

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046011.D
 Acq On : 30 Apr 2025 20:21
 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 01 03:40:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76043	55.584	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.160%	
35) Dibromofluoromethane	5.385	113	53200	54.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.200%	
50) Toluene-d8	8.647	98	176843	51.997	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	11.079	95	72344	58.398	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 116.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54145	48.397	ug/l	98
3) Chloromethane	1.307	50	57548	50.070	ug/l	98
4) Vinyl Chloride	1.374	62	53566	50.926	ug/l	97
5) Bromomethane	1.593	94	24271	48.665	ug/l	99
6) Chloroethane	1.666	64	30041	53.831	ug/l	97
7) Trichlorofluoromethane	1.874	101	84203	53.684	ug/l	100
8) Diethyl Ether	2.136	74	29103	55.267	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	49946	54.342	ug/l	98
10) Methyl Iodide	2.441	142	64319	56.105	ug/l	97
11) Tert butyl alcohol	2.983	59	64161	348.973	ug/l	100
12) 1,1-Dichloroethene	2.306	96	48243	53.718	ug/l	98
13) Acrolein	2.239	56	64650	255.348	ug/l	98
14) Allyl chloride	2.654	41	96290	56.508	ug/l	98
15) Acrylonitrile	3.068	53	174084	299.954	ug/l	100
16) Acetone	2.386	43	171518	305.320	ug/l	99
17) Carbon Disulfide	2.502	76	95784	43.183	ug/l	99
18) Methyl Acetate	2.703	43	100972	78.068	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	191643	61.001	ug/l	99
20) Methylene Chloride	2.782	84	59410	56.490	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	48787	53.173	ug/l	98
22) Diisopropyl ether	3.764	45	200445	59.716	ug/l	99
23) Vinyl Acetate	3.721	43	856416	295.305	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108125	56.959	ug/l	100
25) 2-Butanone	4.556	43	256466	311.885	ug/l	98
26) 2,2-Dichloropropane	4.465	77	55585	45.321	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62736	56.123	ug/l	99
28) Bromochloromethane	4.891	49	46474	50.661	ug/l	98
29) Tetrahydrofuran	5.007	42	162715	305.207	ug/l	99
30) Chloroform	5.093	83	113248	57.978	ug/l	94
31) Cyclohexane	5.458	56	89517	53.341	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	96680	58.494	ug/l	98
36) 1,1-Dichloropropene	5.684	75	69970	53.184	ug/l	99
37) Ethyl Acetate	4.715	43	93009	56.099	ug/l	99
38) Carbon Tetrachloride	5.672	117	79968	56.241	ug/l	97
39) Methylcyclohexane	7.373	83	84254	52.244	ug/l	98
40) Benzene	6.031	78	216855	53.970	ug/l	98

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53281	60.907	ug/l	100
42) 1,2-Dichloroethane	6.080	62	94345	56.849	ug/l	100
43) Isopropyl Acetate	6.336	43	151720	60.377	ug/l	100
44) Trichloroethene	7.123	130	51089	53.495	ug/l	94
45) 1,2-Dichloropropane	7.427	63	57096	56.951	ug/l	95
46) Dibromomethane	7.580	93	42947	55.805	ug/l	97
47) Bromodichloromethane	7.818	83	87331	56.822	ug/l	98
48) Methyl methacrylate	7.690	41	80552	62.086	ug/l	98
49) 1,4-Dioxane	7.659	88	29281	1247.379	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	519931	312.117	ug/l	99
52) Toluene	8.714	92	135705	55.815	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75263	50.881	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82519	57.135	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	56394	58.207	ug/l	98
56) Ethyl methacrylate	9.116	69	96123	64.107	ug/l	98
57) 1,3-Dichloropropane	9.305	76	97528	57.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	216812	285.839	ug/l	99
59) 2-Hexanone	9.427	43	390890	316.874	ug/l	100
60) Dibromochloromethane	9.519	129	62726	59.387	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56459	57.566	ug/l	99
64) Tetrachloroethene	9.269	164	45270	52.969	ug/l	97
65) Chlorobenzene	10.079	112	147618	57.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51975	57.876	ug/l	98
67) Ethyl Benzene	10.189	91	265577	57.326	ug/l	100
68) m/p-Xylenes	10.299	106	192730	114.382	ug/l	99
69) o-Xylene	10.640	106	98034	59.062	ug/l	99
70) Styrene	10.653	104	165794	60.518	ug/l	99
71) Bromoform	10.799	173	39478	58.875	ug/l #	97
73) Isopropylbenzene	10.957	105	261104	55.203	ug/l	99
74) N-amyl acetate	10.841	43	134656	59.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	90077	54.213	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	97511	67.700	ug/l	87
77) Bromobenzene	11.195	156	59282	54.245	ug/l	99
78) n-propylbenzene	11.299	91	303699	55.745	ug/l	100
79) 2-Chlorotoluene	11.360	91	188887	54.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219026	56.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21731	51.205	ug/l	98
82) 4-Chlorotoluene	11.451	91	215278	55.437	ug/l	100
83) tert-Butylbenzene	11.713	119	217296	56.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224028	57.068	ug/l	98
85) sec-Butylbenzene	11.890	105	271924	57.175	ug/l	100
86) p-Isopropyltoluene	12.006	119	221881	56.588	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107631	54.104	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	106715	52.914	ug/l	97
89) n-Butylbenzene	12.329	91	193452	56.895	ug/l	99
90) Hexachloroethane	12.536	117	39380	58.439	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108232	54.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21023	60.500	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	62543	56.810	ug/l	99
94) Hexachlorobutadiene	13.725	225	25964	54.730	ug/l	99
95) Naphthalene	13.774	128	243494	59.434	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64855	56.259	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

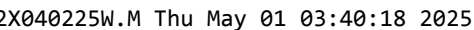
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MSVOA_X
ClientSampleId :
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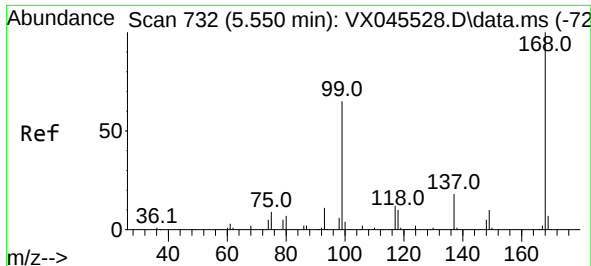
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QLast Update : Wed Apr 02 03:11:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

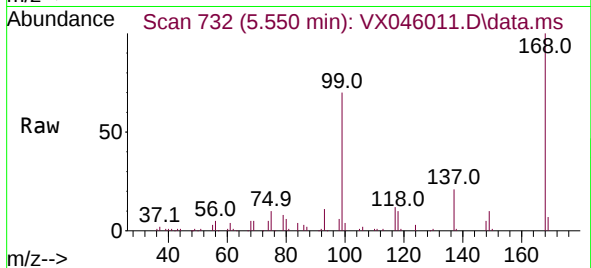
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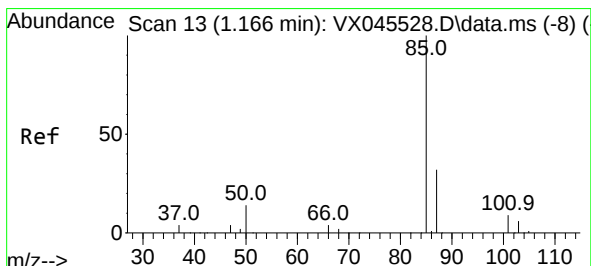
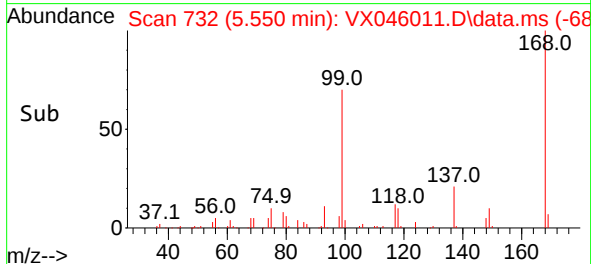
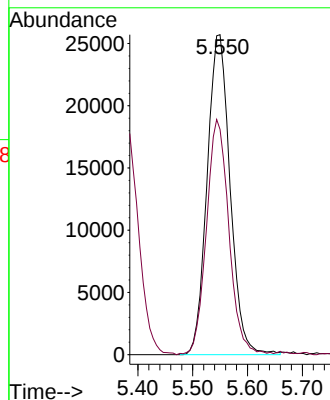


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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ClientSampleId :
VSTDCCC050EC

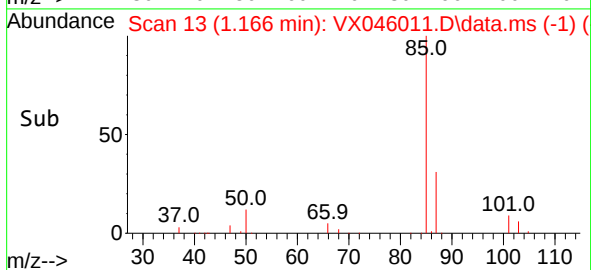
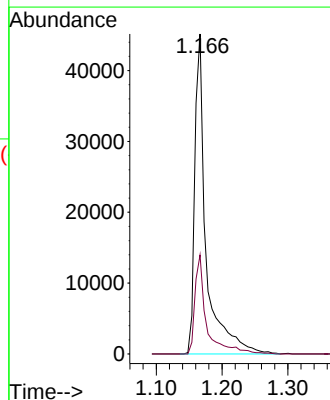
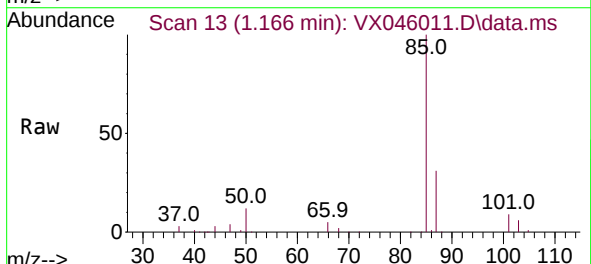


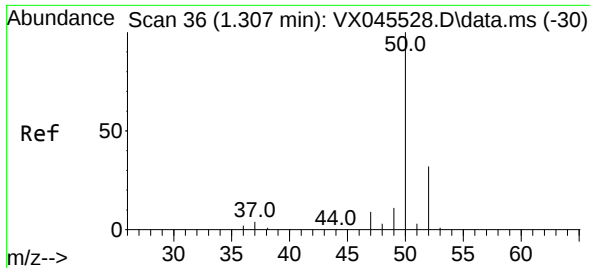
Tgt Ion:168 Resp: 74809
Ion Ratio Lower Upper
168 100
99 70.0 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 48.397 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 85 Resp: 54145
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2

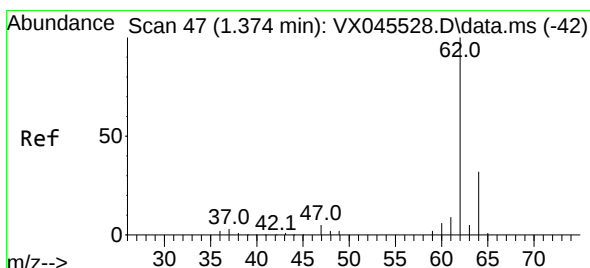
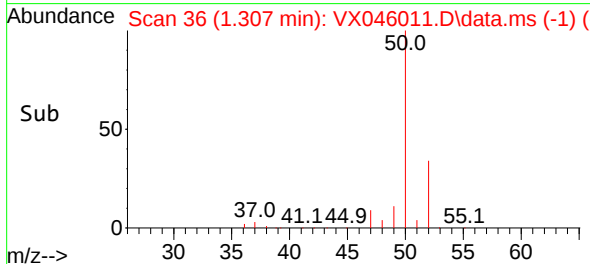
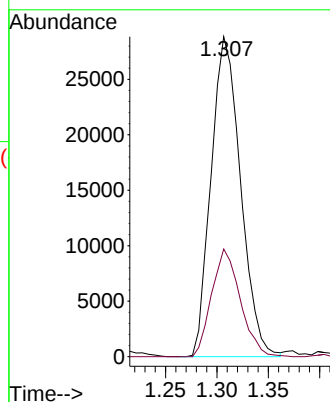
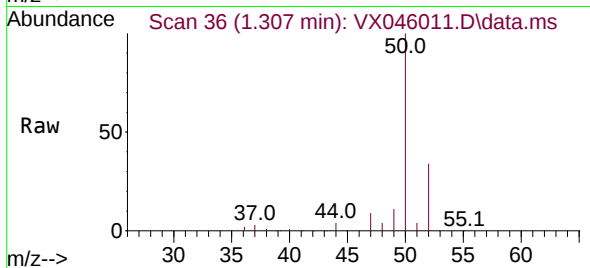




#3
Chloromethane
Concen: 50.070 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

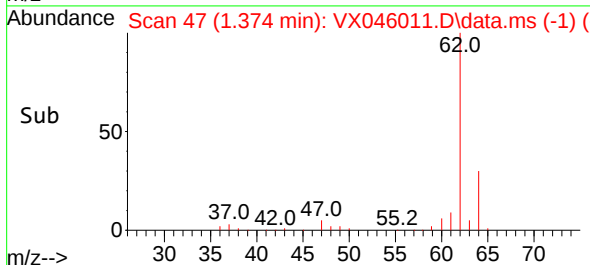
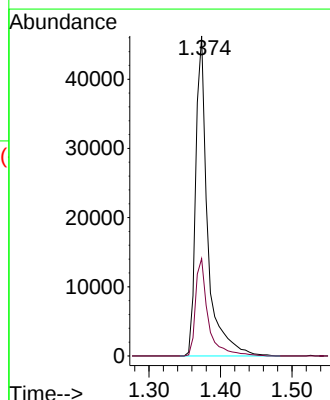
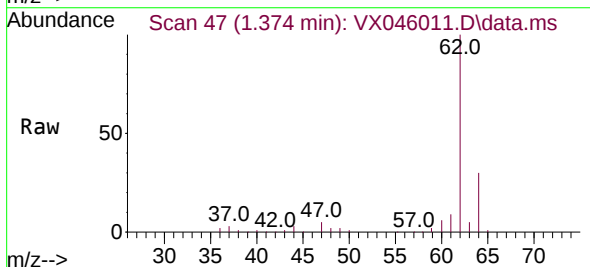
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 57548
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



#4
Vinyl Chloride
Concen: 50.926 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 62 Resp: 53566
Ion Ratio Lower Upper
62 100
64 30.4 25.5 38.3

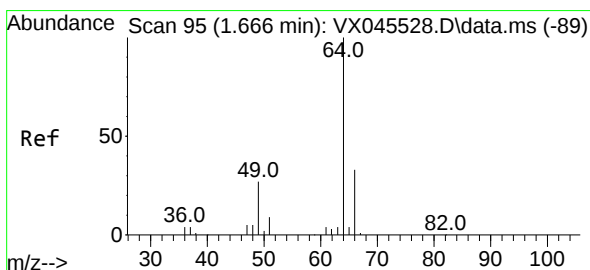
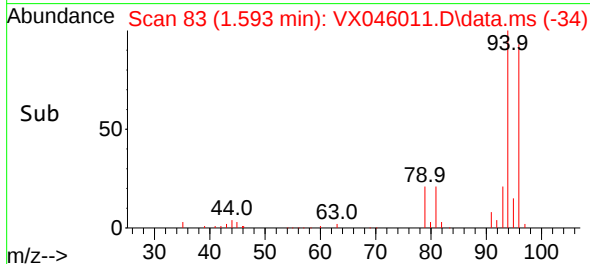
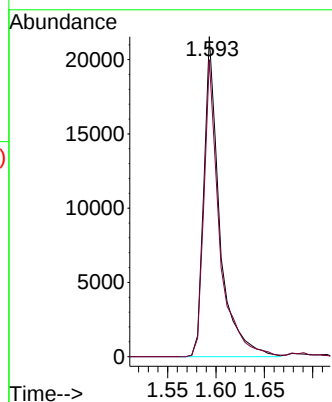
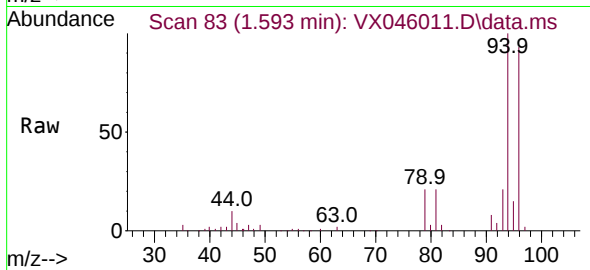




#5
Bromomethane
Concen: 48.665 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

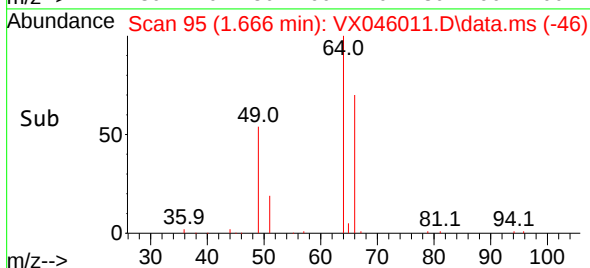
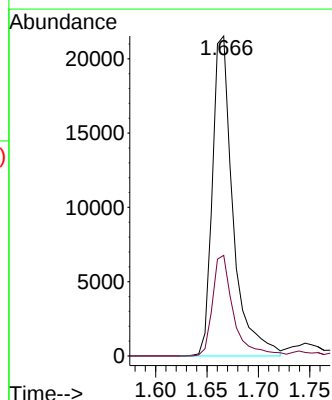
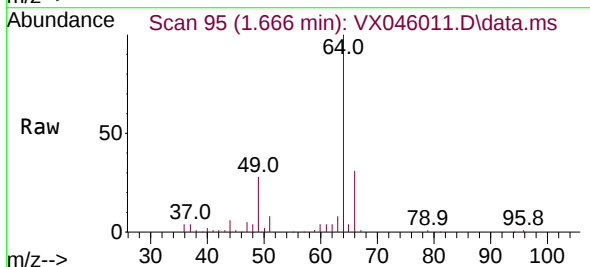
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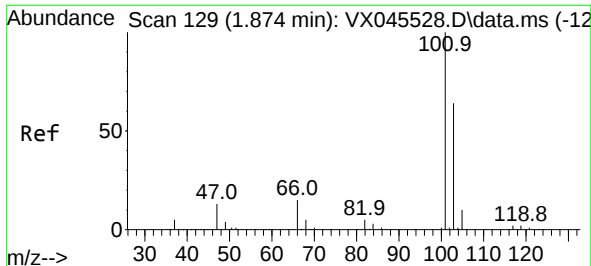
Tgt Ion: 94 Resp: 24271
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2



#6
Chloroethane
Concen: 53.831 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 64 Resp: 30041
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5

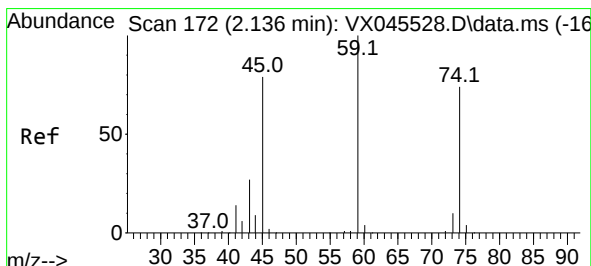
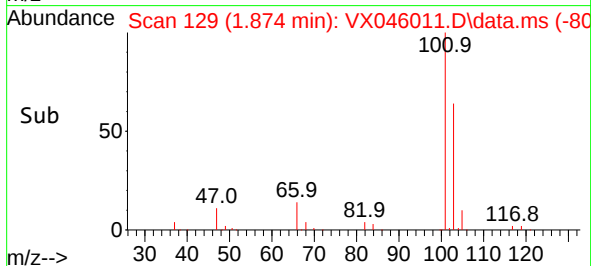
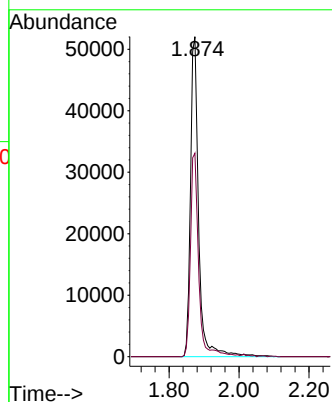
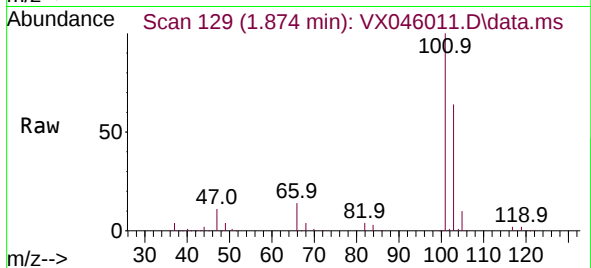




#7
Trichlorofluoromethane
Concen: 53.684 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

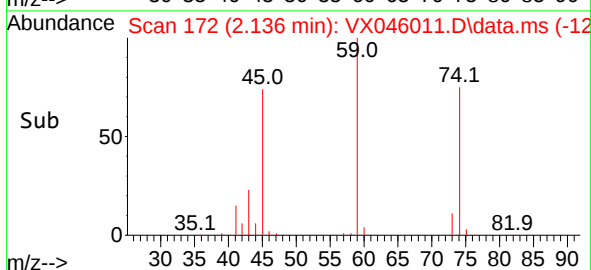
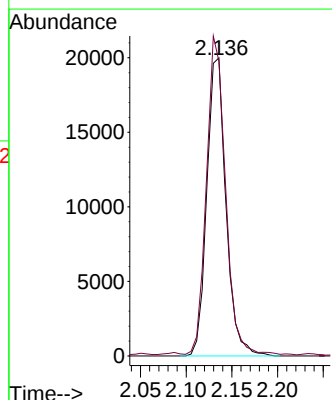
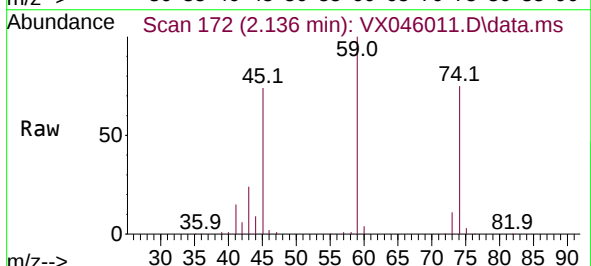
Instrument :
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VSTDCCC050EC

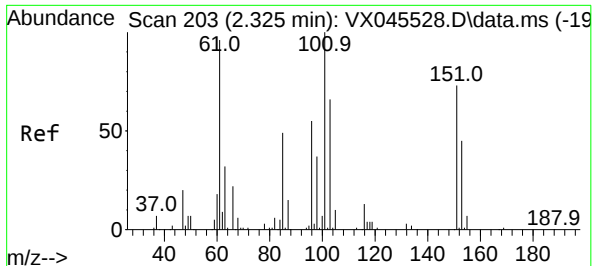
Tgt Ion:101 Resp: 84203
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7



#8
Diethyl Ether
Concen: 55.267 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 74 Resp: 29103
Ion Ratio Lower Upper
74 100
45 106.5 53.0 159.1

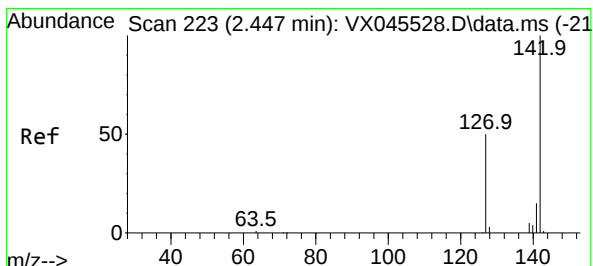
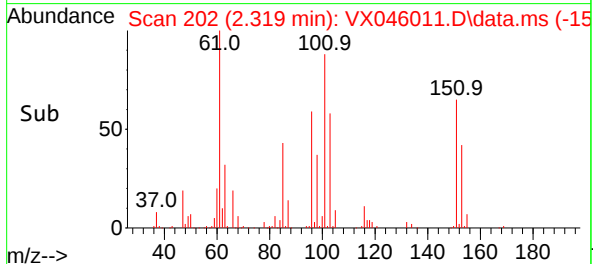
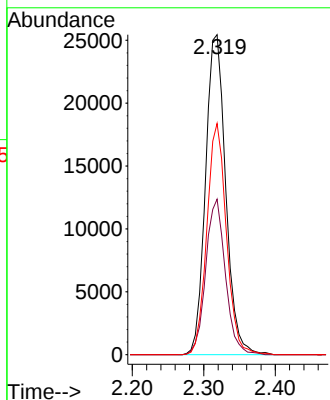
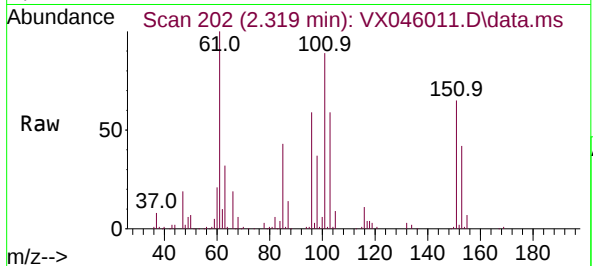




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.342 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
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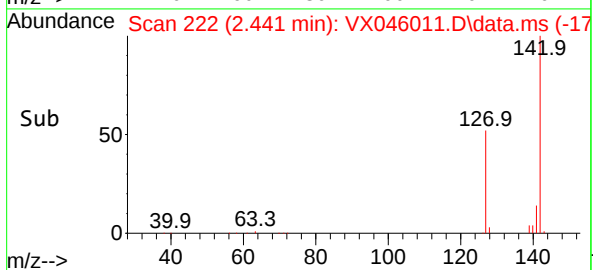
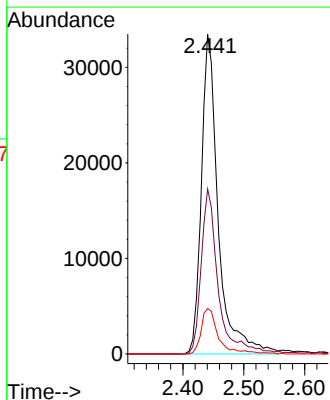
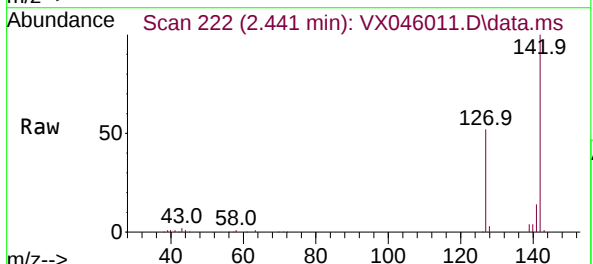
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 49946
Ion Ratio Lower Upper
101 100
85 47.2 38.9 58.3
151 69.9 57.5 86.3



#10
Methyl Iodide
Concen: 56.105 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:142 Resp: 64319
Ion Ratio Lower Upper
142 100
127 52.6 40.2 60.4
141 14.6 11.7 17.5

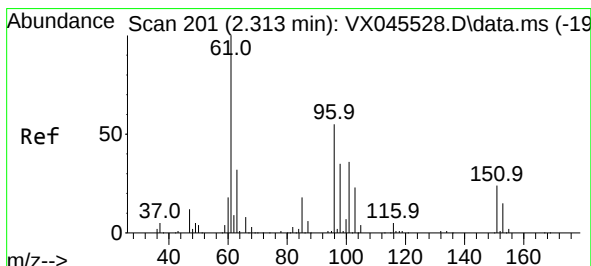
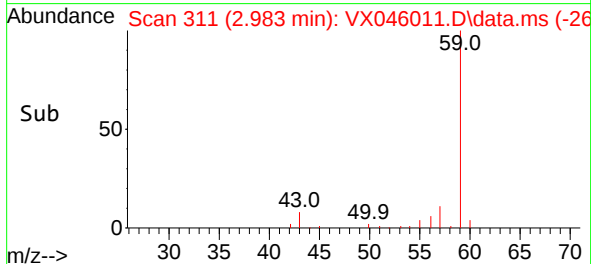
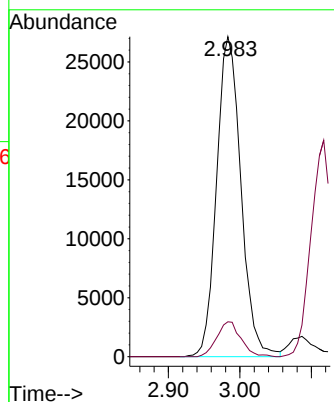
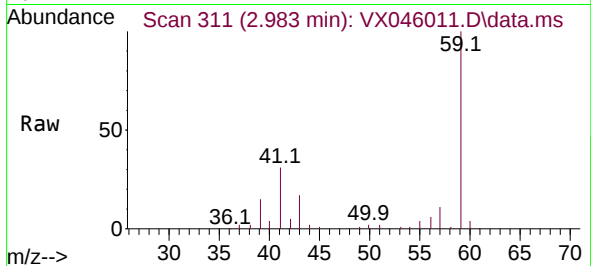




#11
Tert butyl alcohol
Concen: 348.973 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

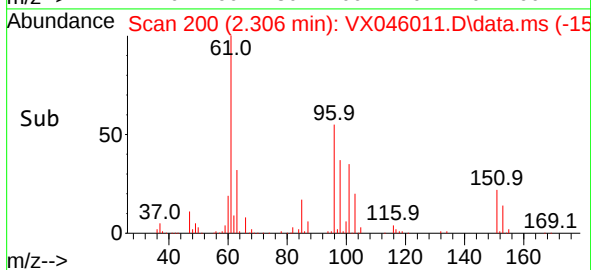
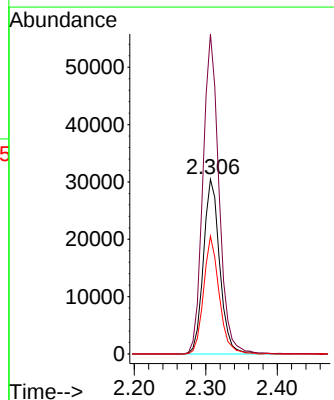
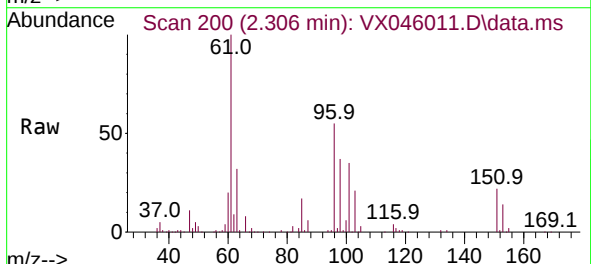
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

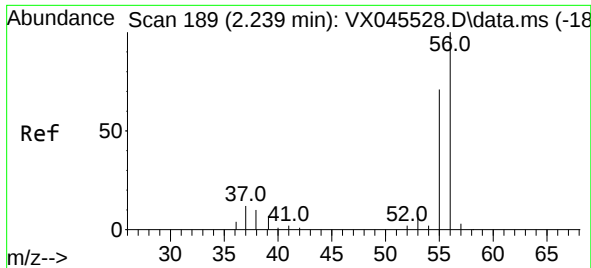
Tgt Ion: 59 Resp: 64161
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 53.718 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 96 Resp: 48243
Ion Ratio Lower Upper
96 100
61 183.2 145.7 218.5
98 67.5 51.6 77.4





#13

Acrolein

Concen: 255.348 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

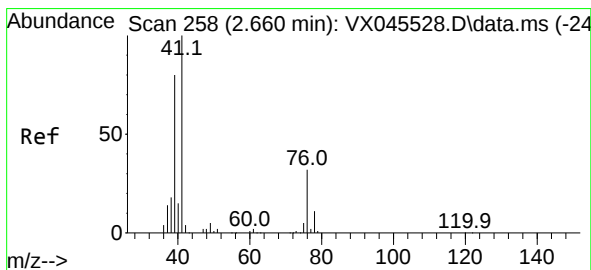
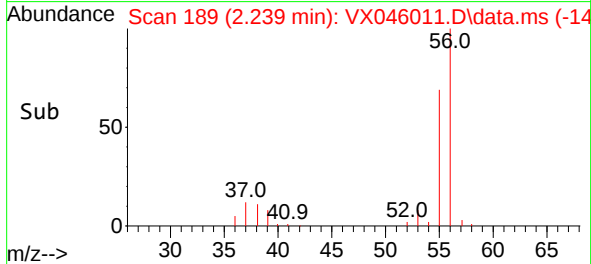
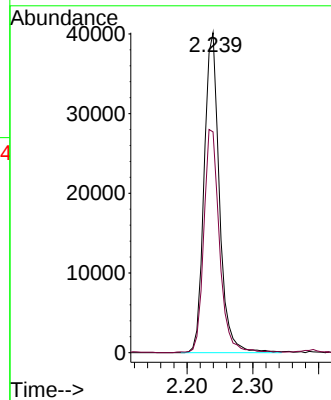
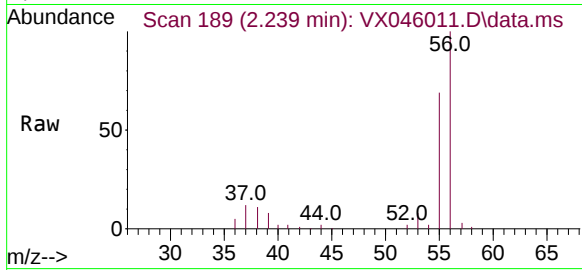
VSTDCCC050EC

Tgt Ion: 56 Resp: 64650

Ion Ratio Lower Upper

56 100

55 71.9 56.2 84.2



#14

Allyl chloride

Concen: 56.508 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

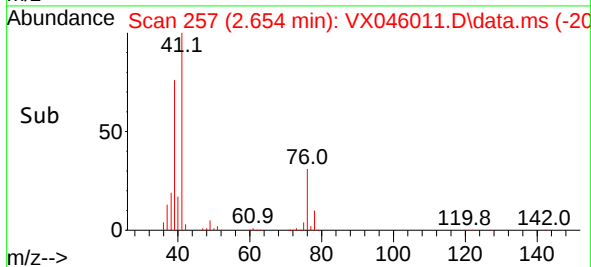
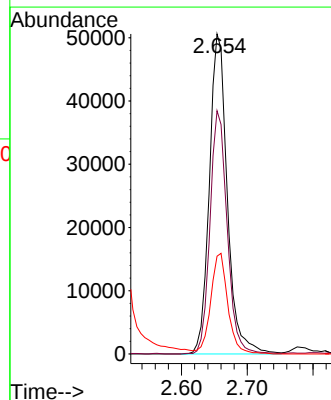
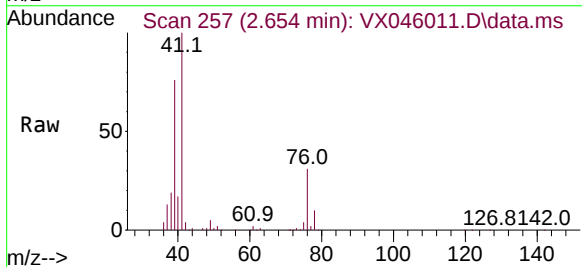
Tgt Ion: 41 Resp: 96290

Ion Ratio Lower Upper

41 100

39 72.7 60.2 90.2

76 30.0 24.6 36.8

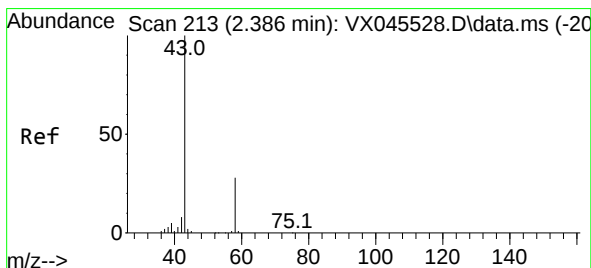
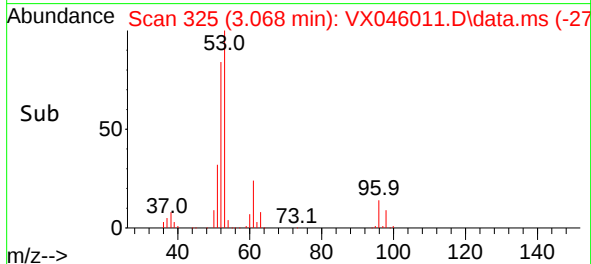
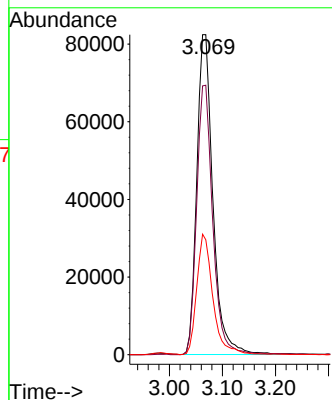
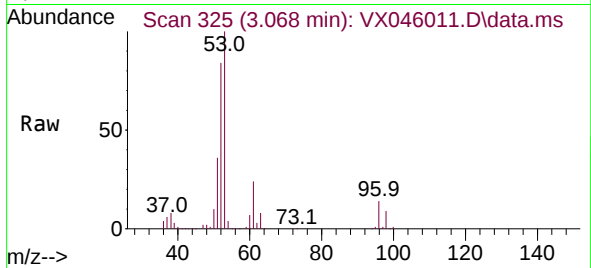




#15
Acrylonitrile
Concen: 299.954 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

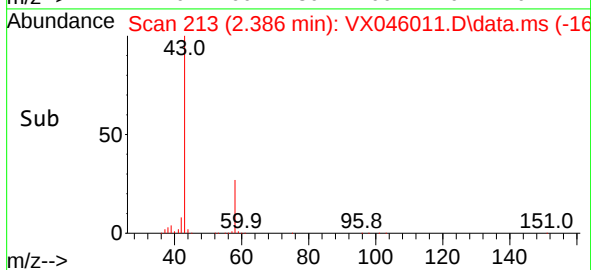
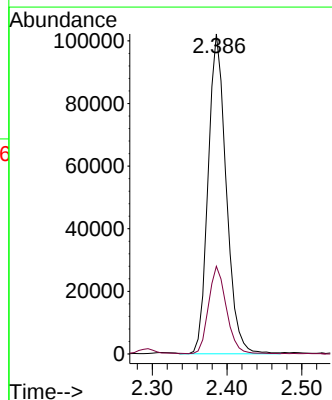
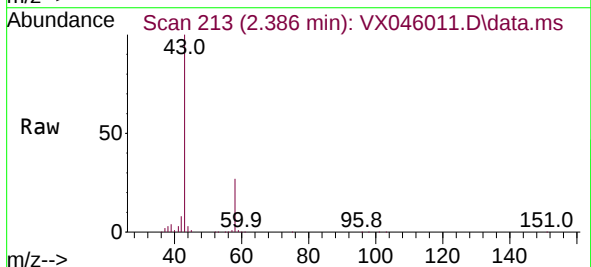
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

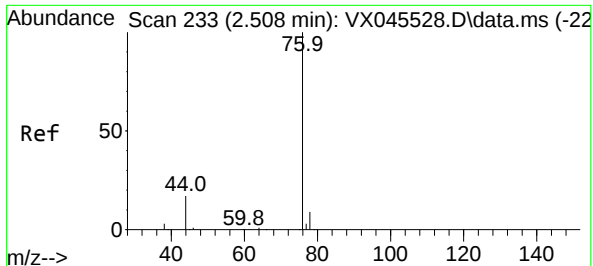
Tgt Ion: 53 Resp: 174084
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 37.9 29.9 44.9



#16
Acetone
Concen: 305.320 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 43 Resp: 171518
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

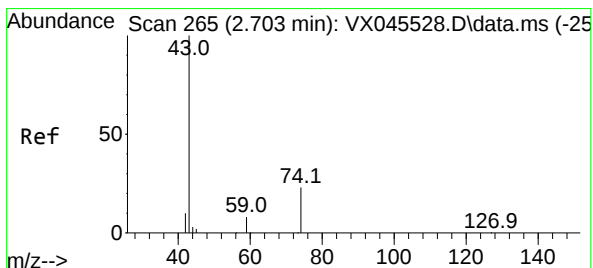
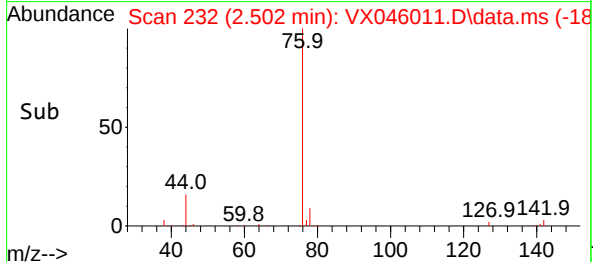
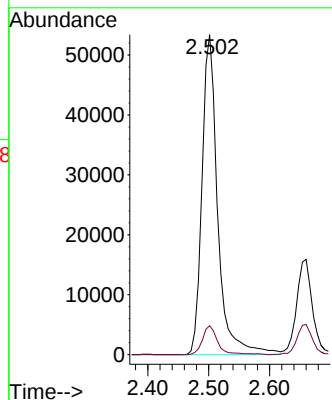
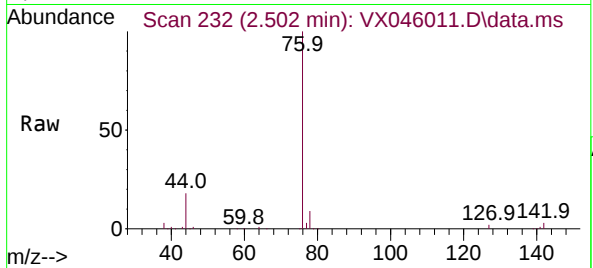




#17
Carbon Disulfide
Concen: 43.183 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

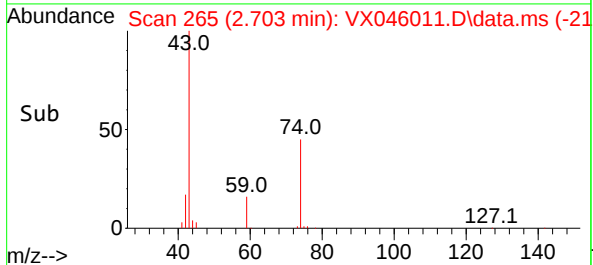
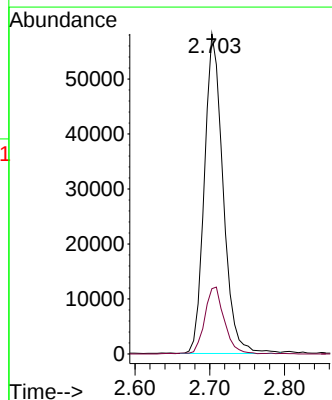
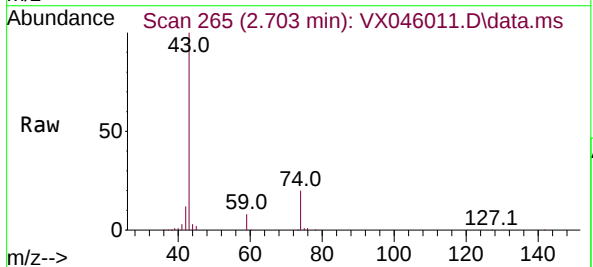
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

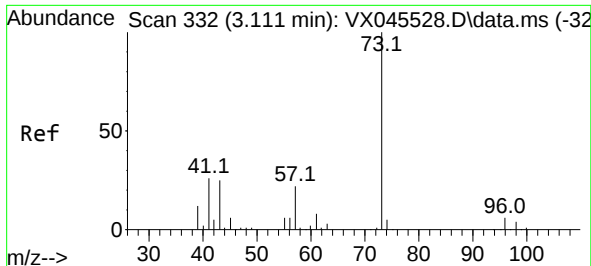
Tgt Ion: 76 Resp: 95784
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 78.068 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 43 Resp: 100972
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

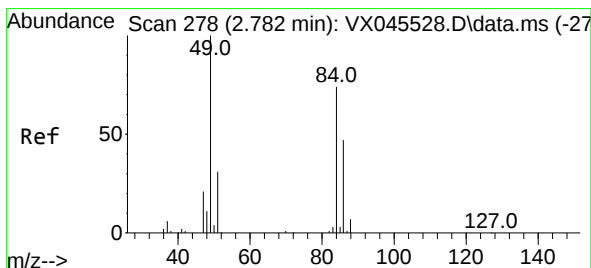
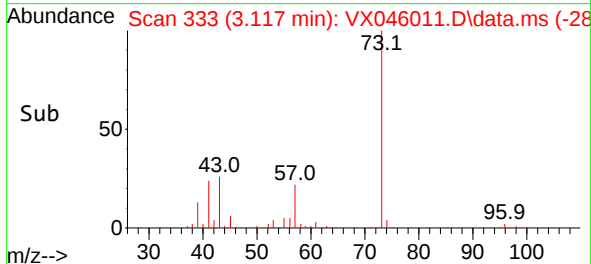
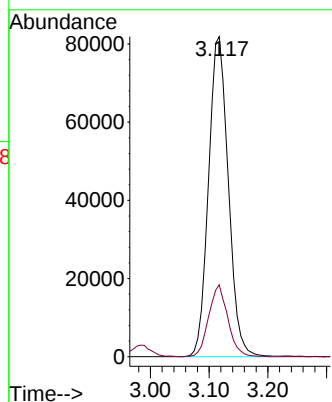
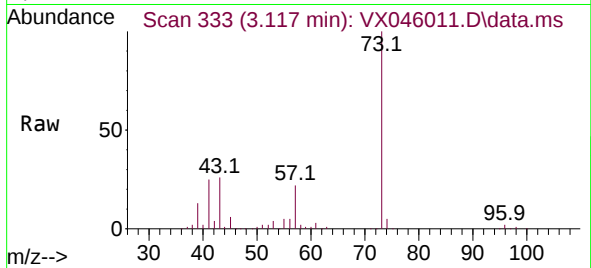




#19
Methyl tert-butyl Ether
Concen: 61.001 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

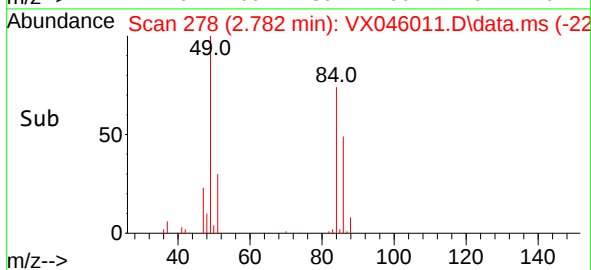
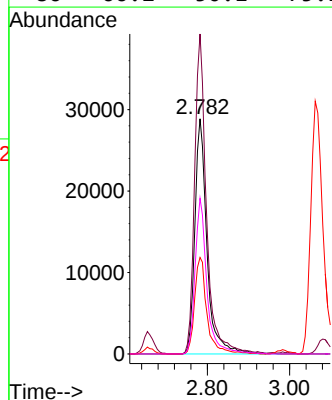
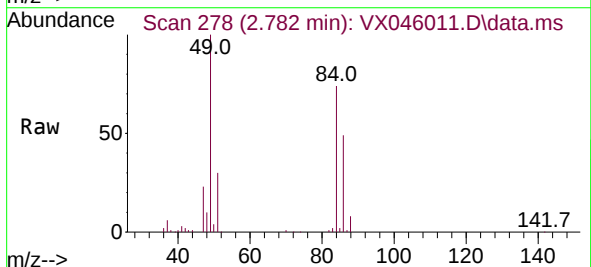
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 191643
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 56.490 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 84 Resp: 59410
Ion Ratio Lower Upper
84 100
49 136.0 107.5 161.3
51 41.0 33.0 49.6
86 66.2 50.1 75.1

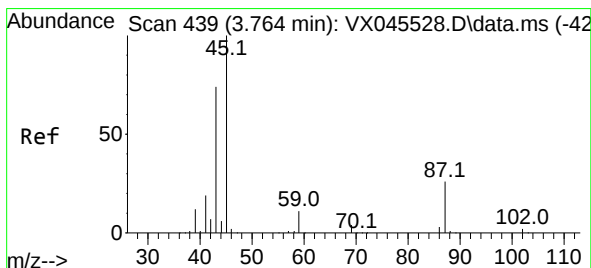
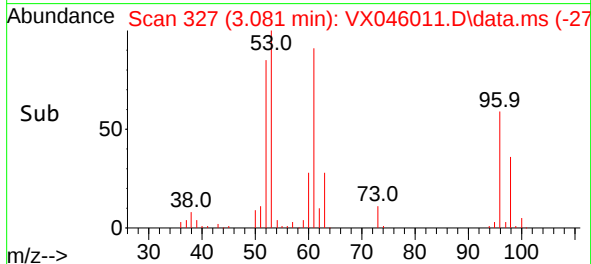
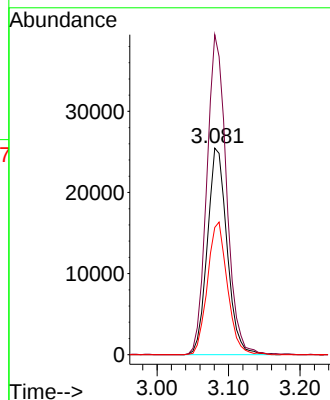
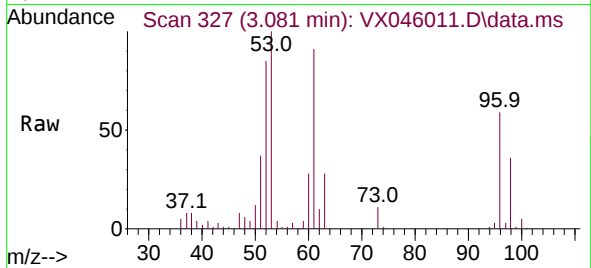




#21
trans-1,2-Dichloroethene
Concen: 53.173 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

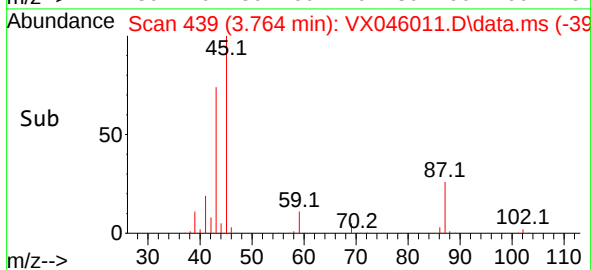
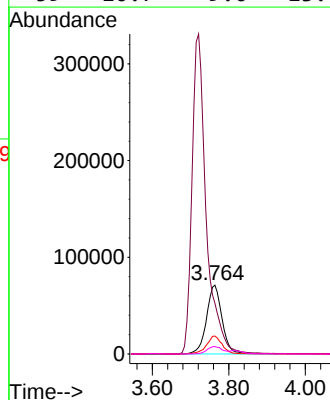
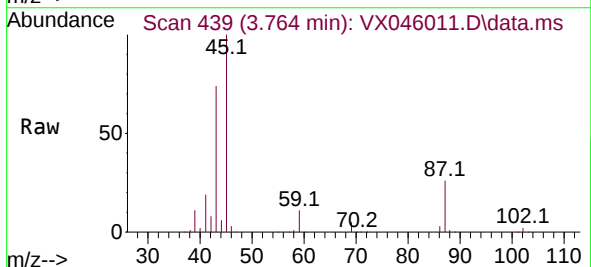
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

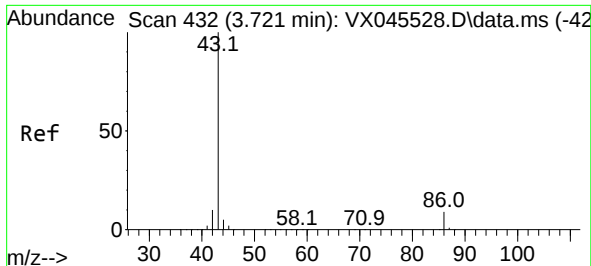
Tgt Ion: 96 Resp: 48787
Ion Ratio Lower Upper
96 100
61 154.9 121.0 181.6
98 61.6 49.7 74.5



#22
Diisopropyl ether
Concen: 59.716 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 45 Resp: 200445
Ion Ratio Lower Upper
45 100
43 73.3 59.3 88.9
87 26.1 20.4 30.6
59 10.7 9.0 13.6

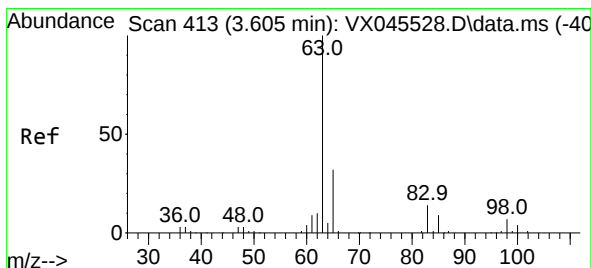
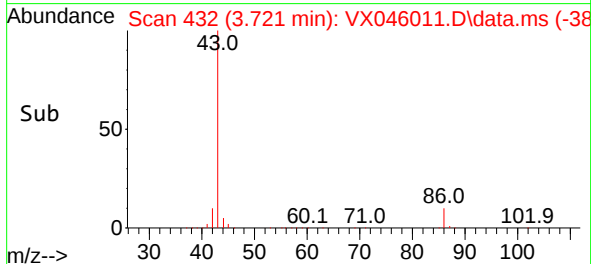
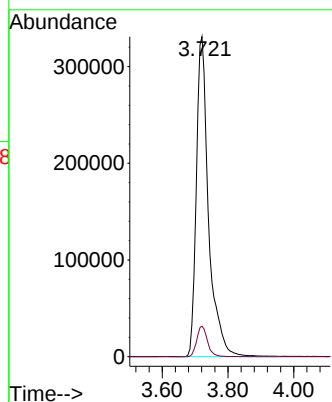
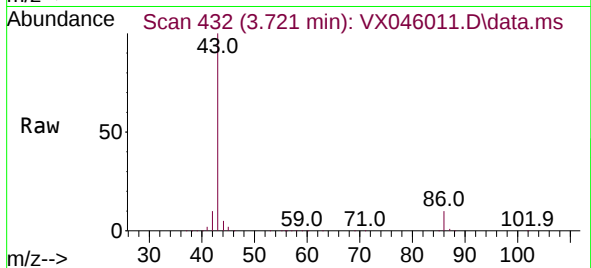




#23
Vinyl Acetate
Concen: 295.305 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

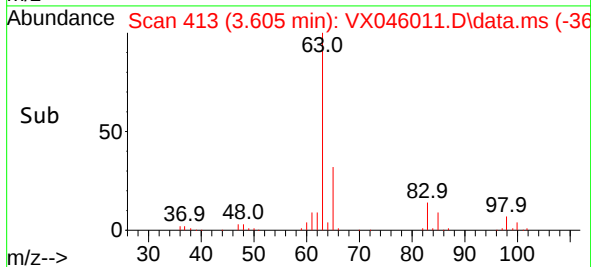
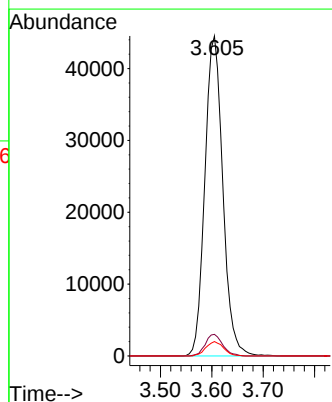
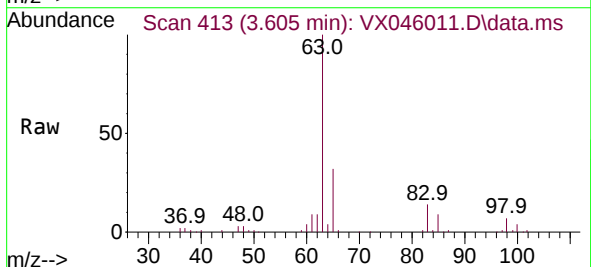
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

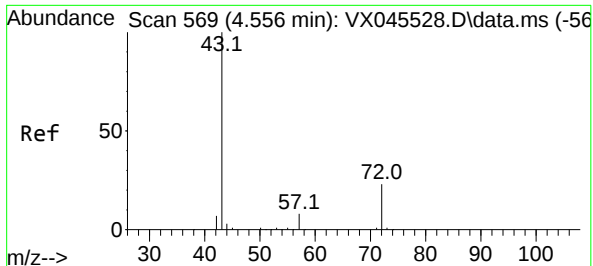
Tgt Ion: 43 Resp: 856416
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3



#24
1,1-Dichloroethane
Concen: 56.959 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 63 Resp: 108125
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 4.5 2.2 6.6

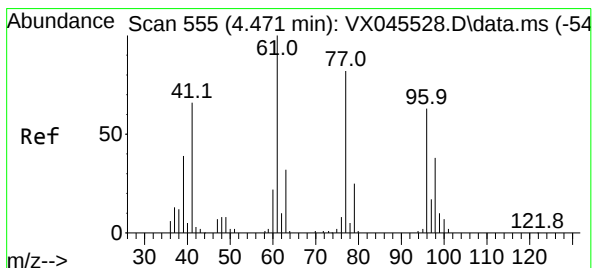
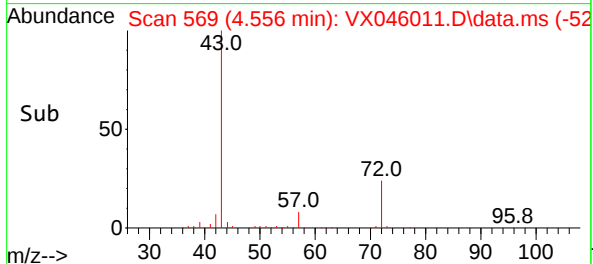
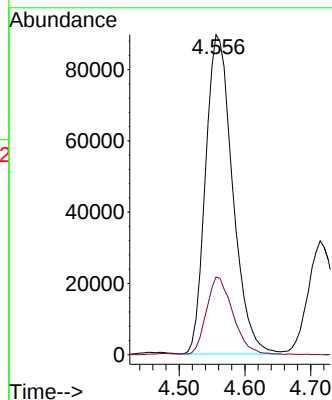
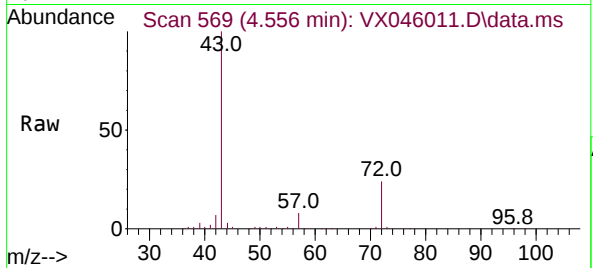




#25
2-Butanone
Concen: 311.885 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

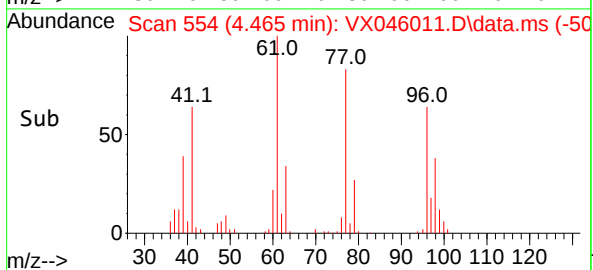
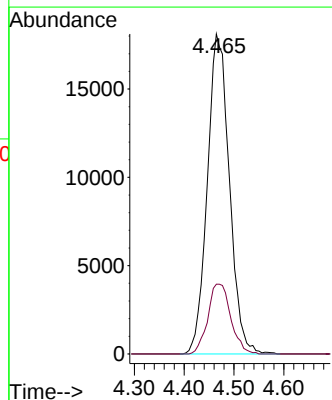
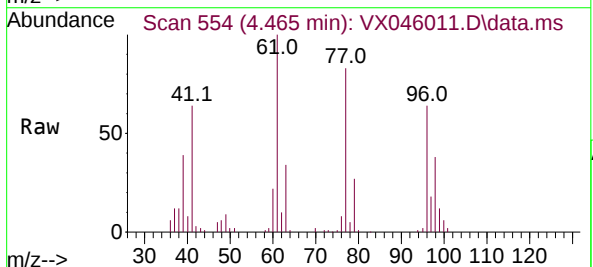
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 256466
Ion Ratio Lower Upper
43 100
72 24.2 18.6 28.0



#26
2,2-Dichloropropane
Concen: 45.321 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 77 Resp: 55585
Ion Ratio Lower Upper
77 100
97 22.7 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 56.123 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

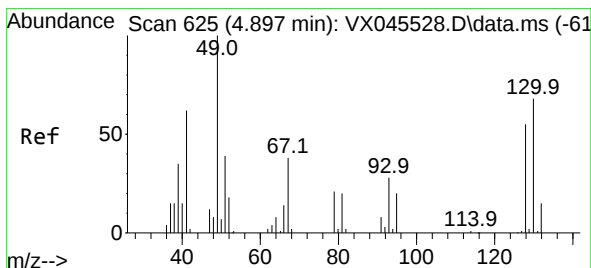
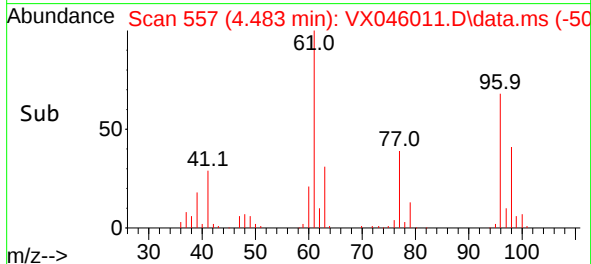
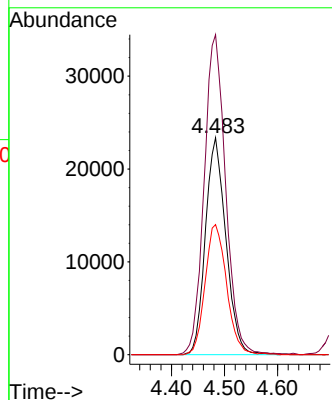
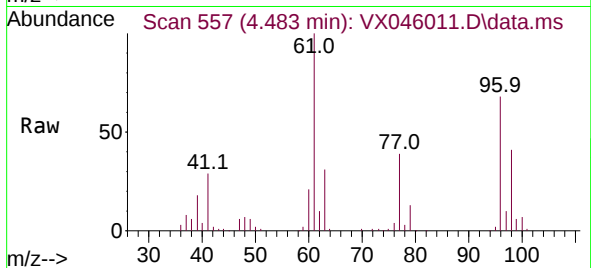
Tgt Ion: 96 Resp: 62736

Ion Ratio Lower Upper

96 100

61 154.9 0.0 313.2

98 62.9 0.0 126.4



#28

Bromochloromethane

Concen: 50.661 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

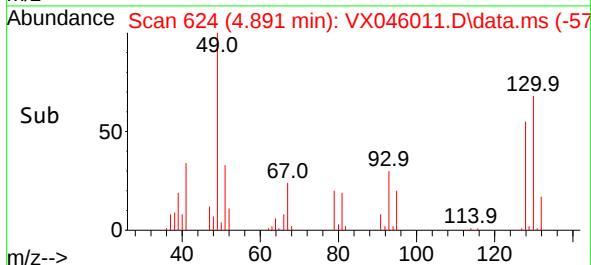
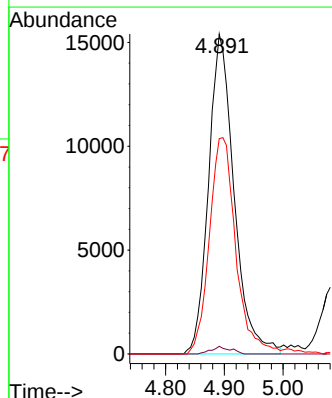
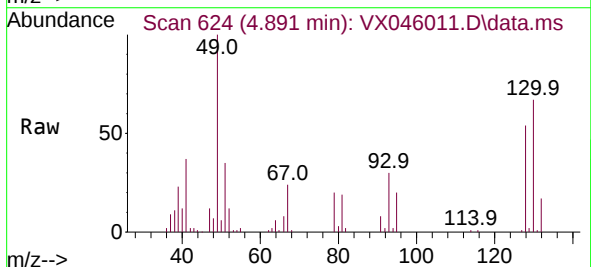
Tgt Ion: 49 Resp: 46474

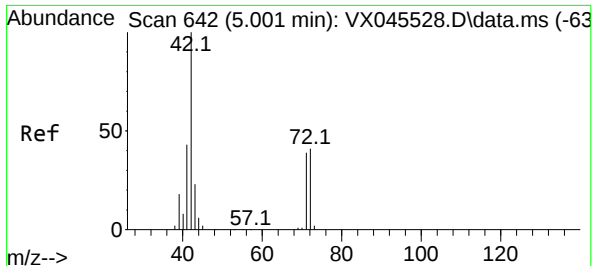
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.8 54.6 81.8





#29

Tetrahydrofuran

Concen: 305.207 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

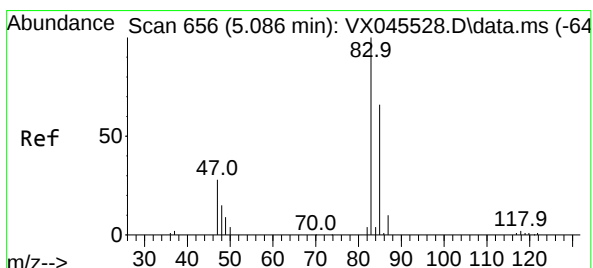
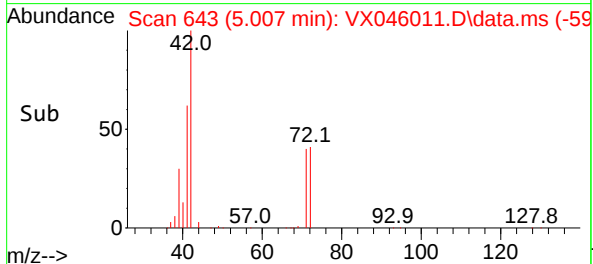
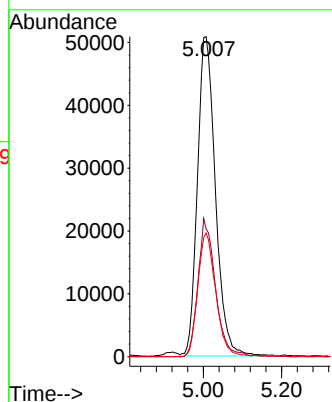
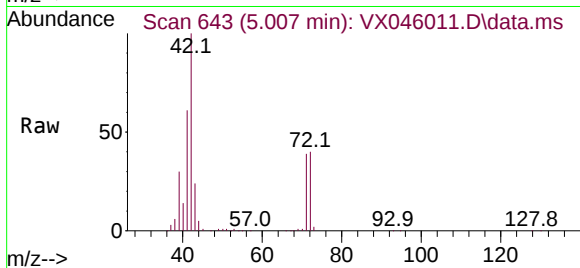
Tgt Ion: 42 Resp: 162715

Ion Ratio Lower Upper

42 100

72 41.8 33.4 50.0

71 38.5 31.4 47.0



#30

Chloroform

Concen: 57.978 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX046011.D

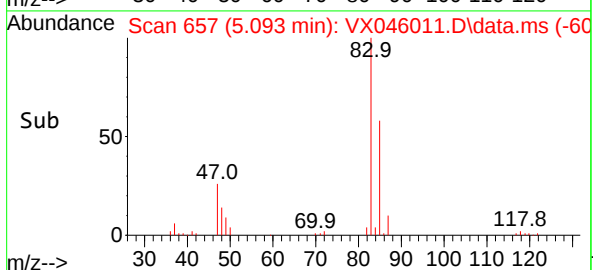
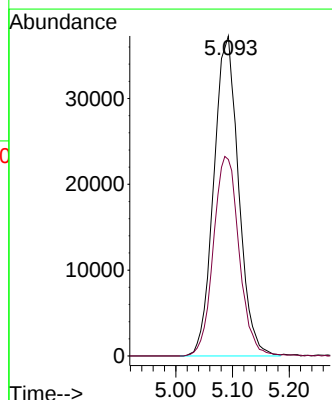
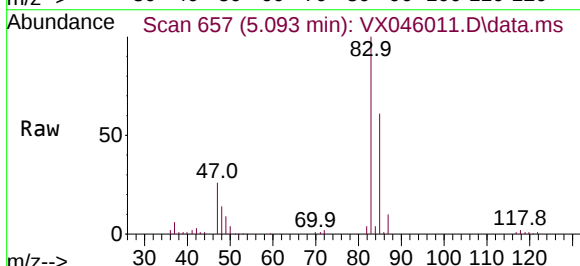
Acq: 30 Apr 2025 20:21

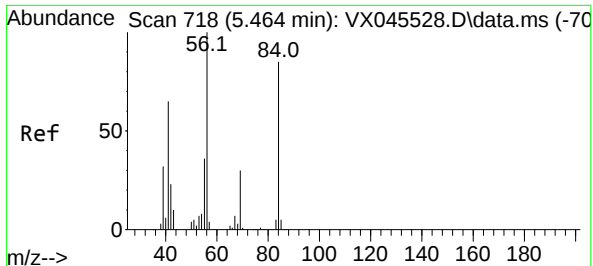
Tgt Ion: 83 Resp: 113248

Ion Ratio Lower Upper

83 100

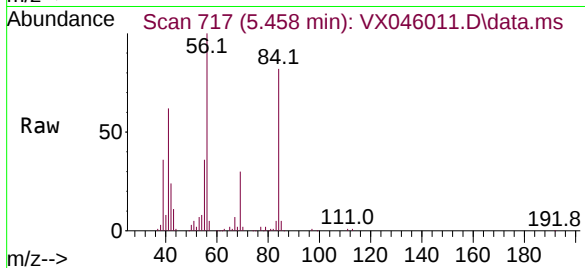
85 61.4 52.8 79.2



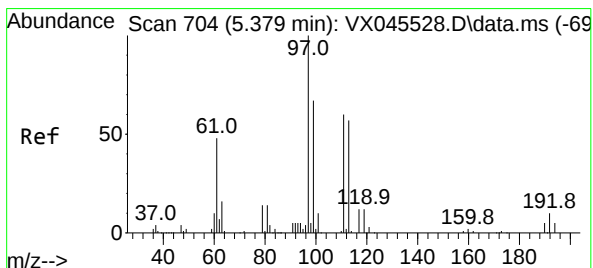
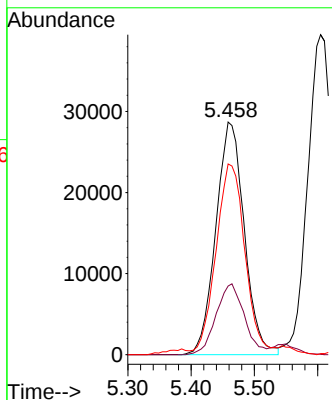
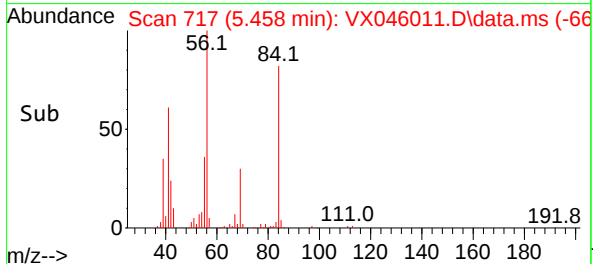


#31
Cyclohexane
Concen: 53.341 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

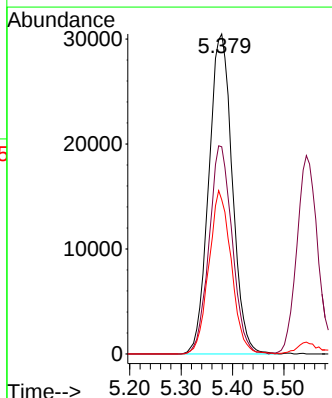
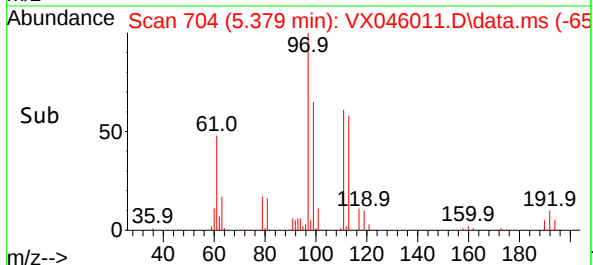
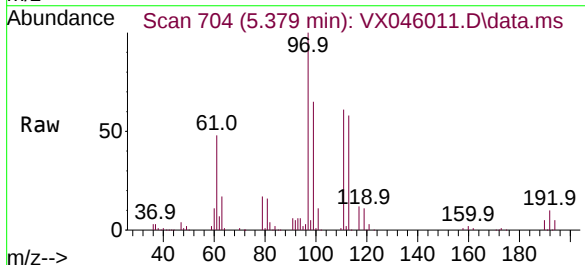


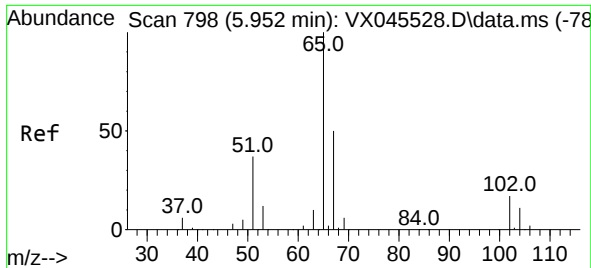
Tgt Ion: 56 Resp: 89517
Ion Ratio Lower Upper
56 100
69 29.5 23.6 35.4
84 80.2 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 58.494 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 97 Resp: 96680
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 48.8 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 55.584 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

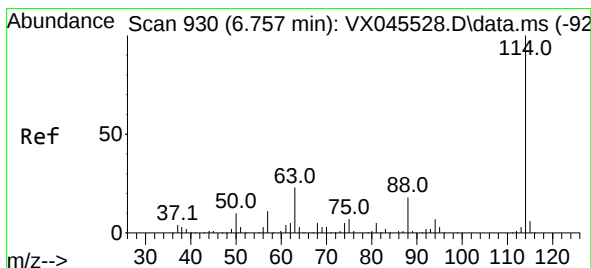
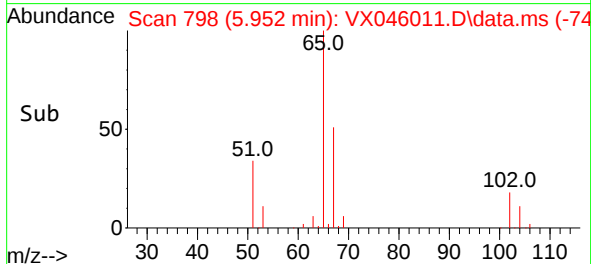
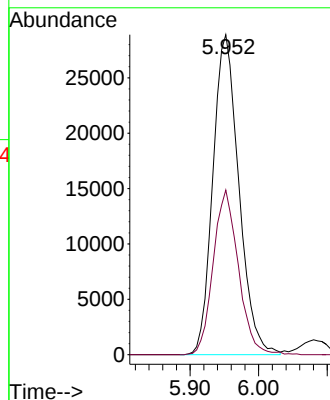
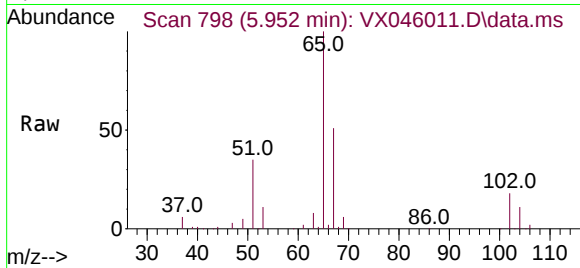
VSTDCCC050EC

Tgt Ion: 65 Resp: 76043

Ion Ratio Lower Upper

65 100

67 49.9 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: VX046011.D

Acq: 30 Apr 2025 20:21

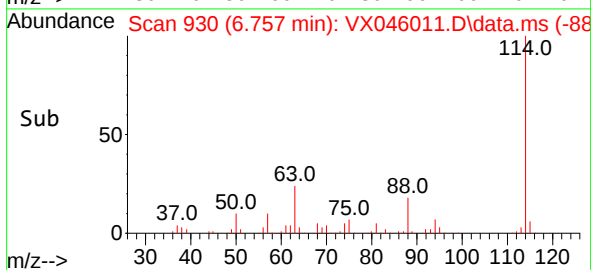
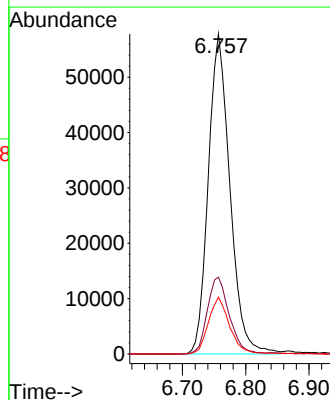
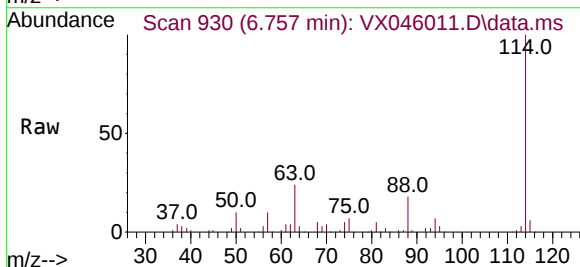
Tgt Ion: 114 Resp: 137335

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 54.598 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

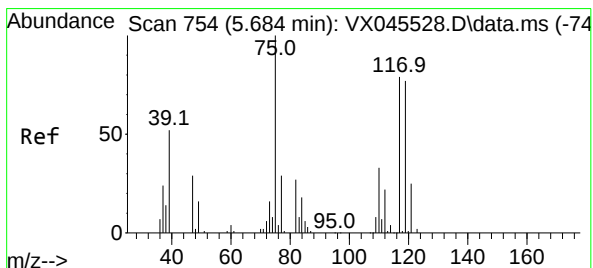
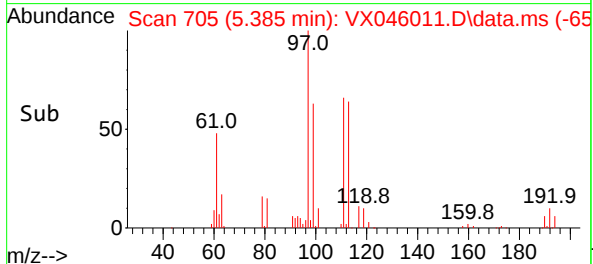
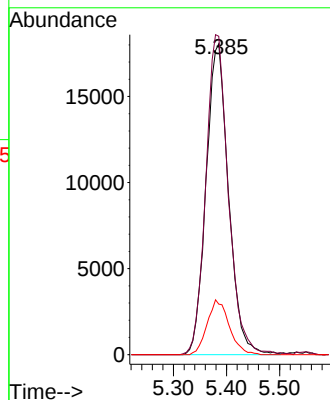
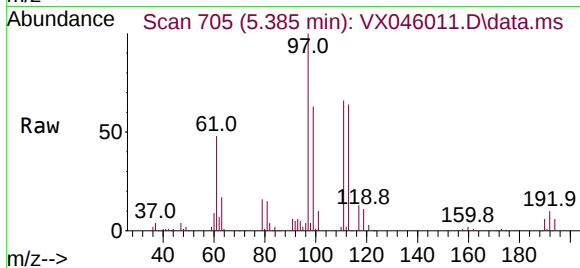
Tgt Ion:113 Resp: 53200

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 17.3 13.8 20.6



#36

1,1-Dichloropropene

Concen: 53.184 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

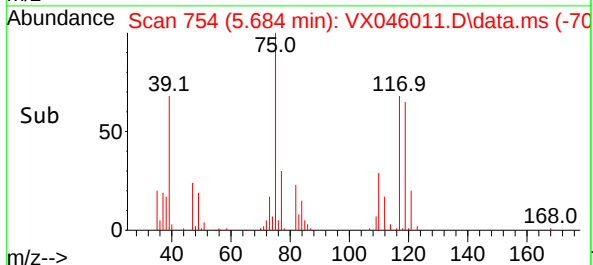
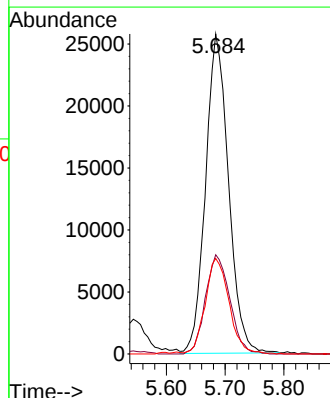
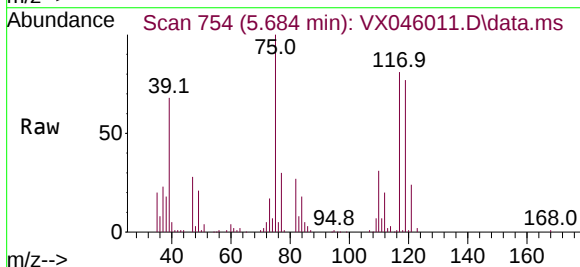
Tgt Ion: 75 Resp: 69970

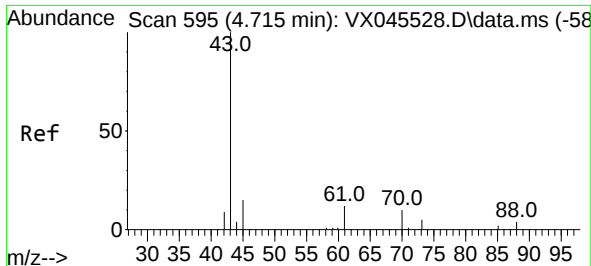
Ion Ratio Lower Upper

75 100

110 32.9 16.9 50.6

77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 56.099 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

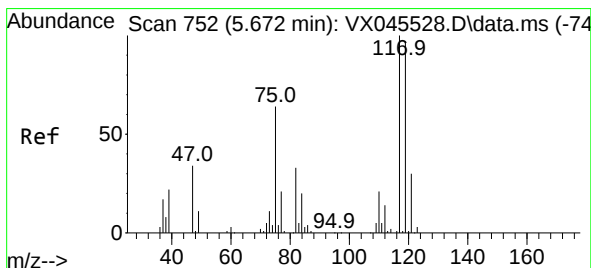
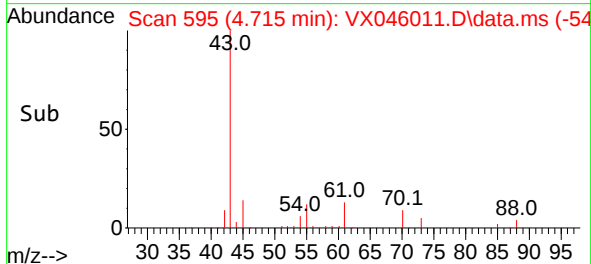
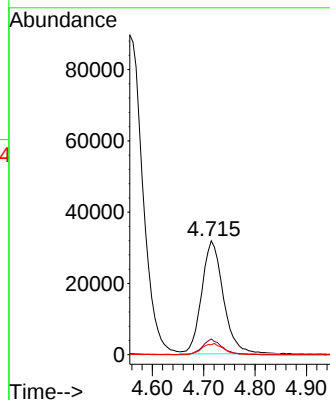
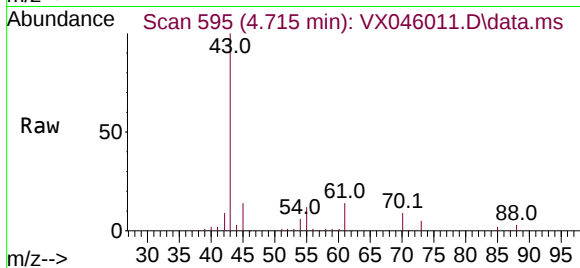
Tgt Ion: 43 Resp: 93009

Ion Ratio Lower Upper

43 100

61 12.6 9.9 14.9

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 56.241 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

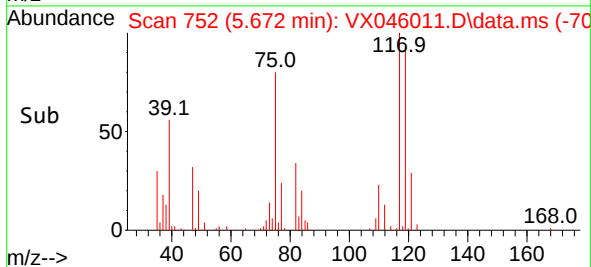
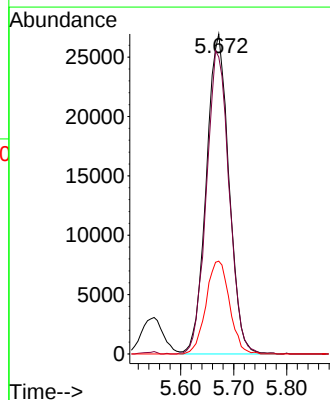
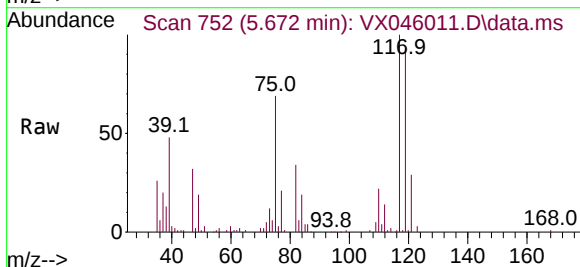
Tgt Ion: 117 Resp: 79968

Ion Ratio Lower Upper

117 100

119 92.8 76.9 115.3

121 29.0 24.2 36.2

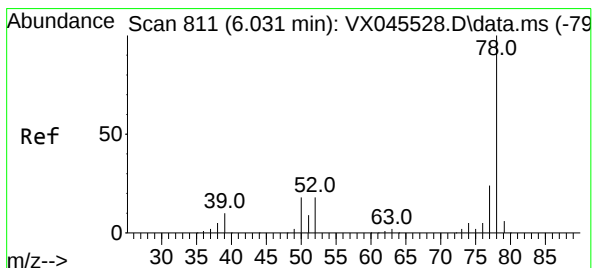
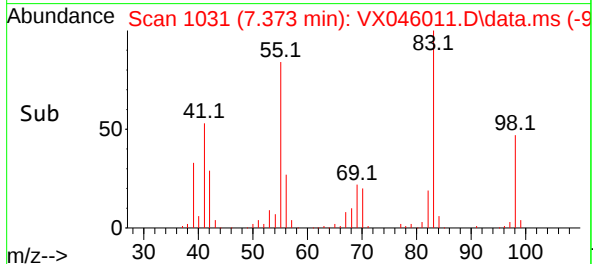
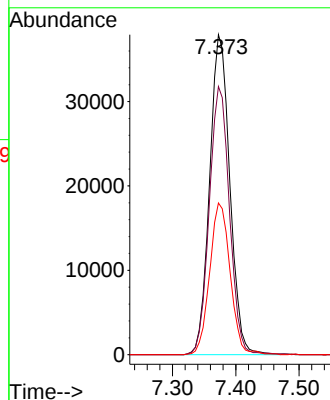
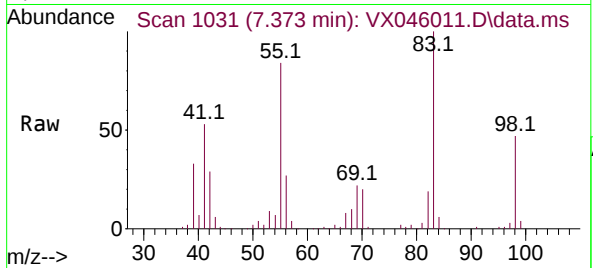




#39
Methylcyclohexane
Concen: 52.244 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

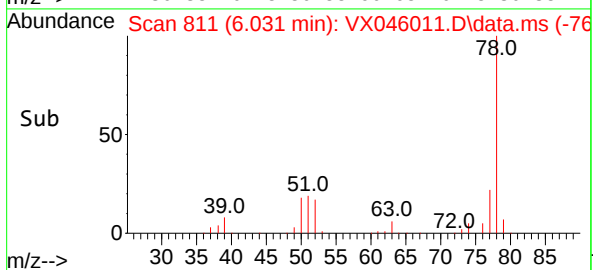
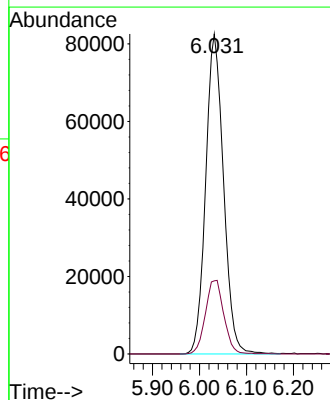
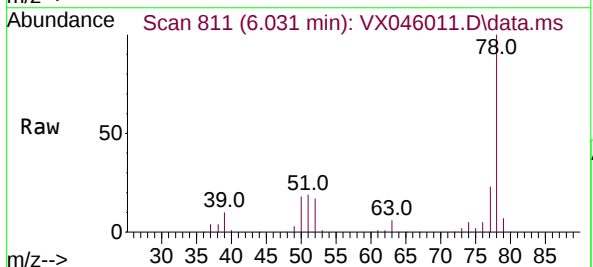
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83	Resp: 84254
Ion Ratio	Lower Upper
83 100	
55 83.8	64.9 97.3
98 47.4	37.4 56.0



#40
Benzene
Concen: 53.970 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 78	Resp: 216855
Ion Ratio	Lower Upper
78 100	
77 22.9	19.0 28.6



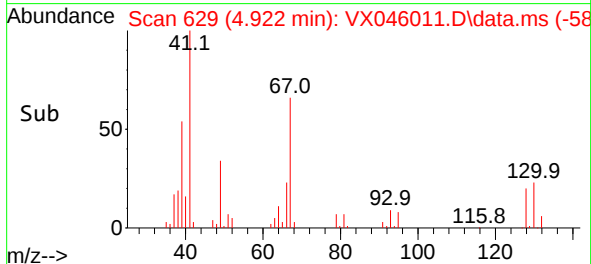
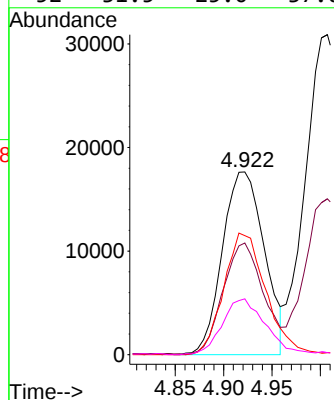
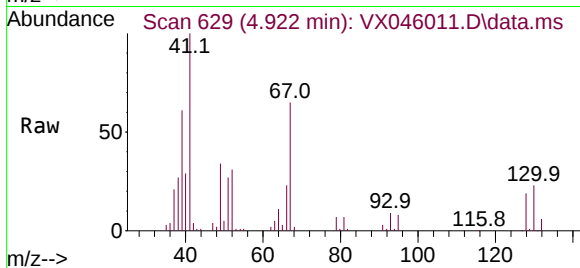


#41
Methacrylonitrile
Concen: 60.907 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 53281

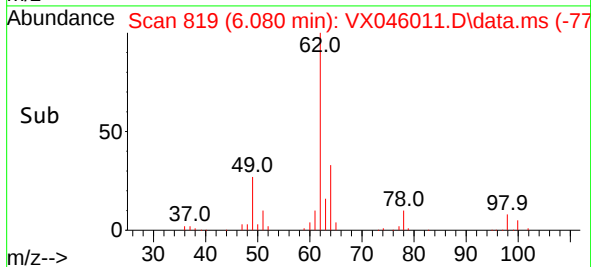
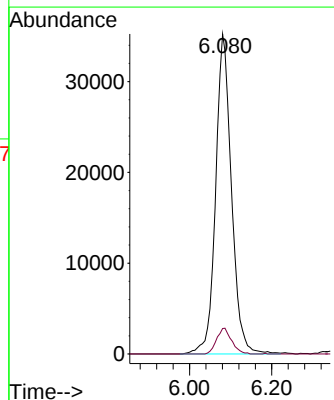
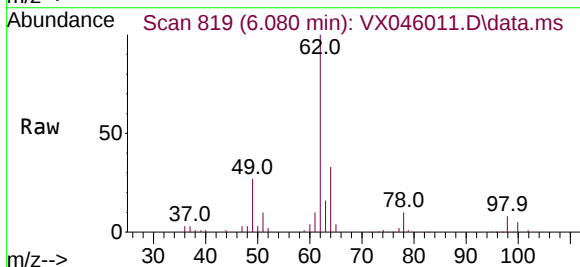
Ion	Ratio	Lower	Upper
41	100		
39	58.5	47.0	70.6
67	67.0	53.2	79.8
52	31.5	25.0	37.6

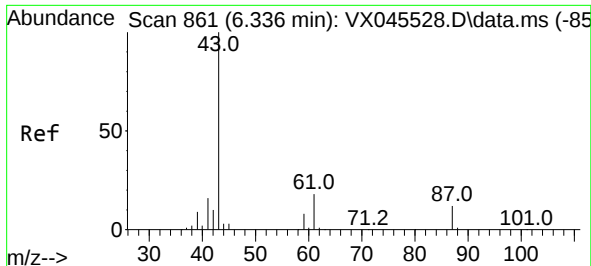


#42
1,2-Dichloroethane
Concen: 56.849 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 62 Resp: 94345

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2

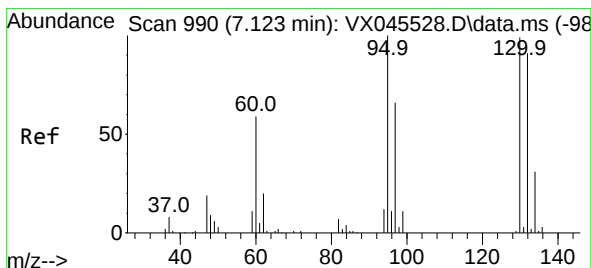
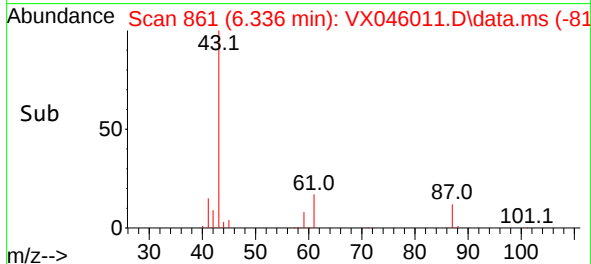
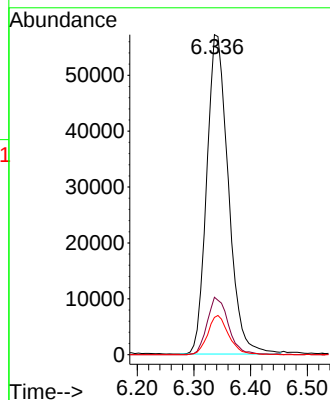
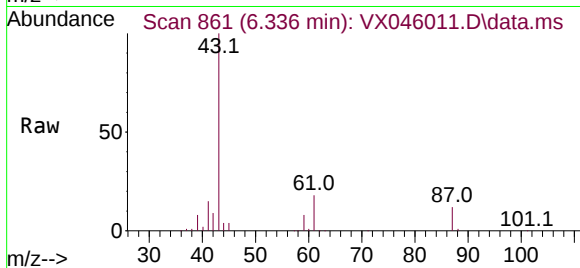




#43
Isopropyl Acetate
Concen: 60.377 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

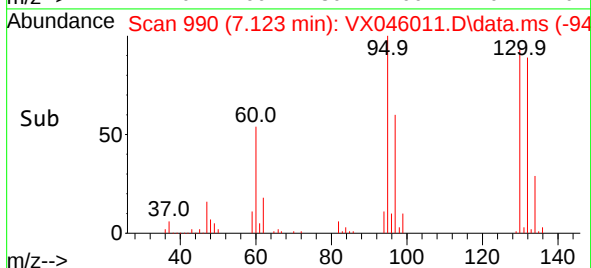
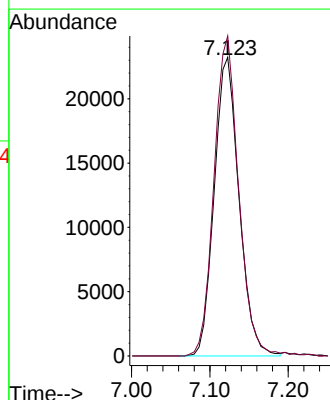
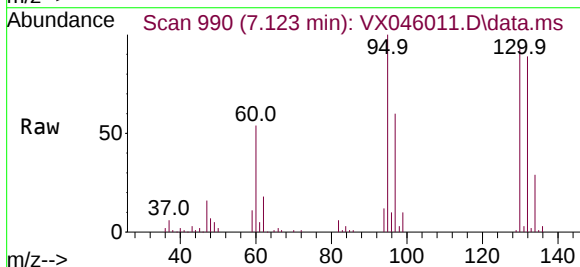
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 151720
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 11.8 9.2 13.8



#44
Trichloroethene
Concen: 53.495 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:130 Resp: 51089
Ion Ratio Lower Upper
130 100
95 107.1 0.0 202.0





#45

1,2-Dichloropropane

Concen: 56.951 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

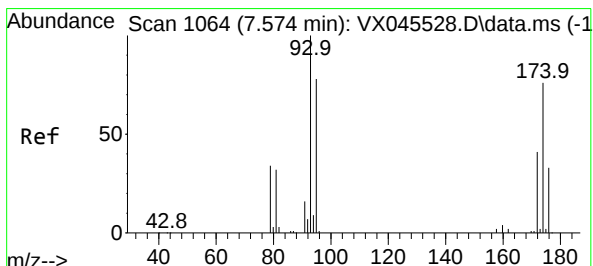
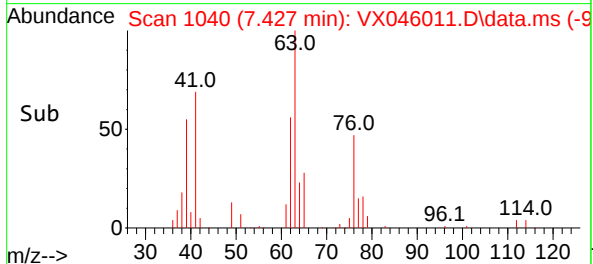
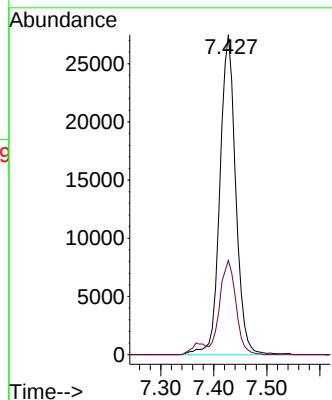
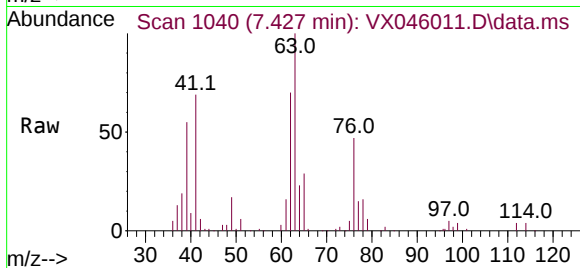
VSTDCCC050EC

Tgt Ion: 63 Resp: 57096

Ion Ratio Lower Upper

63 100

65 29.4 25.8 38.6



#46

Dibromomethane

Concen: 55.805 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

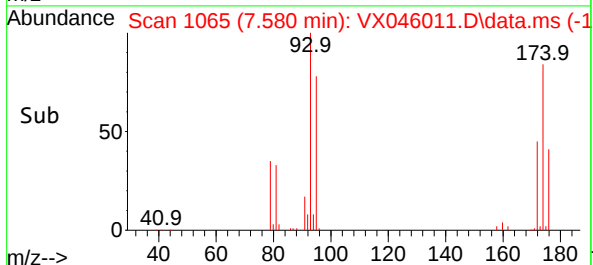
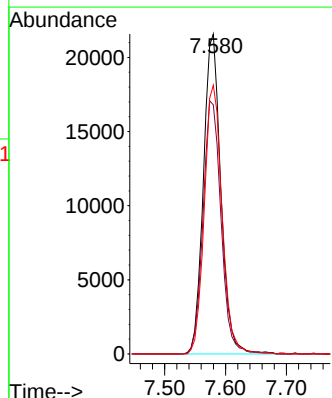
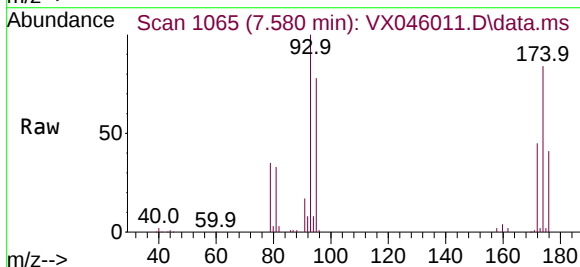
Tgt Ion: 93 Resp: 42947

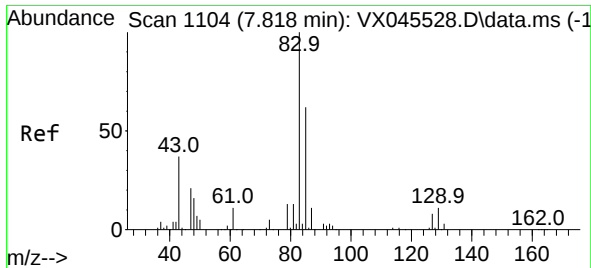
Ion Ratio Lower Upper

93 100

95 81.6 64.8 97.2

174 85.8 65.4 98.0

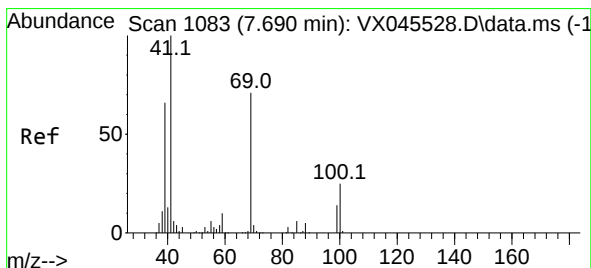
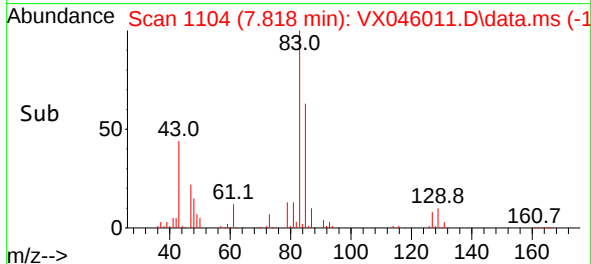
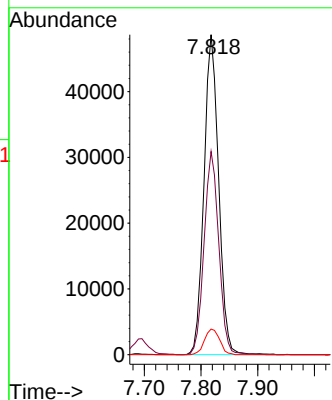
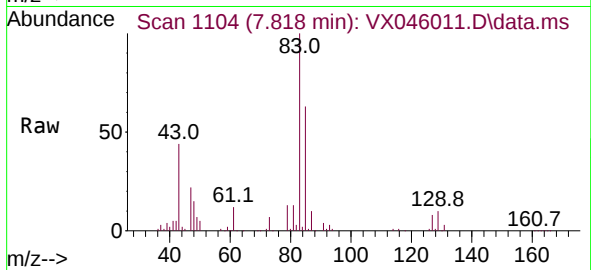




#47
Bromodichloromethane
Concen: 56.822 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

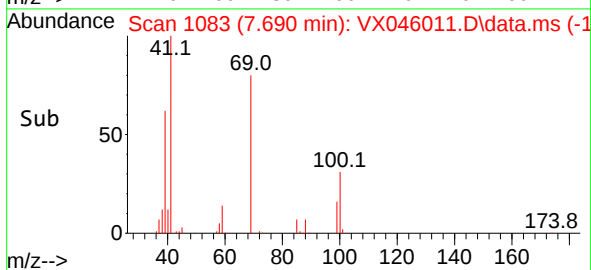
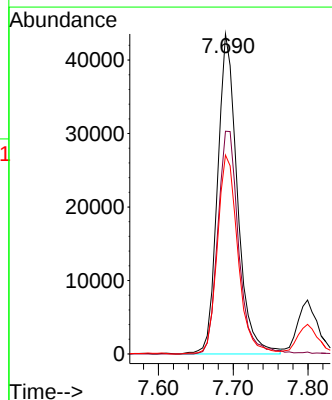
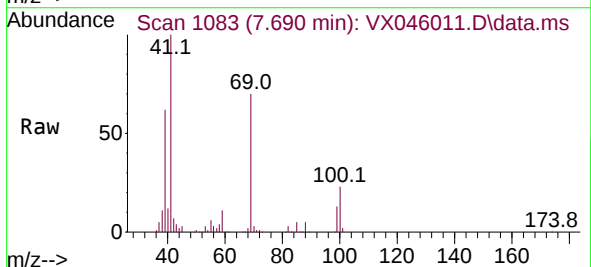
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

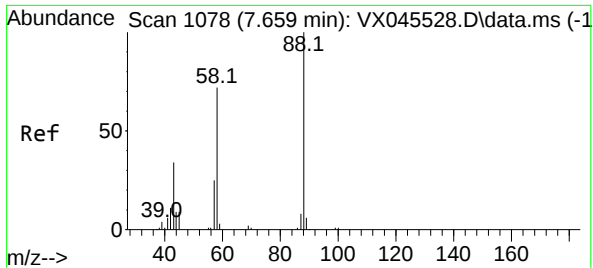
Tgt Ion: 83 Resp: 87331
Ion Ratio Lower Upper
83 100
85 63.5 49.7 74.5
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 62.086 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 41 Resp: 80552
Ion Ratio Lower Upper
41 100
69 73.3 58.2 87.2
39 64.5 53.6 80.4

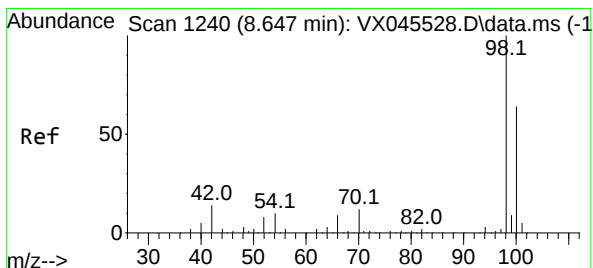
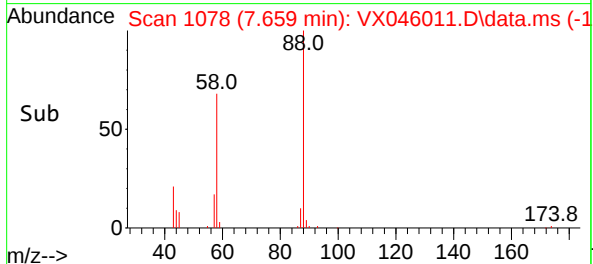
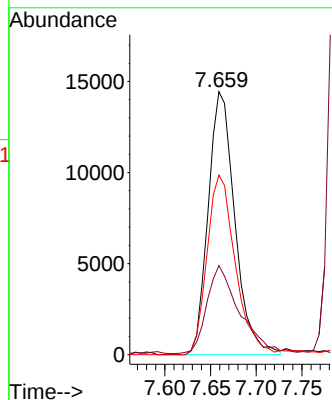
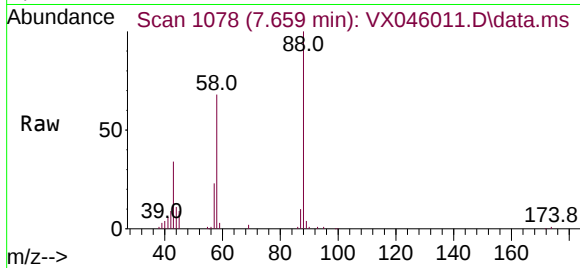




#49
1,4-Dioxane
Concen: 1247.379 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

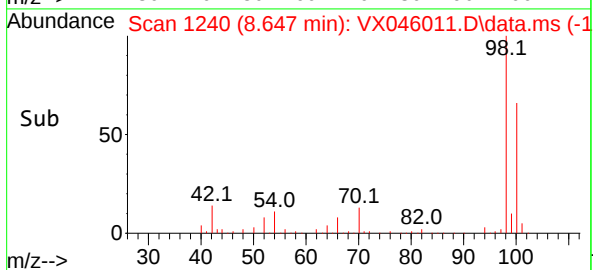
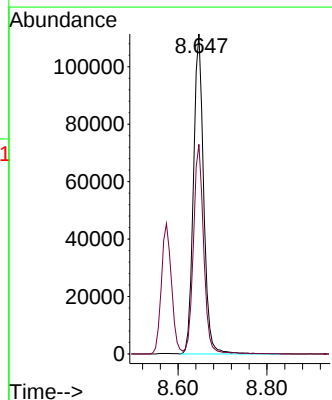
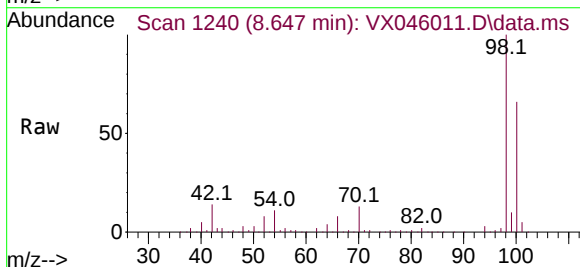
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	88	Resp	29281
Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.2	48.4
58	72.5	58.6	88.0



#50
Toluene-d8
Concen: 51.997 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion	98	Resp	176843
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

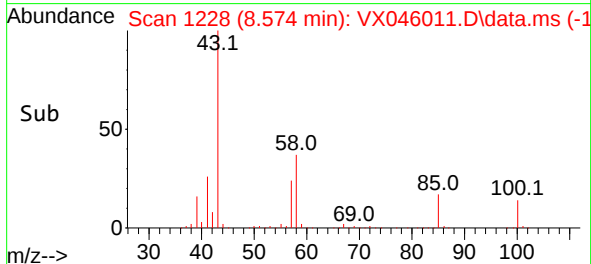
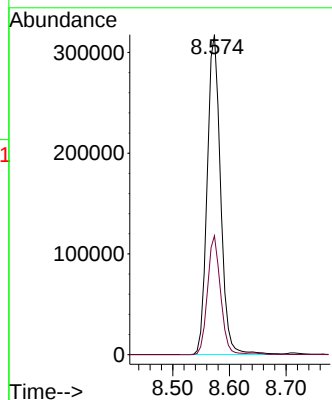
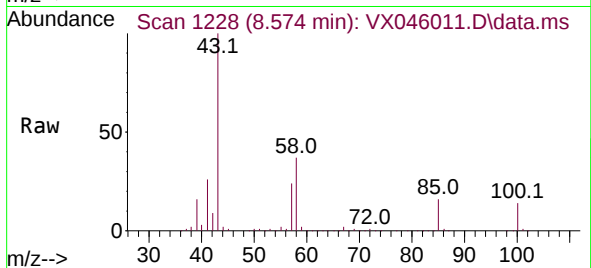




#51
4-Methyl-2-Pentanone
Concen: 312.117 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

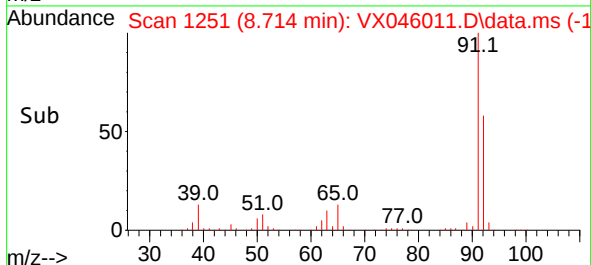
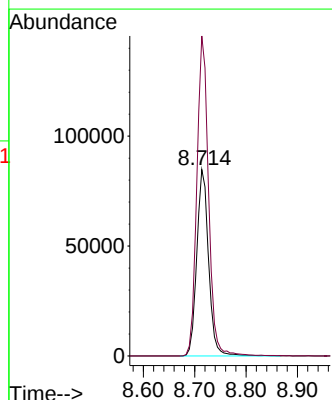
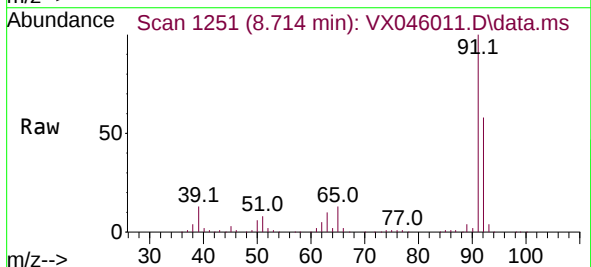
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 519931
Ion Ratio Lower Upper
43 100
58 36.1 28.5 42.7



#52
Toluene
Concen: 55.815 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 92 Resp: 135705
Ion Ratio Lower Upper
92 100
91 170.1 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 50.881 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

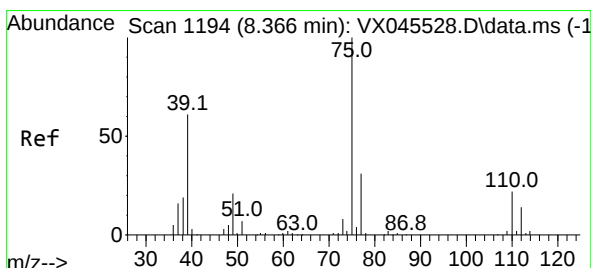
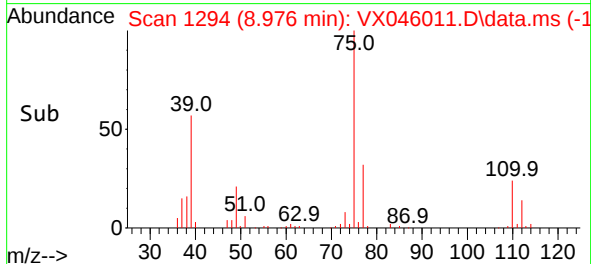
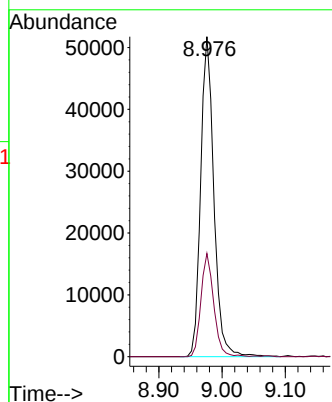
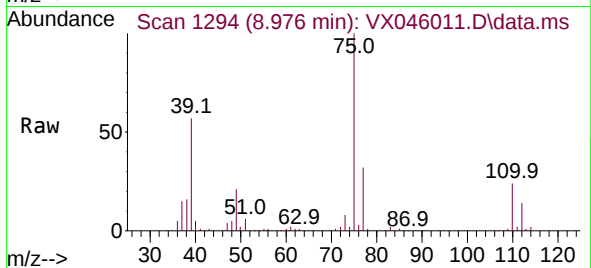
VSTDCCC050EC

Tgt Ion: 75 Resp: 75263

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 57.135 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

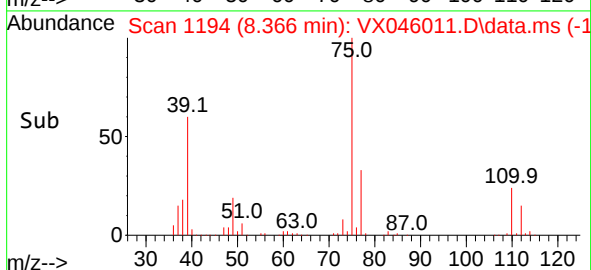
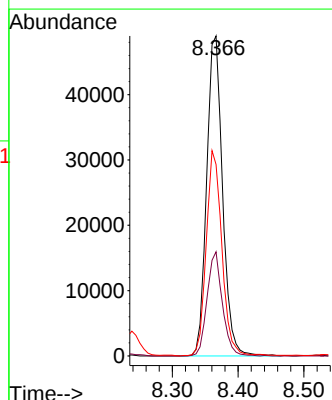
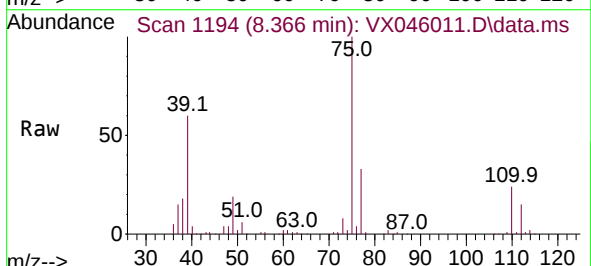
Tgt Ion: 75 Resp: 82519

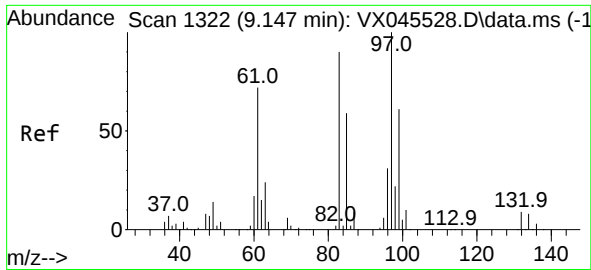
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 59.8 48.4 72.6

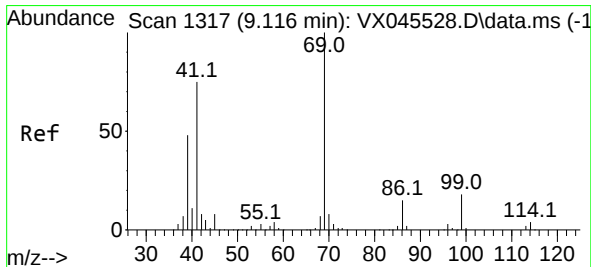
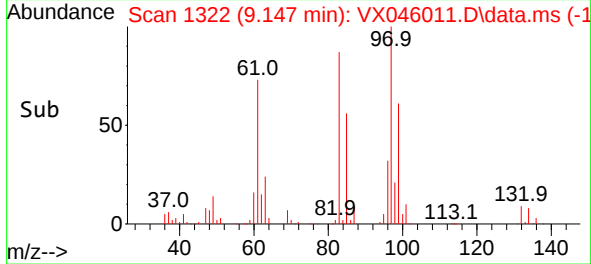
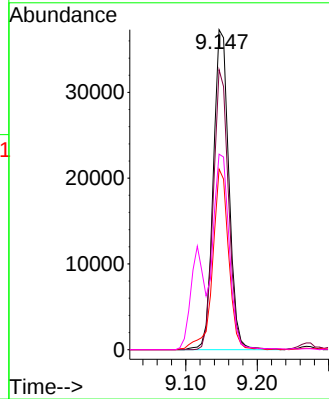
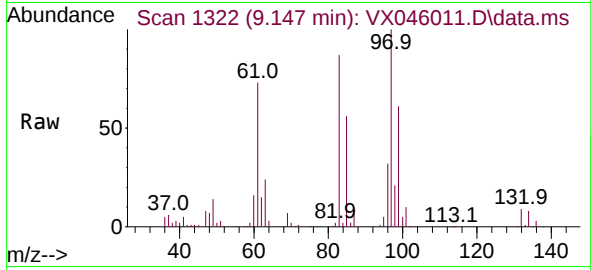




#55
1,1,2-Trichloroethane
Concen: 58.207 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

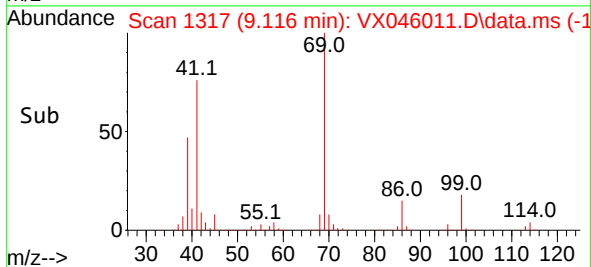
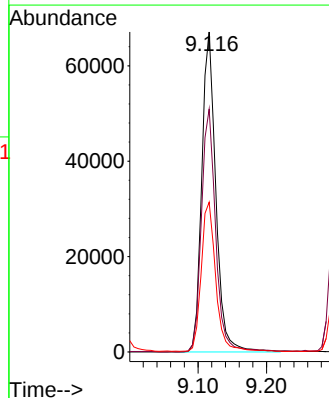
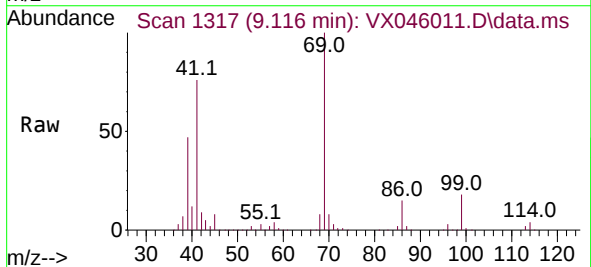
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

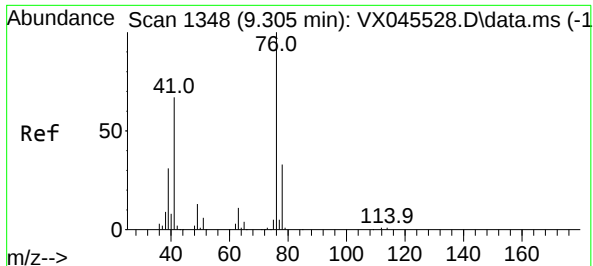
Tgt Ion:	97	Resp:	56394
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.8	107.8
85	56.5	47.0	70.6
99	60.8	48.6	73.0



#56
Ethyl methacrylate
Concen: 64.107 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:	69	Resp:	96123
Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.3	91.9
39	48.2	40.2	60.2





#57

1,3-Dichloropropane

Concen: 57.807 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

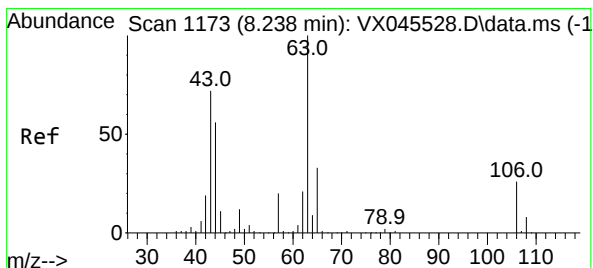
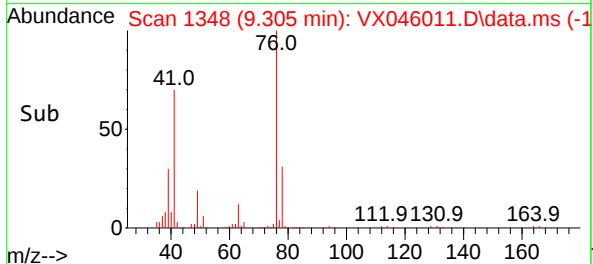
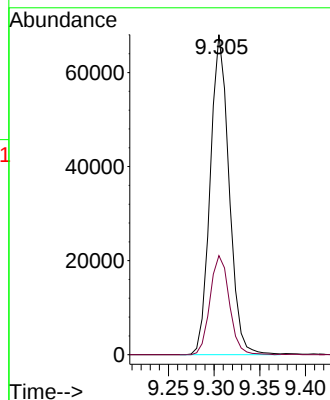
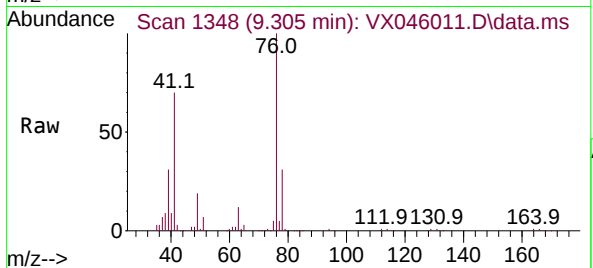
VSTDCCC050EC

Tgt Ion: 76 Resp: 97528

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 285.839 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046011.D

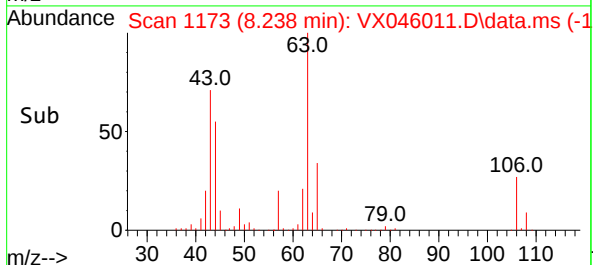
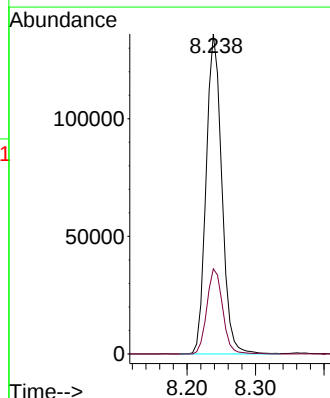
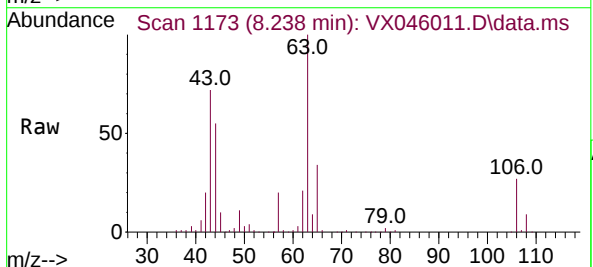
Acq: 30 Apr 2025 20:21

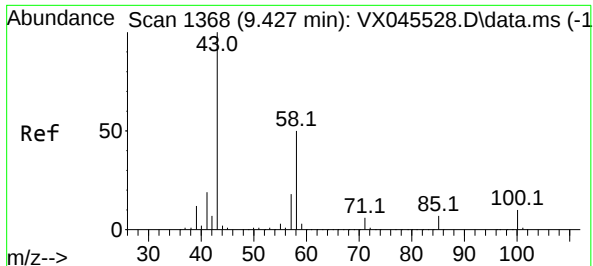
Tgt Ion: 63 Resp: 216812

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6

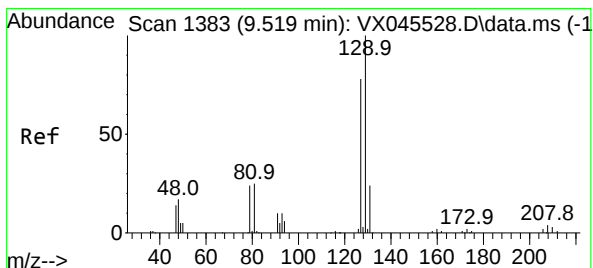
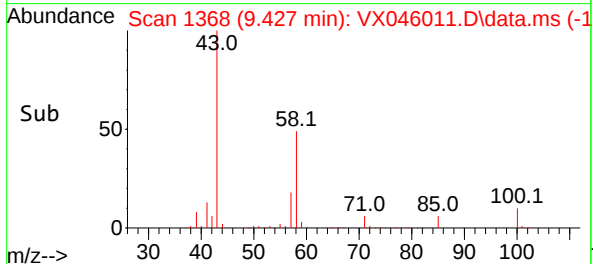
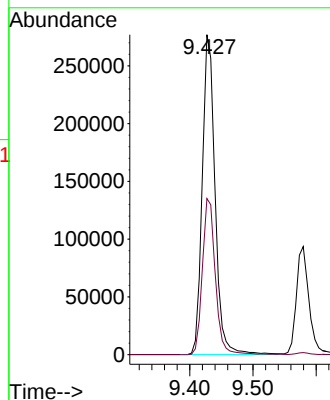
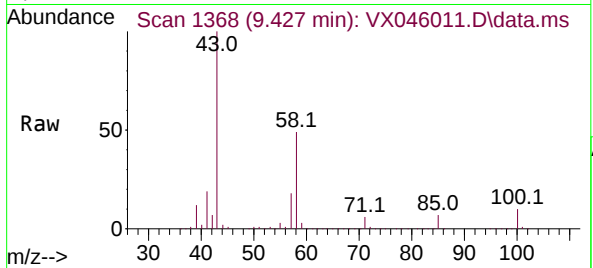




#59
2-Hexanone
Concen: 316.874 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

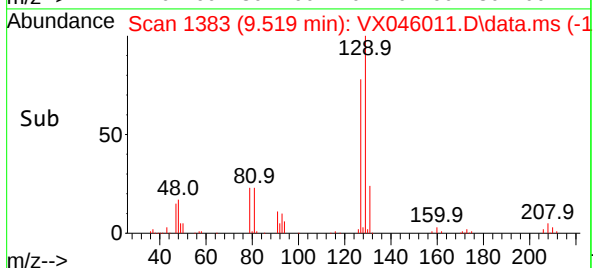
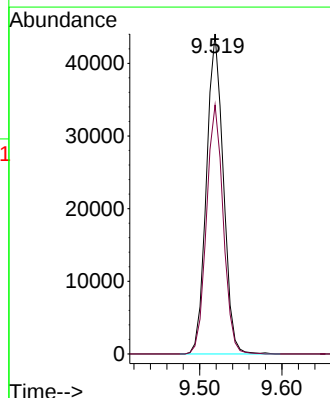
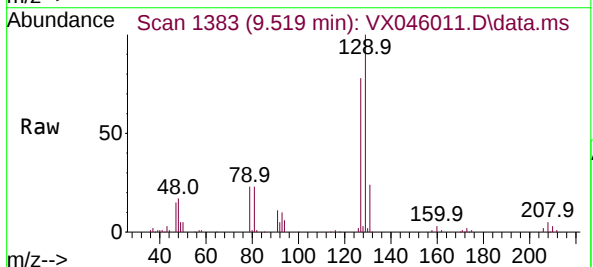
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 390890
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 59.387 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 129 Resp: 62726
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2

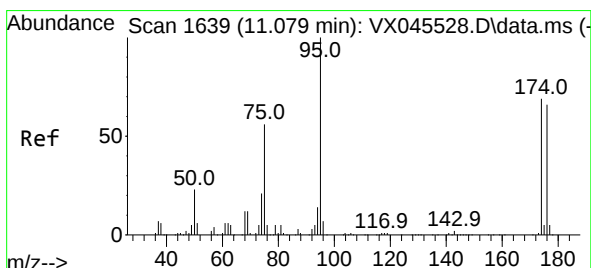
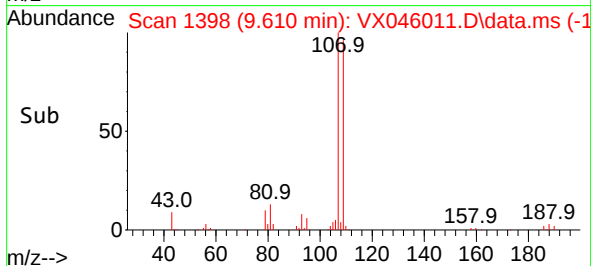
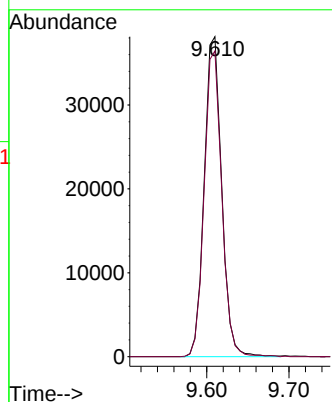
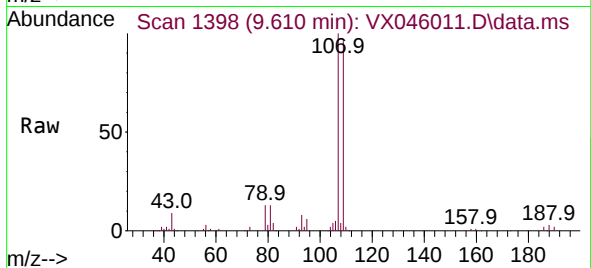




#61
1,2-Dibromoethane
Concen: 57.566 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

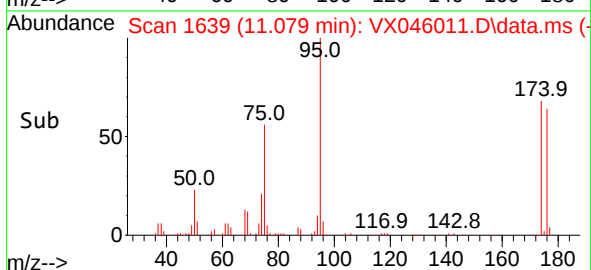
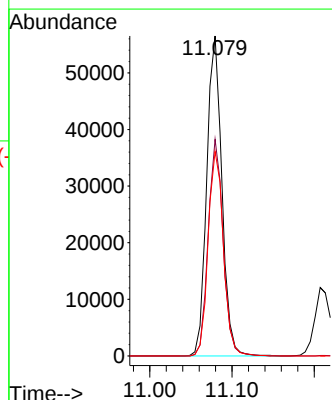
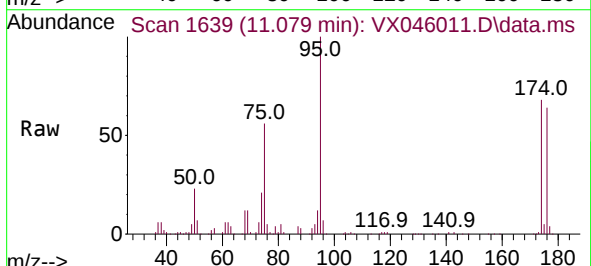
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

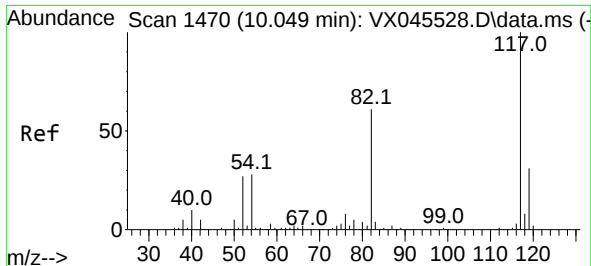
Tgt Ion:107 Resp: 56459
Ion Ratio Lower Upper
107 100
109 96.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 58.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 95 Resp: 72344
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.6 0.0 131.4

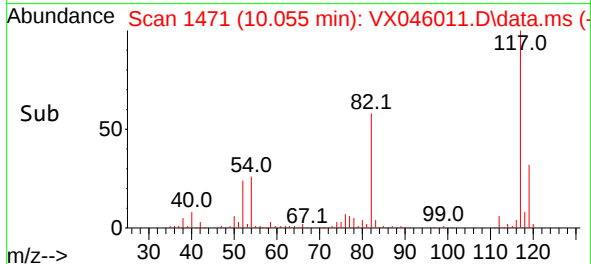
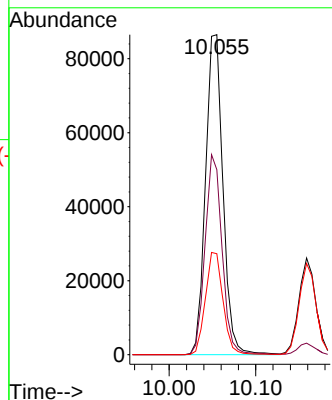
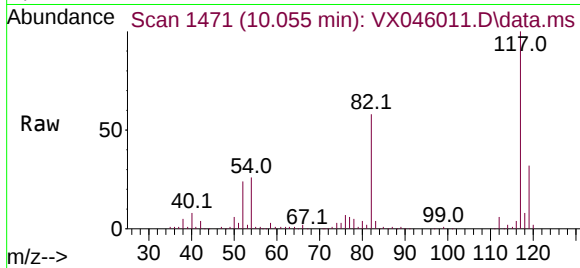




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

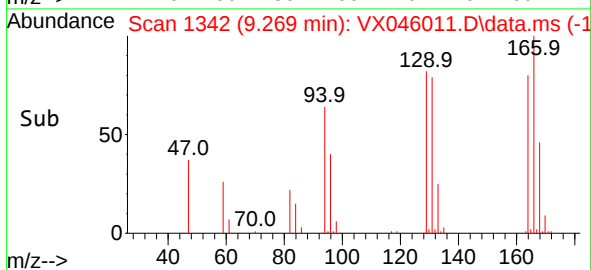
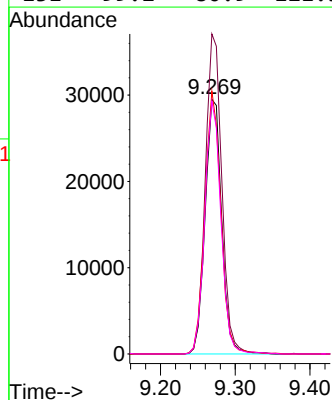
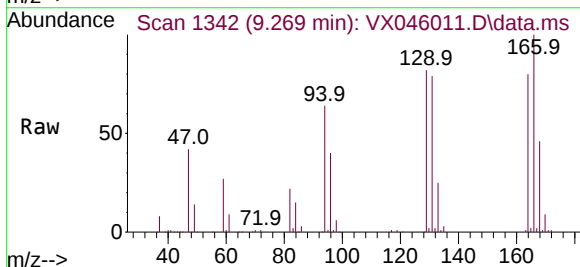
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 121051
Ion Ratio Lower Upper
117 100
82 57.8 49.2 73.8
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 52.969 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:164 Resp: 45270
Ion Ratio Lower Upper
164 100
166 125.7 103.8 155.8
129 103.2 84.3 126.5
131 99.2 80.9 121.3





#65

Chlorobenzene

Concen: 57.069 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

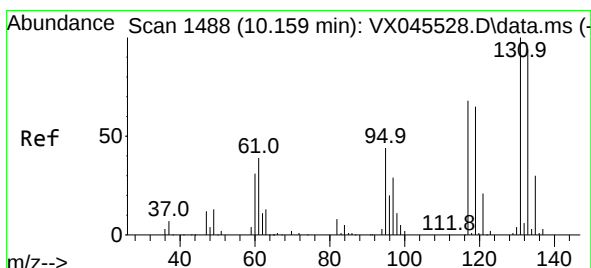
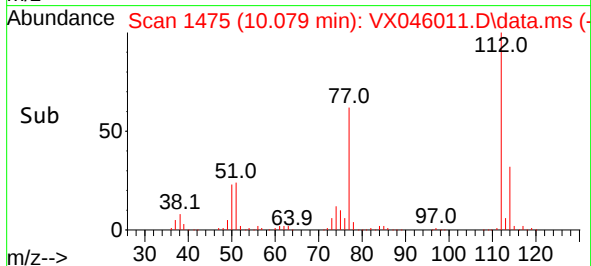
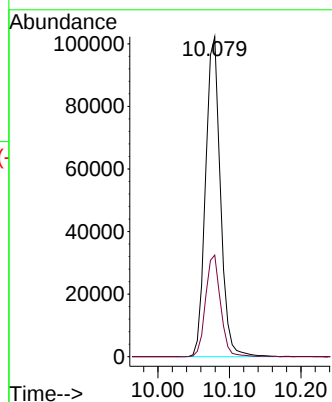
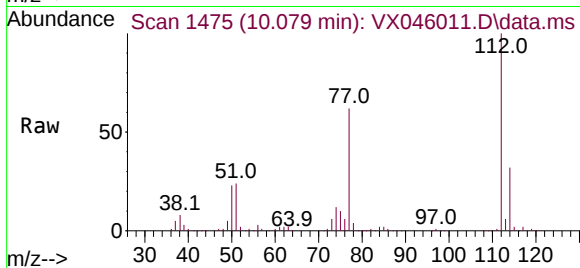
VSTDCCC050EC

Tgt Ion:112 Resp: 147618

Ion Ratio Lower Upper

112 100

114 31.8 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 57.876 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

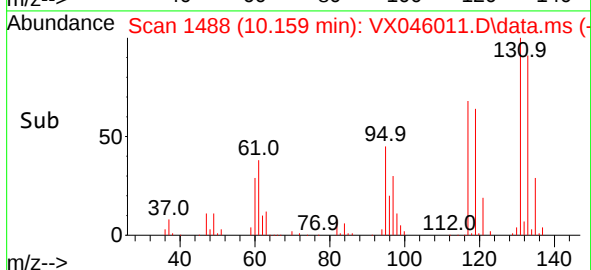
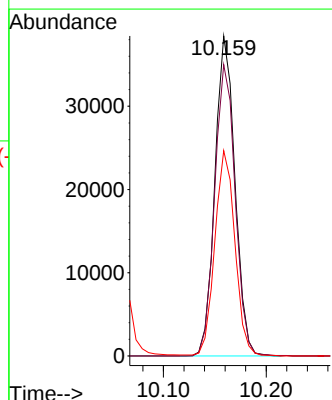
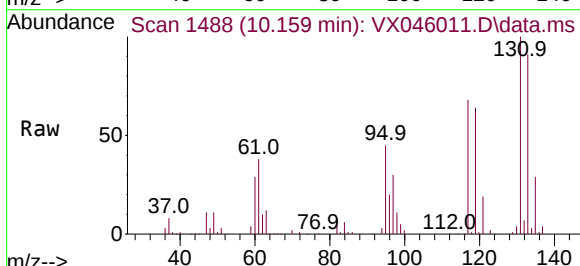
Tgt Ion:131 Resp: 51975

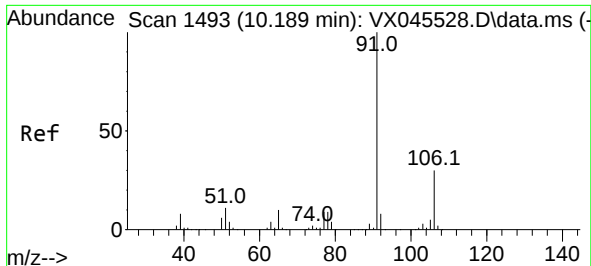
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.5

119 64.5 32.9 98.6





#67

Ethyl Benzene

Concen: 57.326 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

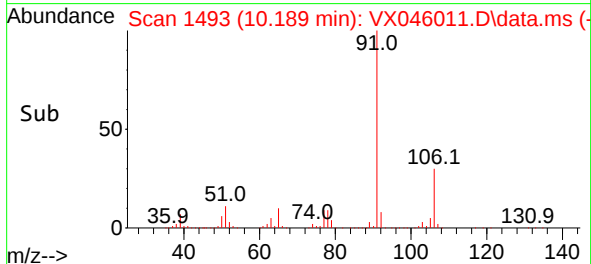
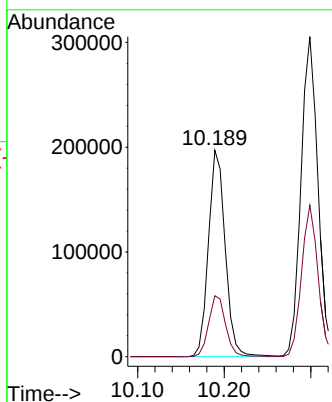
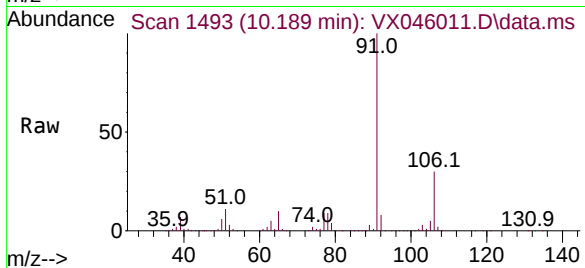
VSTDCCC050EC

Tgt Ion: 91 Resp: 265577

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



#68

m/p-Xylenes

Concen: 114.382 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046011.D

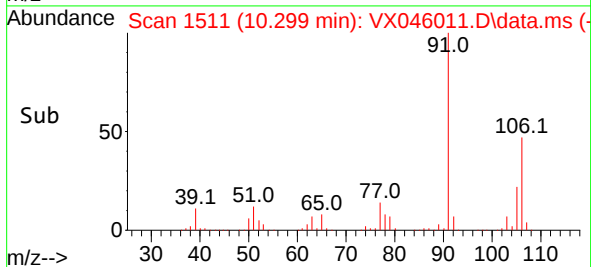
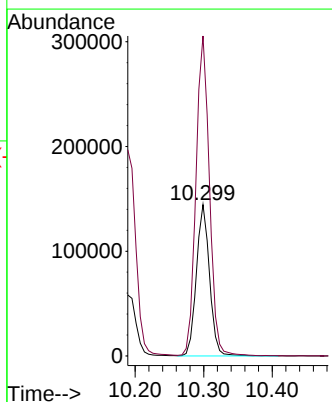
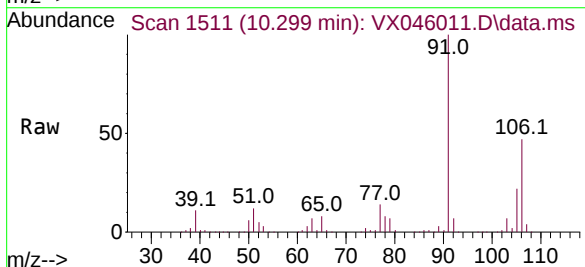
Acq: 30 Apr 2025 20:21

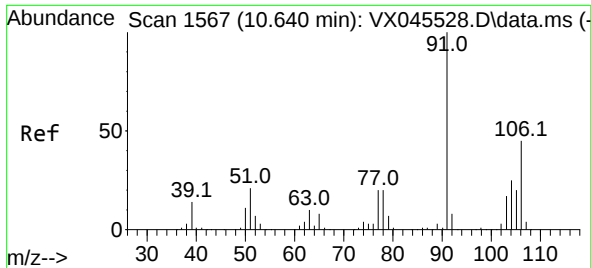
Tgt Ion:106 Resp: 192730

Ion Ratio Lower Upper

106 100

91 217.9 172.6 258.8

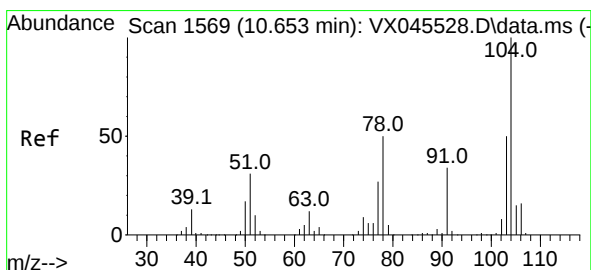
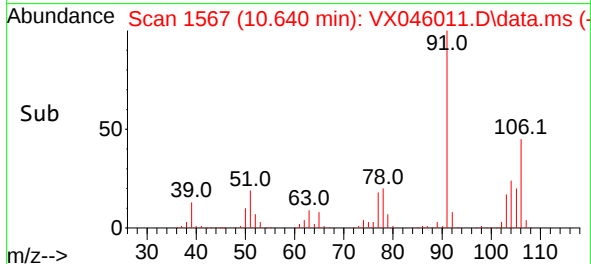
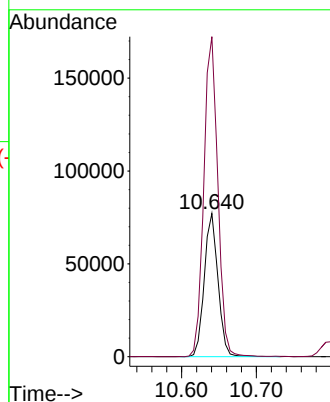
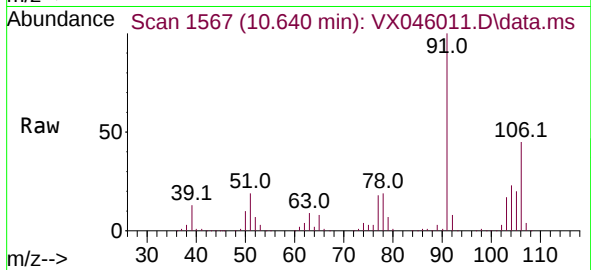




#69
o-Xylene
Concen: 59.062 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

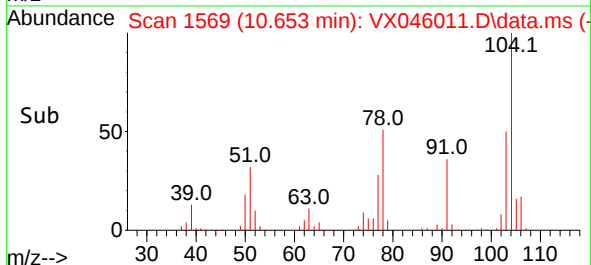
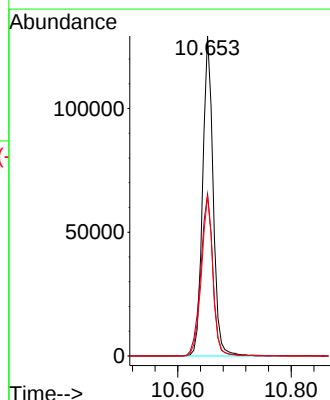
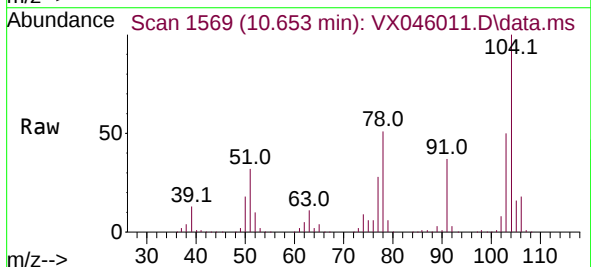
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

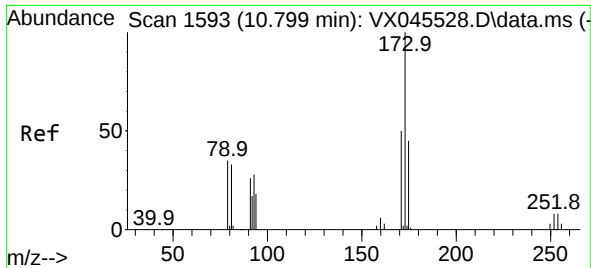
Tgt Ion:106 Resp: 98034
Ion Ratio Lower Upper
106 100
91 228.5 113.6 340.6



#70
Styrene
Concen: 60.518 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:104 Resp: 165794
Ion Ratio Lower Upper
104 100
78 58.3 45.4 68.2
103 54.8 43.8 65.8

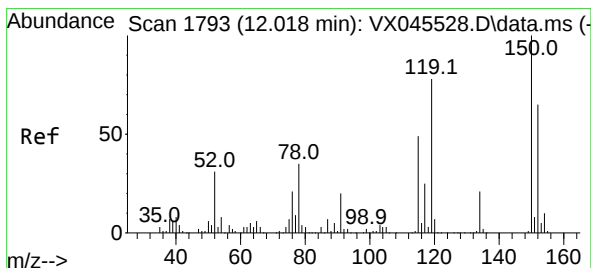
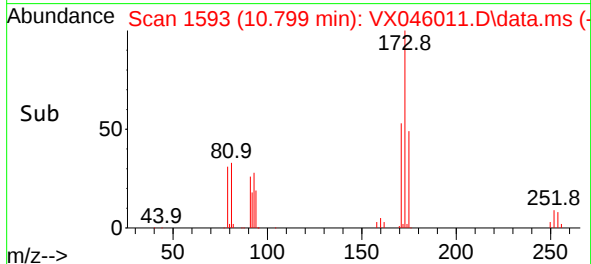
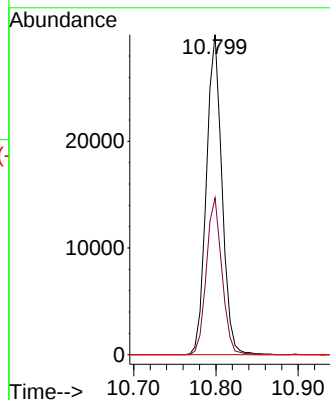
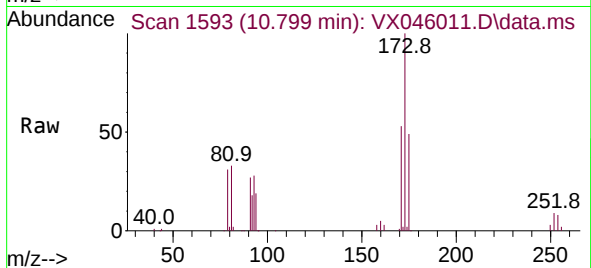




#71
Bromoform
Concen: 58.875 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

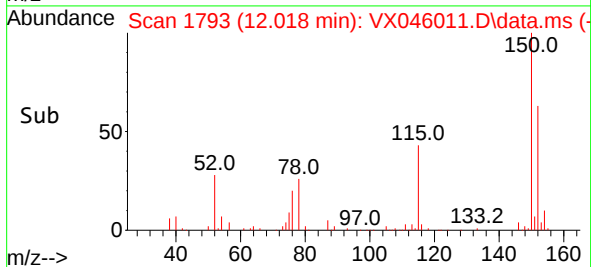
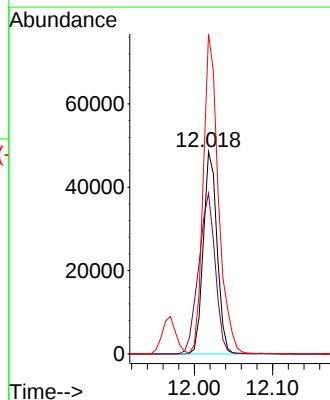
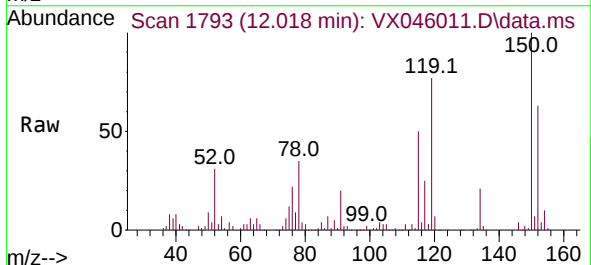
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 39478
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.2
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: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:152 Resp: 59049
Ion Ratio Lower Upper
152 100
115 96.2 46.9 140.7
150 175.0 0.0 349.4

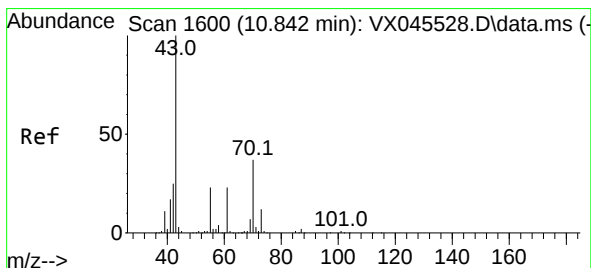
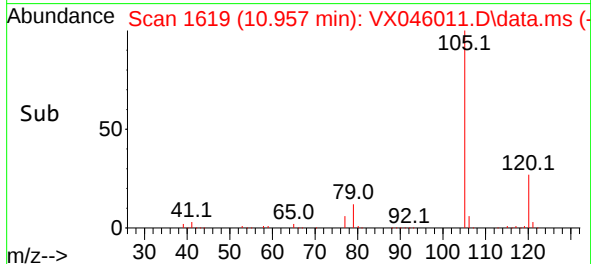
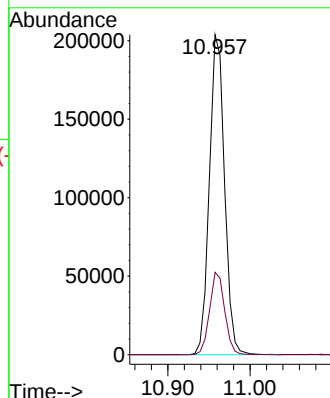
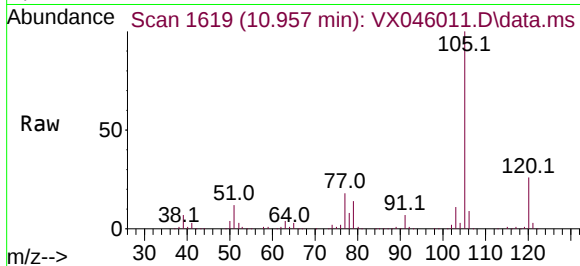




#73
Isopropylbenzene
Concen: 55.203 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

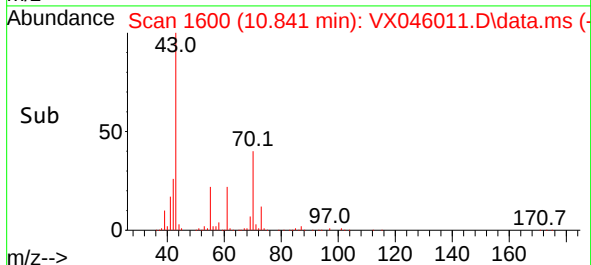
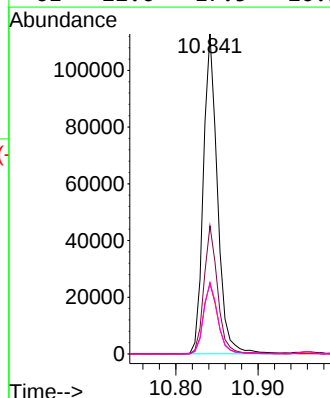
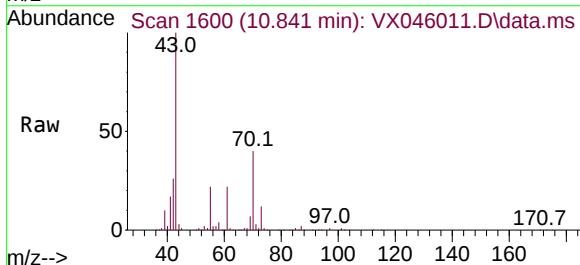
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

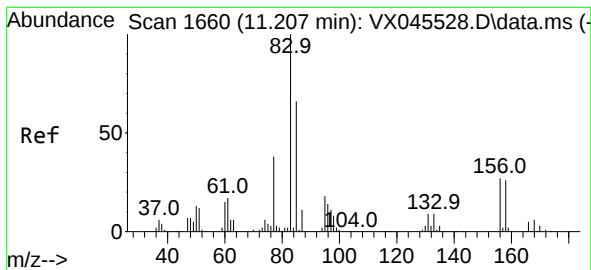
Tgt Ion:105 Resp: 261104
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0



#74
N-ethyl acetate
Concen: 59.515 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 43 Resp: 134656
Ion Ratio Lower Upper
43 100
70 39.1 30.1 45.1
55 22.7 18.3 27.5
61 22.6 17.5 26.3

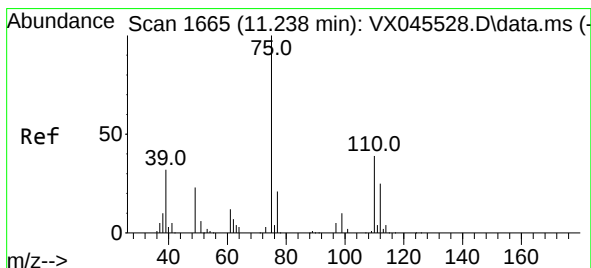
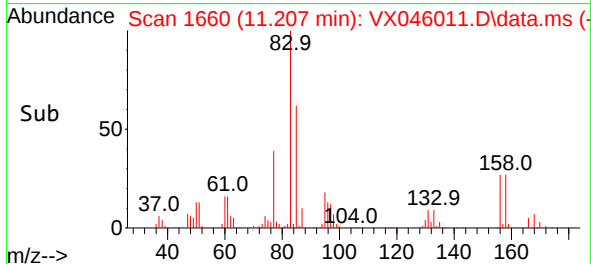
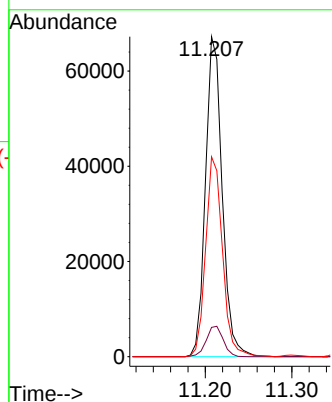
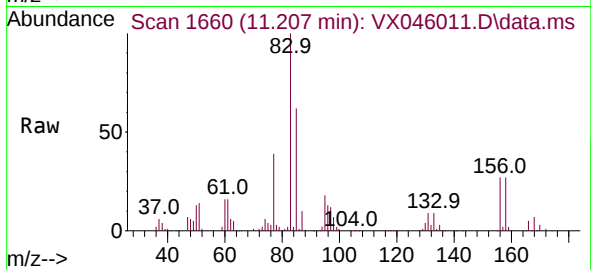




#75
1,1,2,2-Tetrachloroethane
Concen: 54.213 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

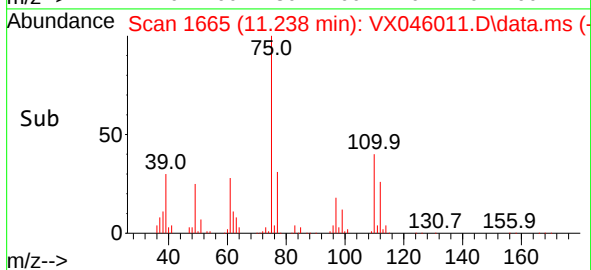
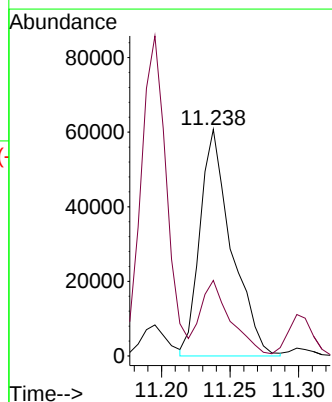
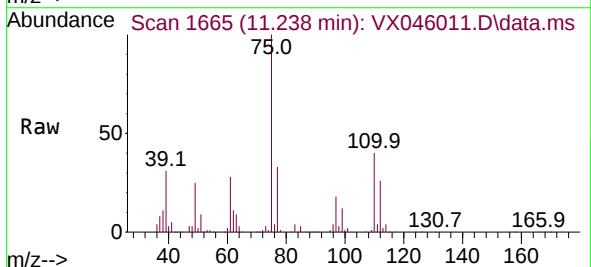
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90077
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 63.1 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 67.700 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 75 Resp: 97511
Ion Ratio Lower Upper
75 100
77 32.0 20.0 59.9

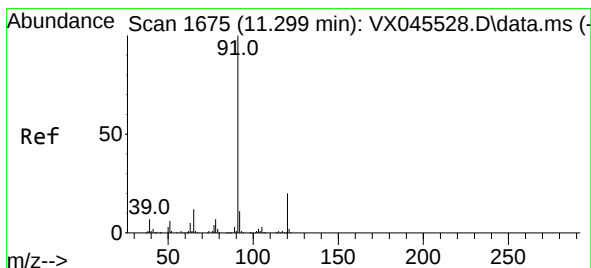
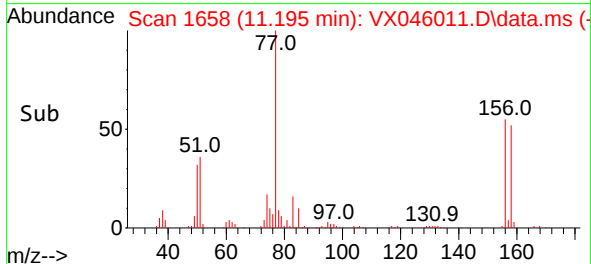
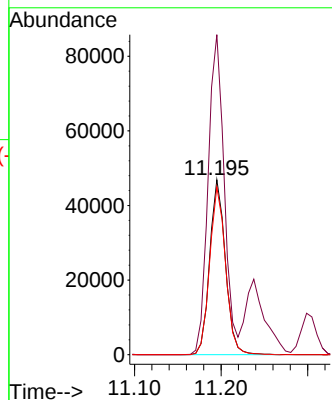
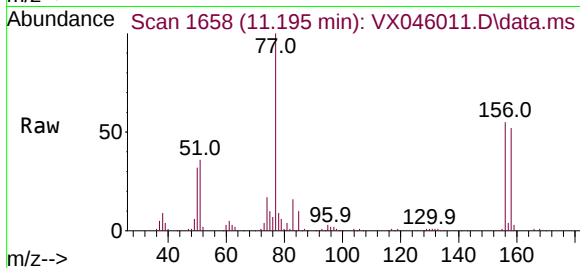




#77
Bromobenzene
Concen: 54.245 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

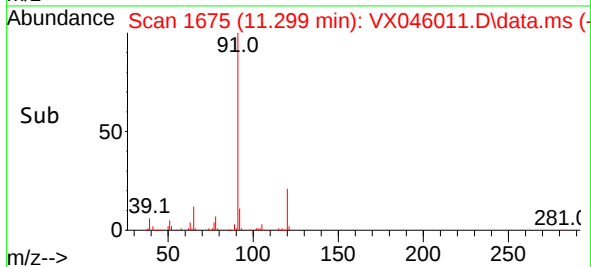
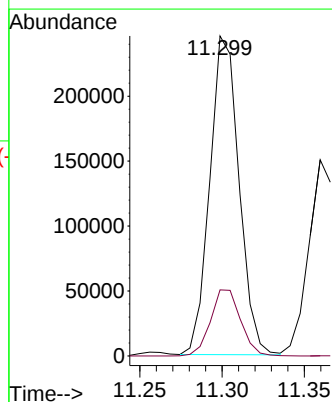
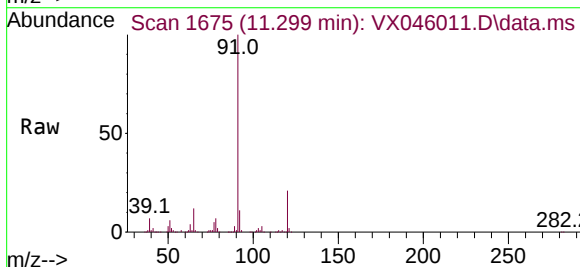
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

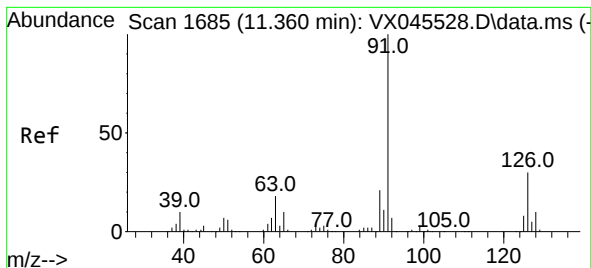
Tgt Ion:156 Resp: 59282
Ion Ratio Lower Upper
156 100
77 186.8 92.6 277.8
158 96.9 48.1 144.4



#78
n-propylbenzene
Concen: 55.745 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 91 Resp: 303699
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3





#79

2-Chlorotoluene

Concen: 54.233 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

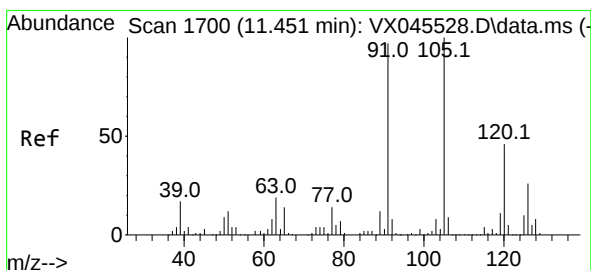
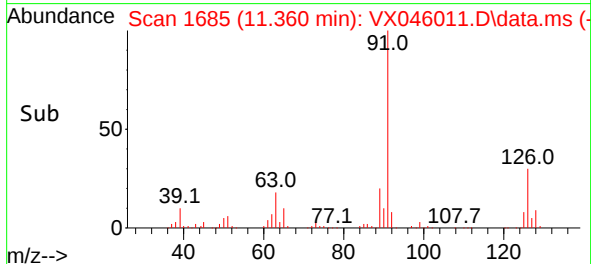
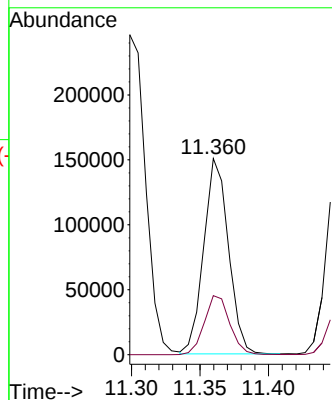
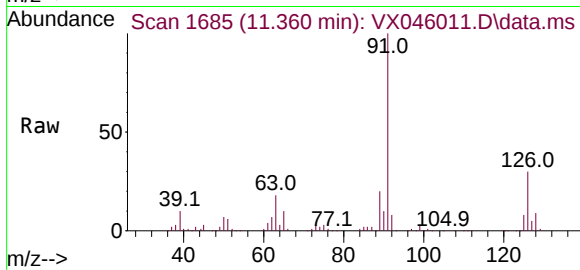
VSTDCCC050EC

Tgt Ion: 91 Resp: 188887

Ion Ratio Lower Upper

91 100

126 31.1 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 56.000 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046011.D

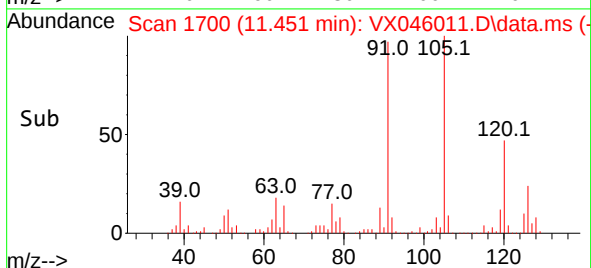
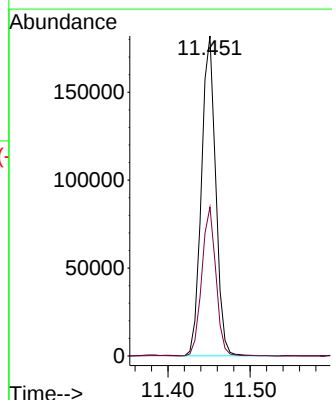
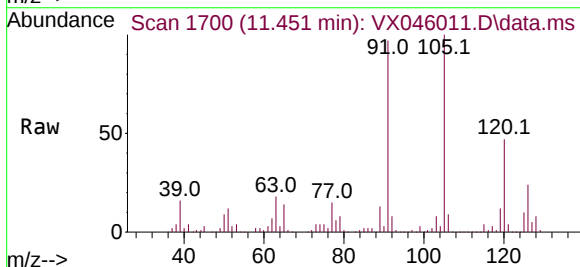
Acq: 30 Apr 2025 20:21

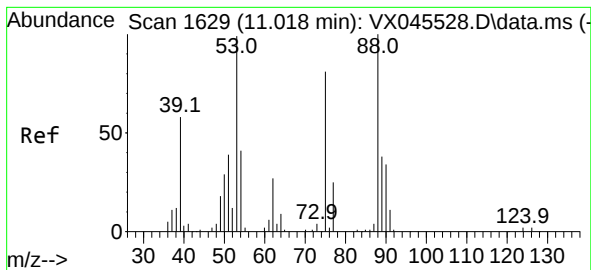
Tgt Ion:105 Resp: 219026

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

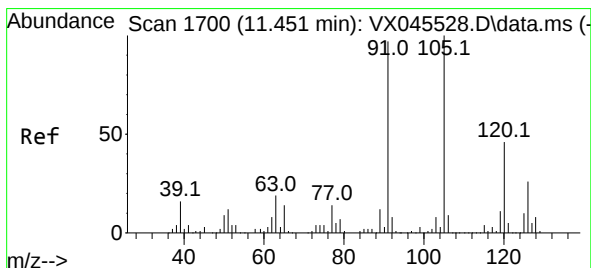
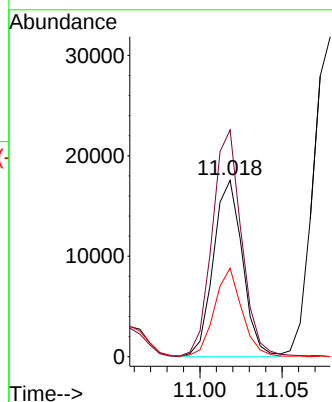
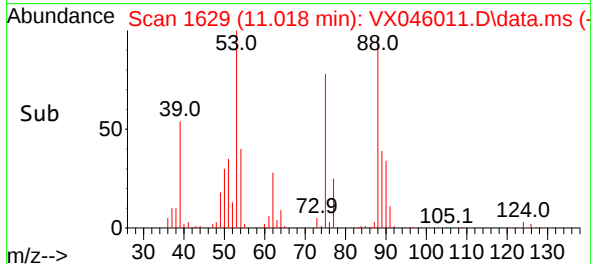
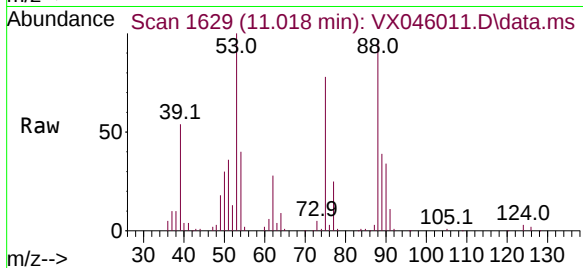




#81
trans-1,4-Dichloro-2-butene
Concen: 51.205 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

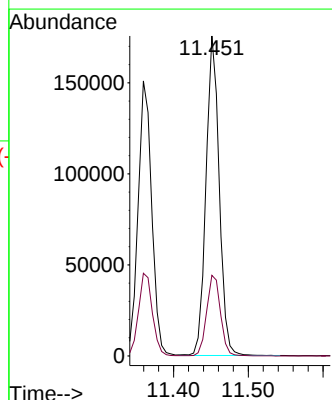
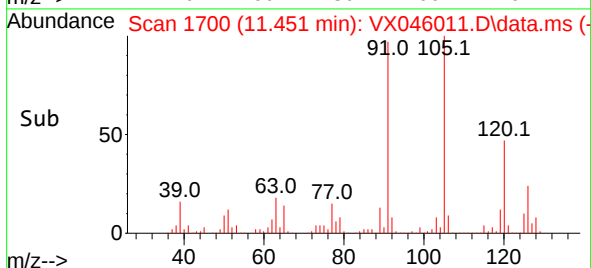
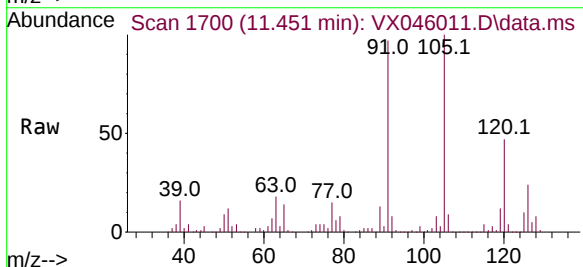
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

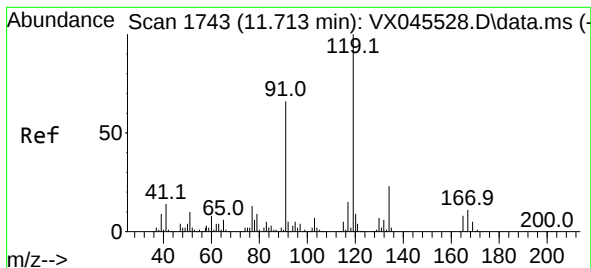
Tgt Ion: 75 Resp: 21731
Ion Ratio Lower Upper
75 100
53 129.6 101.8 152.6
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 55.437 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 91 Resp: 215278
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.9





#83

tert-Butylbenzene

Concen: 56.117 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

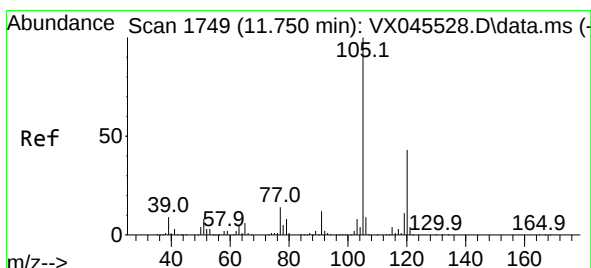
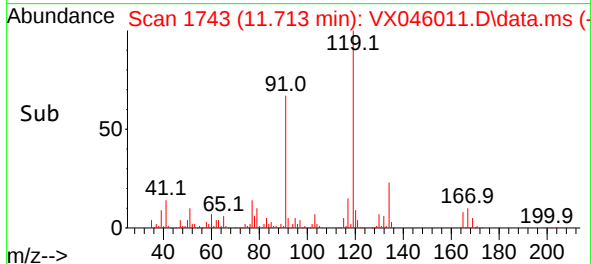
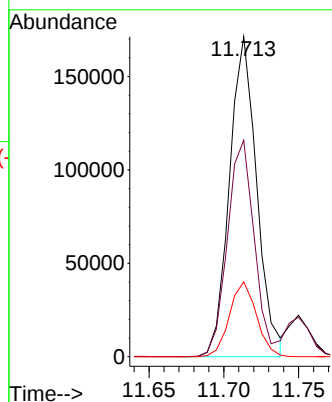
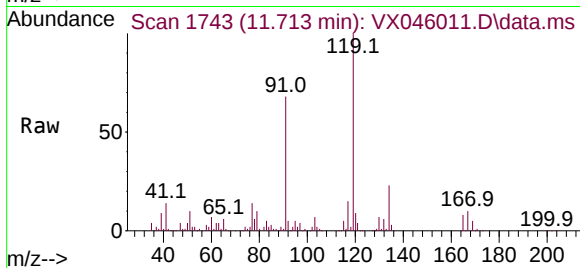
Tgt Ion:119 Resp: 217296

Ion Ratio Lower Upper

119 100

91 66.1 32.4 97.2

134 23.1 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 57.068 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046011.D

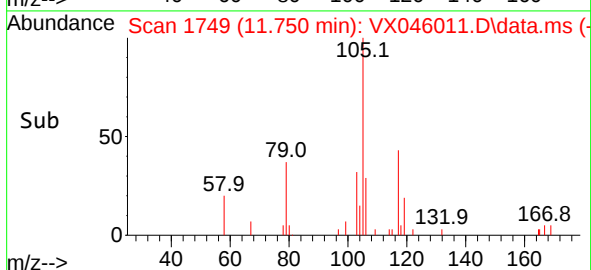
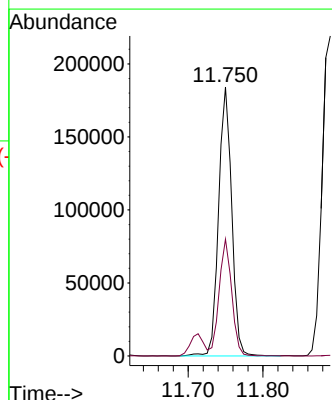
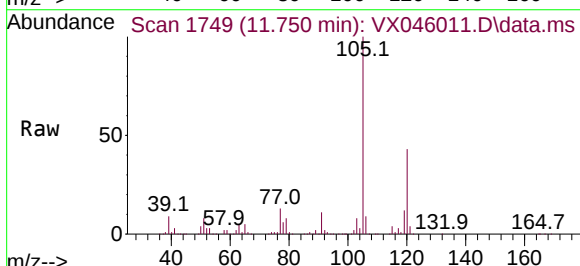
Acq: 30 Apr 2025 20:21

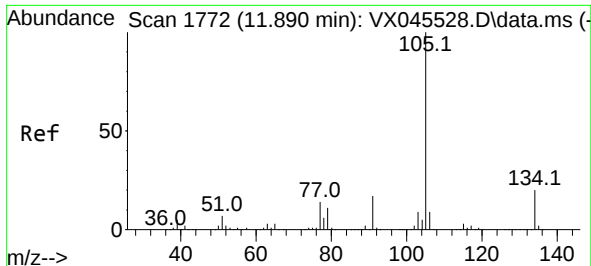
Tgt Ion:105 Resp: 224028

Ion Ratio Lower Upper

105 100

120 41.9 21.4 64.3

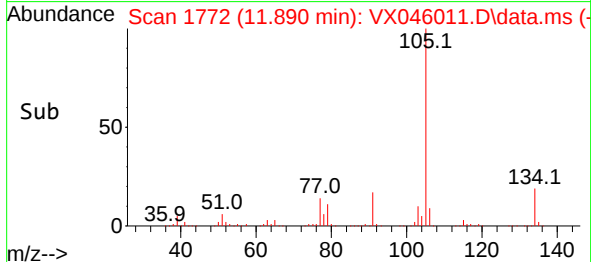
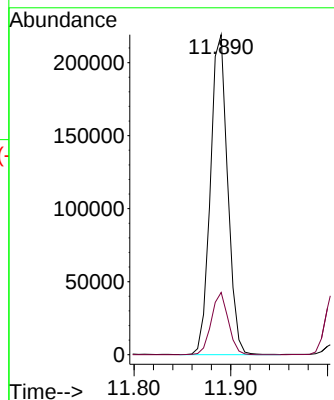
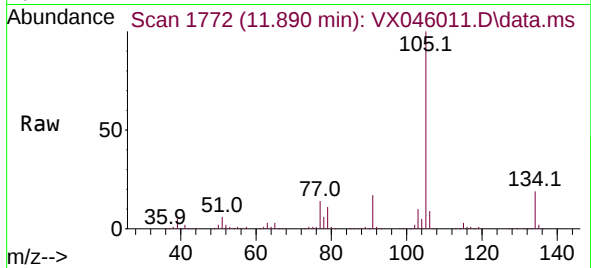




#85
 sec-Butylbenzene
 Concen: 57.175 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046011.D
 Acq: 30 Apr 2025 20:21

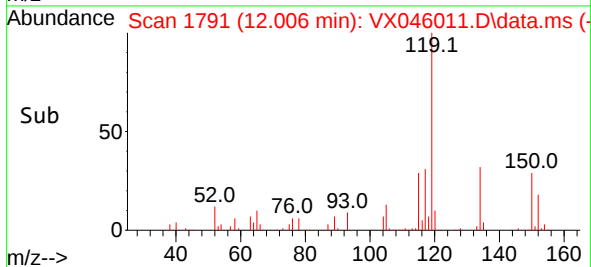
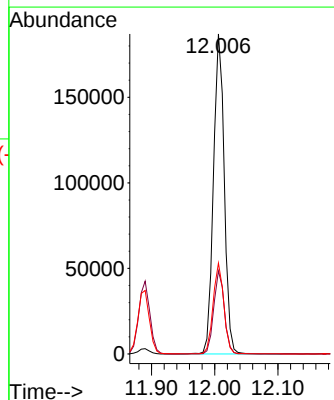
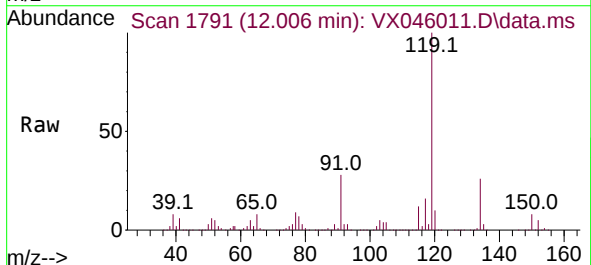
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 271924
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 56.588 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046011.D
 Acq: 30 Apr 2025 20:21

Tgt Ion:119 Resp: 221881
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 28.2 13.7 41.1

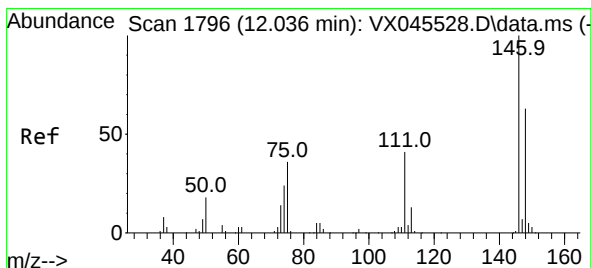
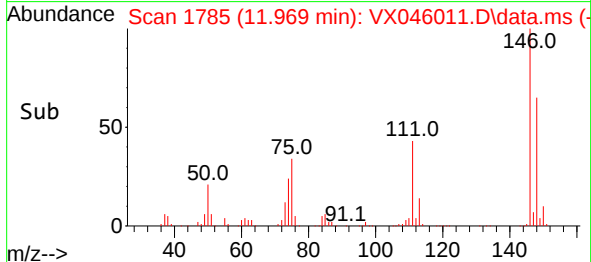
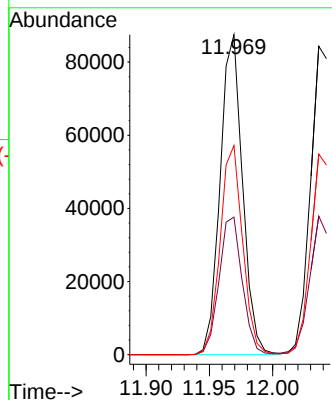
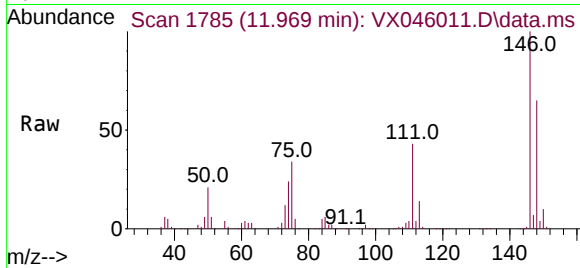




#87
1,3-Dichlorobenzene
Concen: 54.104 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

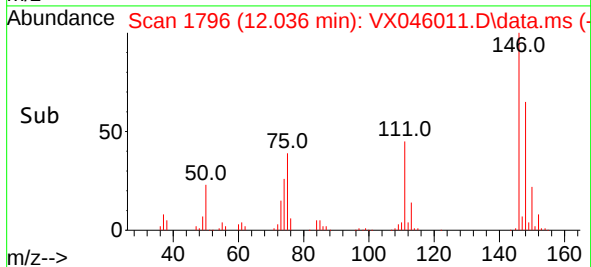
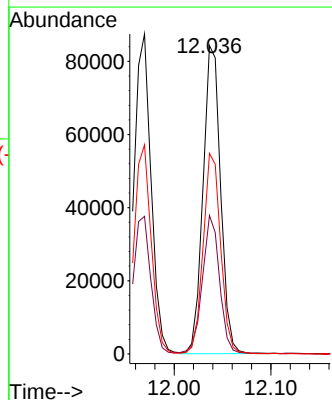
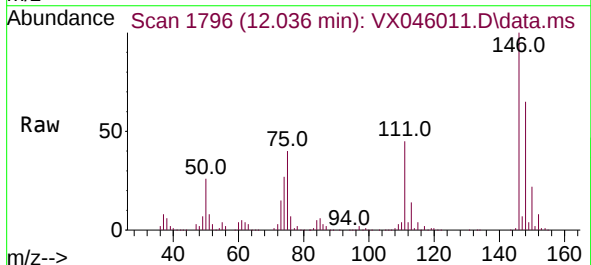
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 107631
Ion Ratio Lower Upper
146 100
111 44.5 22.2 66.6
148 65.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 52.914 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:146 Resp: 106715
Ion Ratio Lower Upper
146 100
111 43.8 20.9 62.8
148 65.1 31.5 94.5

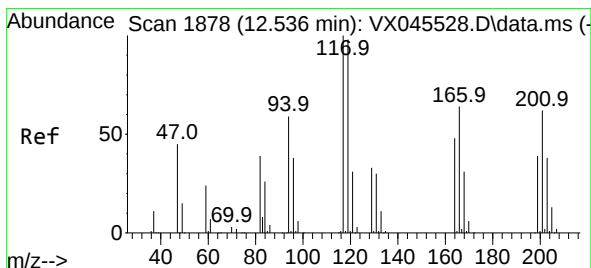
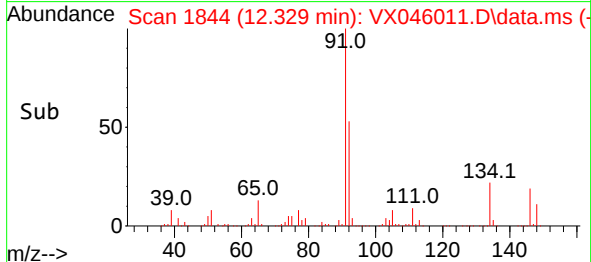
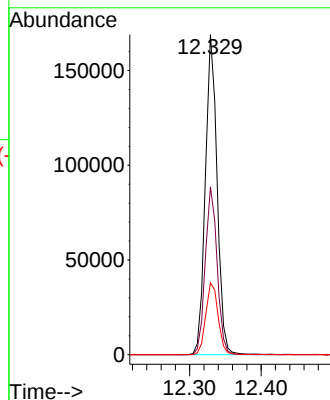
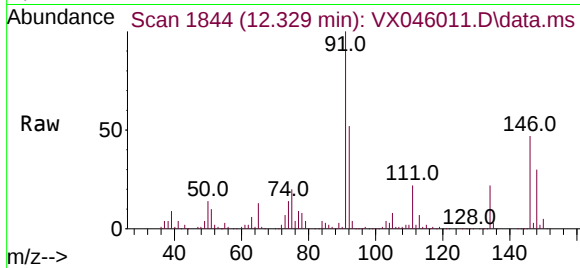




#89
n-Butylbenzene
Concen: 56.895 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

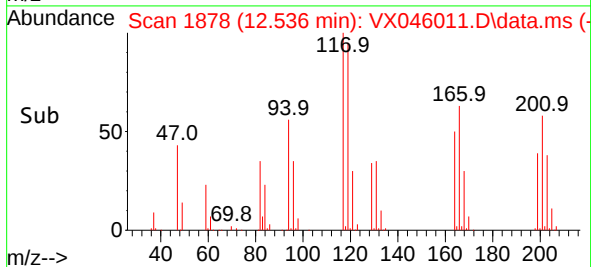
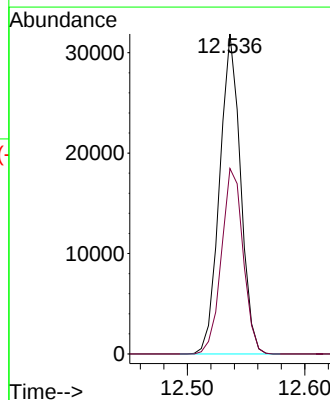
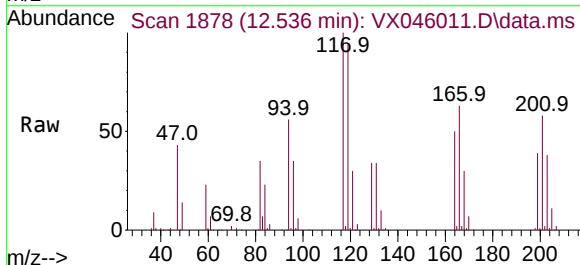
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

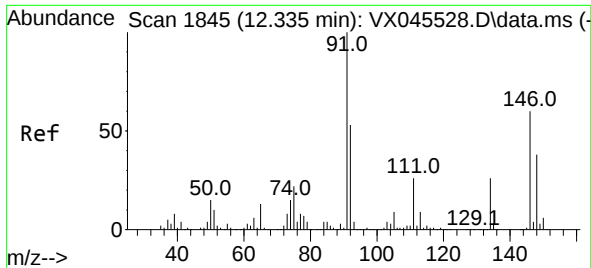
Tgt Ion: 91 Resp: 193452
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.6
134 23.6 11.9 35.7



#90
Hexachloroethane
Concen: 58.439 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 117 Resp: 39380
Ion Ratio Lower Upper
117 100
201 60.1 31.2 93.6

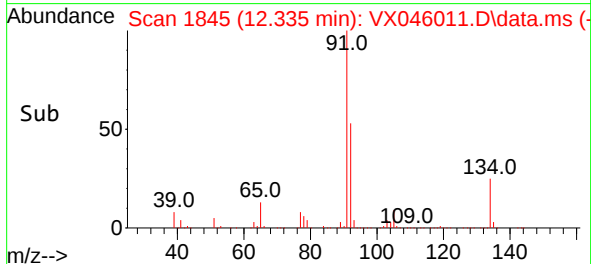
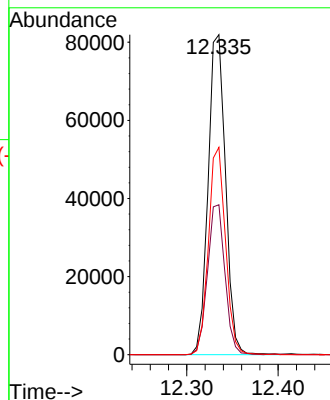
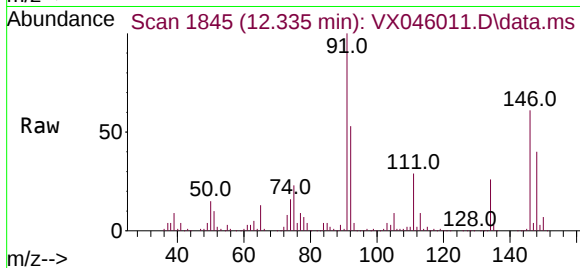




#91
1,2-Dichlorobenzene
Concen: 54.723 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

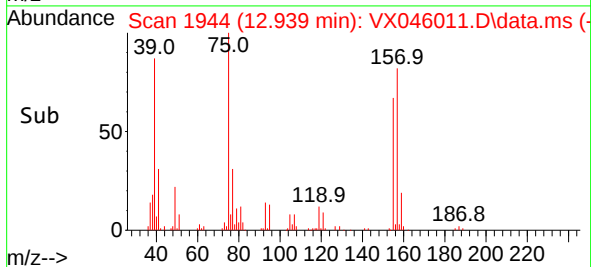
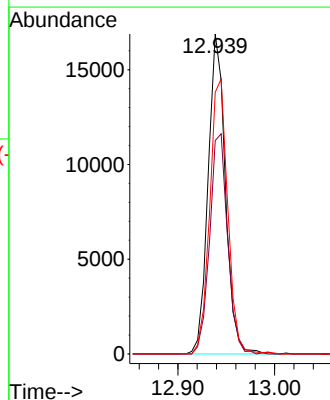
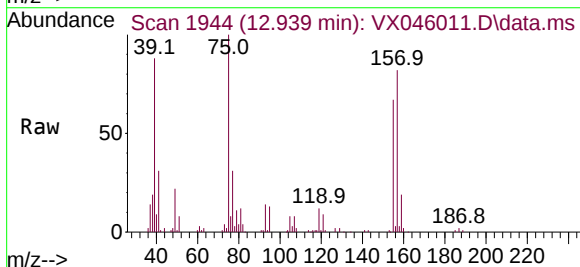
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

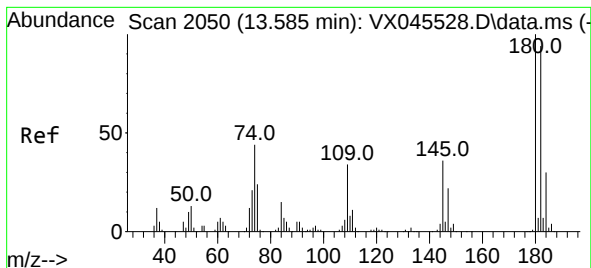
Tgt Ion:146 Resp: 108232
Ion Ratio Lower Upper
146 100
111 46.9 22.9 68.8
148 63.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.500 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion: 75 Resp: 21023
Ion Ratio Lower Upper
75 100
155 71.2 34.9 104.7
157 89.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 56.810 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

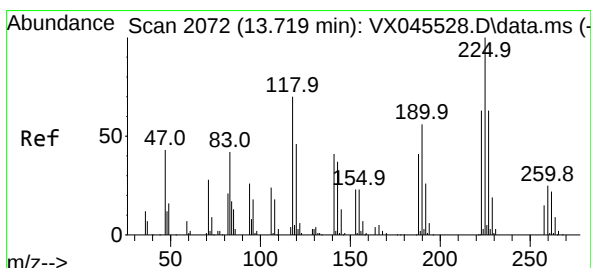
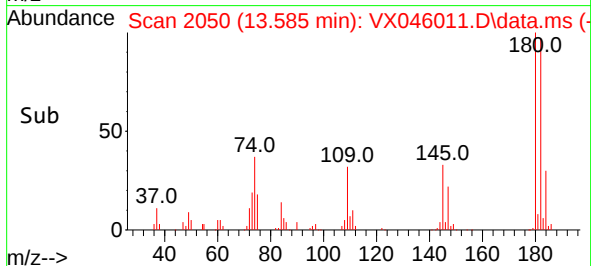
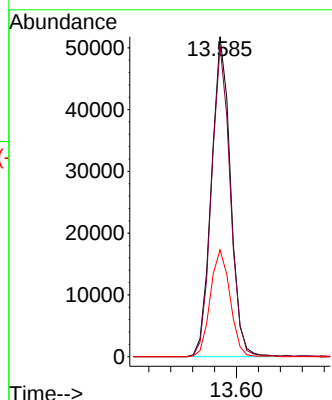
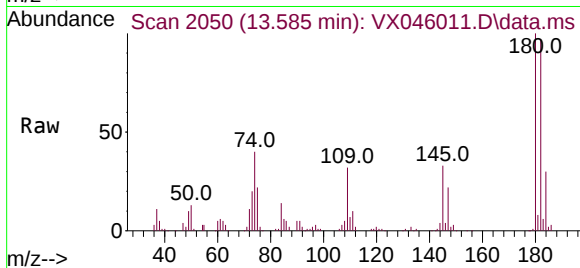
Tgt Ion:180 Resp: 62543

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 34.5 17.9 53.8



#94

Hexachlorobutadiene

Concen: 54.730 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046011.D

Acq: 30 Apr 2025 20:21

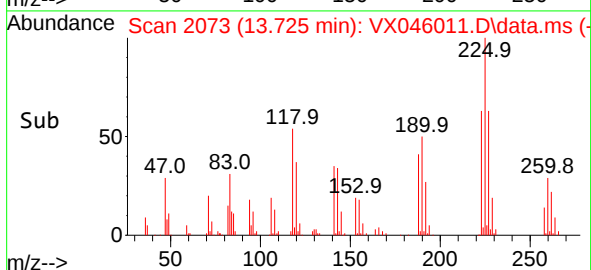
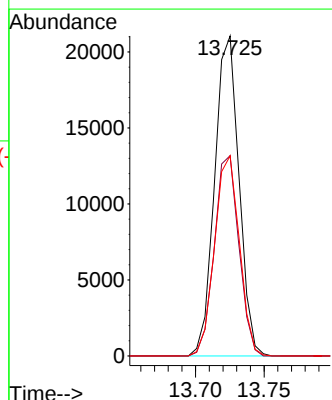
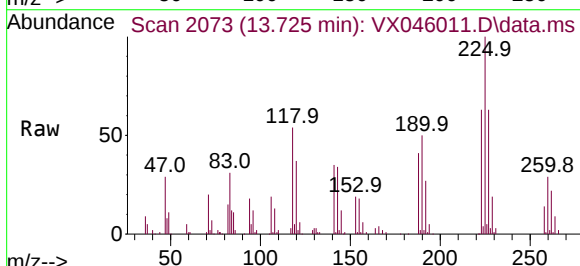
Tgt Ion:225 Resp: 25964

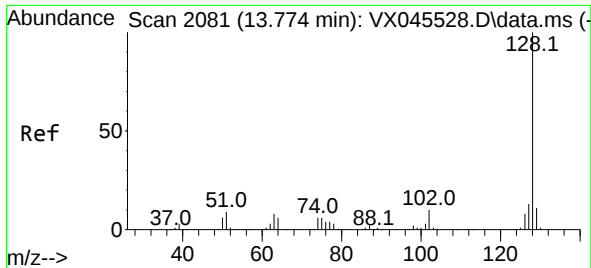
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.3

227 63.7 32.2 96.6

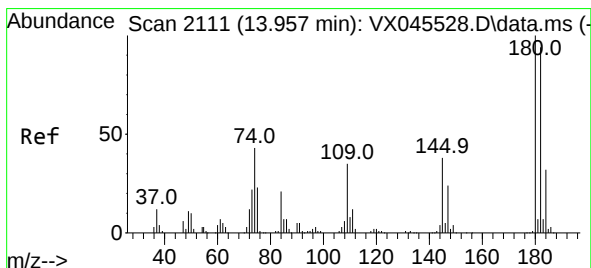
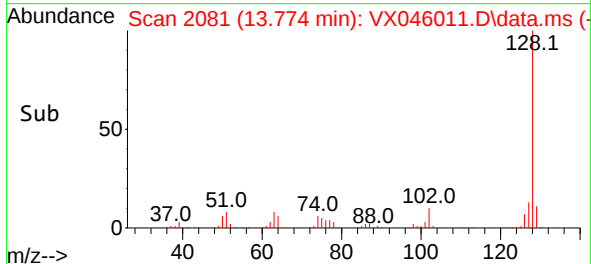
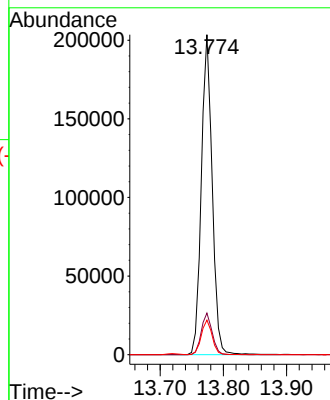
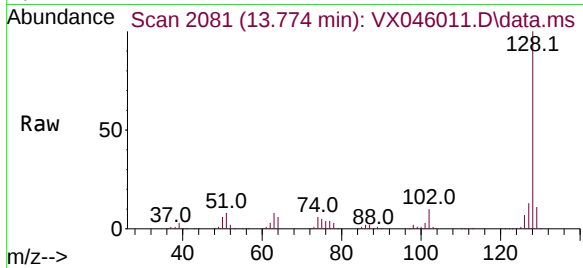




#95
Naphthalene
Concen: 59.434 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	243494
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.259 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046011.D
Acq: 30 Apr 2025 20:21

Tgt Ion:	180	Resp:	64855
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.8
145	36.7	18.2	54.6

