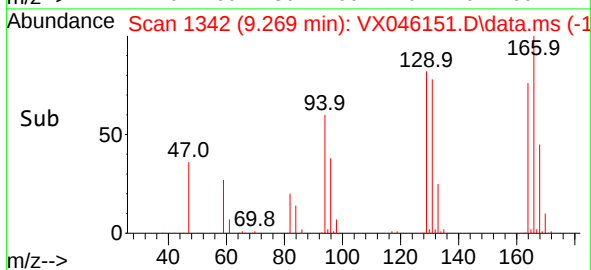
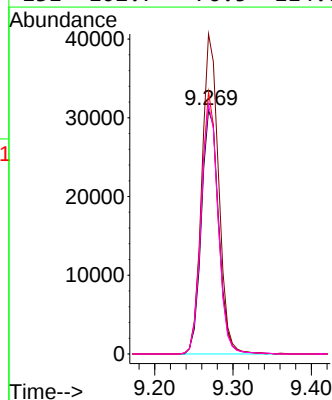
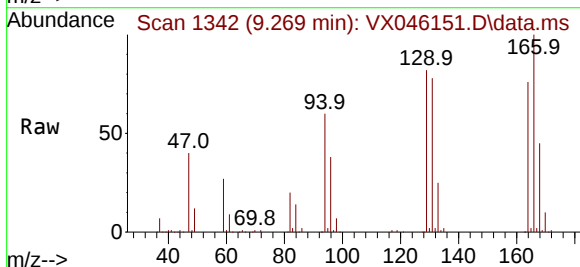
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

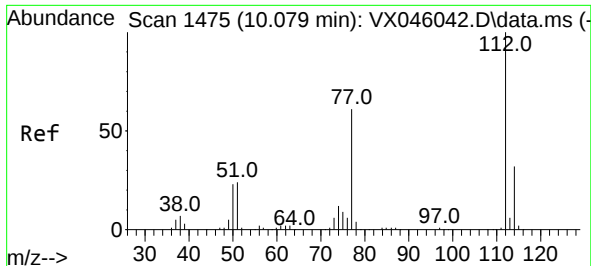
Tgt Ion:117 Resp: 134953
Ion Ratio Lower Upper
117 100
82 58.8 50.6 76.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.713 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion:164 Resp: 47468
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 107.6 83.5 125.3
131 102.7 76.5 114.7

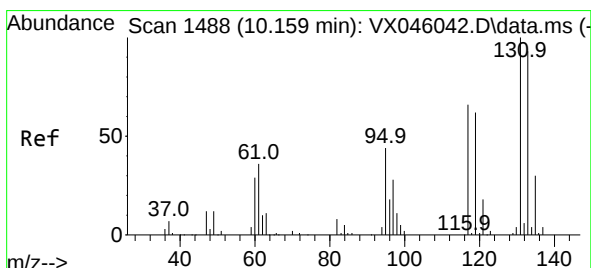
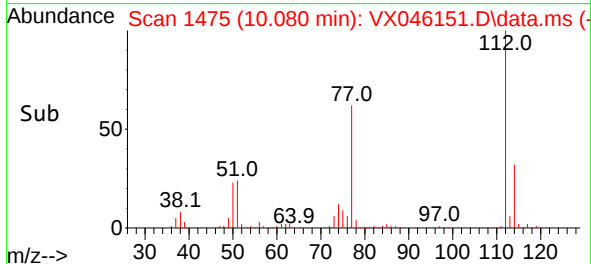
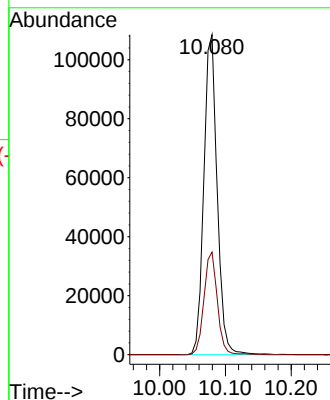
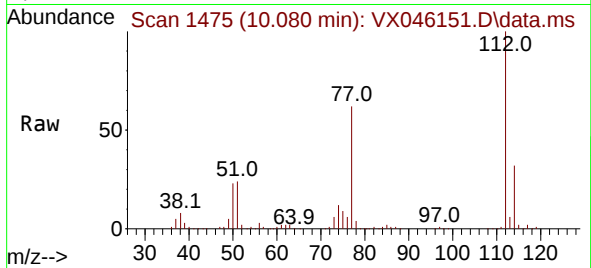




#65
Chlorobenzene
Concen: 51.750 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

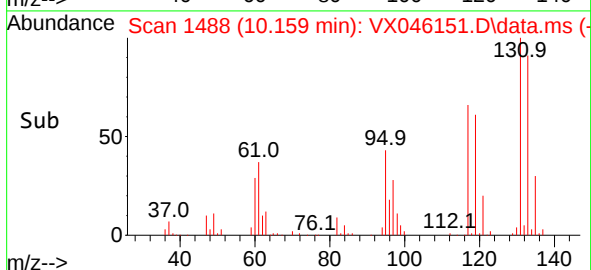
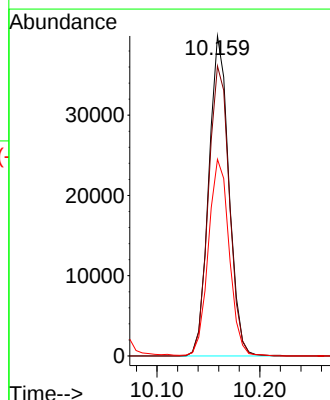
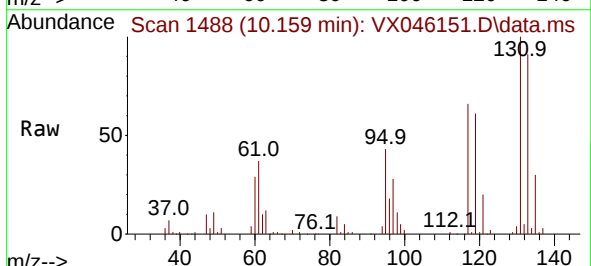
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

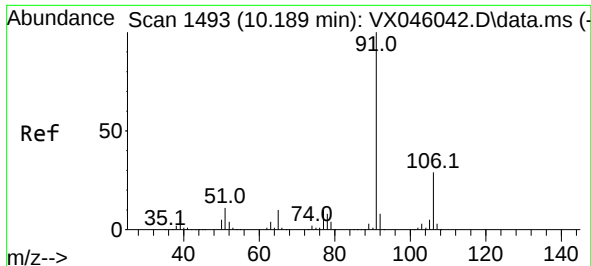
Tgt Ion:112 Resp: 152859
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.628 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion:131 Resp: 54091
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 63.7 31.6 95.0

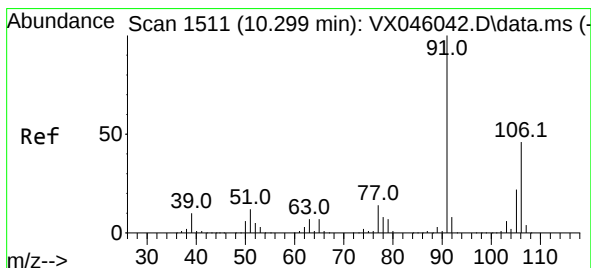
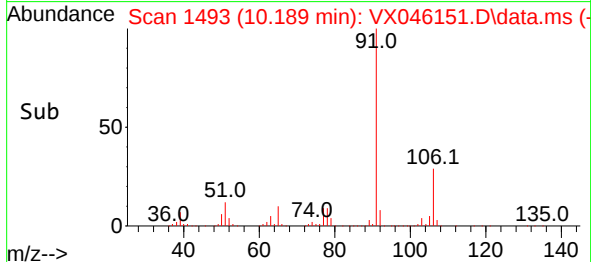
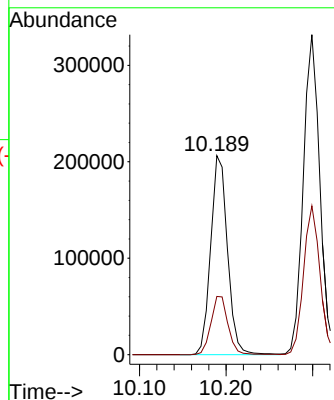
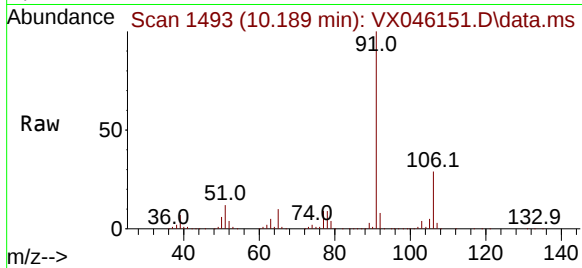




#67
Ethyl Benzene
Concen: 53.485 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

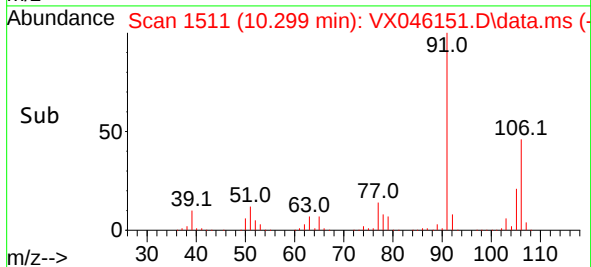
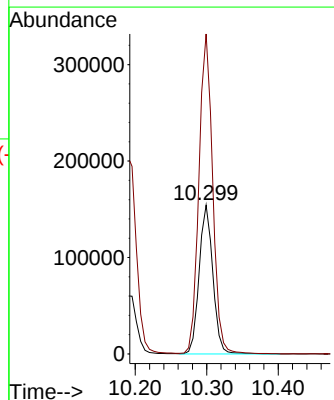
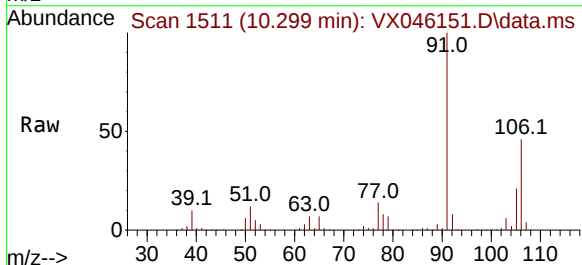
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

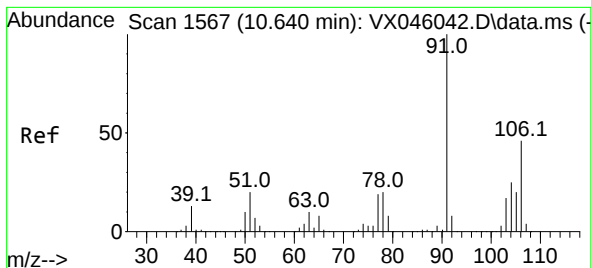
Tgt Ion: 91 Resp: 278483
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2



#68
m/p-Xylenes
Concen: 107.902 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 106 Resp: 205481
Ion Ratio Lower Upper
106 100
91 215.2 171.2 256.8





#69

o-Xylene

Concen: 54.296 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

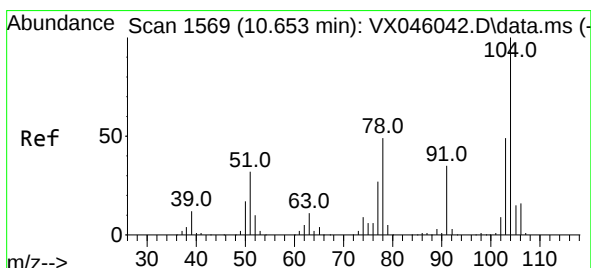
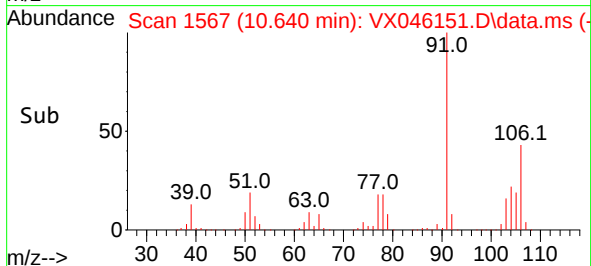
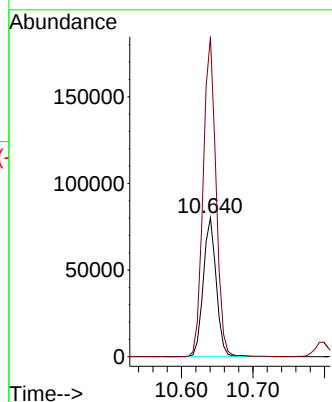
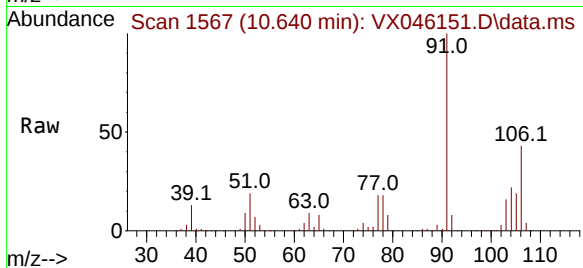
VSTDCCC050EC

Tgt Ion:106 Resp: 100802

Ion Ratio Lower Upper

106 100

91 229.7 112.7 338.1



#70

Styrene

Concen: 56.861 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

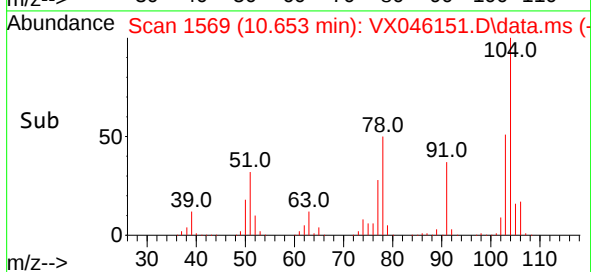
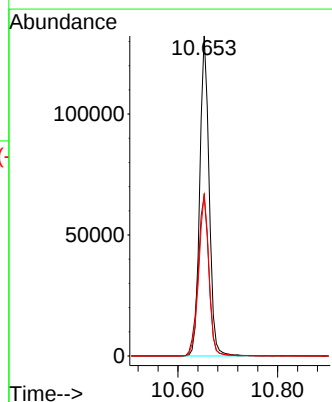
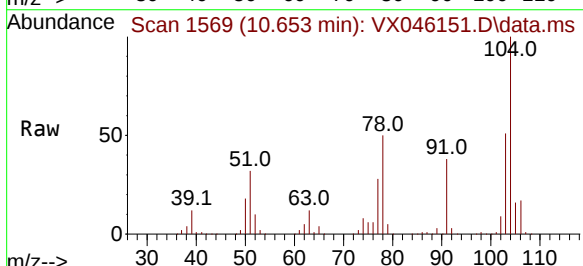
Tgt Ion:104 Resp: 172928

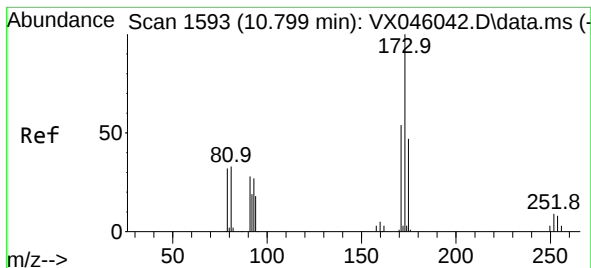
Ion Ratio Lower Upper

104 100

78 57.0 45.7 68.5

103 55.0 43.7 65.5





#71

Bromoform

Concen: 53.188 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

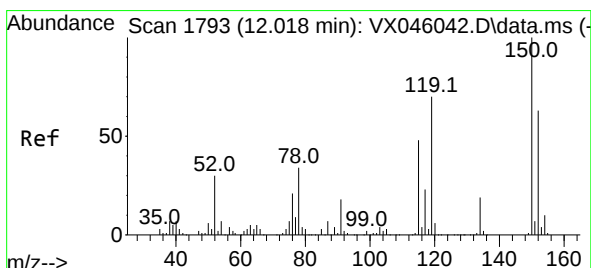
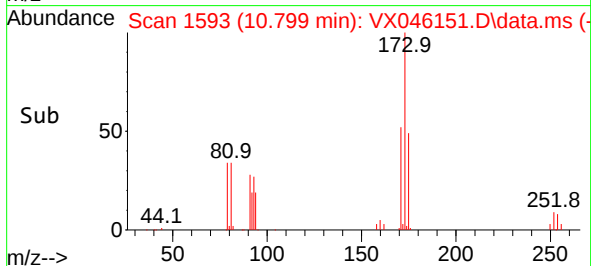
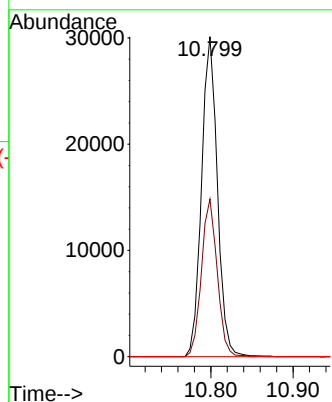
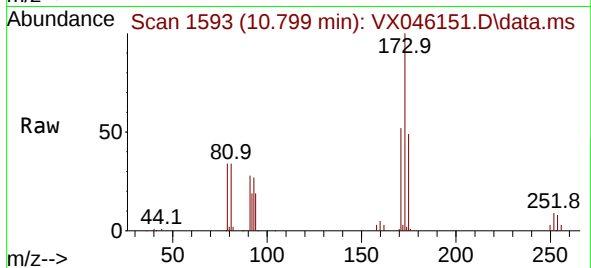
Tgt Ion:173 Resp: 40277

Ion Ratio Lower Upper

173 100

175 49.0 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: VX046151.D

Acq: 12 May 2025 20:13

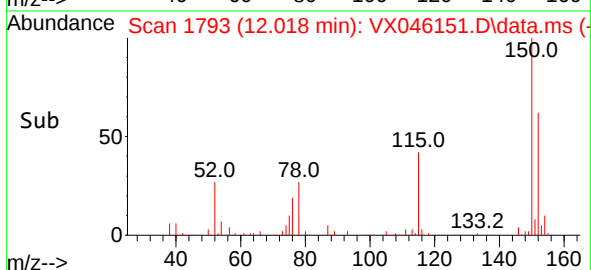
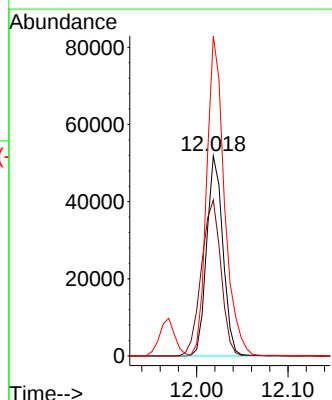
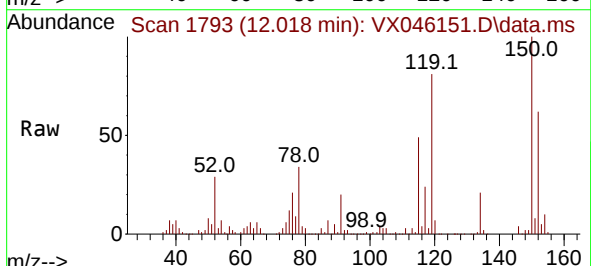
Tgt Ion:152 Resp: 63647

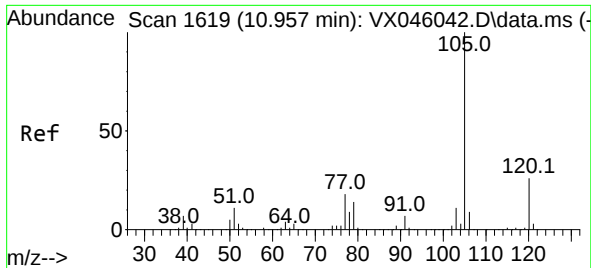
Ion Ratio Lower Upper

152 100

115 94.3 46.9 140.7

150 174.8 0.0 351.0

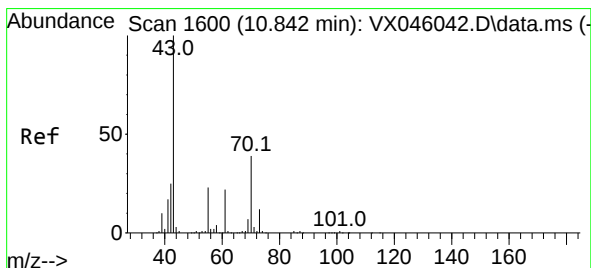
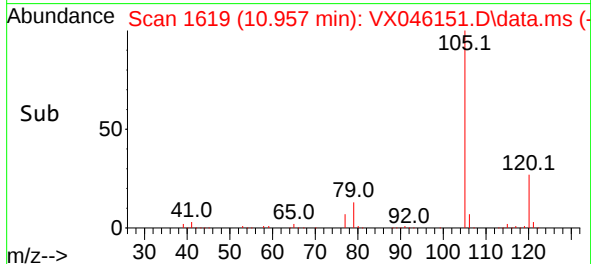
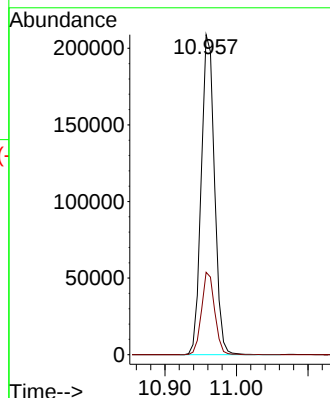
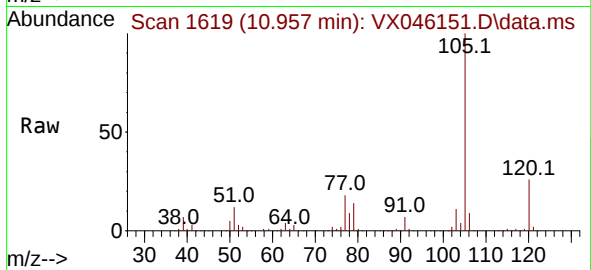




#73
Isopropylbenzene
Concen: 54.324 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

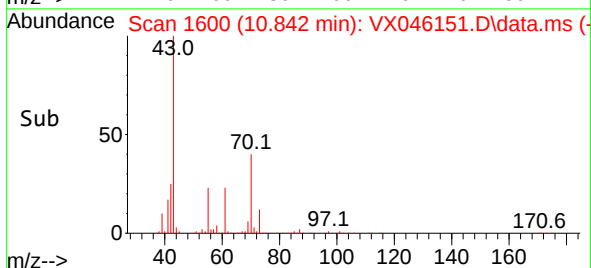
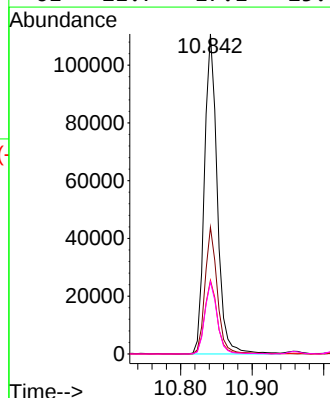
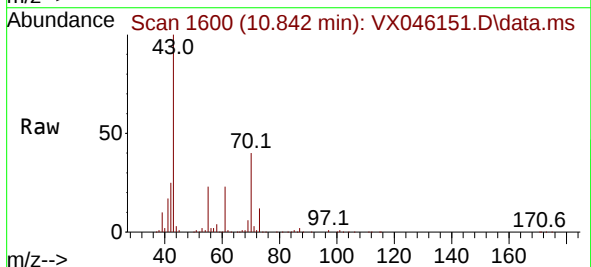
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

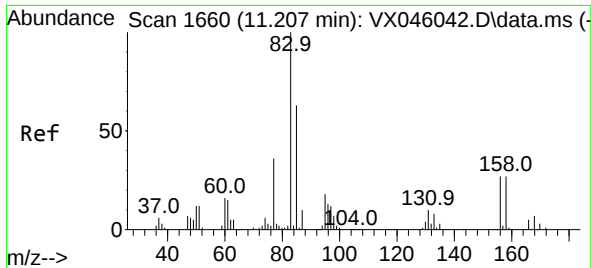
Tgt Ion:105 Resp: 269183
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 56.337 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 43 Resp: 137943
Ion Ratio Lower Upper
43 100
70 37.9 30.9 46.3
55 22.9 18.7 28.1
61 21.7 17.1 25.7

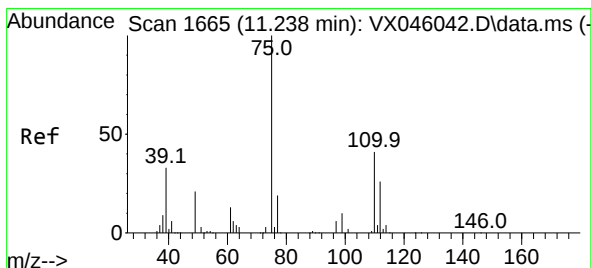
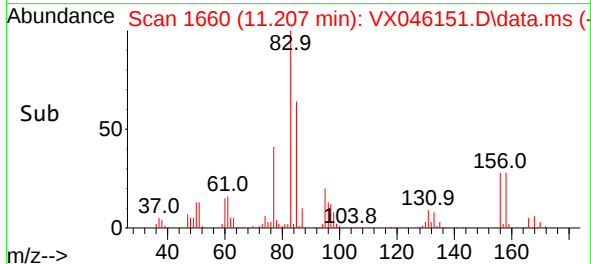
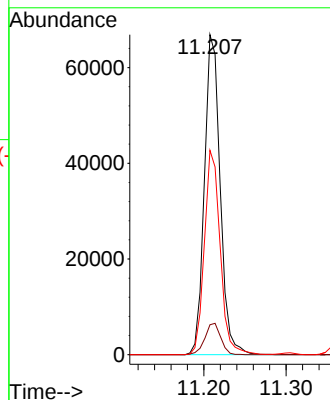
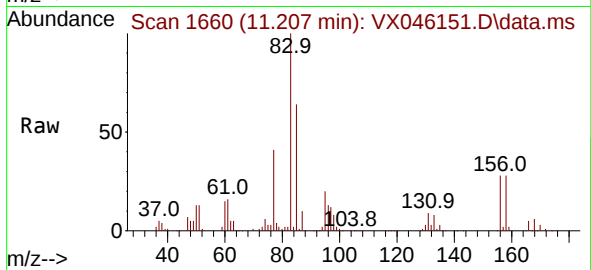




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.275 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

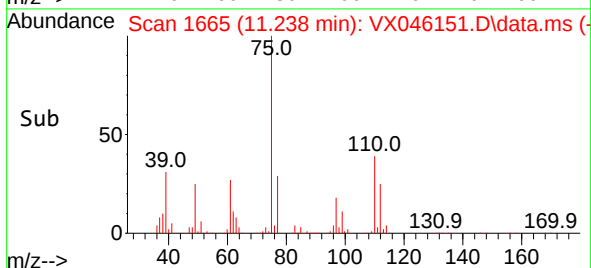
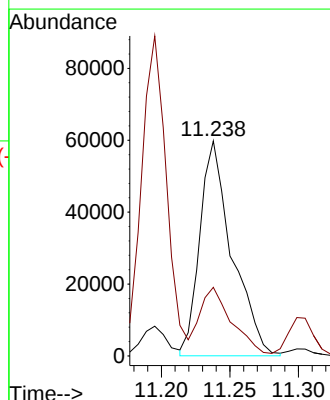
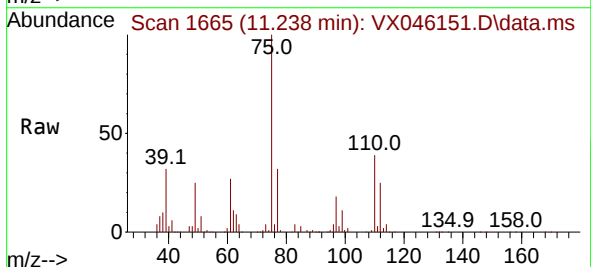
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 89036
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 64.080 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

Tgt Ion: 75 Resp: 98172
 Ion Ratio Lower Upper
 75 100
 77 32.0 20.5 61.5

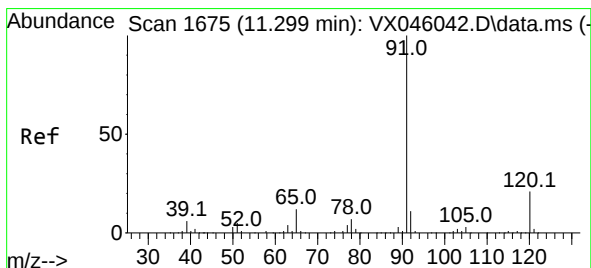
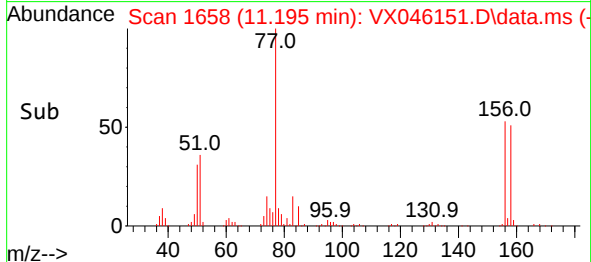
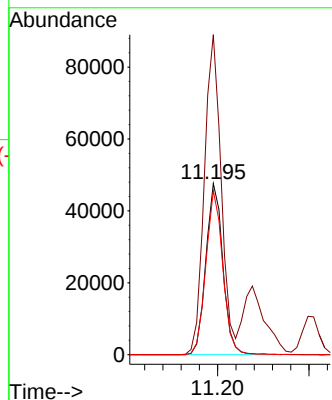
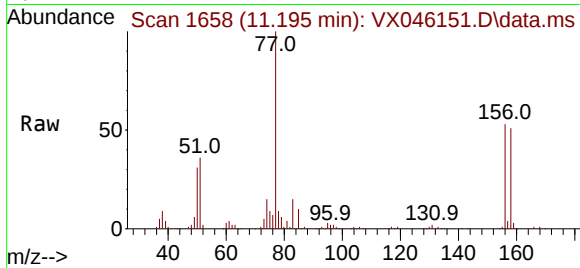




#77
Bromobenzene
Concen: 53.263 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

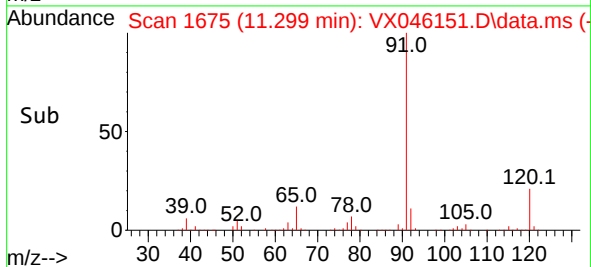
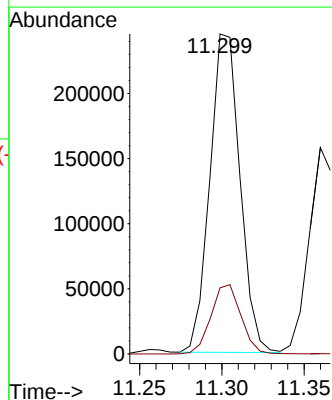
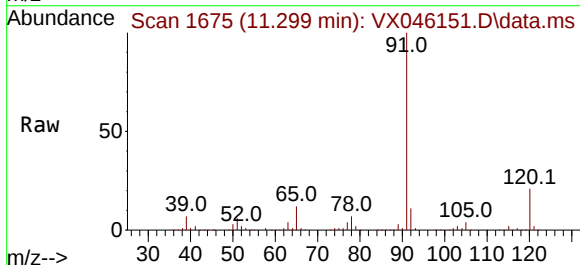
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

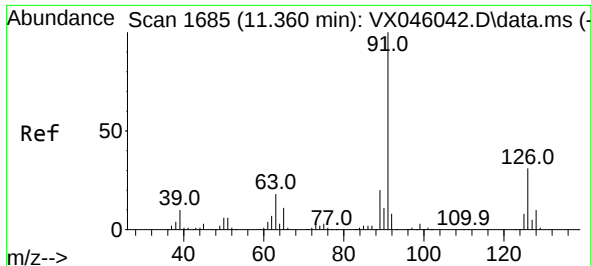
Tgt Ion:156 Resp: 61273
Ion Ratio Lower Upper
156 100
77 185.2 92.8 278.3
158 95.2 48.8 146.3



#78
n-propylbenzene
Concen: 54.136 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 91 Resp: 311907
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

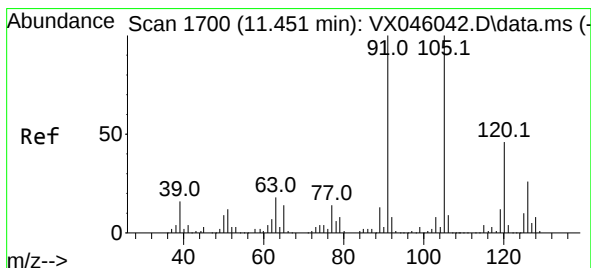
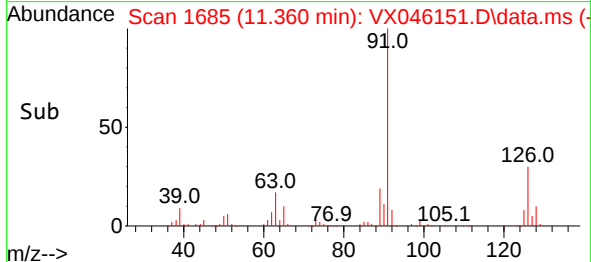
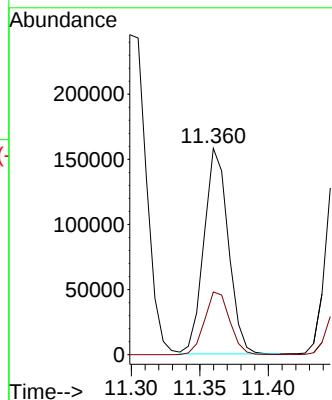
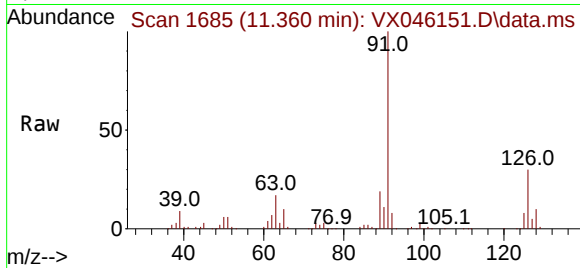




#79
2-Chlorotoluene
Concen: 52.496 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

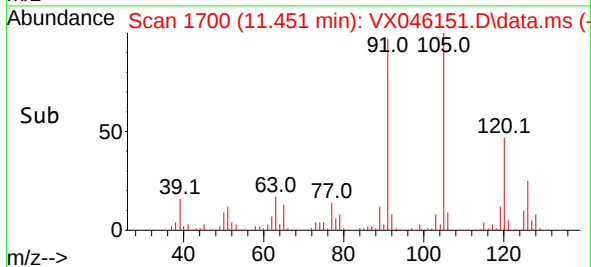
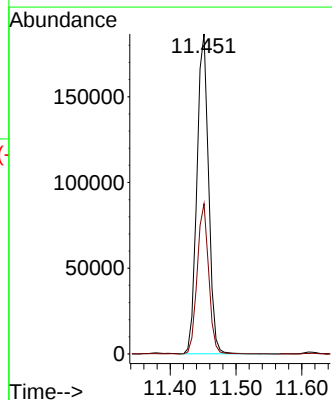
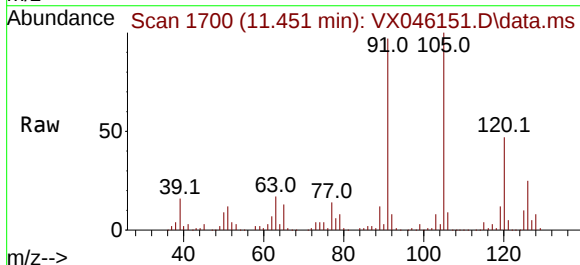
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 195086
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 55.380 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 105 Resp: 229252
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

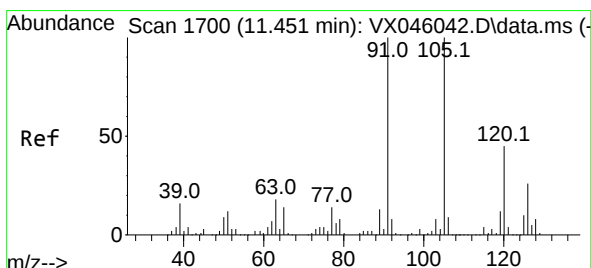
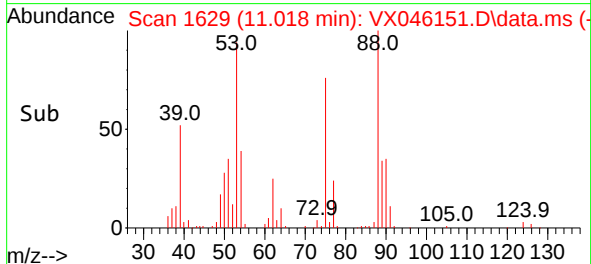
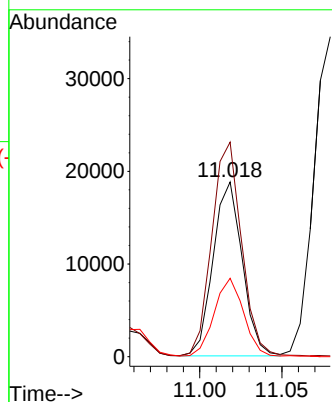
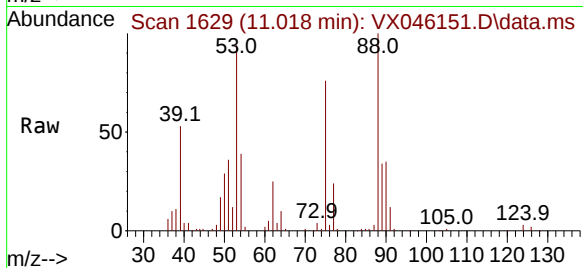




#81
trans-1,4-Dichloro-2-butene
Concen: 49.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

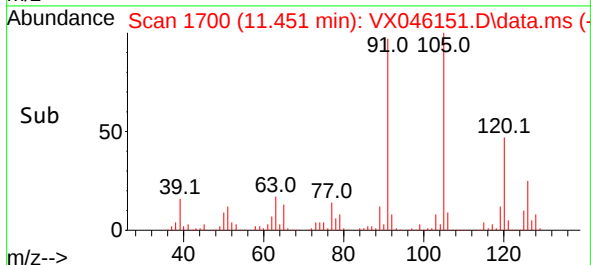
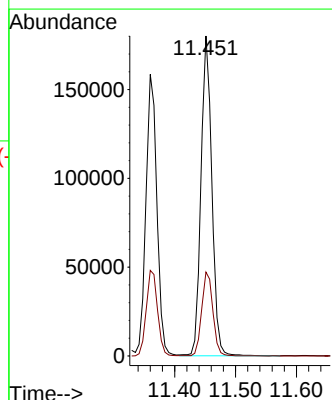
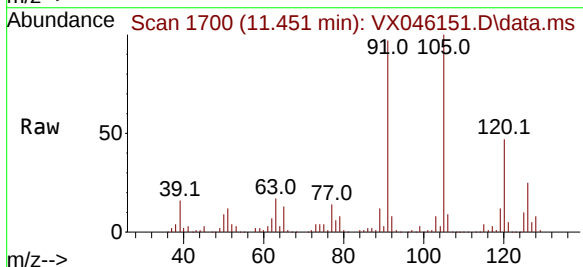
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

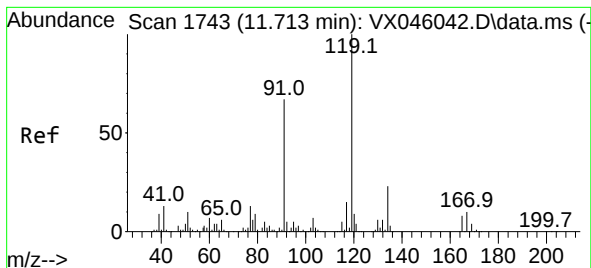
Tgt Ion: 75 Resp: 23200
Ion Ratio Lower Upper
75 100
53 127.2 100.5 150.7
89 46.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 54.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 91 Resp: 223356
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.8





#83

tert-Butylbenzene

Concen: 53.518 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

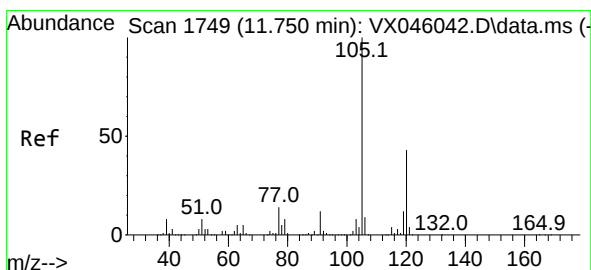
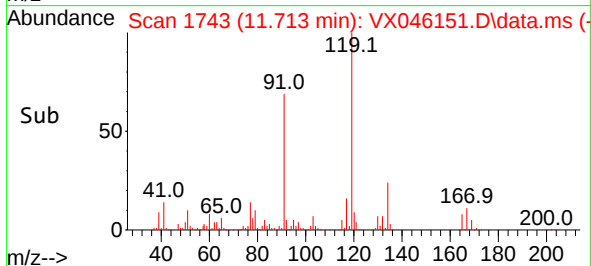
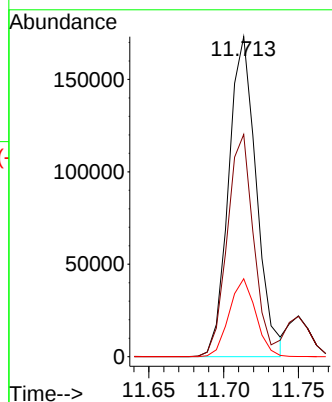
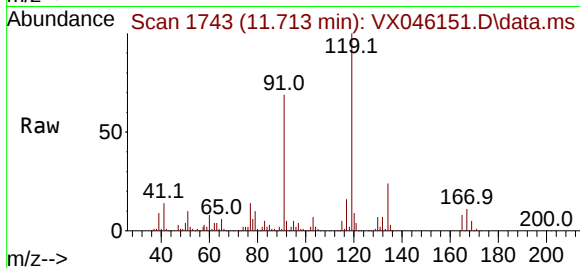
Tgt Ion:119 Resp: 223159

Ion Ratio Lower Upper

119 100

91 65.6 32.9 98.7

134 23.4 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 54.971 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046151.D

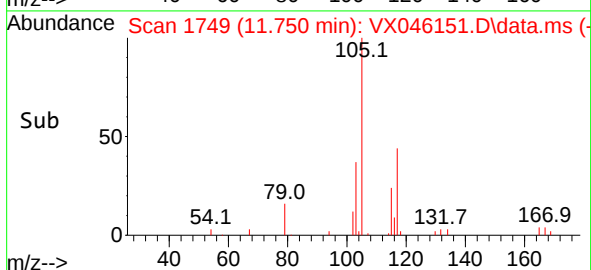
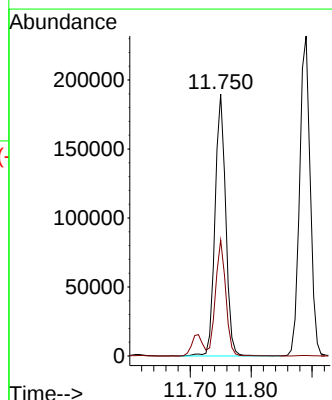
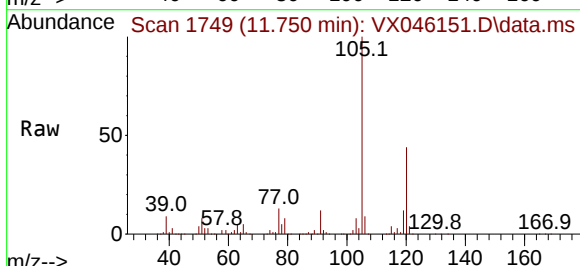
Acq: 12 May 2025 20:13

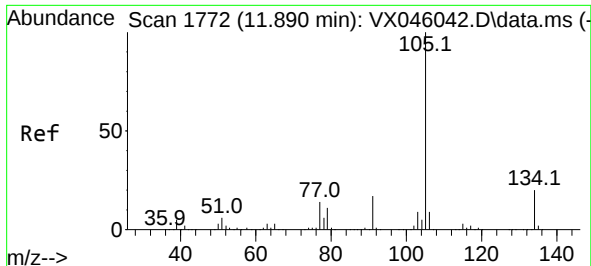
Tgt Ion:105 Resp: 230448

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6

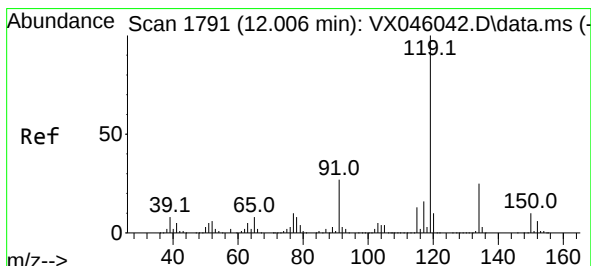
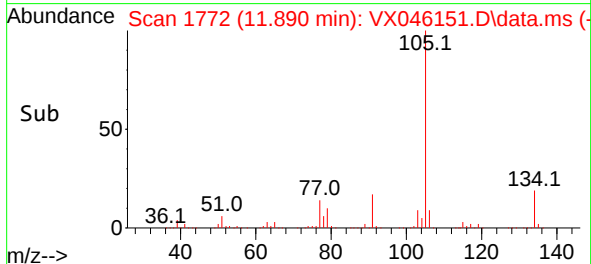
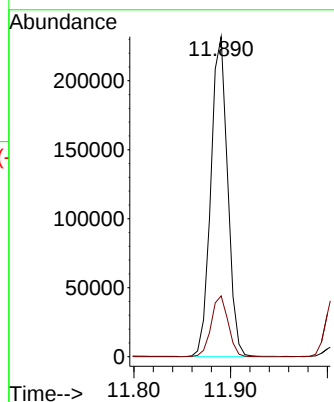
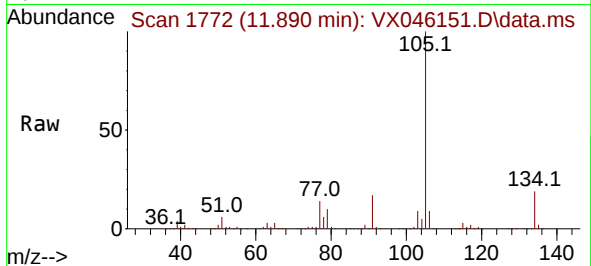




#85
 sec-Butylbenzene
 Concen: 54.745 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

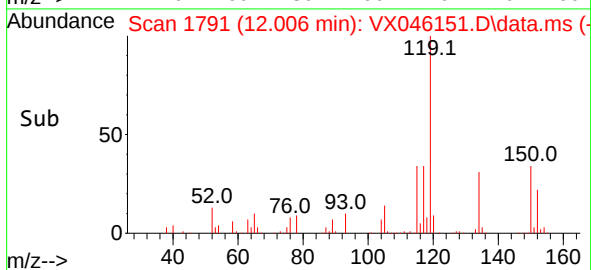
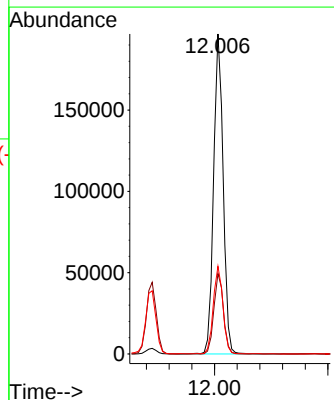
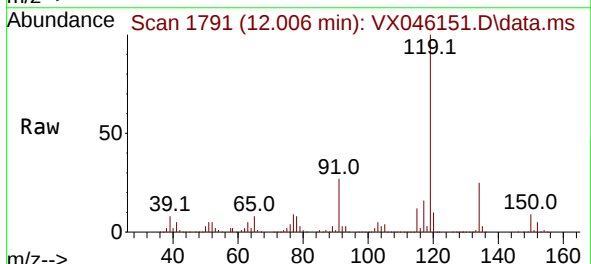
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 280284
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.236 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046151.D
 Acq: 12 May 2025 20:13

Tgt Ion:119 Resp: 229203
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.6 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.701 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

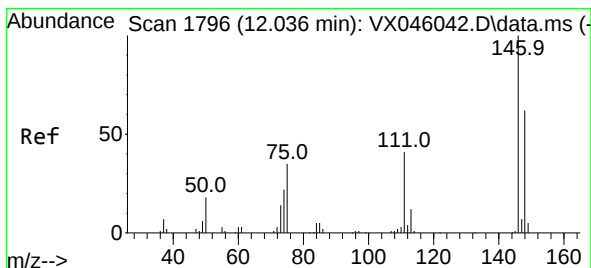
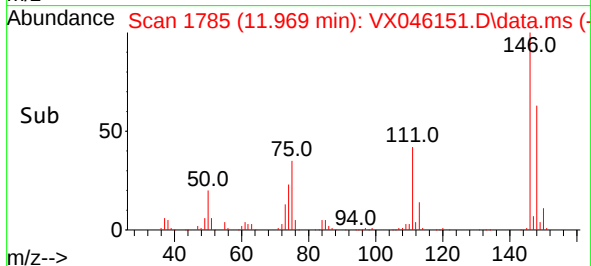
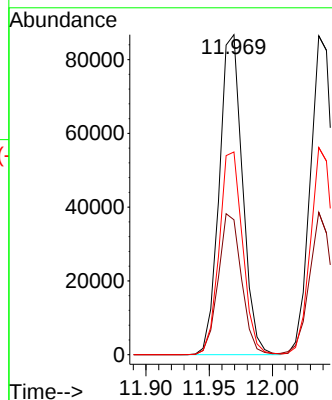
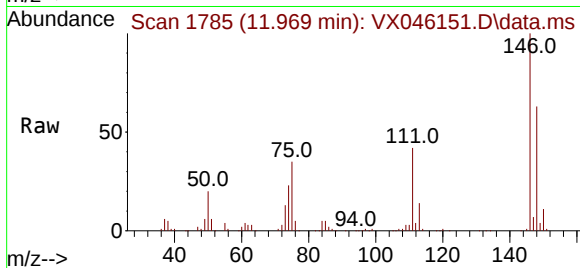
Tgt Ion:146 Resp: 110646

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

148 63.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 50.997 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

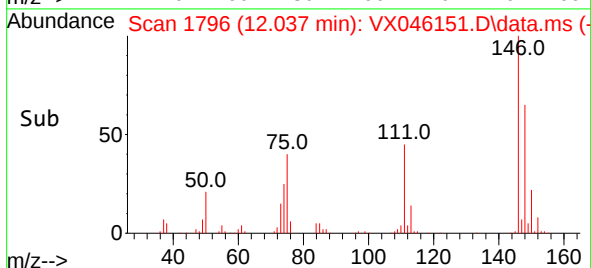
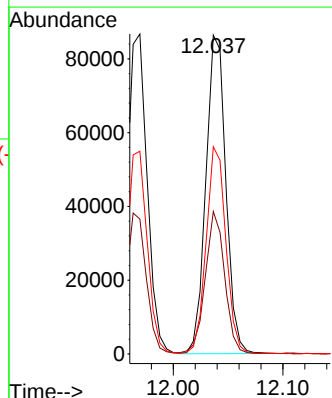
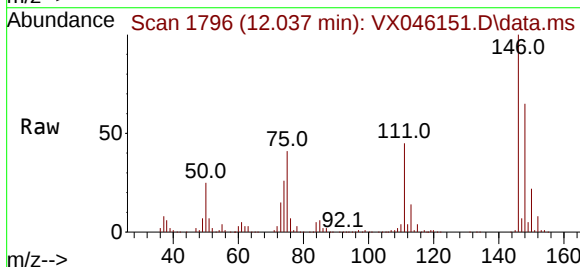
Tgt Ion:146 Resp: 109345

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

148 64.0 31.9 95.5

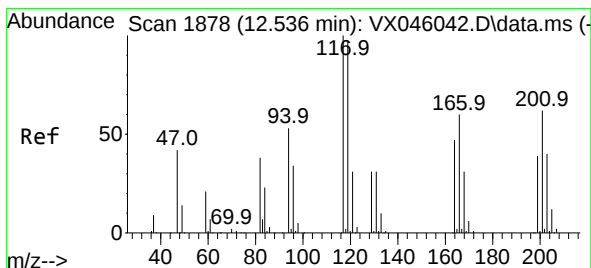
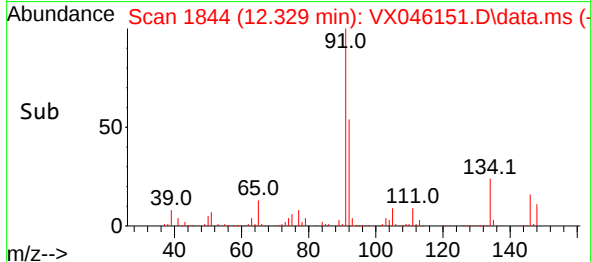
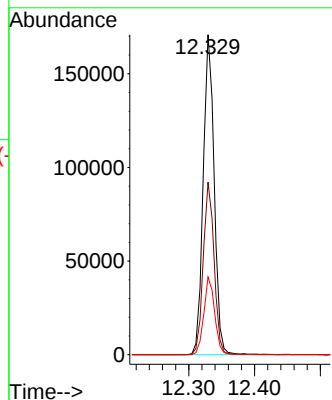
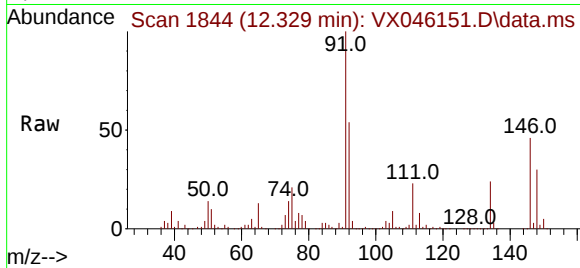




#89
n-Butylbenzene
Concen: 53.462 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

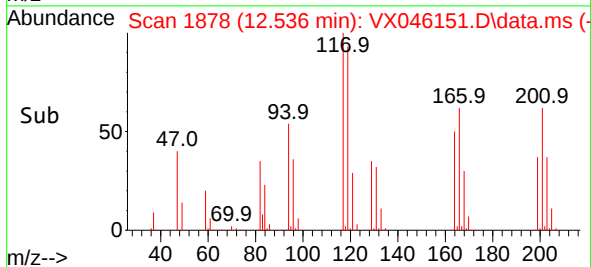
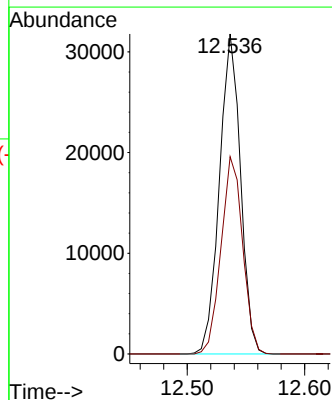
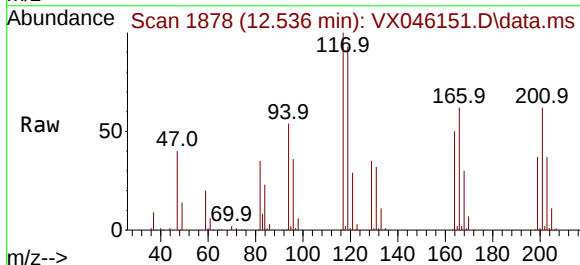
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 198181
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 24.1 11.8 35.3



#90
Hexachloroethane
Concen: 53.254 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 117 Resp: 39649
Ion Ratio Lower Upper
117 100
201 63.2 31.6 94.7

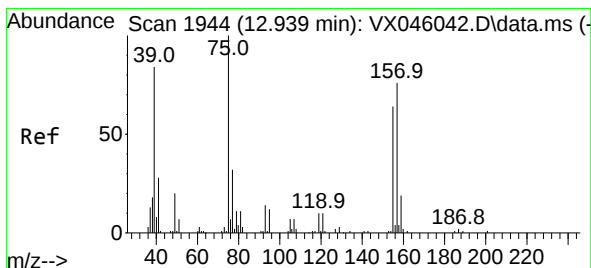
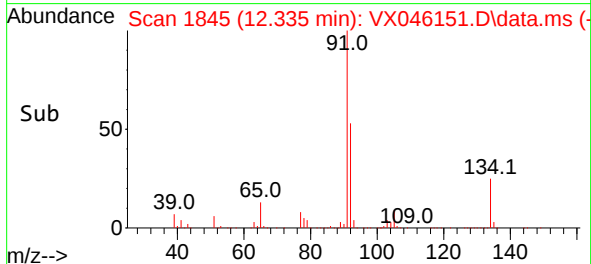
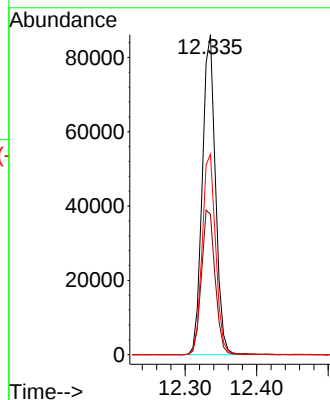
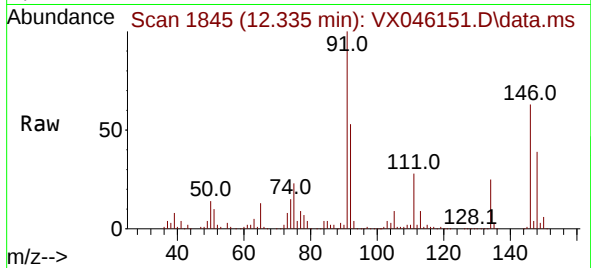




#91
1,2-Dichlorobenzene
Concen: 52.418 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

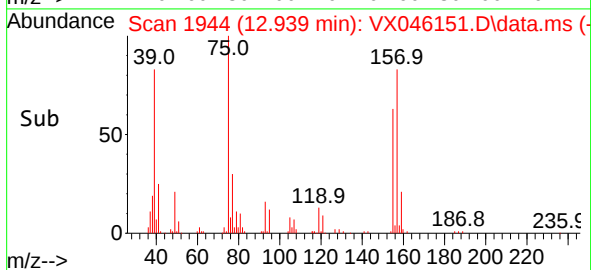
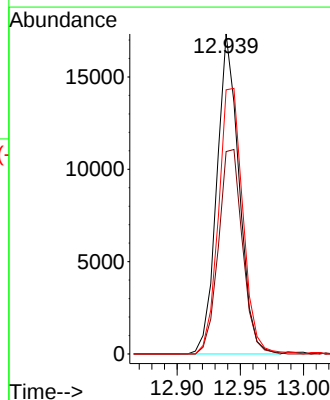
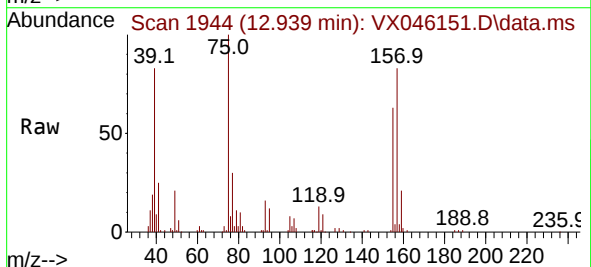
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

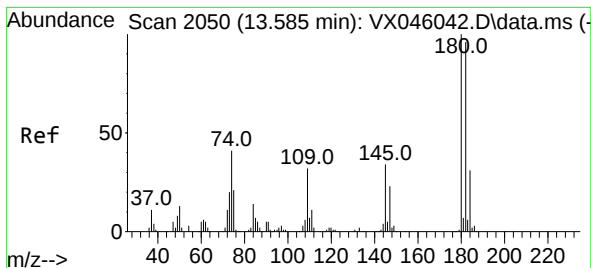
Tgt Ion:146 Resp: 110436
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.3
148 63.9 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.004 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046151.D
Acq: 12 May 2025 20:13

Tgt Ion: 75 Resp: 21159
Ion Ratio Lower Upper
75 100
155 69.0 34.9 104.8
157 90.8 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 50.777 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

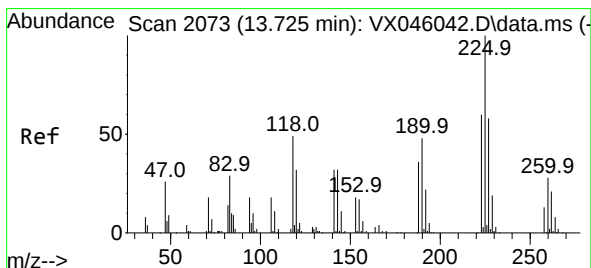
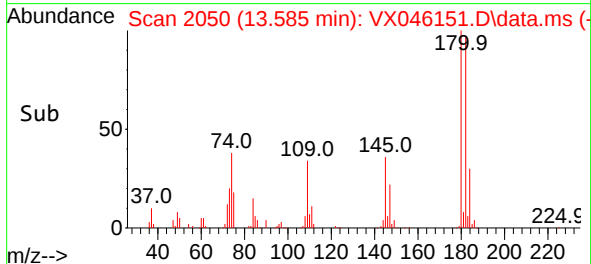
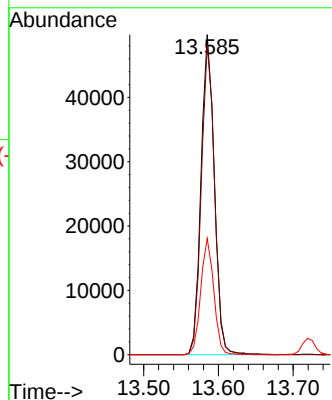
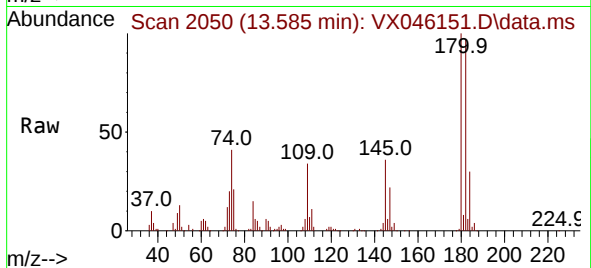
Tgt Ion:180 Resp: 61444

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 35.6 17.1 51.2



#94

Hexachlorobutadiene

Concen: 50.426 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

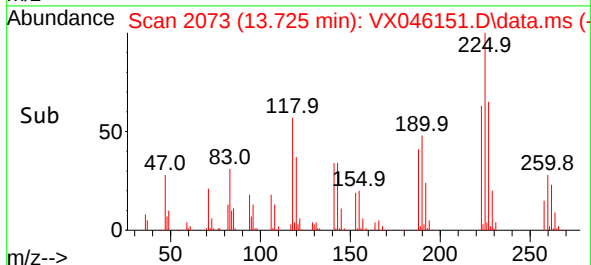
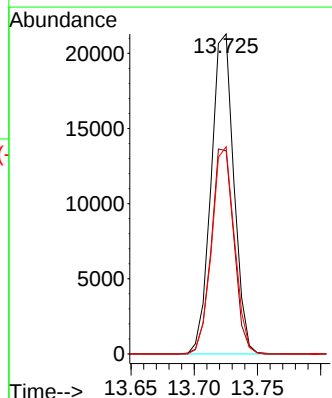
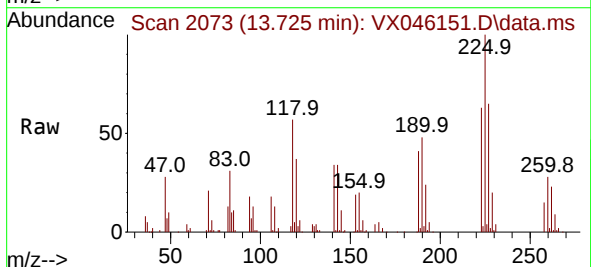
Tgt Ion:225 Resp: 26650

Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.4

227 64.5 30.9 92.7





#95

Naphthalene

Concen: 53.059 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

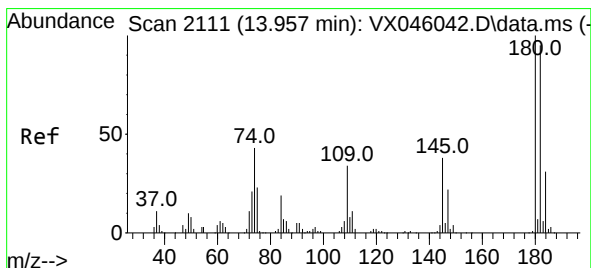
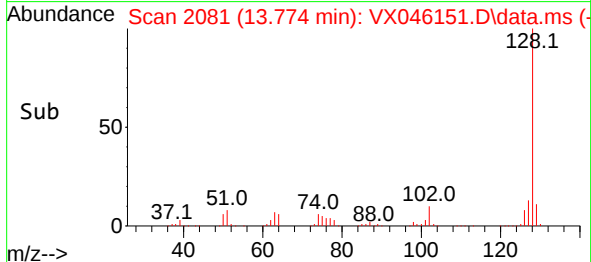
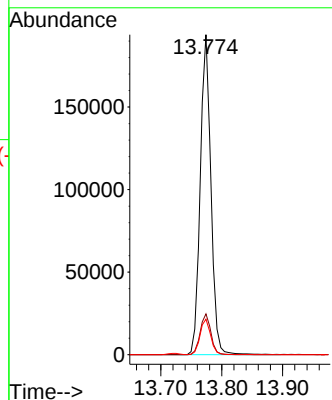
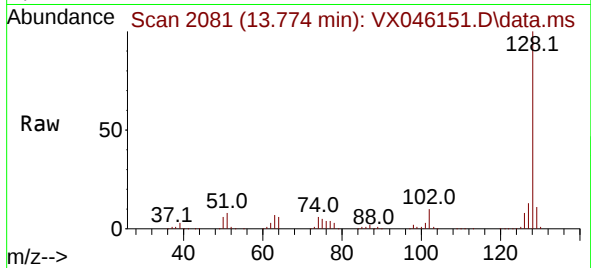
Tgt Ion:128 Resp: 235485

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.984 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046151.D

Acq: 12 May 2025 20:13

Tgt Ion:180 Resp: 66156

Ion Ratio Lower Upper

180 100

182 92.3 47.8 143.3

145 35.1 18.1 54.3

