

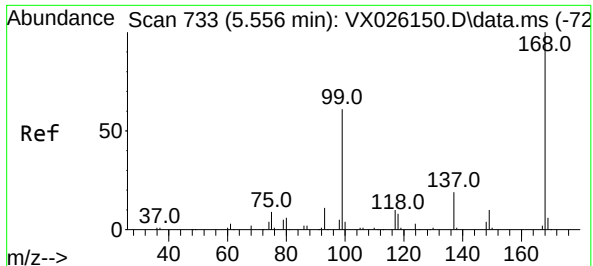
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026251.D
 Acq On : 04 Jan 2022 03:56
 Operator : JC/MD
 Sample : PB141783ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 08:01:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

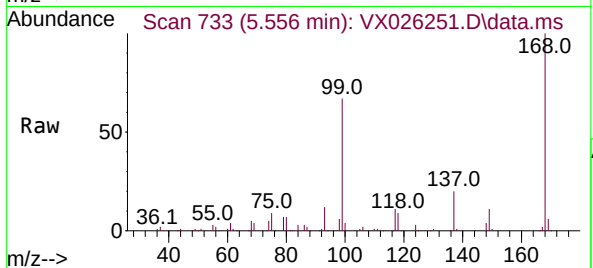
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	218186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171503	54.333	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.660%	
35) Dibromofluoromethane	5.391	113	125660	50.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	8.653	98	468503	50.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	11.079	95	167030	50.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.500%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2245	3.561	ug/l #	73
16) Acetone	2.380	43	10214	5.972	ug/l	95
18) Methyl Acetate	2.703	43	1672	0.301	ug/l #	74
20) Methylene Chloride	2.794	84	8391	2.164	ug/l	94
25) 2-Butanone	4.568	43	5810	2.439	ug/l	91
29) Tetrahydrofuran	5.032	42	715	0.476	ug/l #	62
31) Cyclohexane	5.562	56	5500	1.224	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	19263	4.758	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24295	5.394	ug/l #	16
43) Isopropyl Acetate	6.342	43	21822	2.852	ug/l #	95
48) Methyl methacrylate	7.592	41	6703	1.827	ug/l #	12
49) 1,4-Dioxane	7.793	88	210	3.106	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	82803	17.391	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	34077	7.229	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	20215	4.037	ug/l #	43
59) 2-Hexanone	9.378	43	10550	2.925	ug/l #	25
74) N-amyl acetate	10.774	43	1173	0.224	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	92026	25.976	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	92026	75.149	ug/l #	10

(#) = qualifier out of range (m) = manual integration (+) = signals summed

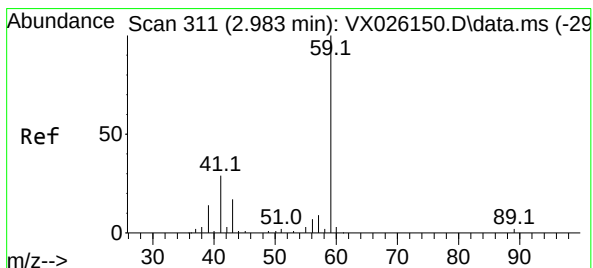
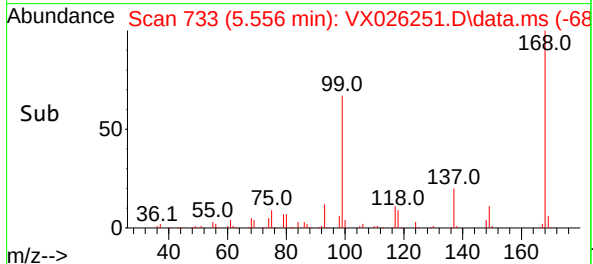
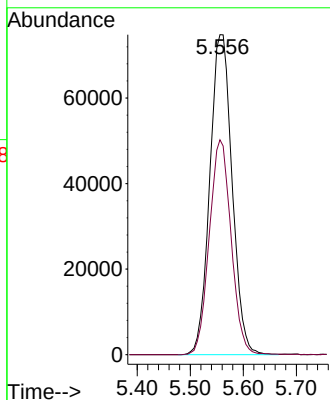


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Instrument :
MSVOA_X
ClientSampleId :

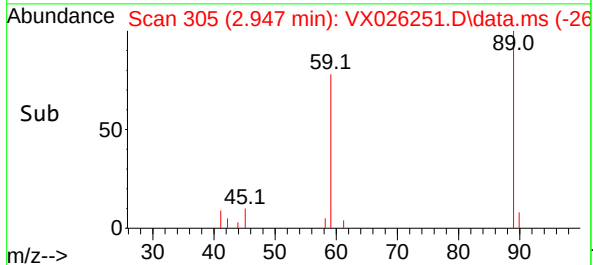
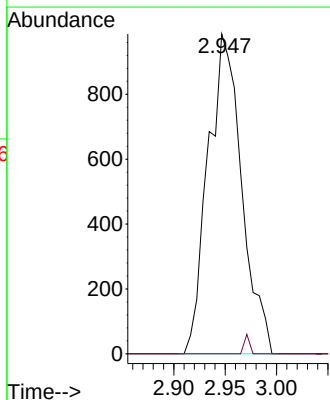
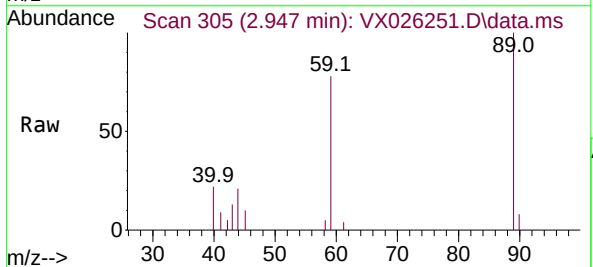


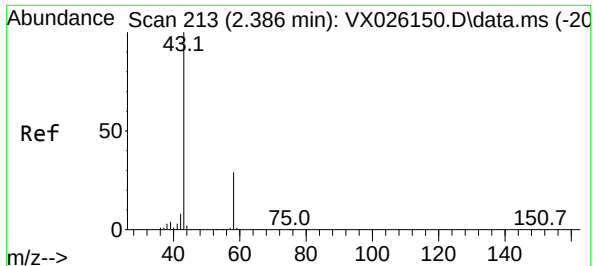
Tgt Ion:168 Resp: 218186
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.561 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion: 59 Resp: 2245
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

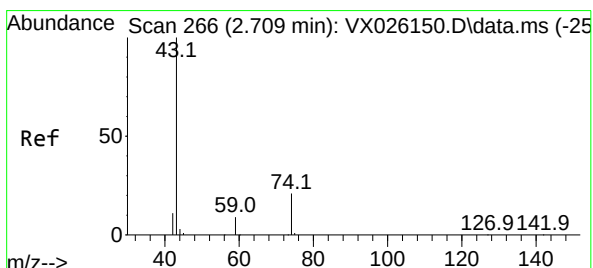
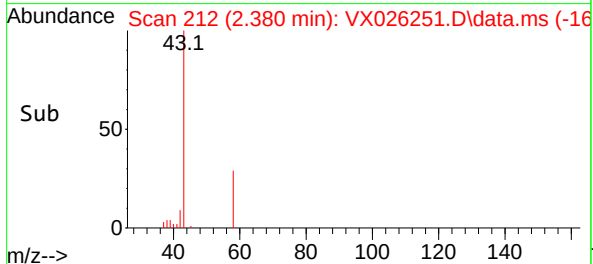
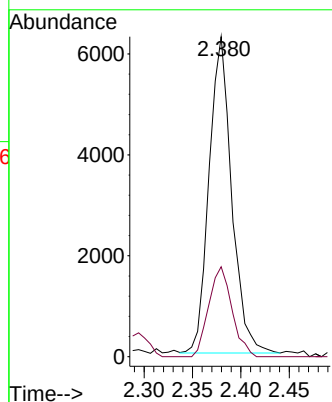
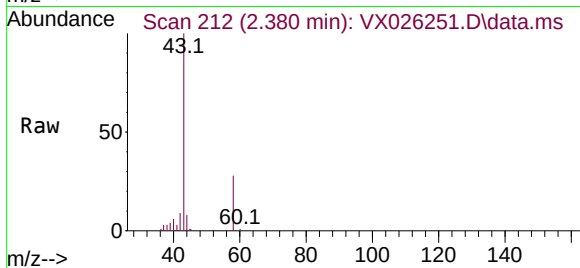




#16
Acetone
Concen: 5.972 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

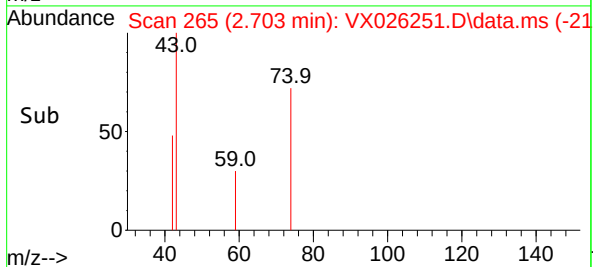
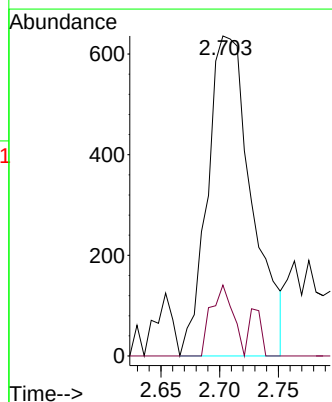
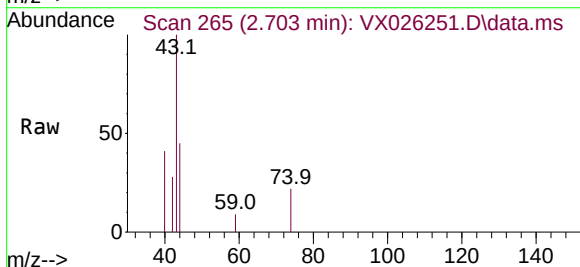
Instrument :
MSVOA_X
ClientSampleId :

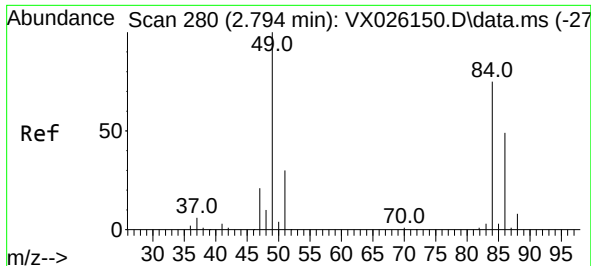
Tgt Ion: 43 Resp: 10214
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2



#18
Methyl Acetate
Concen: 0.301 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

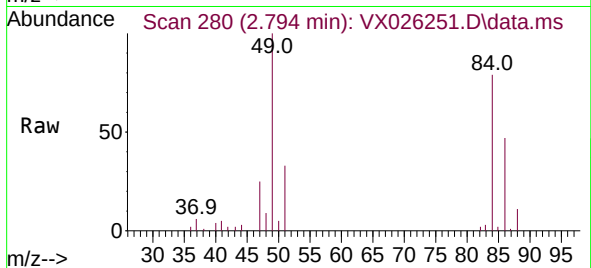
Tgt Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
74 10.9 19.1 28.7#



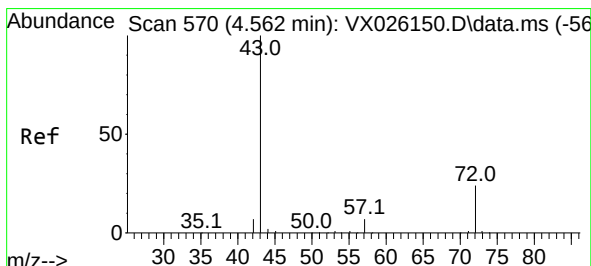
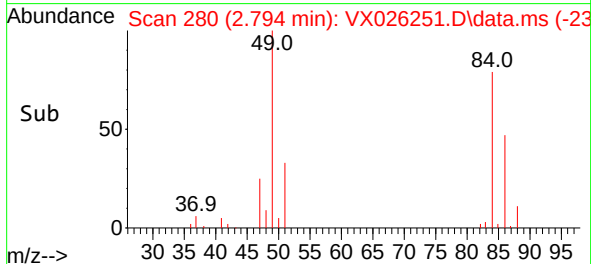
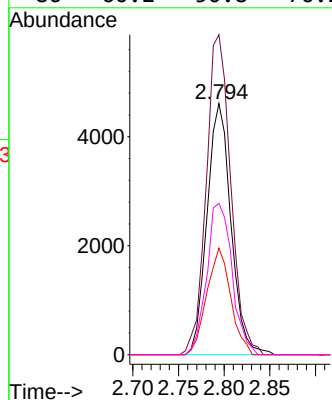


#20
Methylene Chloride
Concen: 2.164 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Instrument :
MSVOA_X
ClientSampleId :

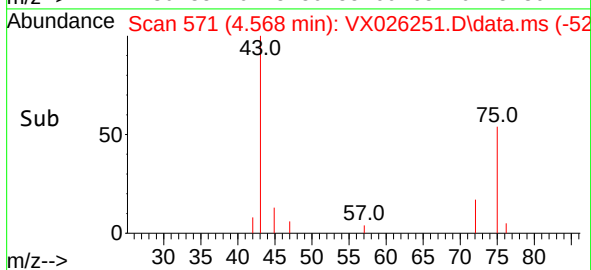
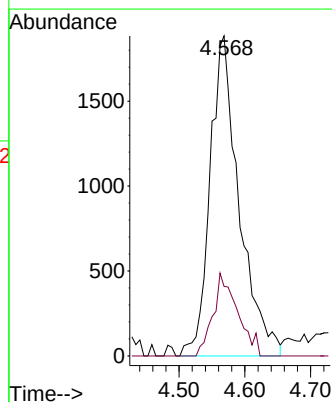
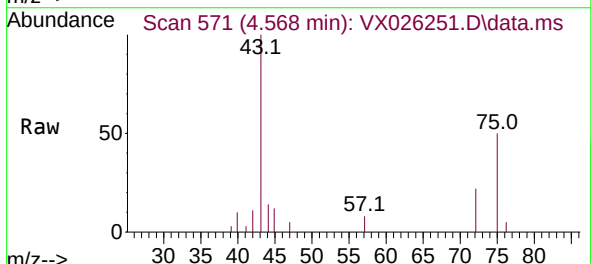


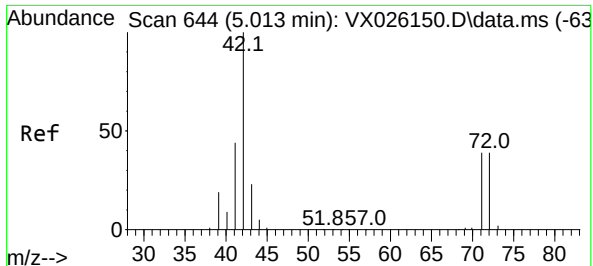
Tgt Ion:	84	Resp:	8391
Ion	Ratio	Lower	Upper
84	100		
49	127.4	97.1	145.7
51	42.4	29.3	43.9
86	60.2	50.8	76.2



#25
2-Butanone
Concen: 2.439 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion:	43	Resp:	5810
Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.476 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX026251.D

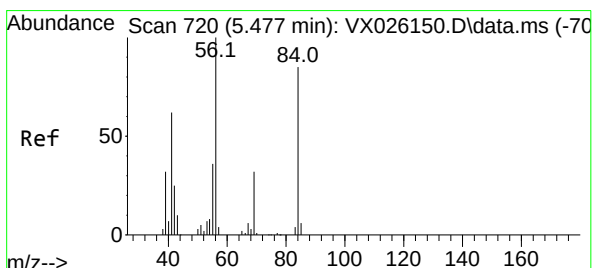
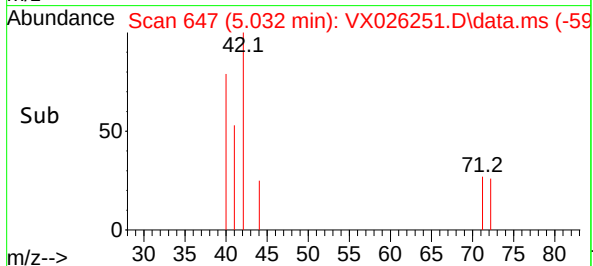
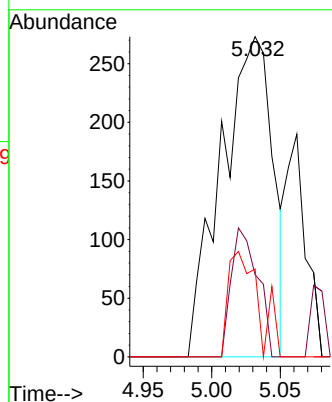
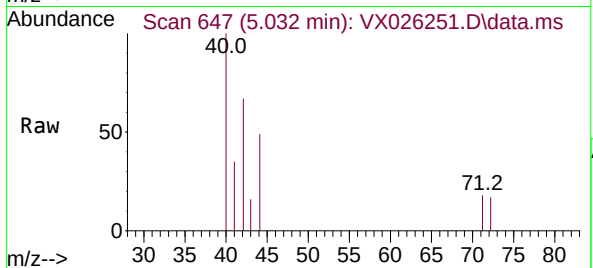
Acq: 04 Jan 2022 03:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	715
Ion	Ratio	Lower	Upper
42	100		
72	20.6	37.0	55.6#
71	19.3	34.1	51.1#



#31

Cyclohexane

Concen: 1.224 ug/l

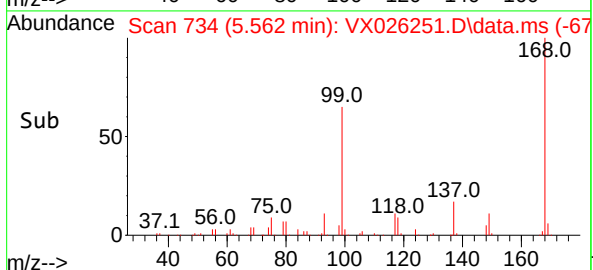
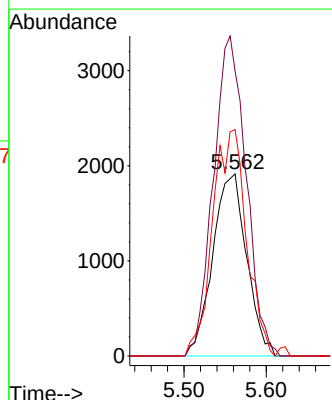
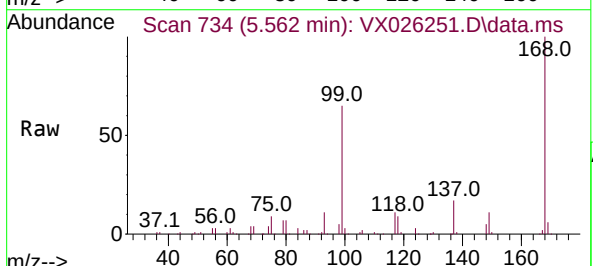
RT: 5.562 min Scan# 734

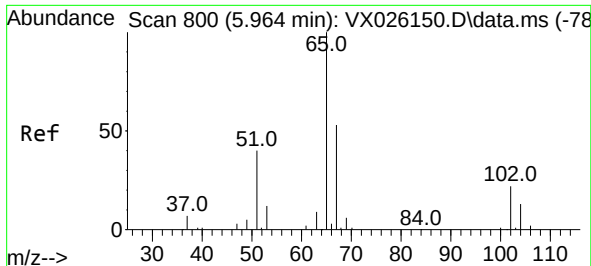
Delta R.T. 0.085 min

Lab File: VX026251.D

Acq: 04 Jan 2022 03:56

Tgt Ion:	56	Resp:	5500
Ion	Ratio	Lower	Upper
56	100		
69	156.4	23.9	35.9#
84	124.3	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026251.D

Acq: 04 Jan 2022 03:56

Instrument :

MSVOA_X

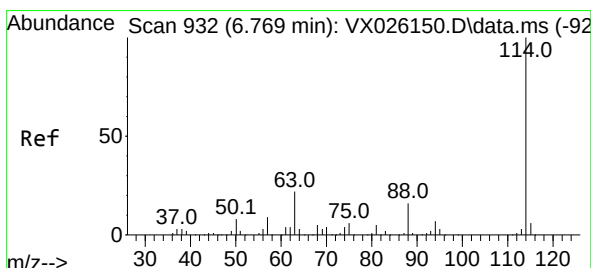
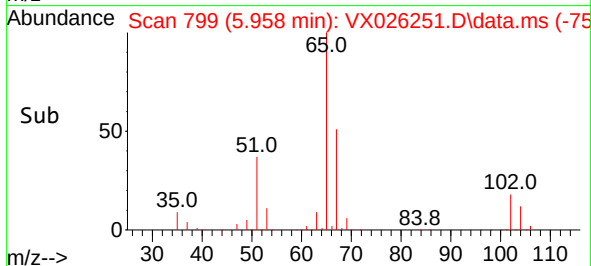
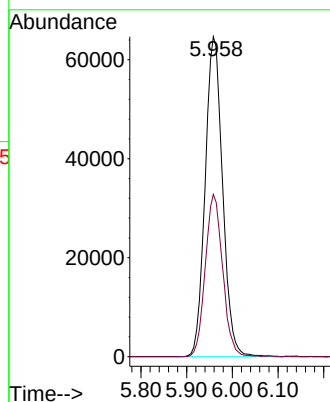
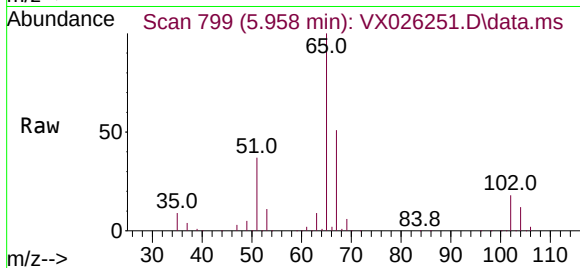
ClientSampleId :

Tgt Ion: 65 Resp: 171503

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026251.D

Acq: 04 Jan 2022 03:56

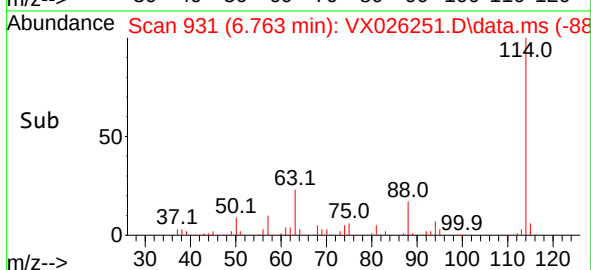
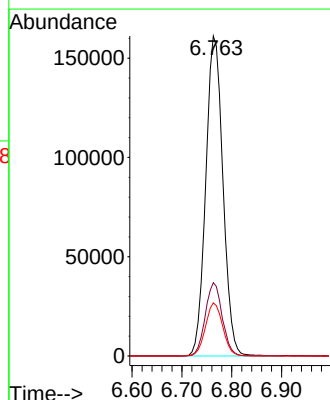
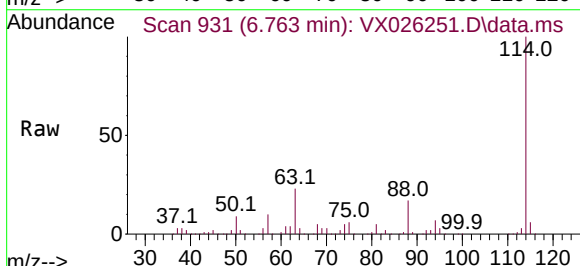
Tgt Ion: 114 Resp: 386113

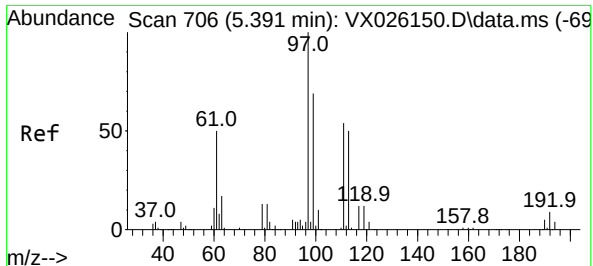
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.059 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

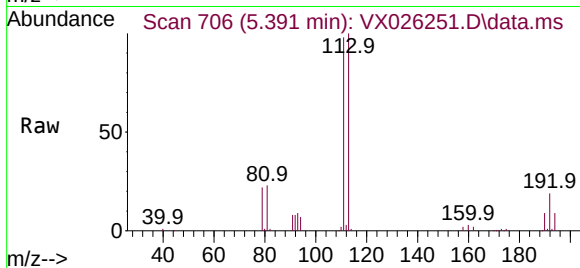
Lab File: VX026251.D

Acq: 04 Jan 2022 03:56

Instrument :

MSVOA_X

ClientSampleId :



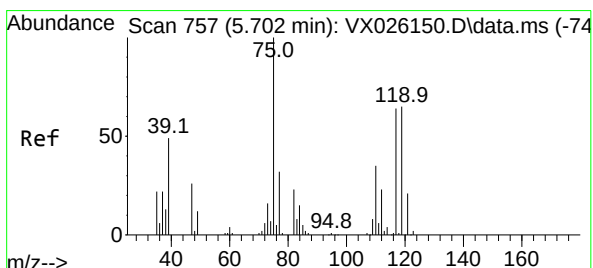
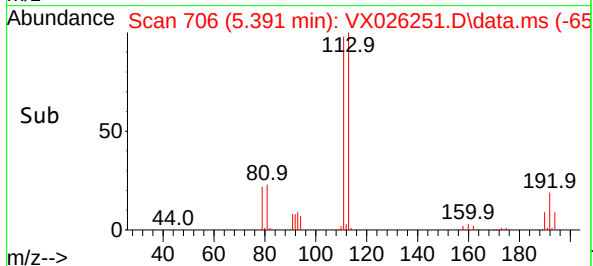
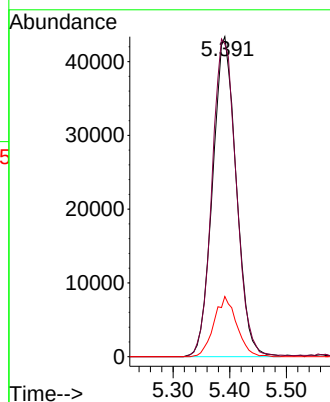
Tgt Ion:113 Resp: 125660

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 18.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.758 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026251.D

Acq: 04 Jan 2022 03:56

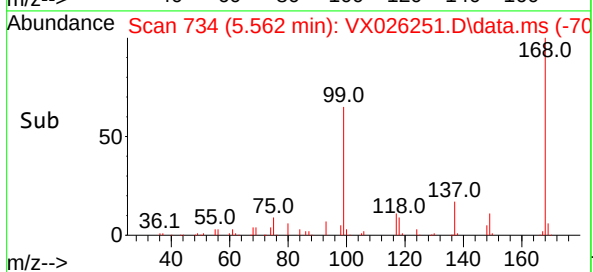
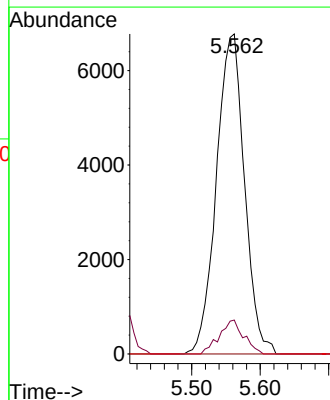
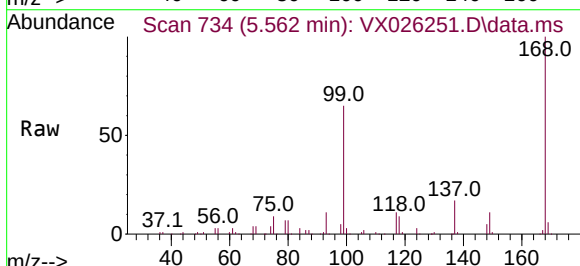
Tgt Ion: 75 Resp: 19263

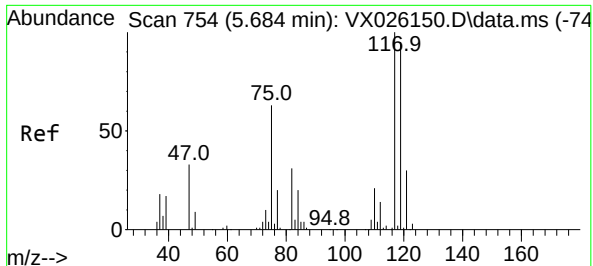
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

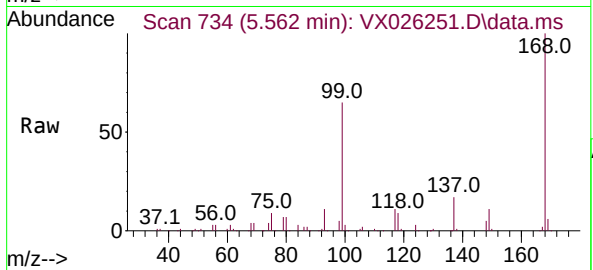
77 0.0 24.7 37.1#



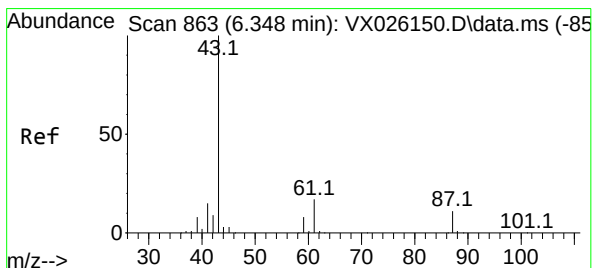
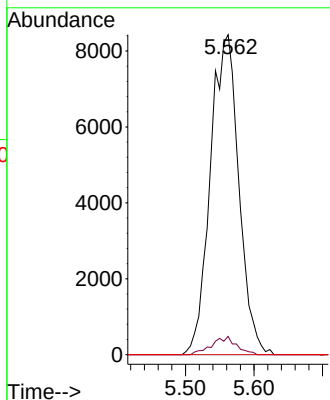
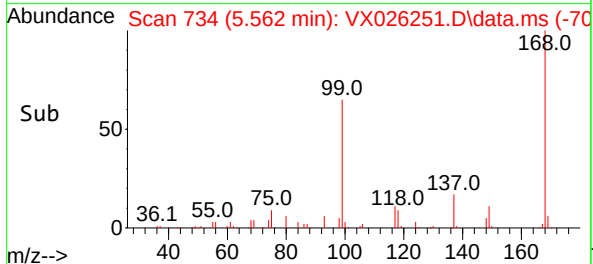


#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Instrument :
MSVOA_X
ClientSampleId :

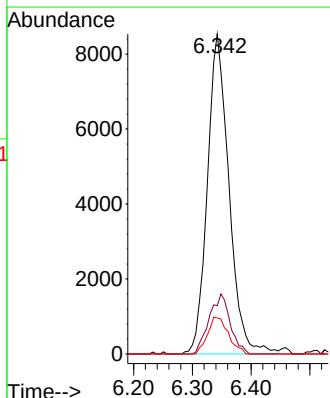
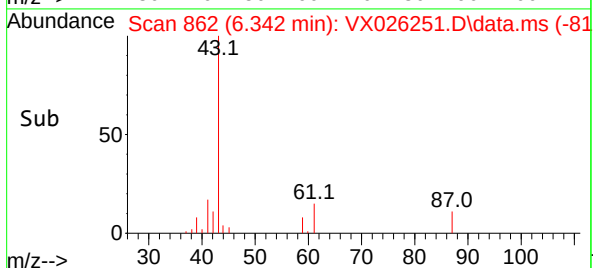
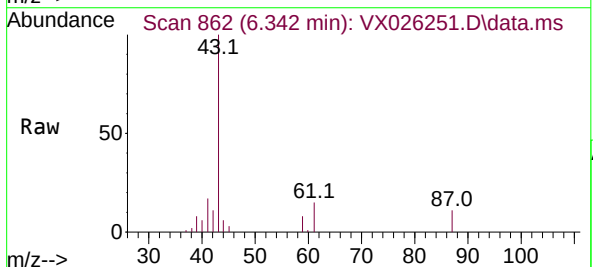


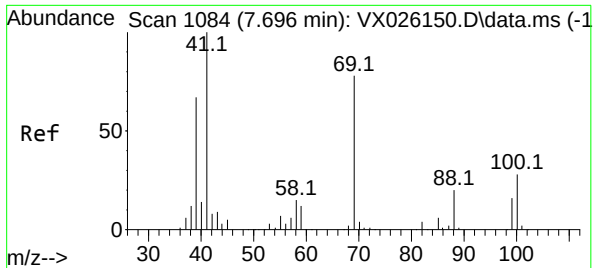
Tgt Ion:117 Resp: 24295
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.852 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion: 43 Resp: 21822
Ion Ratio Lower Upper
43 100
61 18.3 15.7 23.5
87 11.0 11.2 16.8#

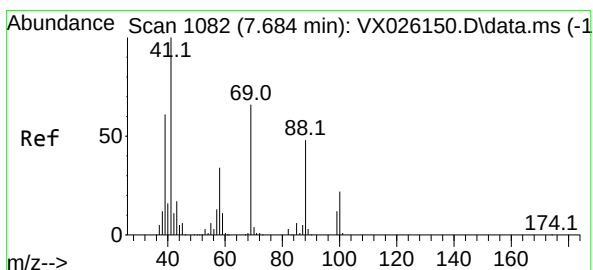
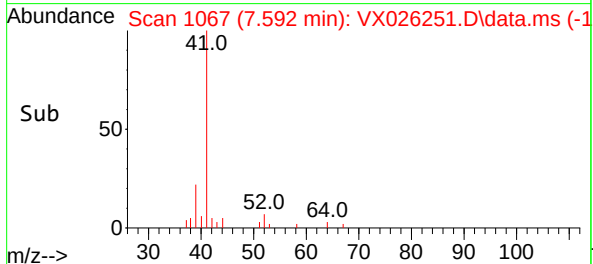
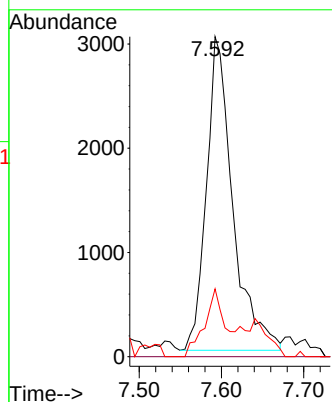
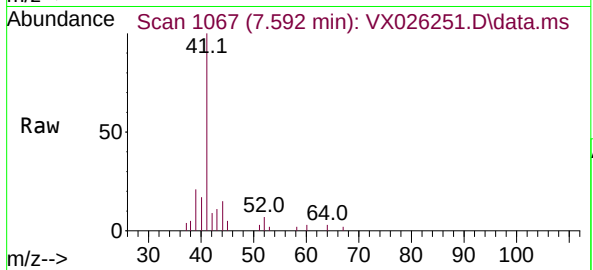




#48
Methyl methacrylate
Concen: 1.827 ug/l
RT: 7.592 min Scan# 1100
Delta R.T. -0.104 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

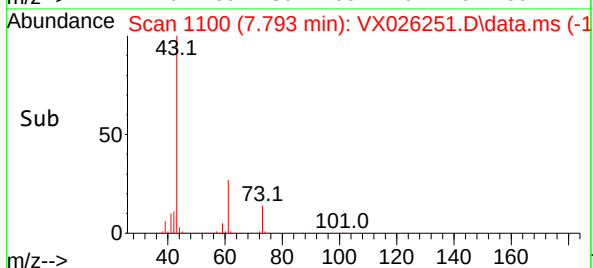
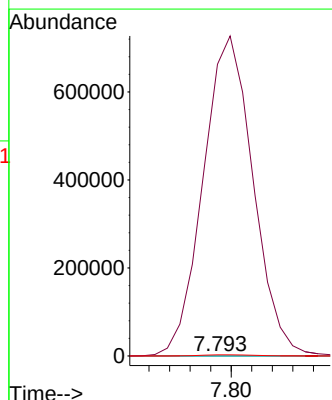
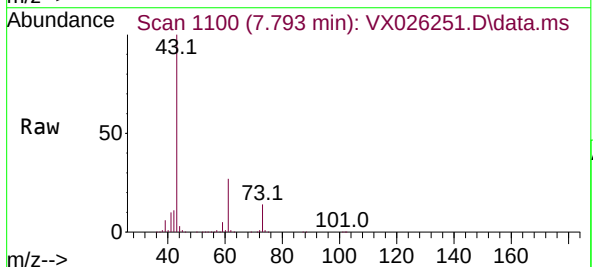
Instrument :
MSVOA_X
ClientSampleId :

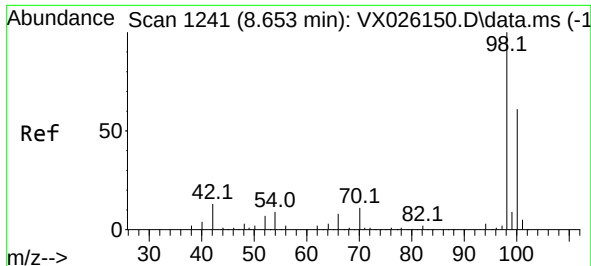
Tgt Ion: 41 Resp: 6703
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 3.106 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 589000.5 25.3 37.9#
58 2347.1 51.8 77.6#

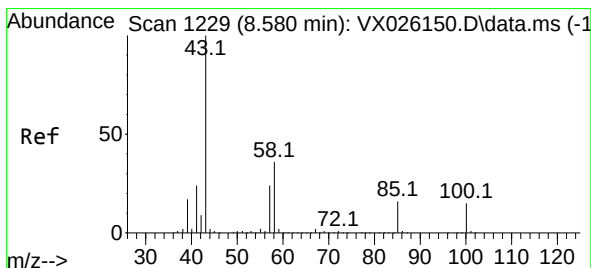
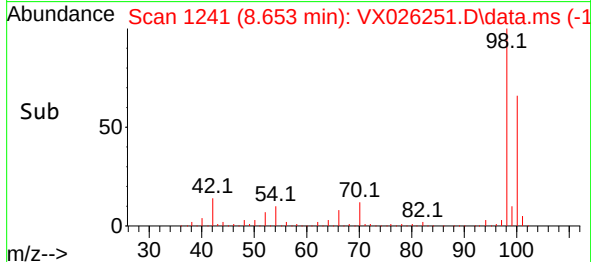
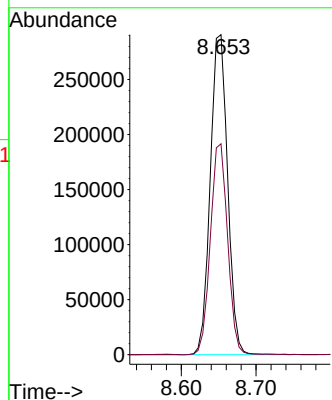
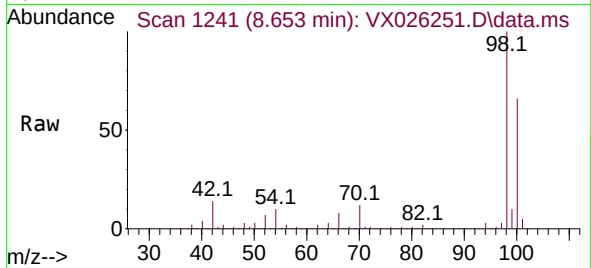




#50
Toluene-d8
Concen: 50.176 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

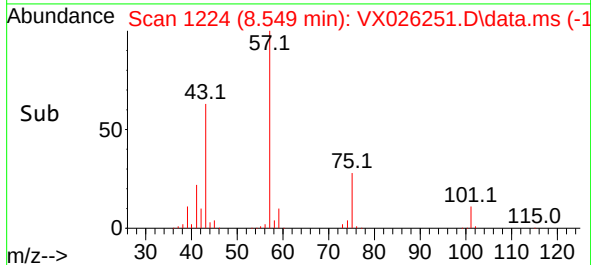
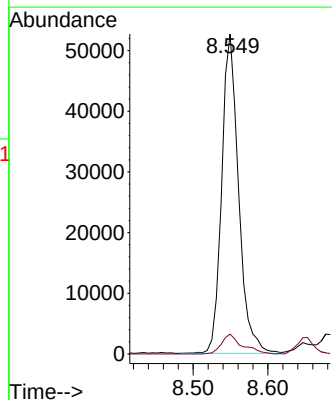
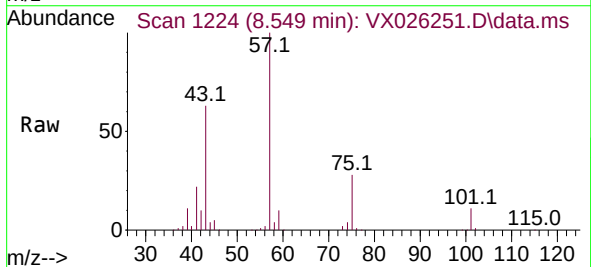
Instrument :
MSVOA_X
ClientSampleId :

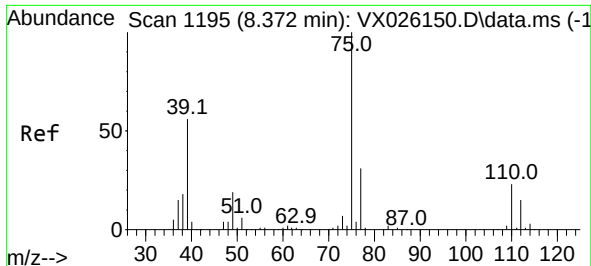
Tgt Ion: 98 Resp: 468503
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 17.391 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion: 43 Resp: 82803
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#

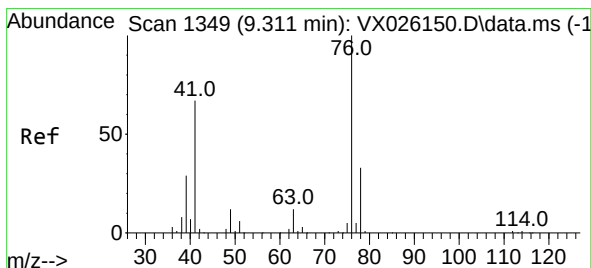
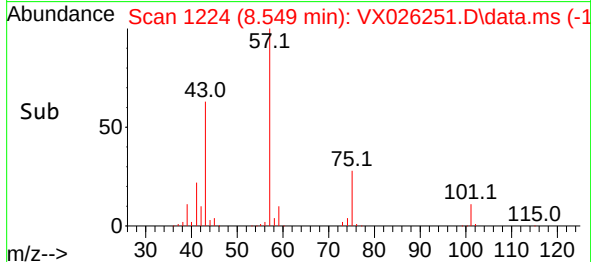
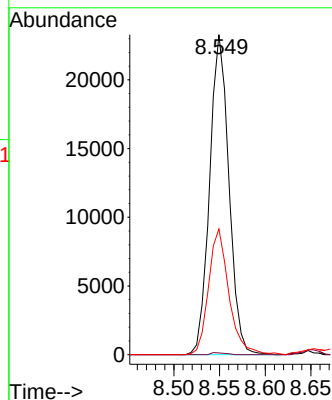
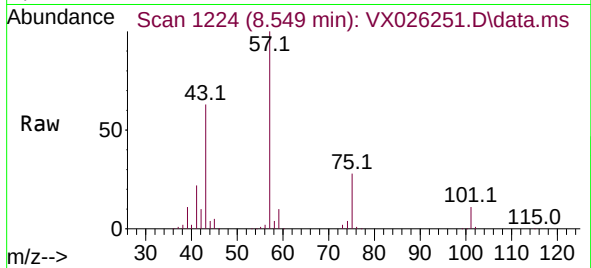




#54
 cis-1,3-Dichloropropene
 Concen: 7.229 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026251.D
 Acq: 04 Jan 2022 03:56

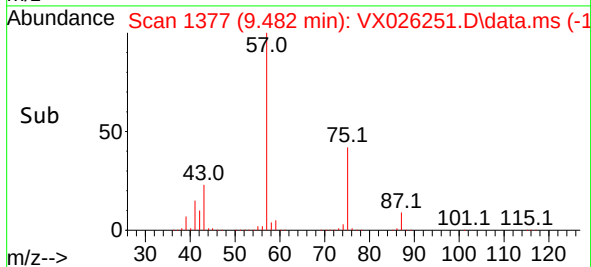
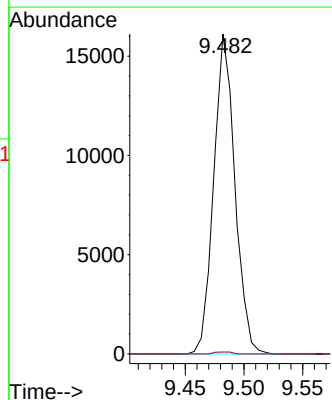
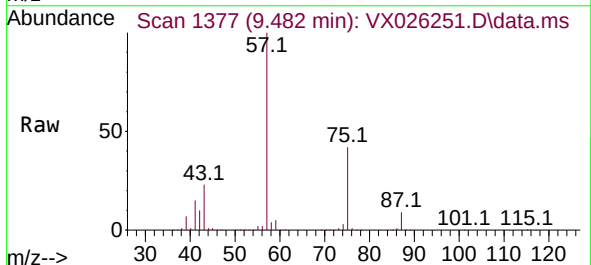
Instrument :
 MSVOA_X
 ClientSampleId :

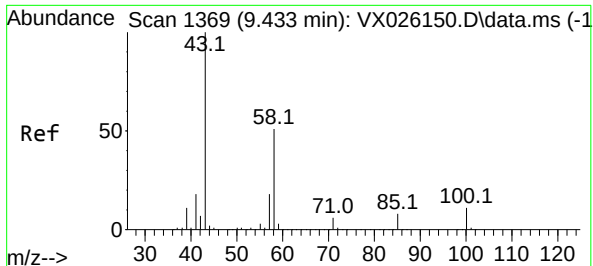
Tgt Ion: 75 Resp: 34077
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 39.3 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.037 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026251.D
 Acq: 04 Jan 2022 03:56

Tgt Ion: 76 Resp: 20215
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.0 39.0#

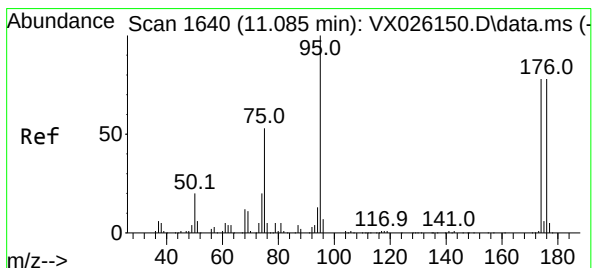
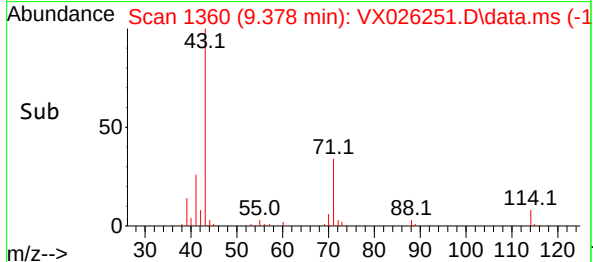
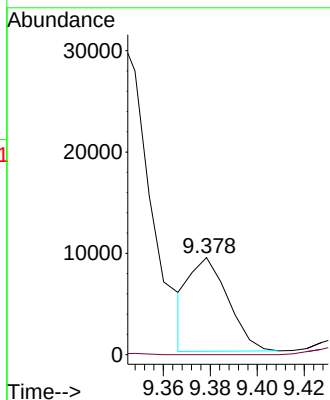
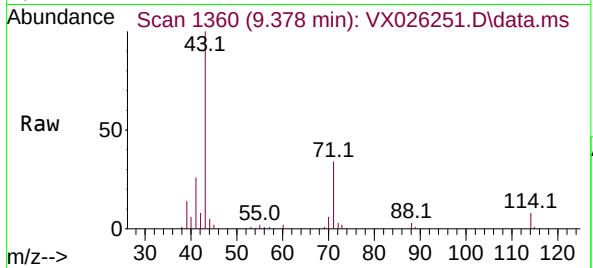




#59
2-Hexanone
Concen: 2.925 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

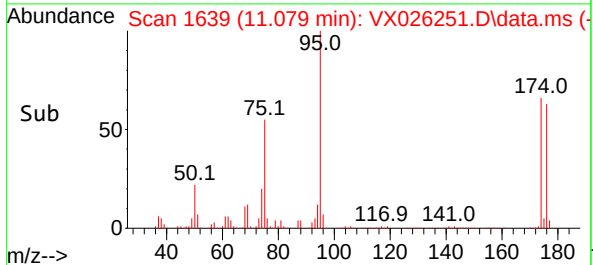
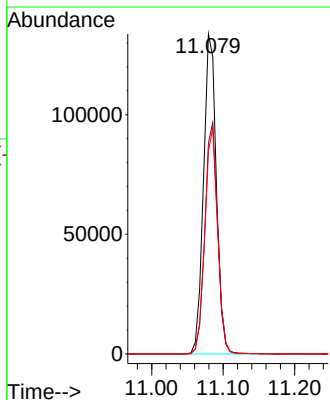
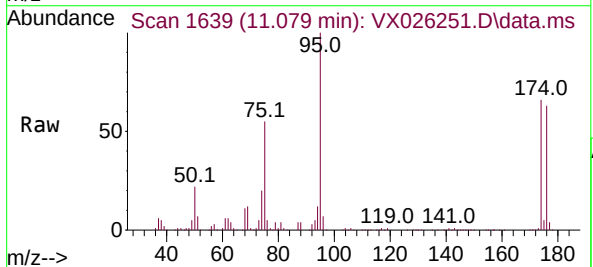
Instrument :
MSVOA_X
ClientSampleId :

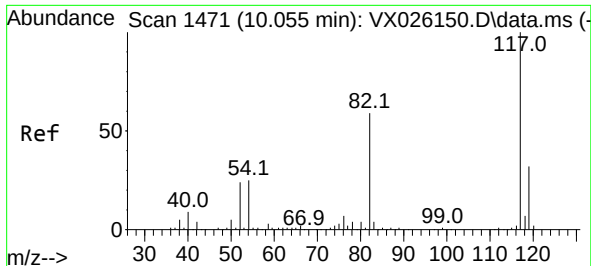
Tgt Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 50.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion: 95 Resp: 167030
Ion Ratio Lower Upper
95 100
174 72.2 0.0 157.4
176 70.2 0.0 154.6

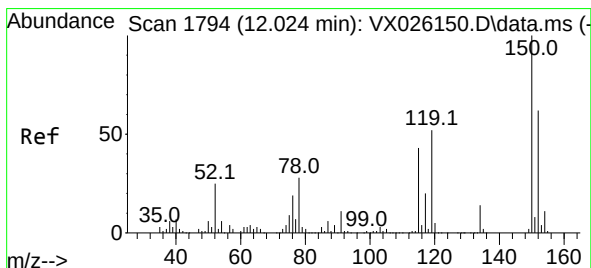
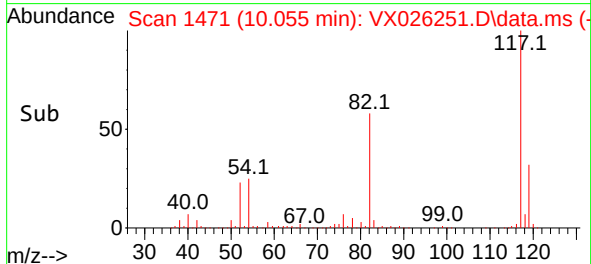
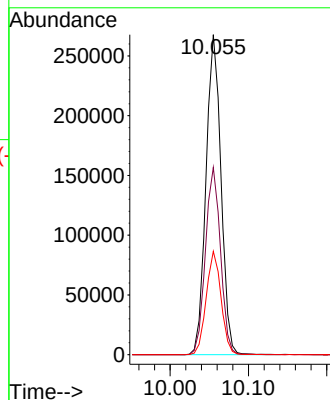
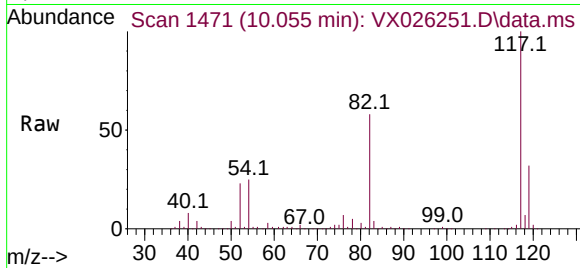




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

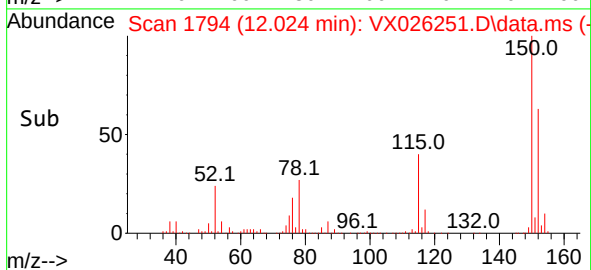
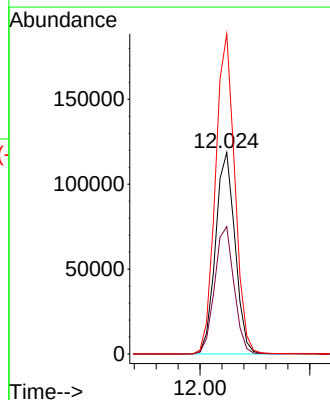
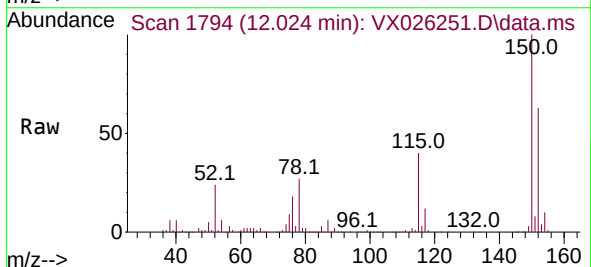
Instrument :
MSVOA_X
ClientSampleId :

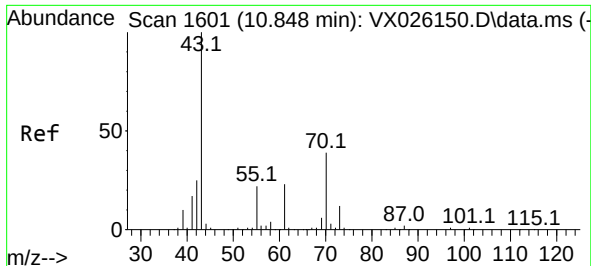
Tgt Ion:117 Resp: 355504
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

Tgt Ion:152 Resp: 146772
Ion Ratio Lower Upper
152 100
115 62.9 41.3 123.9
150 157.5 0.0 351.8

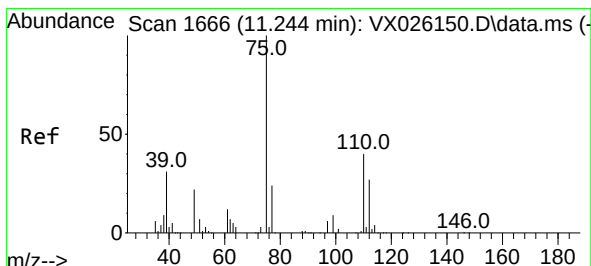
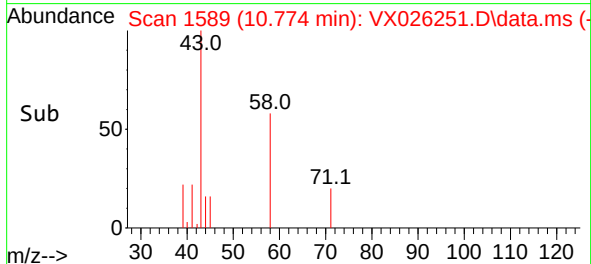
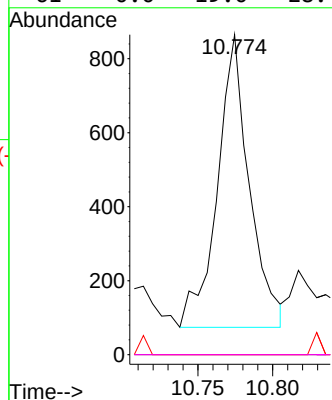
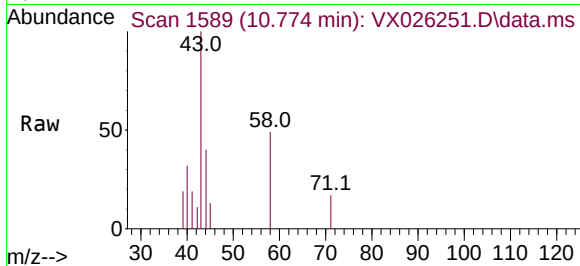




#74
N-amy1 acetate
Concen: 0.224 ug/l
RT: 10.774 min Scan# 1173
Delta R.T. -0.074 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

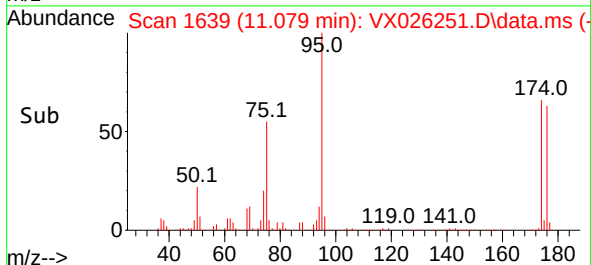
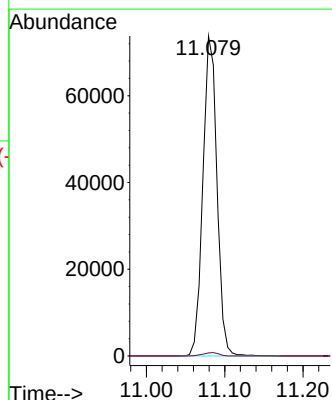
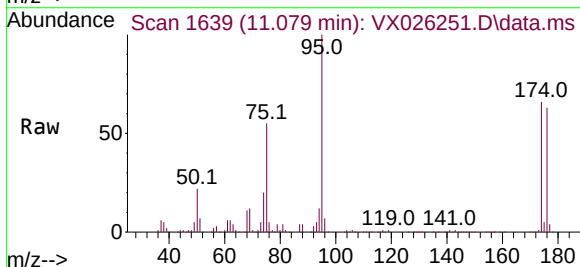
Instrument :
MSVOA_X
ClientSampleId :

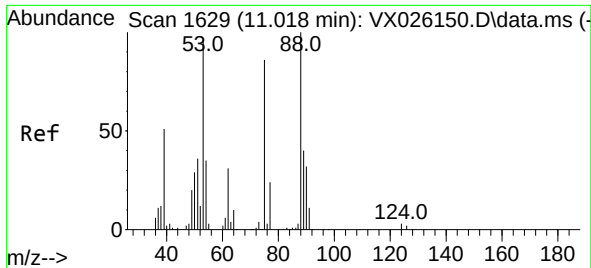
Tgt Ion: 43	Resp: 1173
Ion Ratio	Lower Upper
43	100
70	0.0 34.1 51.1#
55	0.0 19.2 28.8#
61	0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 25.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026251.D
Acq: 04 Jan 2022 03:56

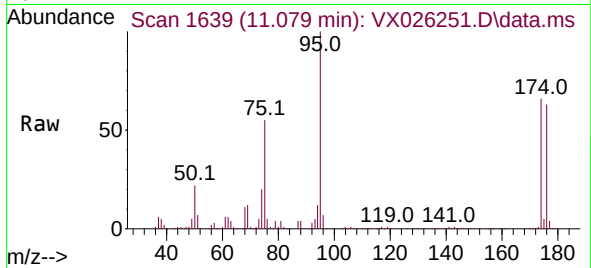
Tgt Ion: 75	Resp: 92026
Ion Ratio	Lower Upper
75	100
77	1.2 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.149 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026251.D
 Acq: 04 Jan 2022 03:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 92026
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

