

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026253.D
 Acq On : 04 Jan 2022 04:42
 Operator : JC/MD
 Sample : M5331-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 17:28:16 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	209842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137057	50.000	ug/l	0.00

System Monitoring Compounds

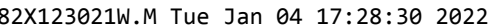
33) 1,2-Dichloroethane-d4	5.958	65	164869	54.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.620%	
35) Dibromofluoromethane	5.391	113	119039	49.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.640%	
50) Toluene-d8	8.653	98	446801	50.277	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	11.079	95	157812	49.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	

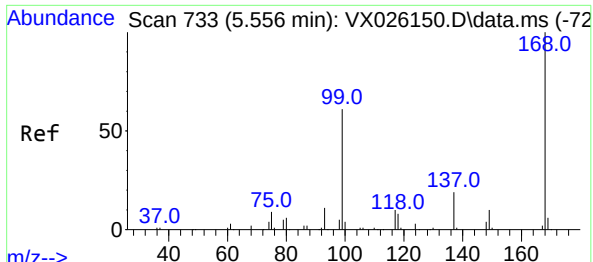
Target Compounds

						Qvalue
11) Tert butyl alcohol	2.952	59	2592	4.275	ug/l #	75
16) Acetone	2.379	43	12742	7.747	ug/l	94
18) Methyl Acetate	2.709	43	1508	0.283	ug/l #	81
20) Methylene Chloride	2.794	84	33351	11.962	ug/l	91
25) 2-Butanone	4.562	43	7053	3.078	ug/l	91
29) Tetrahydrofuran	5.019	42	704	0.487	ug/l #	35
31) Cyclohexane	5.550	56	5624	1.301	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	18371	4.767	ug/l #	49
38) Carbon Tetrachloride	5.556	117	22805	5.320	ug/l #	17
43) Isopropyl Acetate	6.348	43	18871	2.591	ug/l	95
48) Methyl methacrylate	7.592	41	6113	1.750	ug/l #	12
49) 1,4-Dioxane	7.805	88	114	1.771	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	70742	15.611	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	28340	6.316	ug/l #	68
57) 1,3-Dichloropropane	9.488	76	16399	3.440	ug/l #	42
59) 2-Hexanone	9.482	43	247985	72.243	ug/l #	50
74) N-amyl acetate	10.768	43	1539	0.315	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	86485	26.142	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	86485	75.630	ug/l #	10

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

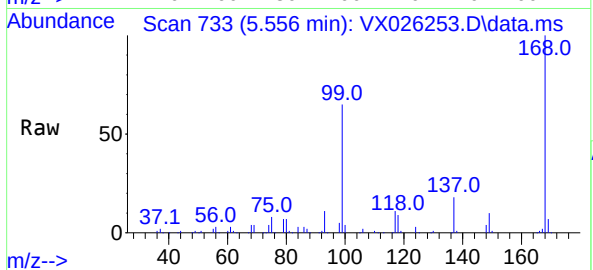
Quant Time: Jan 04 17:28:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



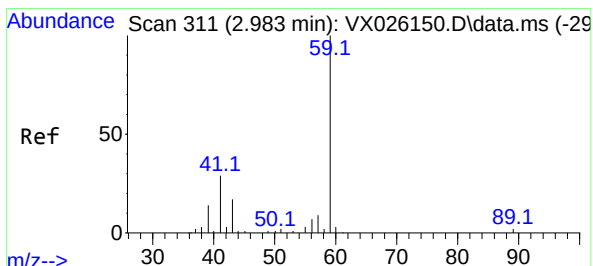
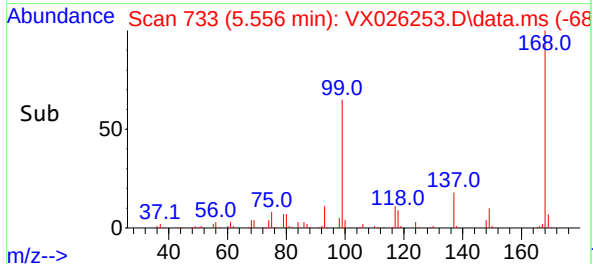
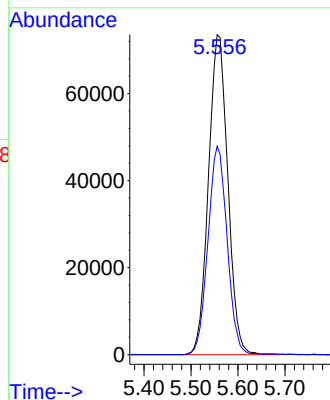


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :

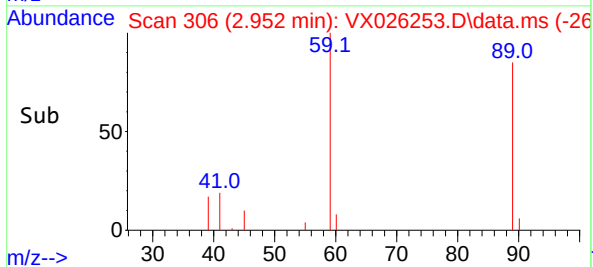
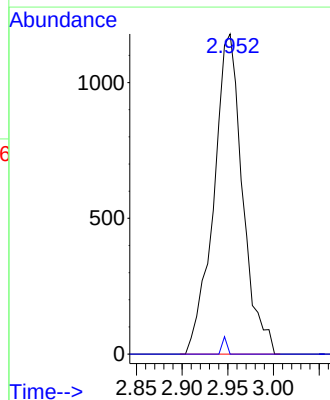
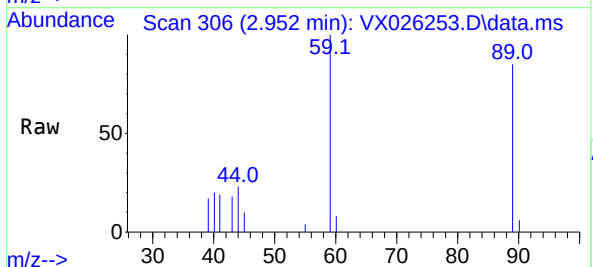


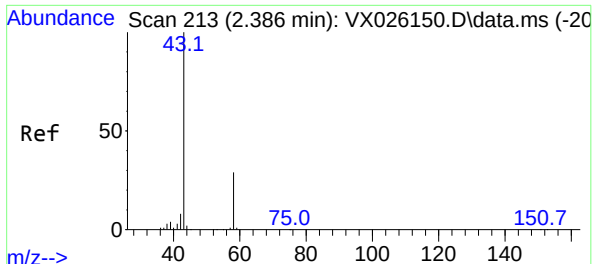
Tgt Ion:168 Resp: 209842
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 4.275 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Tgt Ion: 59 Resp: 2592
Ion Ratio Lower Upper
59 100
57 0.9 8.2 12.2#

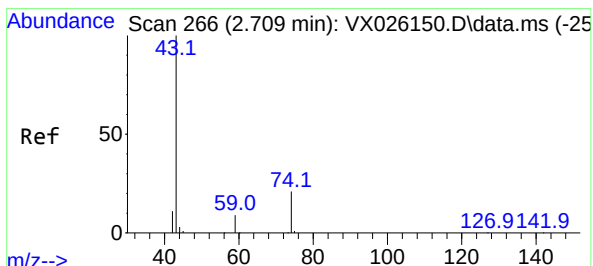
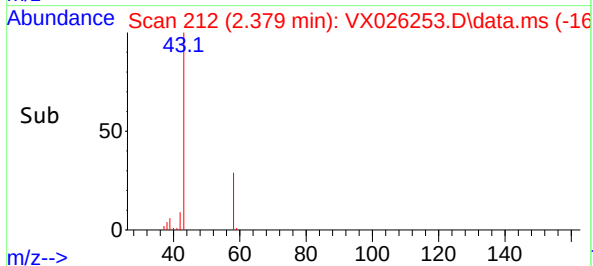
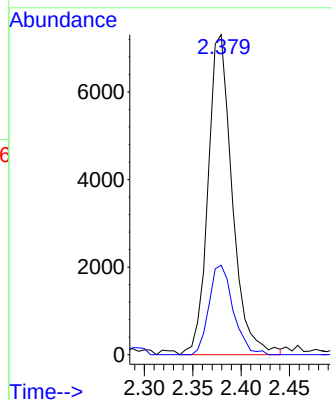
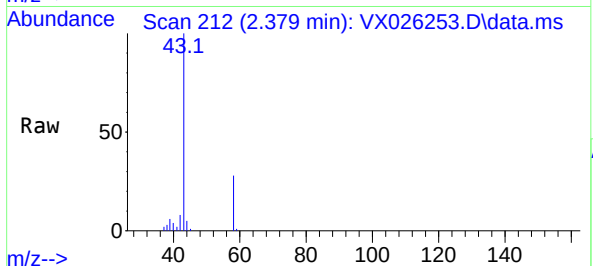




#16
Acetone
Concen: 7.747 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

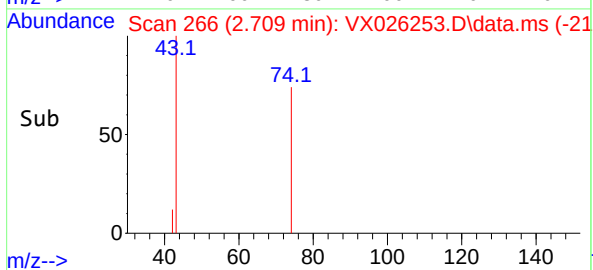
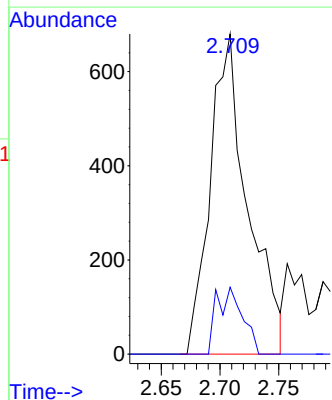
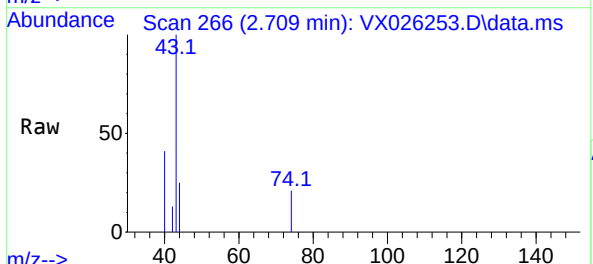
Instrument :
MSVOA_X
ClientSampleId :

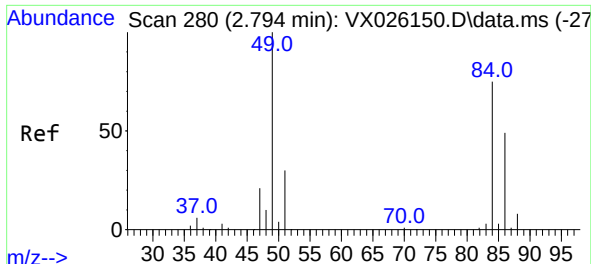
Tgt Ion: 43 Resp: 12742
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2



#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

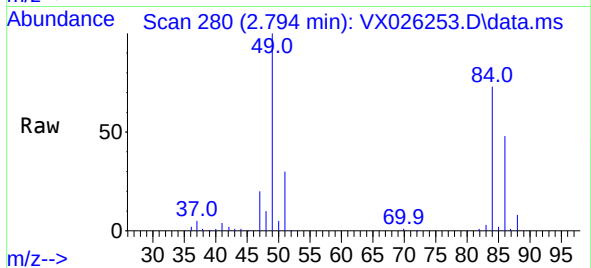
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
74 14.3 19.1 28.7#





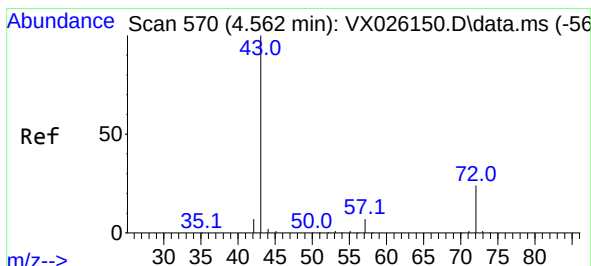
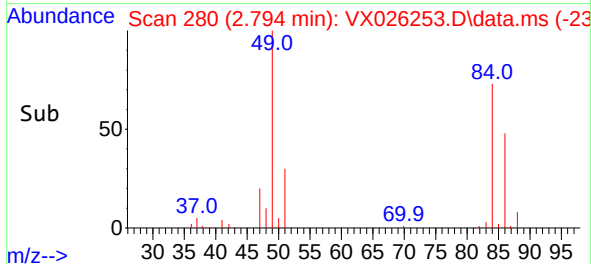
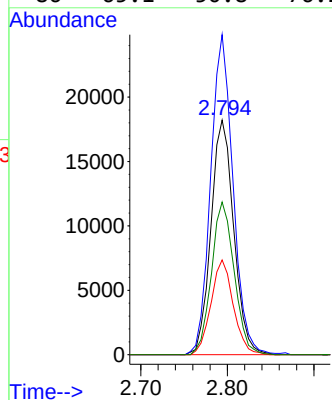
#20
Methylene Chloride
Concen: 11.962 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 33351

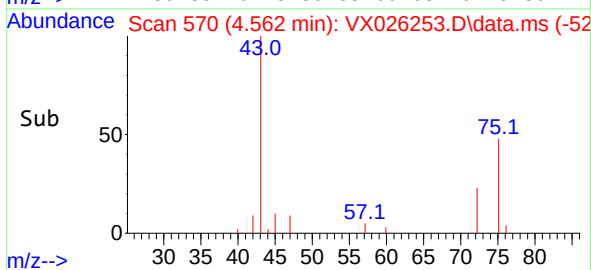
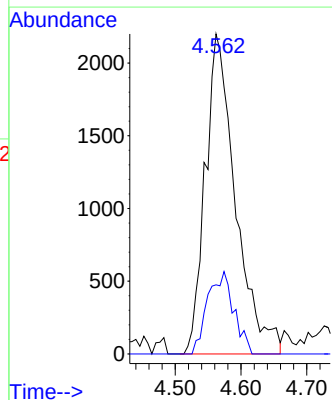
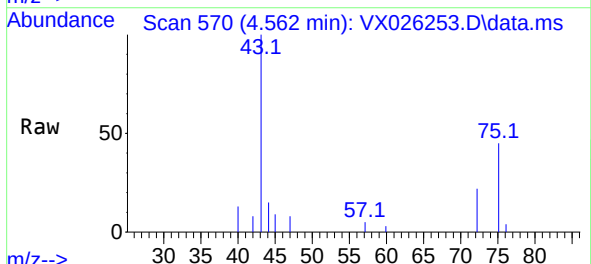
Ion	Ratio	Lower	Upper
84	100		
49	136.4	97.1	145.7
51	40.3	29.3	43.9
86	65.1	50.8	76.2

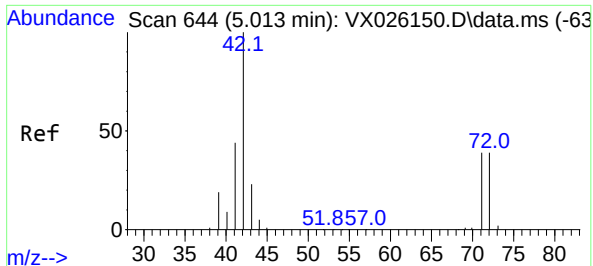


#25
2-Butanone
Concen: 3.078 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Tgt Ion: 43 Resp: 7053

Ion	Ratio	Lower	Upper
43	100		
72	21.6	21.0	31.4

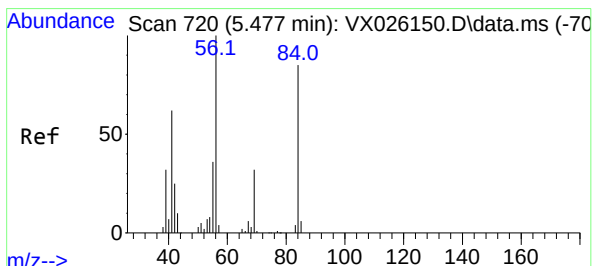
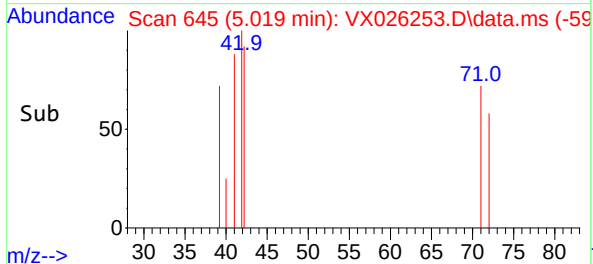
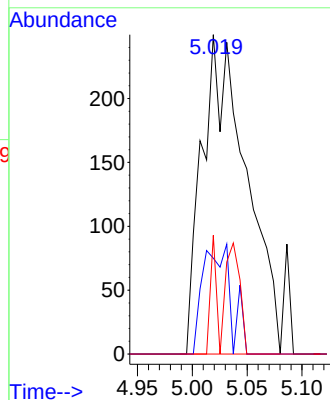
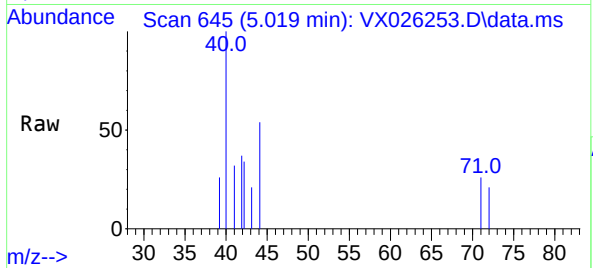




#29
Tetrahydrofuran
Concen: 0.487 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

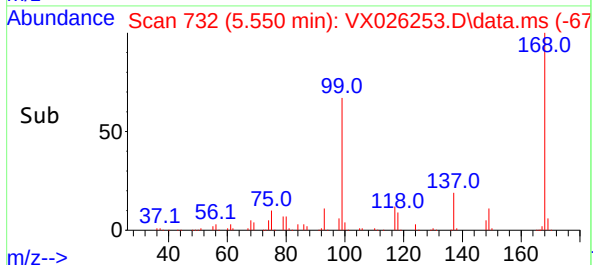
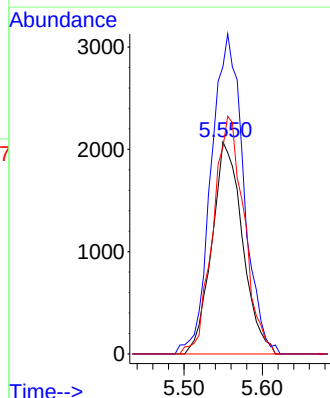
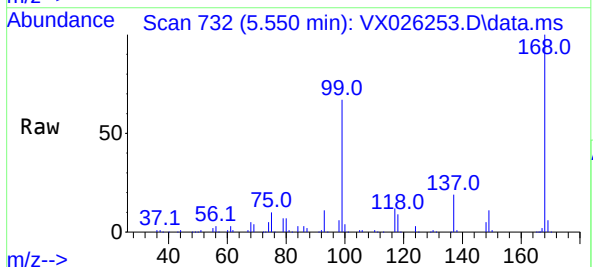
Instrument :
MSVOA_X
ClientSampleId :

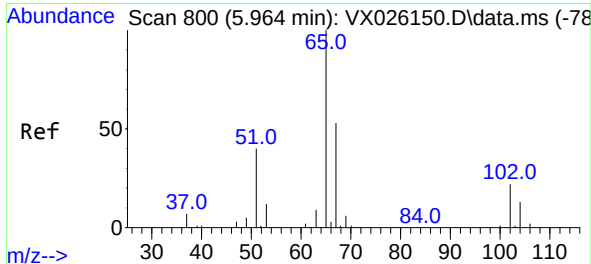
Tgt Ion: 42 Resp: 704
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.6#
71 4.8 34.1 51.1#



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Tgt Ion: 56 Resp: 5624
Ion Ratio Lower Upper
56 100
69 135.4 23.9 35.9#
84 97.5 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 54.308 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026253.D

Acq: 04 Jan 2022 04:42

Instrument :

MSVOA_X

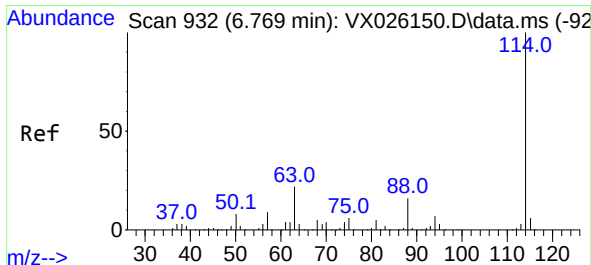
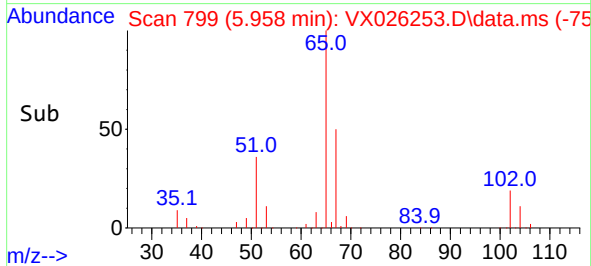
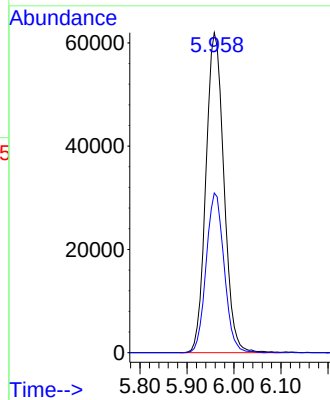
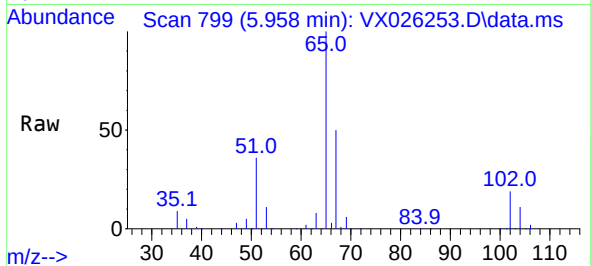
ClientSampleId :

Tgt Ion: 65 Resp: 164869

Ion Ratio Lower Upper

65 100

67 49.8 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: VX026253.D

Acq: 04 Jan 2022 04:42

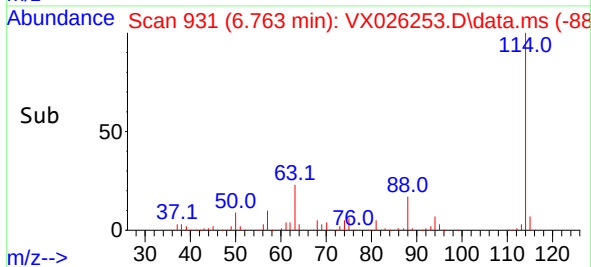
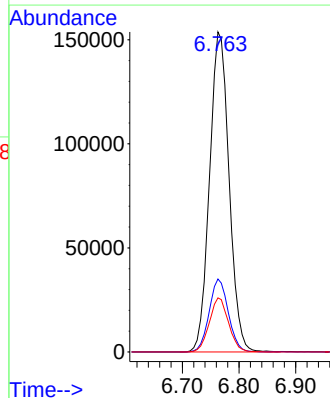
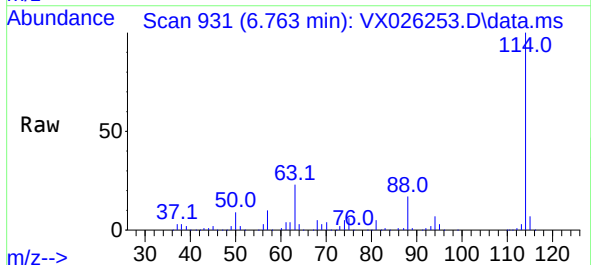
Tgt Ion: 114 Resp: 367490

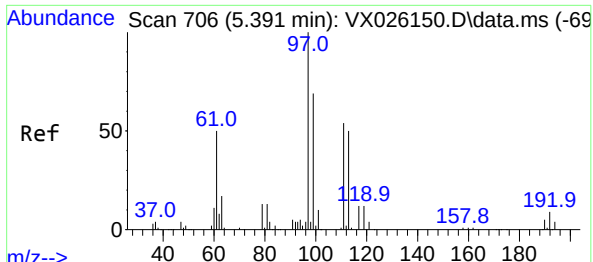
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.824 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

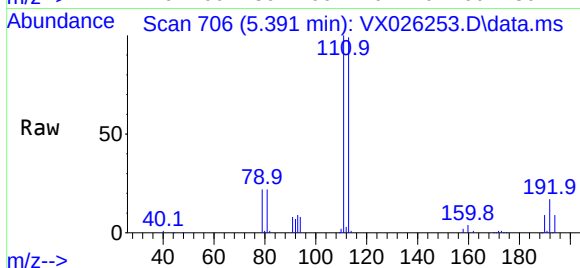
Lab File: VX026253.D

Acq: 04 Jan 2022 04:42

Instrument :

MSVOA_X

ClientSampleId :



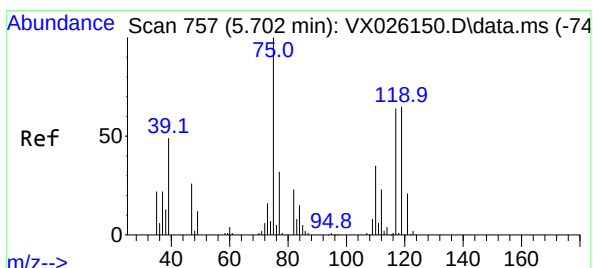
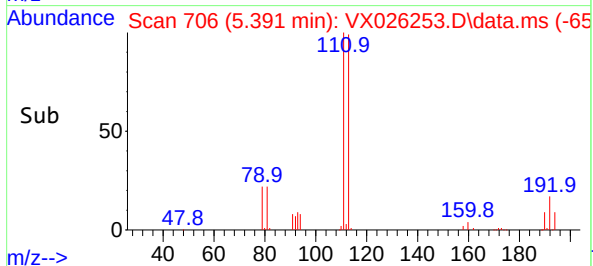
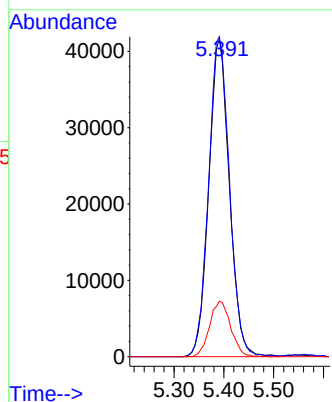
Tgt Ion:113 Resp: 119039

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 17.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.767 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026253.D

Acq: 04 Jan 2022 04:42

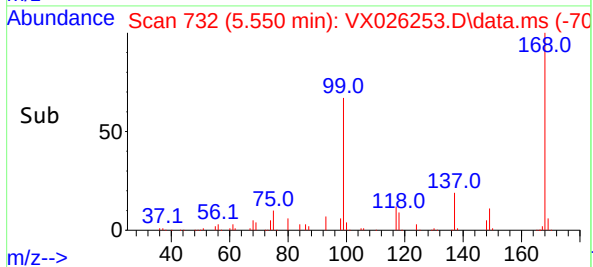
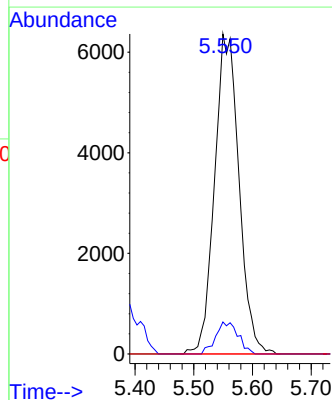
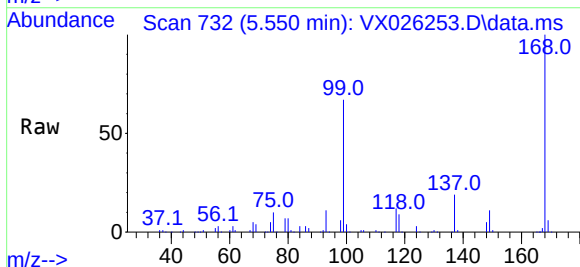
Tgt Ion: 75 Resp: 18371

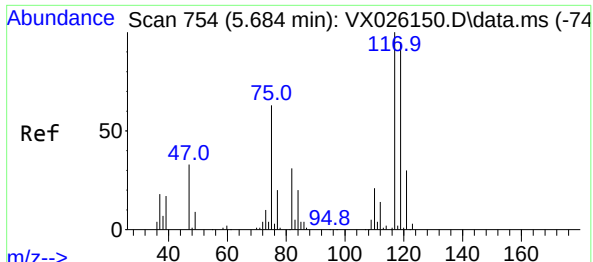
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

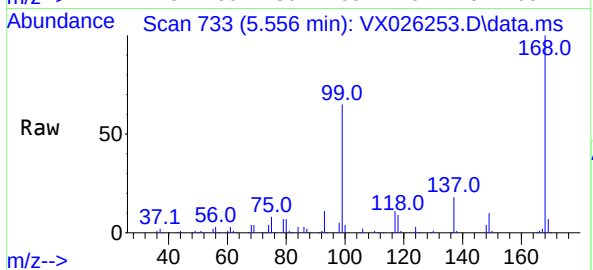
77 0.0 24.7 37.1#



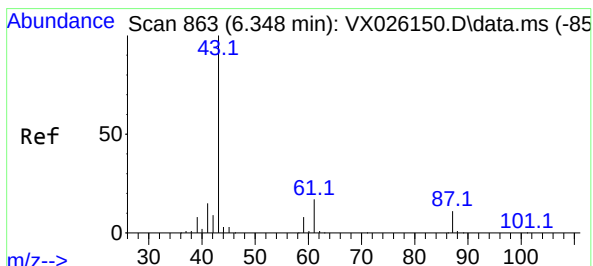
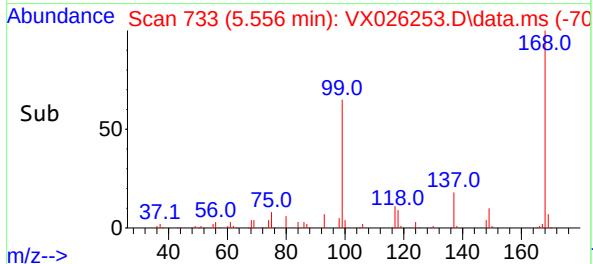
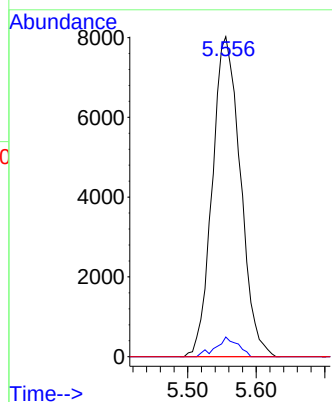


#38
Carbon Tetrachloride
Concen: 5.320 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :

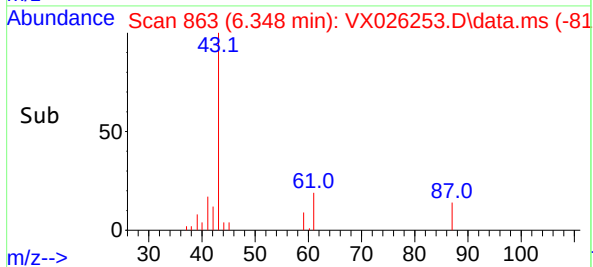
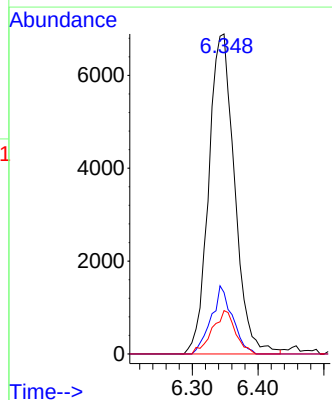
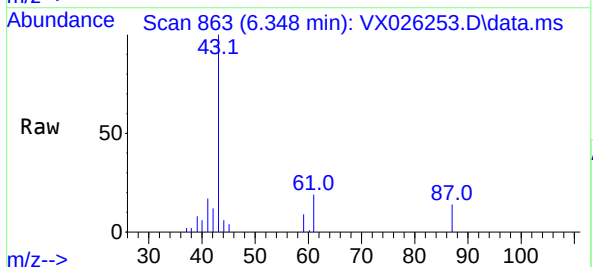


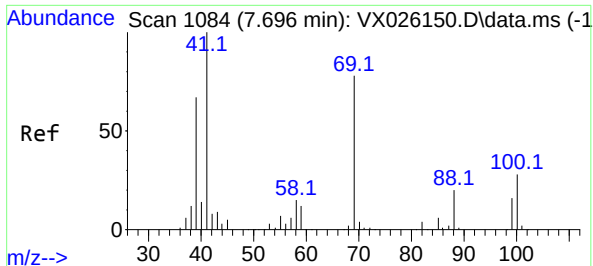
Tgt Ion:117 Resp: 22805
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.591 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Tgt Ion: 43 Resp: 18871
Ion Ratio Lower Upper
43 100
61 17.5 15.7 23.5
87 12.1 11.2 16.8

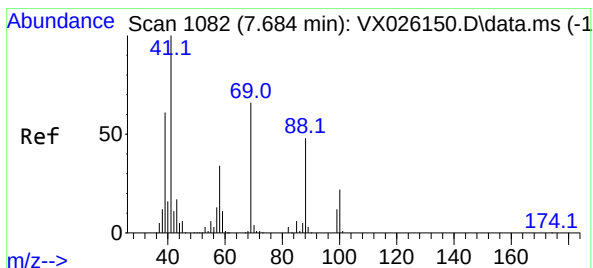
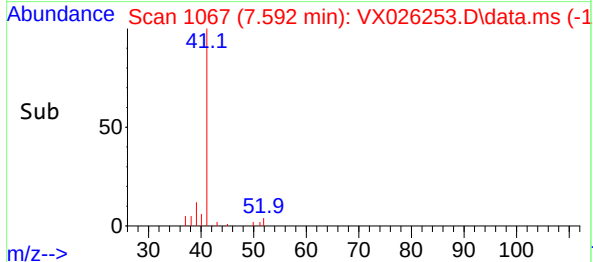
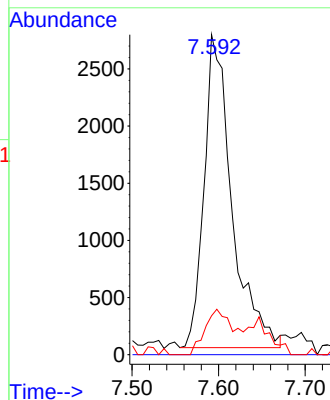
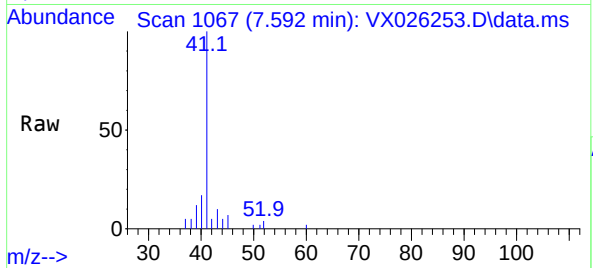




#48
Methyl methacrylate
Concen: 1.750 ug/l
RT: 7.592 min Scan# 1102
Delta R.T. -0.104 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

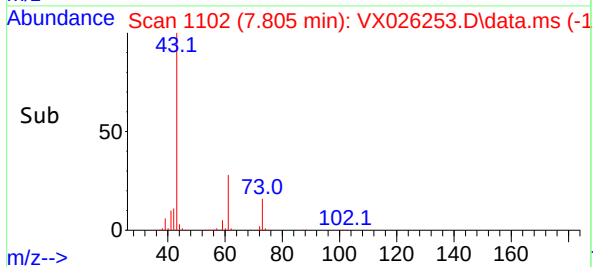
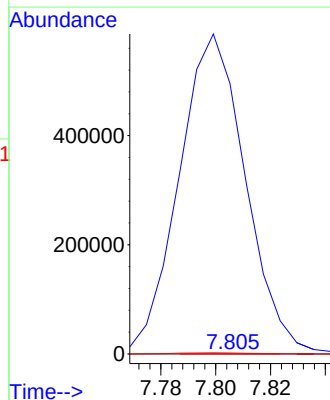
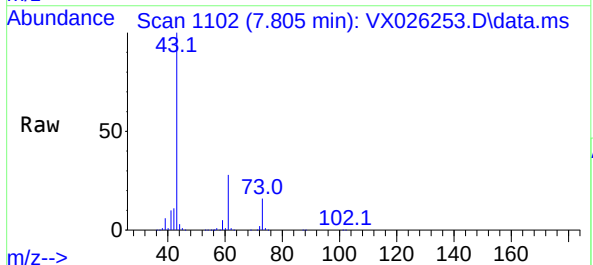
Instrument :
MSVOA_X
ClientSampleId :

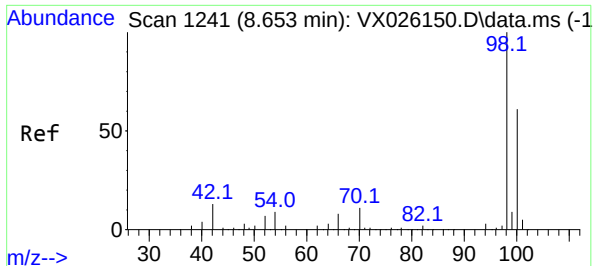
Tgt Ion: 41 Resp: 6113
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 1.771 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 874420.2 25.3 37.9#
58 3392.1 51.8 77.6#





#50

Toluene-d8

Concen: 50.277 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026253.D

Acq: 04 Jan 2022 04:42

Instrument :

MSVOA_X

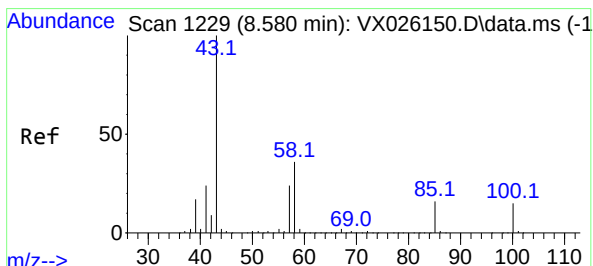
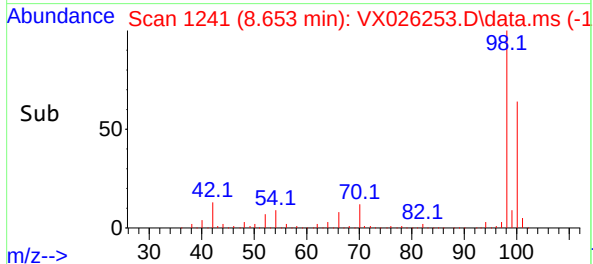
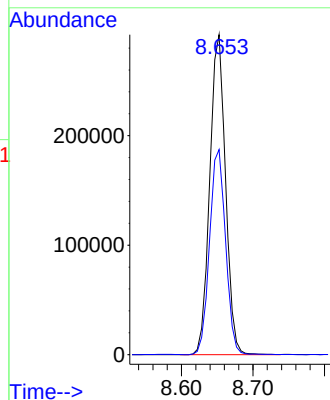
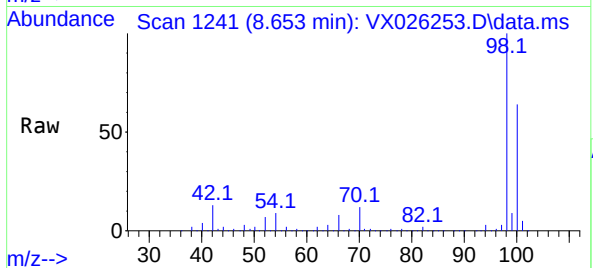
ClientSampleId :

Tgt Ion: 98 Resp: 446801

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 15.611 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX026253.D

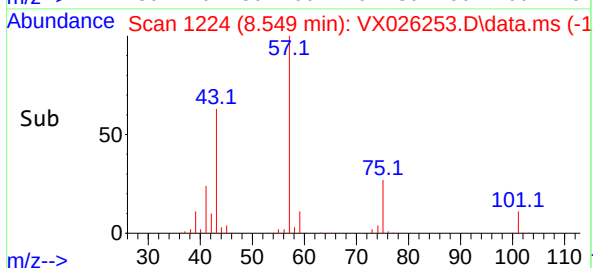
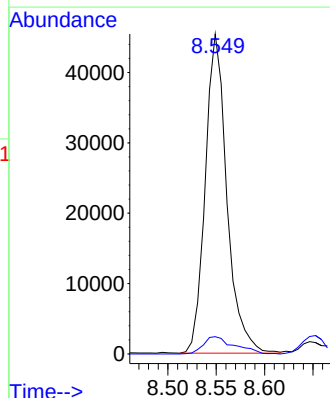
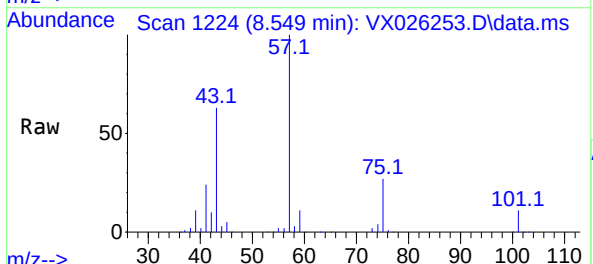
Acq: 04 Jan 2022 04:42

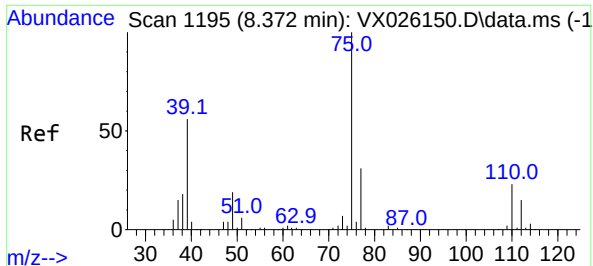
Tgt Ion: 43 Resp: 70742

Ion Ratio Lower Upper

43 100

58 7.8 30.8 46.2#





#54

cis-1,3-Dichloropropene

Concen: 6.316 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX026253.D

Acq: 04 Jan 2022 04:42

Instrument :

MSVOA_X

ClientSampleId :

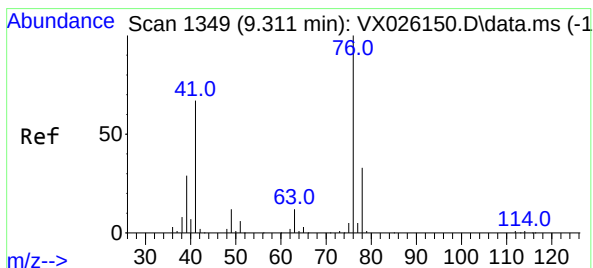
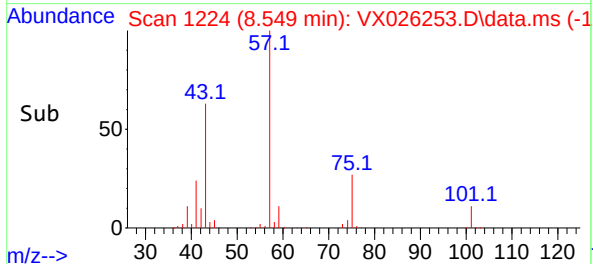
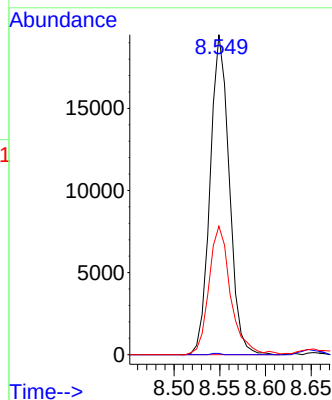
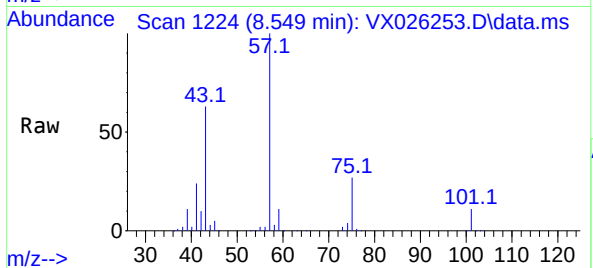
Tgt Ion: 75 Resp: 28340

Ion Ratio Lower Upper

75 100

77 0.4 25.3 37.9#

39 40.2 41.4 62.0#



#57

1,3-Dichloropropane

Concen: 3.440 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026253.D

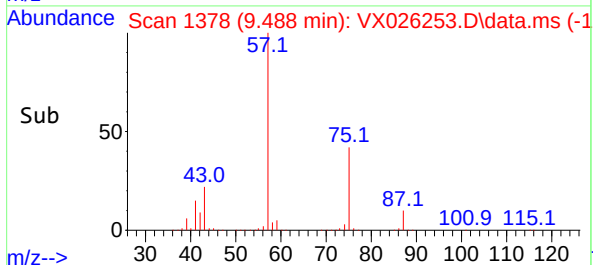
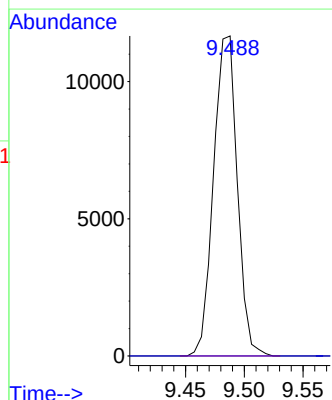
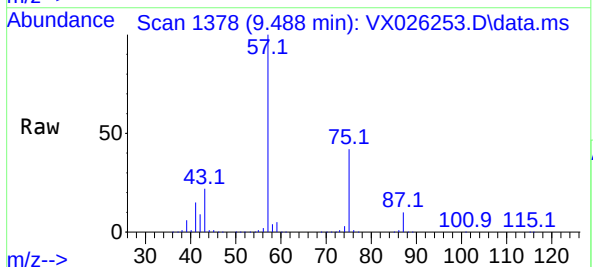
Acq: 04 Jan 2022 04:42

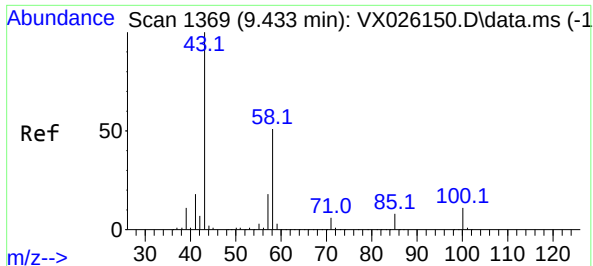
Tgt Ion: 76 Resp: 16399

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

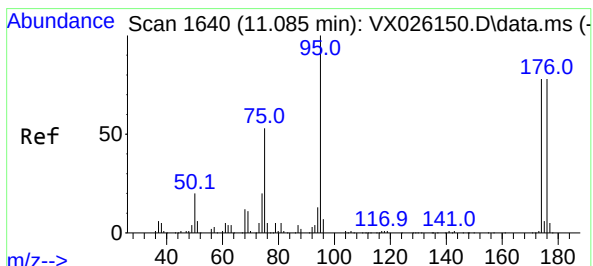
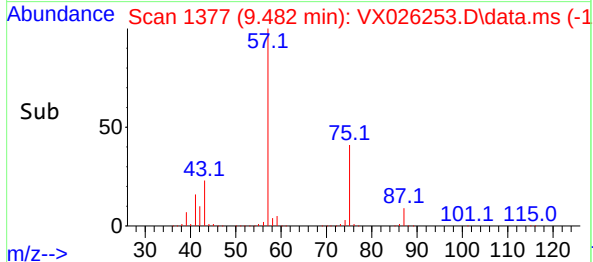
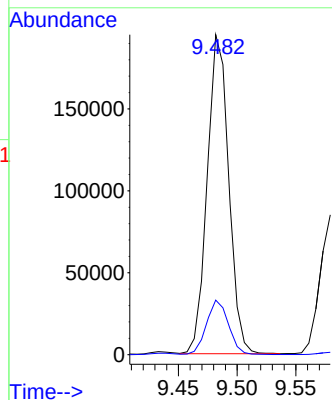
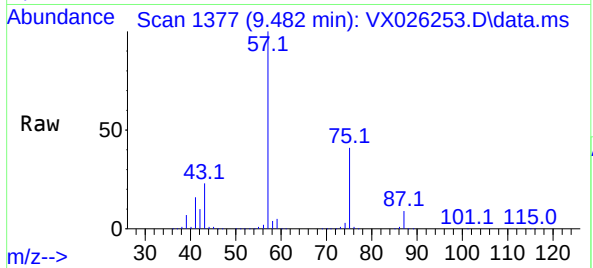




#59
2-Hexanone
Concen: 72.243 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

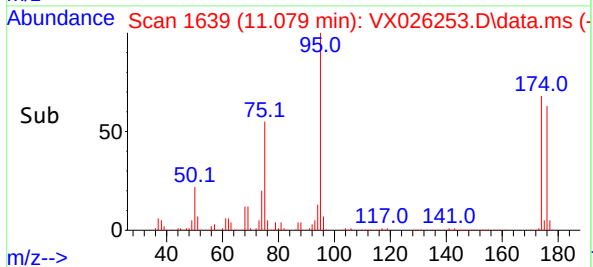
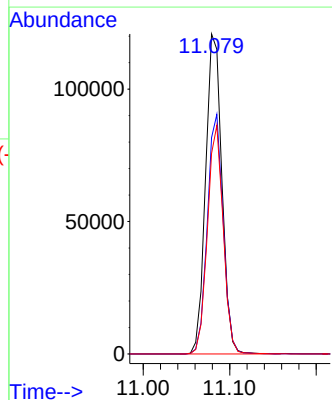
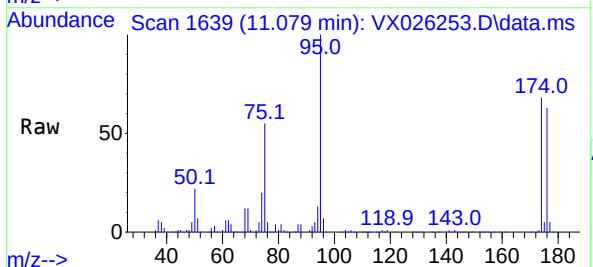
Instrument :
MSVOA_X
ClientSampleId :

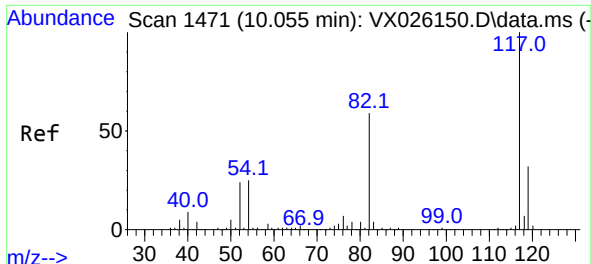
Tgt Ion: 43 Resp: 247985
Ion Ratio Lower Upper
43 100
58 17.6 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

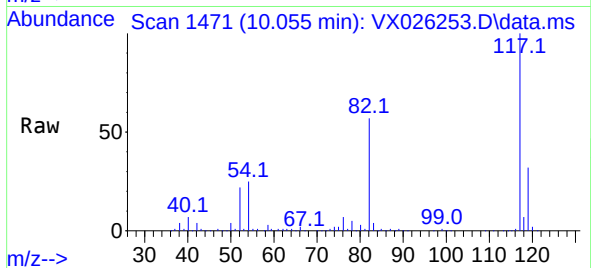
Tgt Ion: 95 Resp: 157812
Ion Ratio Lower Upper
95 100
174 72.8 0.0 157.4
176 69.1 0.0 154.6



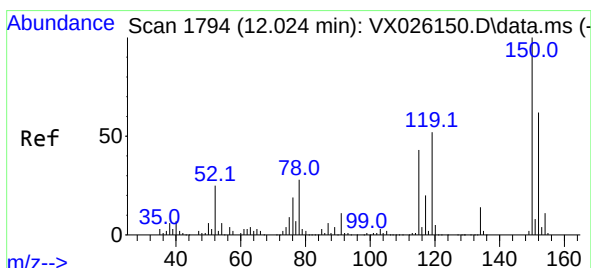
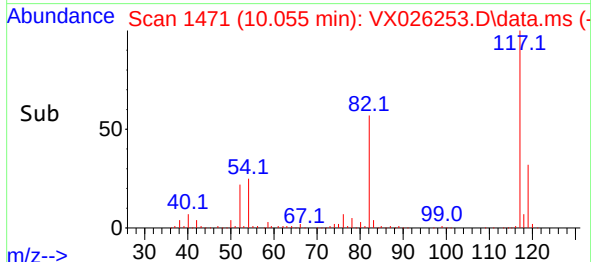
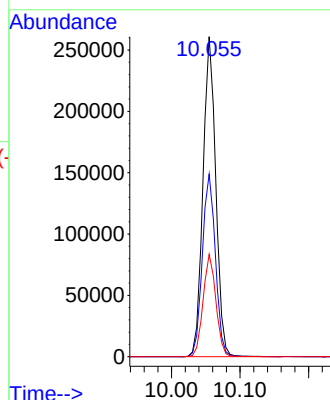


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :

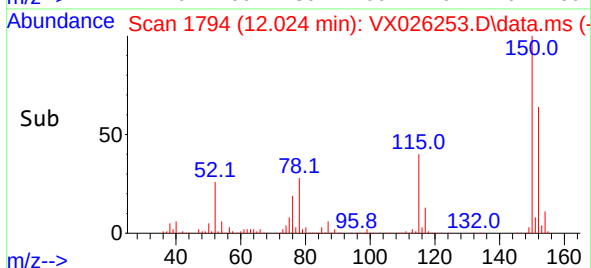
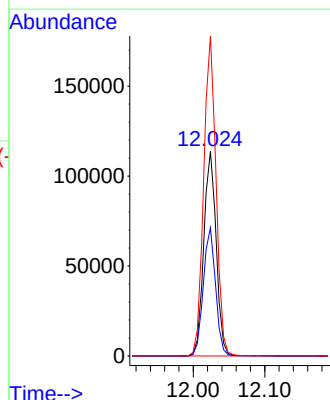
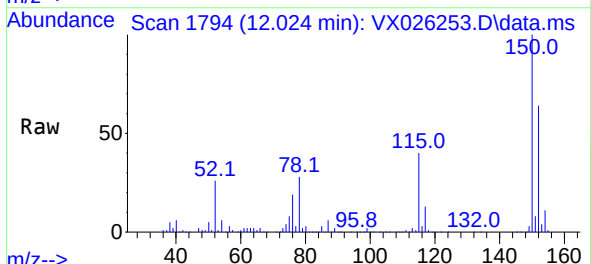


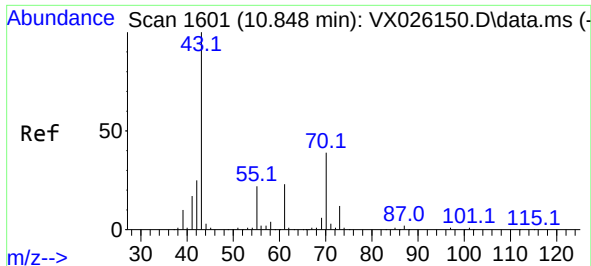
Tgt Ion:117 Resp: 339310
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

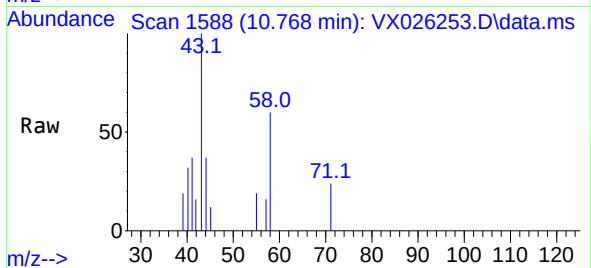
Tgt Ion:152 Resp: 137057
Ion Ratio Lower Upper
152 100
115 62.0 41.3 123.9
150 155.7 0.0 351.8



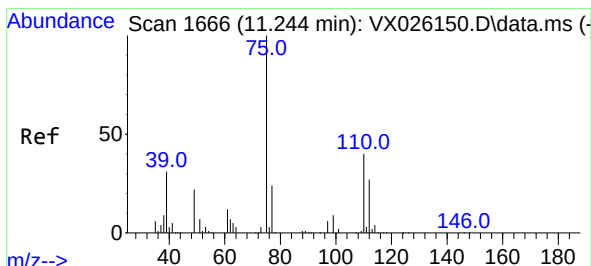
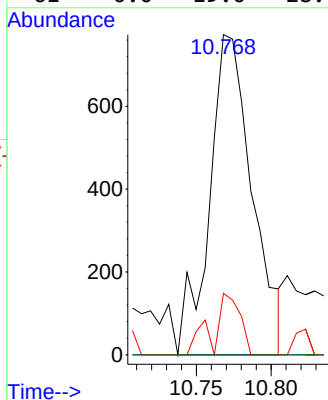
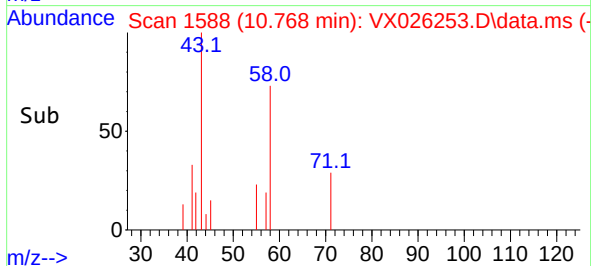


#74
N-amy1 acetate
Concen: 0.315 ug/l
RT: 10.768 min Scan# 11
Delta R.T. -0.080 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :

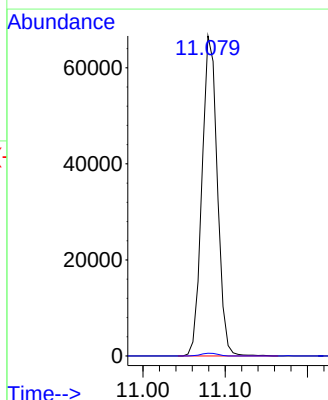
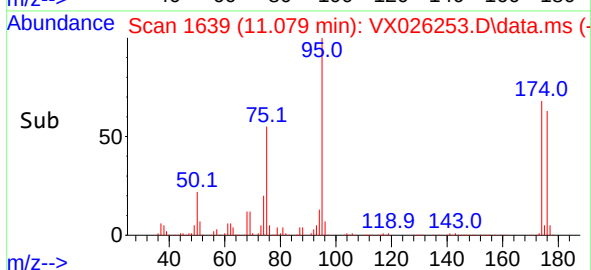
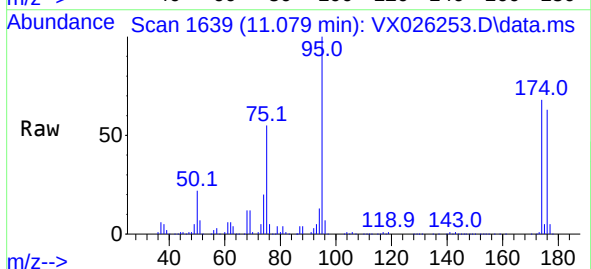


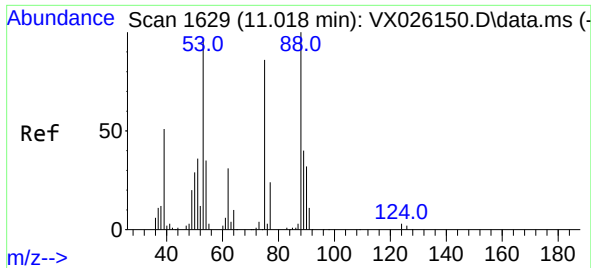
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 12.2 19.2 28.8#
61 0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 26.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

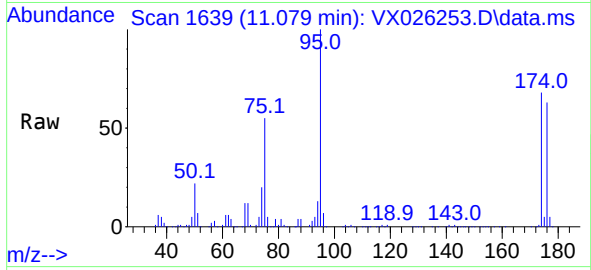
Tgt Ion: 75 Resp: 86485
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.630 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026253.D
Acq: 04 Jan 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 86485
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

