

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026250.D
 Acq On : 04 Jan 2022 03:33
 Operator : JC/MD
 Sample : PB141783ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 08:01:11 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)

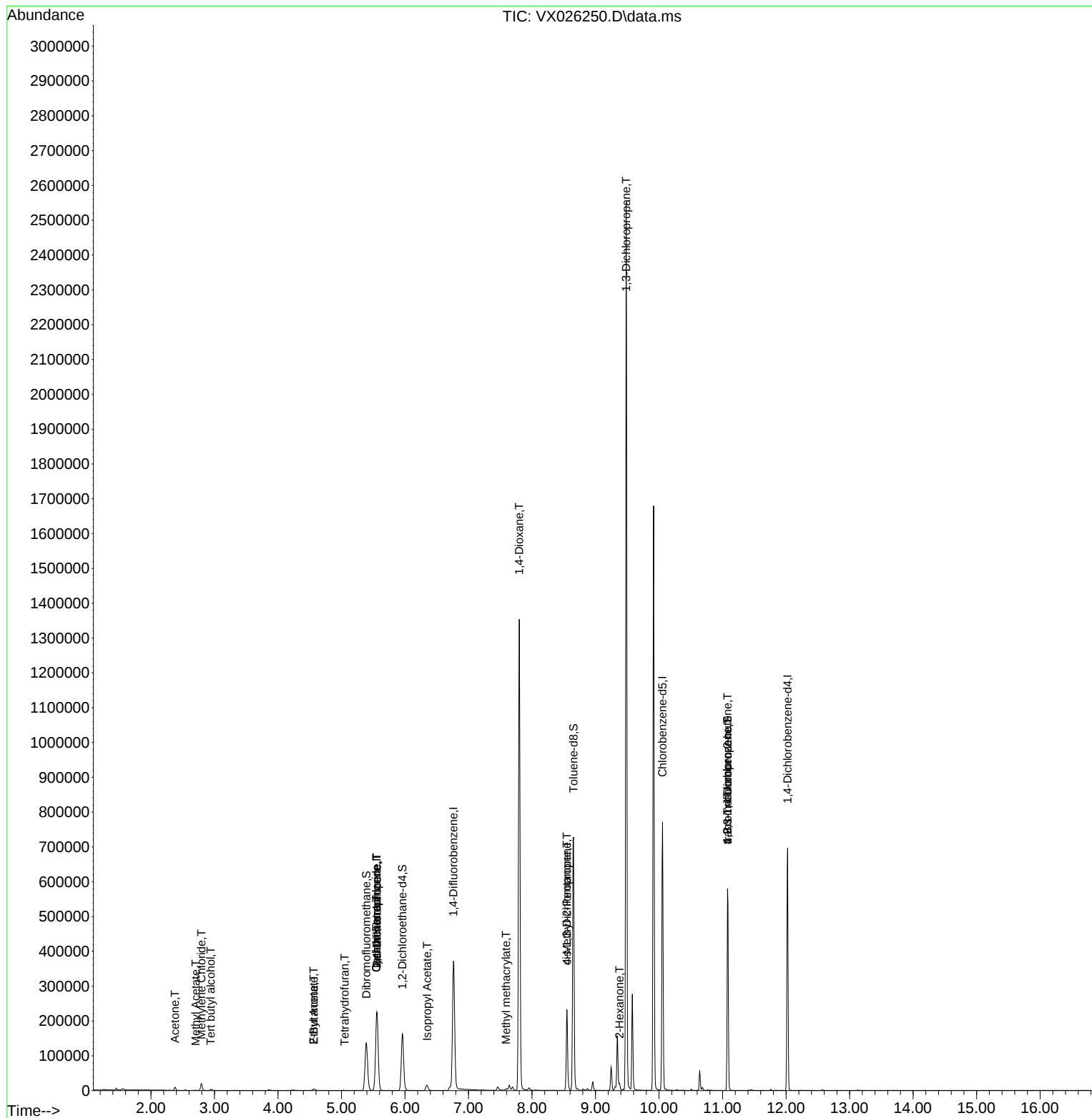
Internal Standards						
1) Pentafluorobenzene	5.556	168	199393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160269	55.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.120%
35) Dibromofluoromethane	5.391	113	116224	50.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	8.653	98	422989	49.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	149564	48.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2384	4.138	ug/l #	80
16) Acetone	2.380	43	10768	6.890	ug/l	93
18) Methyl Acetate	2.703	43	1596	0.315	ug/l #	78
20) Methylene Chloride	2.794	84	8562	2.529	ug/l #	96
25) 2-Butanone	4.562	43	5977	2.745	ug/l #	85
29) Tetrahydrofuran	5.050	42	803	0.585	ug/l #	32
31) Cyclohexane	5.550	56	5234	1.274	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	18158	4.878	ug/l #	50
37) Ethyl Acetate	4.562	43	5977	1.385	ug/l #	69
38) Carbon Tetrachloride	5.550	117	22079	5.333	ug/l #	15
43) Isopropyl Acetate	6.348	43	21948	3.120	ug/l #	95
48) Methyl methacrylate	7.592	41	6399	1.897	ug/l #	12
49) 1,4-Dioxane	7.799	88	155	2.493	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	80883	18.478	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	32891	7.589	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	19521	4.240	ug/l #	43
59) 2-Hexanone	9.378	43	10181	3.071	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	82734	25.713	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82734	74.388	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026250.D
Acq On : 04 Jan 2022 03:33
Operator : JC/MD
Sample : PB141783ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

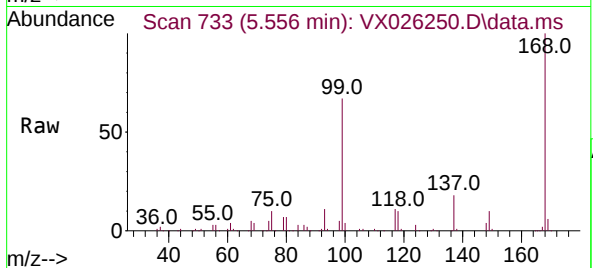
Quant Time: Jan 04 08:01:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



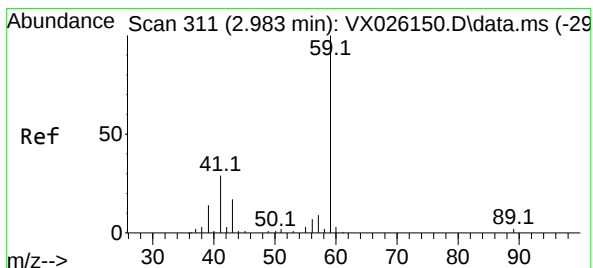
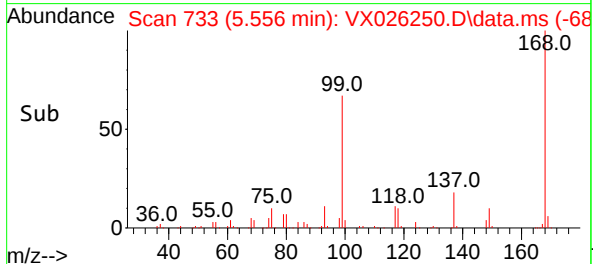
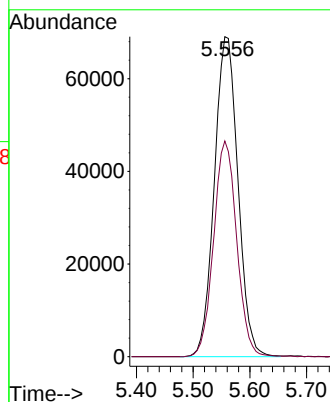


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :

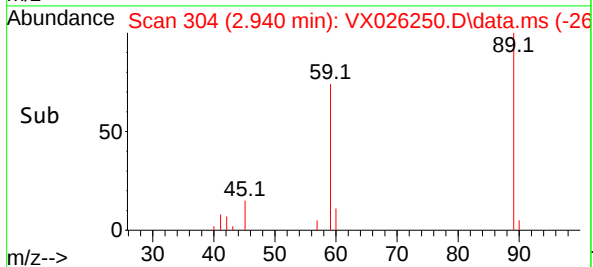
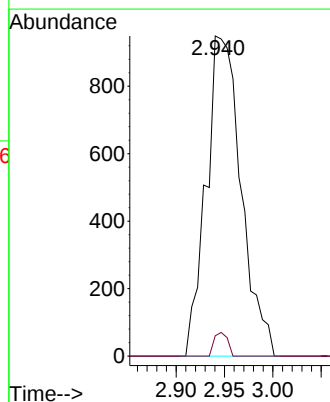
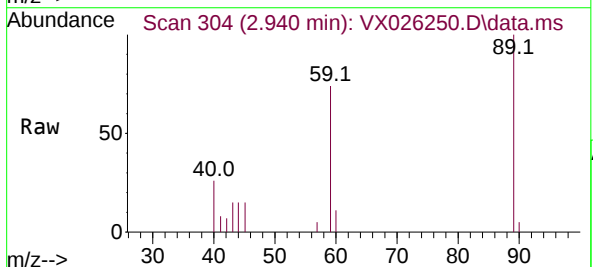


Tgt Ion:168 Resp: 199393
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 4.138 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Tgt Ion: 59 Resp: 2384
Ion Ratio Lower Upper
59 100
57 2.9 8.2 12.2#

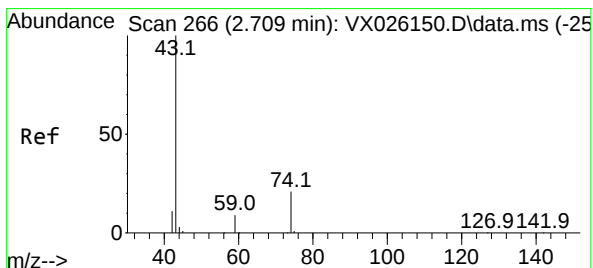
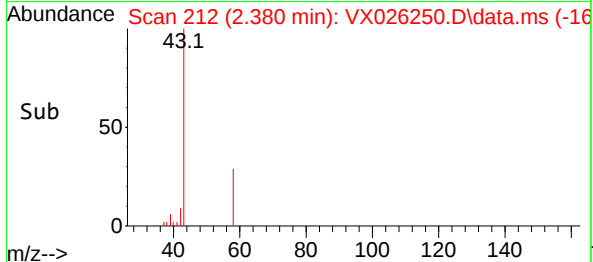
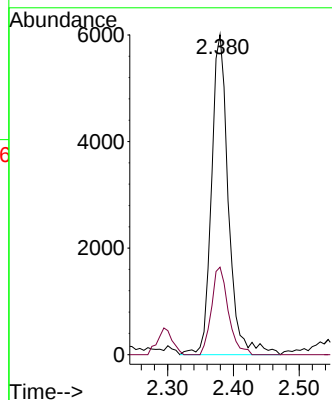
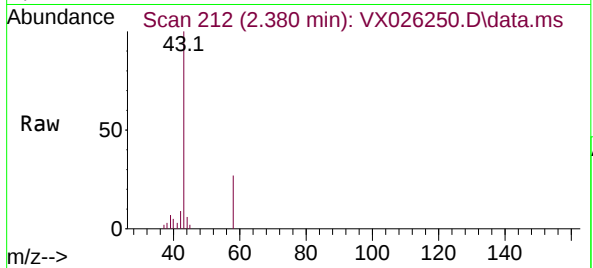




#16
Acetone
Concen: 6.890 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

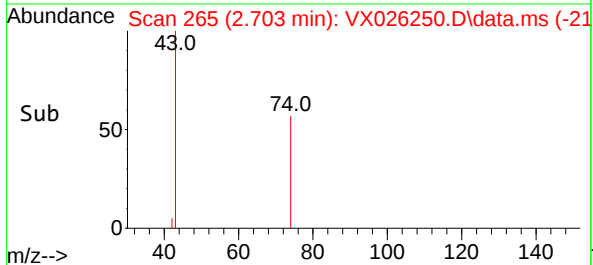
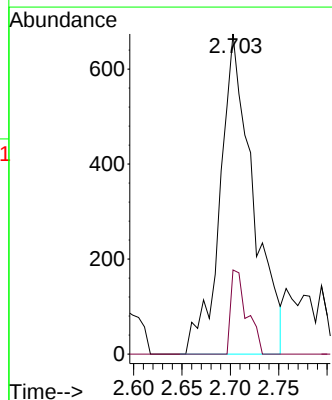
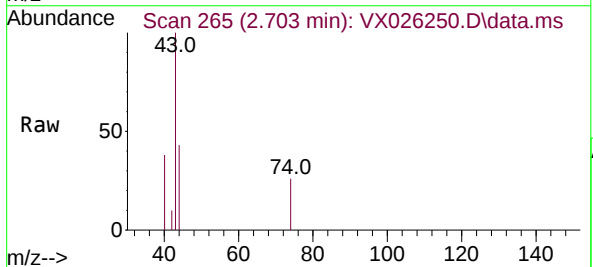
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10768
Ion Ratio Lower Upper
43 100
58 27.4 24.8 37.2



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

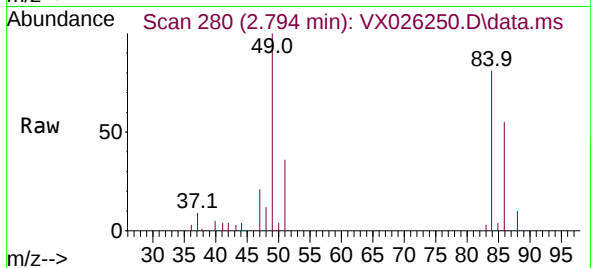
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
74 12.8 19.1 28.7#



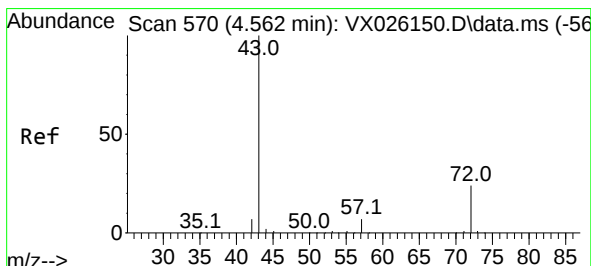
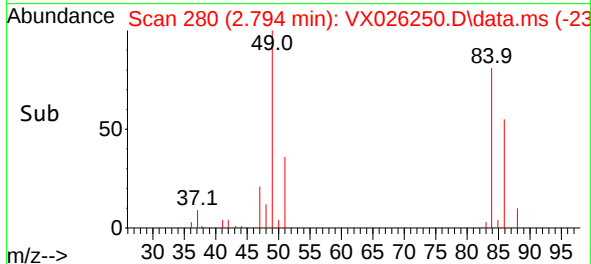
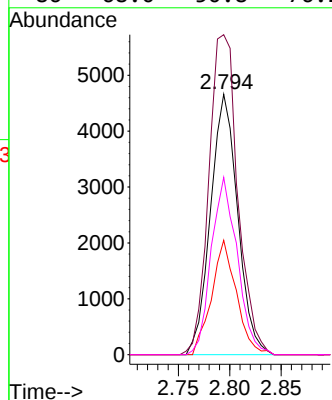


#20
Methylene Chloride
Concen: 2.529 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :

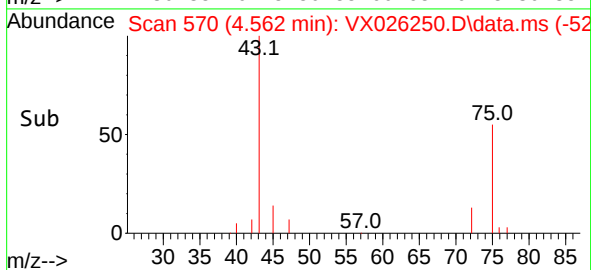
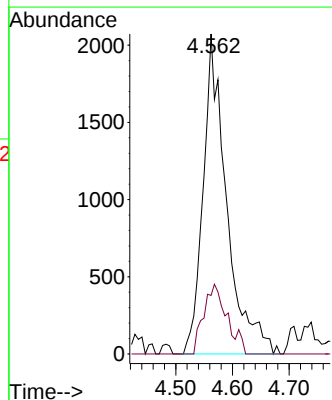
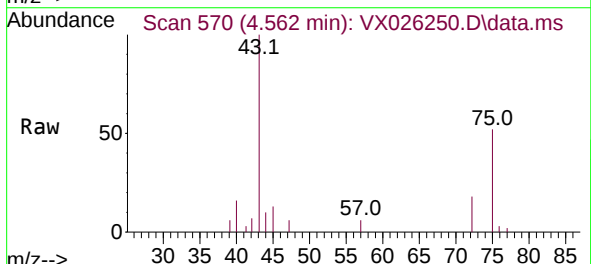


Tgt Ion:	84	Resp:	8562
Ion	Ratio	Lower	Upper
84	100		
49	122.8	97.1	145.7
51	43.9	29.3	43.9#
86	68.0	50.8	76.2



#25
2-Butanone
Concen: 2.745 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Tgt Ion:	43	Resp:	5977
Ion	Ratio	Lower	Upper
43	100		
72	18.3	21.0	31.4#





#29

Tetrahydrofuran

Concen: 0.585 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

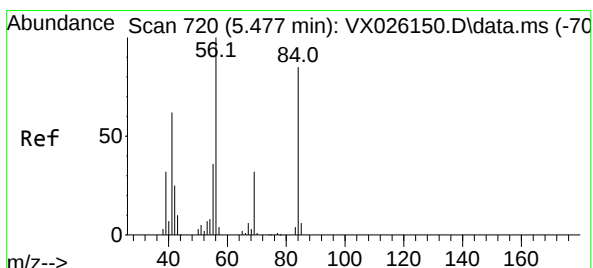
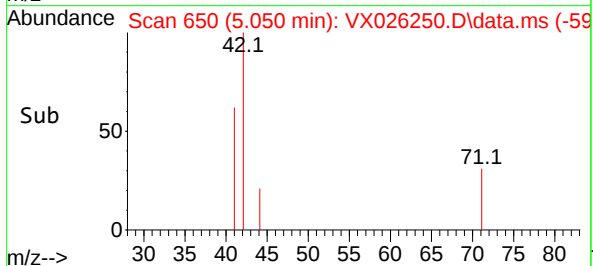
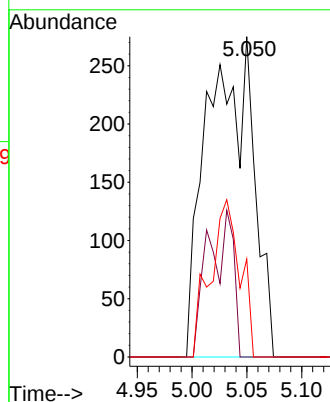
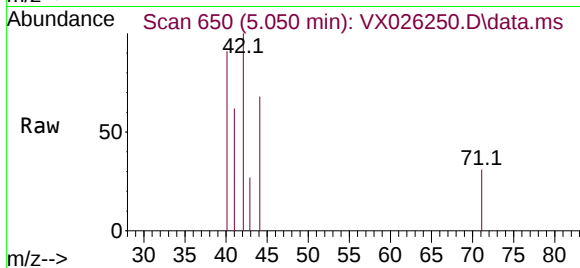
Tgt Ion: 42 Resp: 803

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.274 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

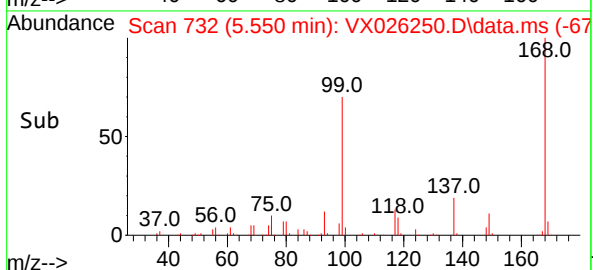
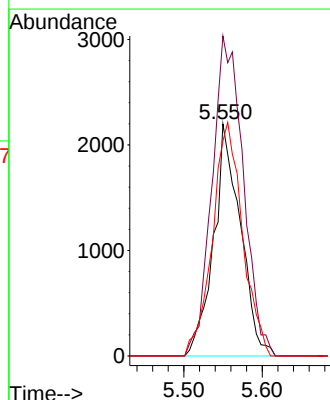
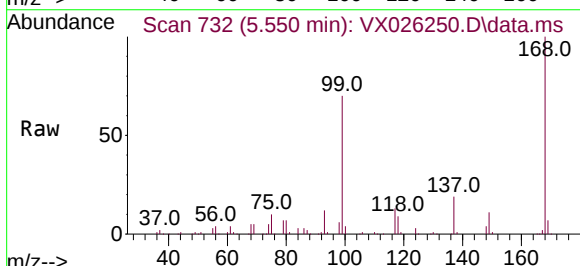
Tgt Ion: 56 Resp: 5234

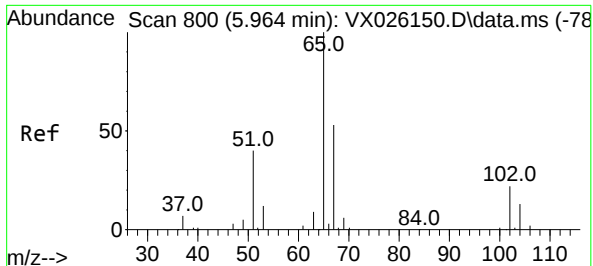
Ion Ratio Lower Upper

56 100

69 137.9 23.9 35.9#

84 92.6 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 55.560 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

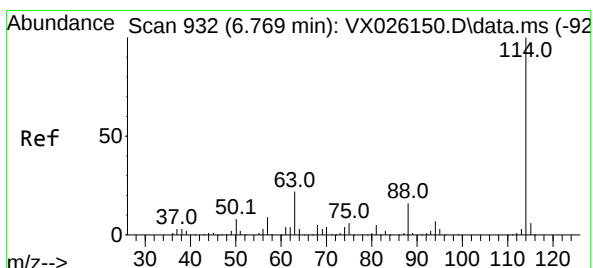
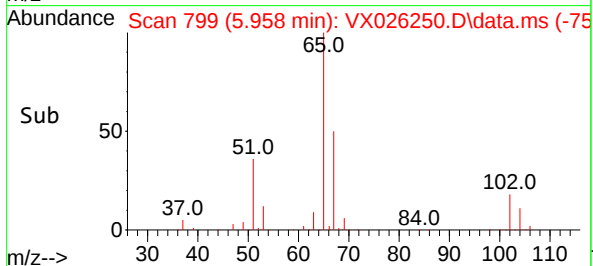
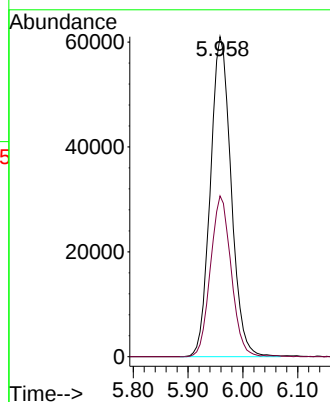
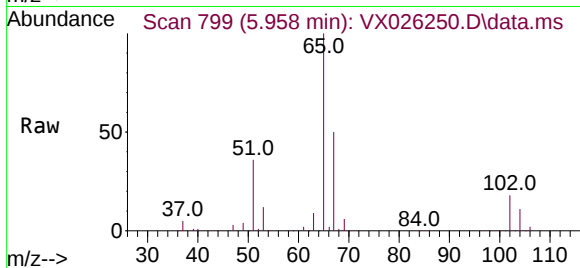
ClientSampleId :

Tgt Ion: 65 Resp: 160269

Ion Ratio Lower Upper

65 100

67 50.2 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: VX026250.D

Acq: 04 Jan 2022 03:33

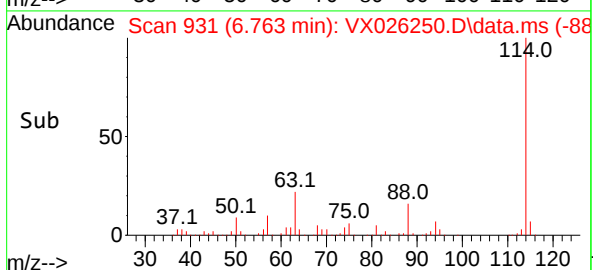
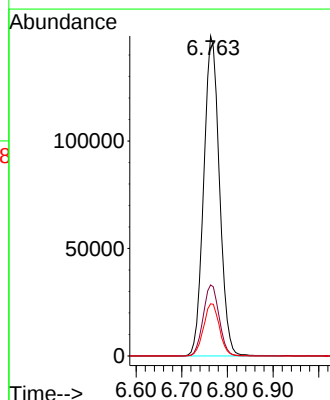
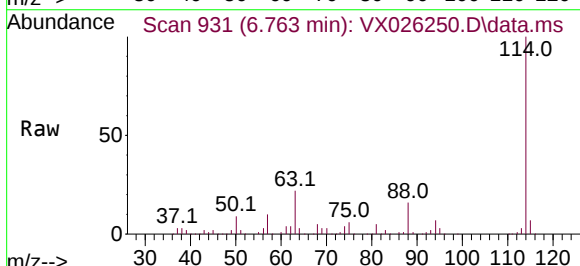
Tgt Ion: 114 Resp: 354960

Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.363 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

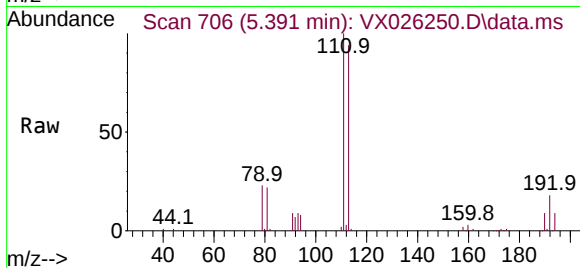
Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :



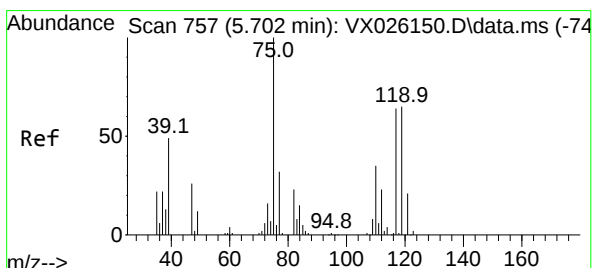
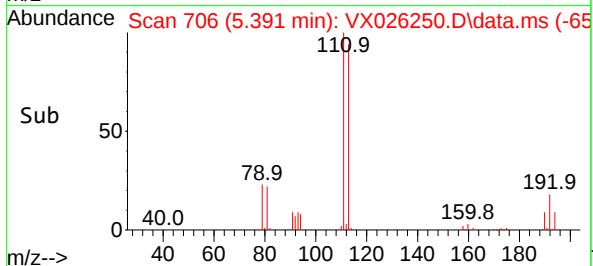
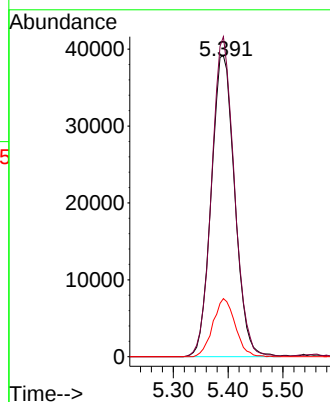
Tgt Ion:113 Resp: 116224

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 18.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.878 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

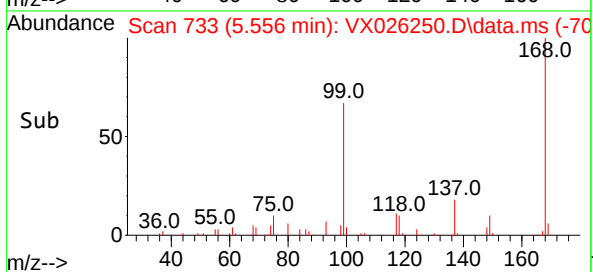
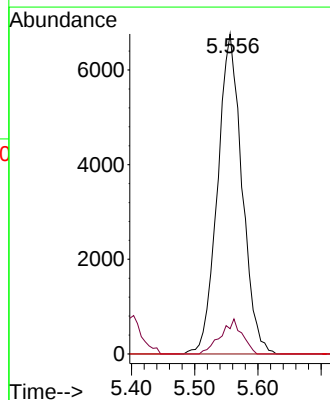
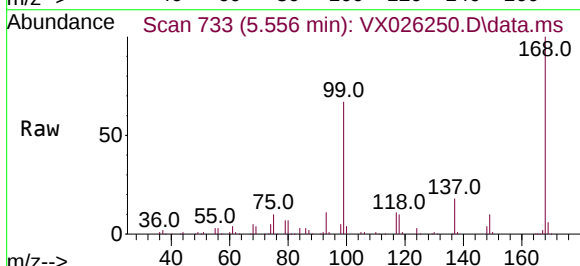
Tgt Ion: 75 Resp: 18158

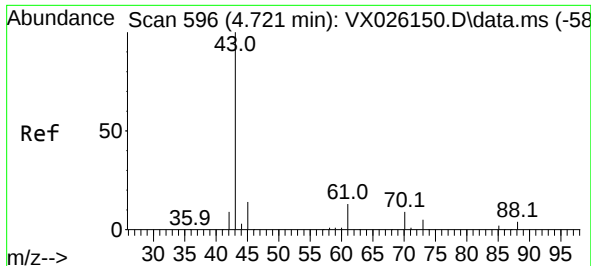
Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.385 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.159 min

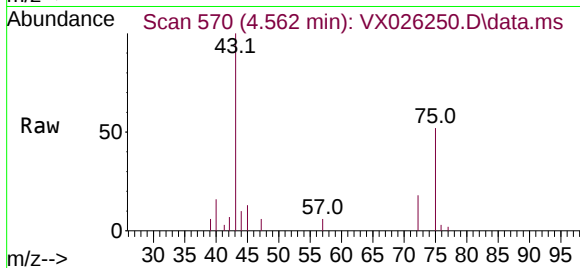
Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :



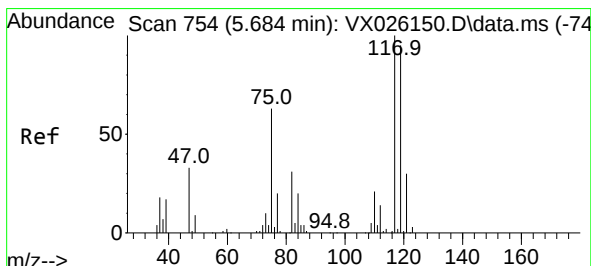
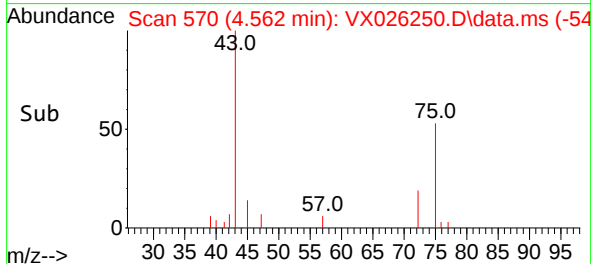
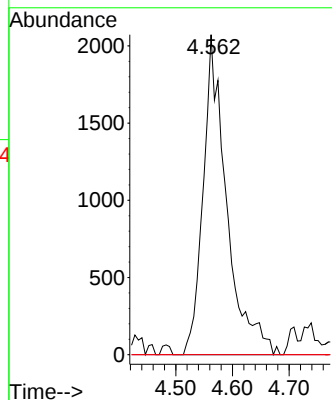
Tgt Ion: 43 Resp: 5977

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.333 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

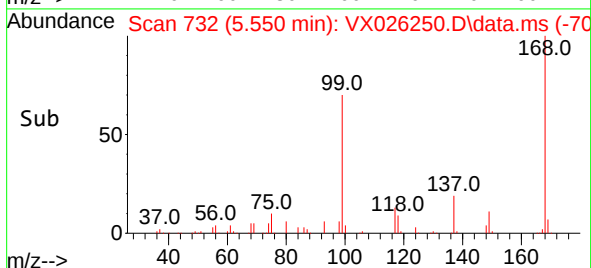
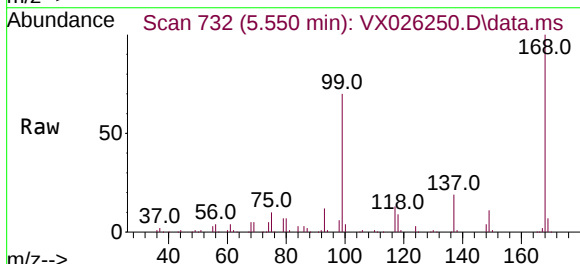
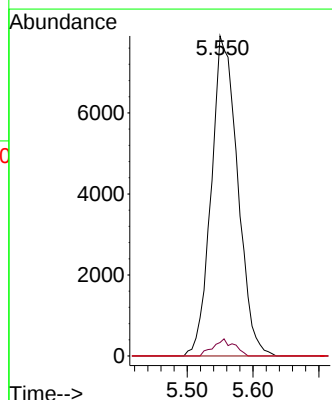
Tgt Ion: 117 Resp: 22079

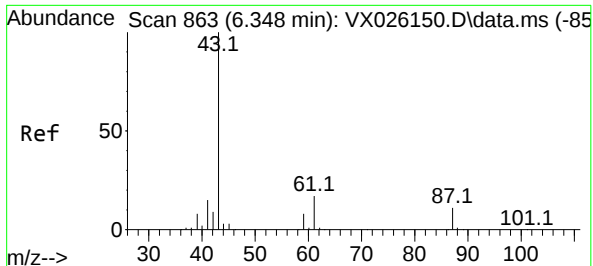
Ion Ratio Lower Upper

117 100

119 4.2 77.2 115.8#

121 0.0 23.8 35.8#

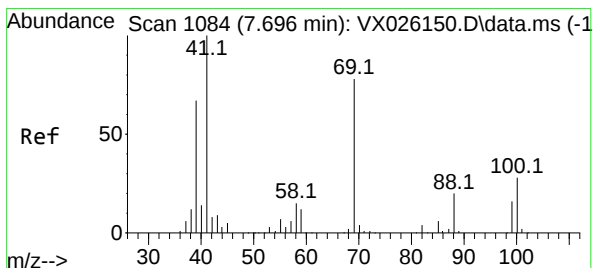
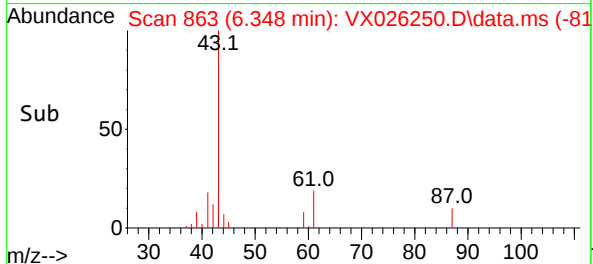
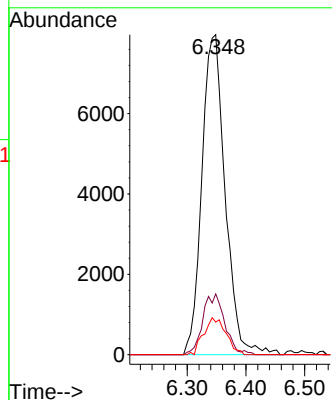
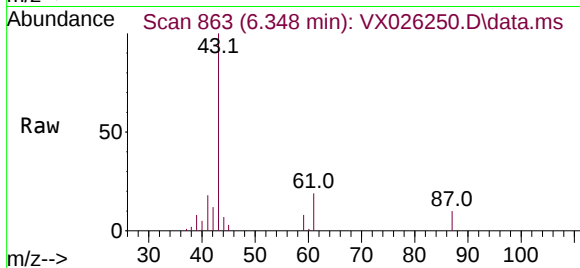




#43
Isopropyl Acetate
Concen: 3.120 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

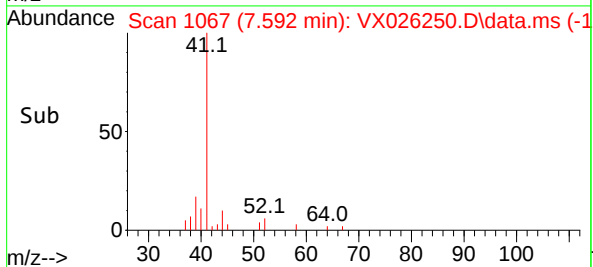
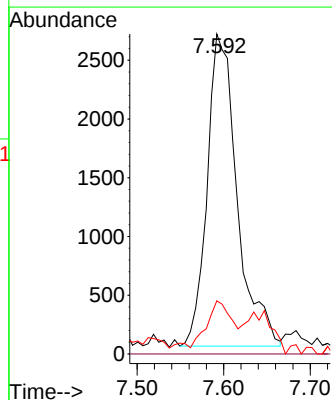
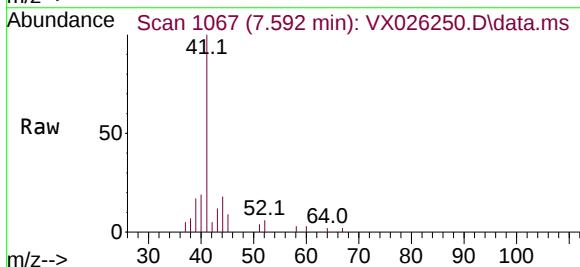
Instrument :
MSVOA_X
ClientSampleId :

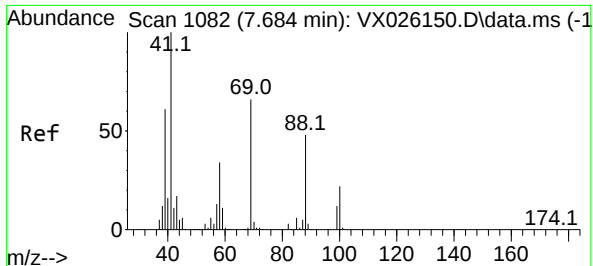
Tgt Ion: 43 Resp: 21948
Ion Ratio Lower Upper
43 100
61 18.0 15.7 23.5
87 11.0 11.2 16.8#



#48
Methyl methacrylate
Concen: 1.897 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Tgt Ion: 41 Resp: 6399
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: 2.493 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

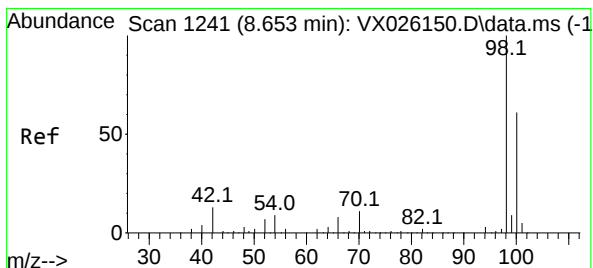
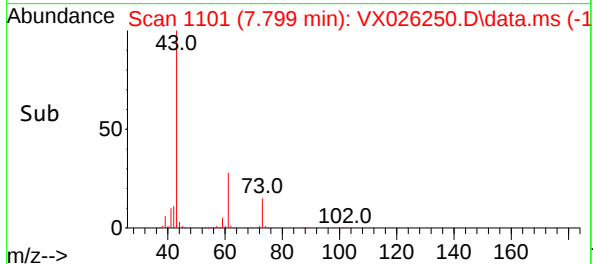
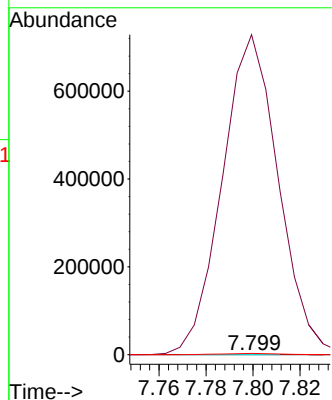
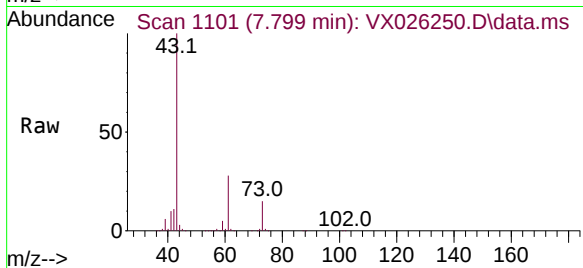
Tgt Ion: 88 Resp: 155

Ion Ratio Lower Upper

88 100

43 788127.1 25.3 37.9#

58 3098.1 51.8 77.6#



#50

Toluene-d8

Concen: 49.278 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026250.D

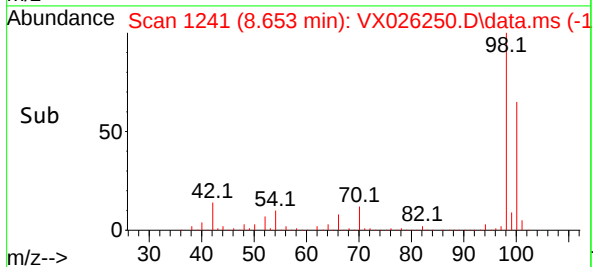
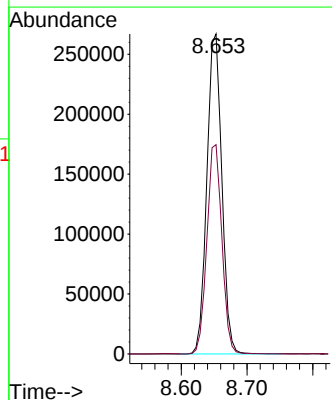
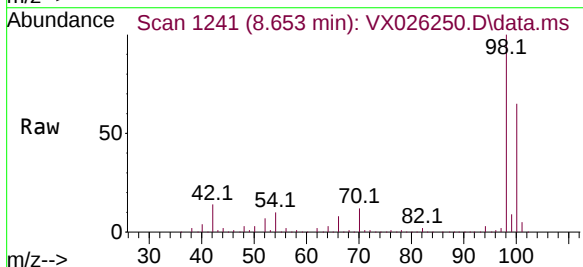
Acq: 04 Jan 2022 03:33

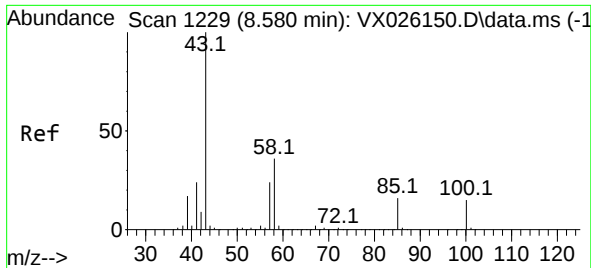
Tgt Ion: 98 Resp: 422989

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

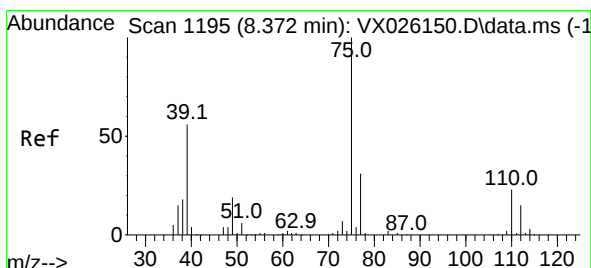
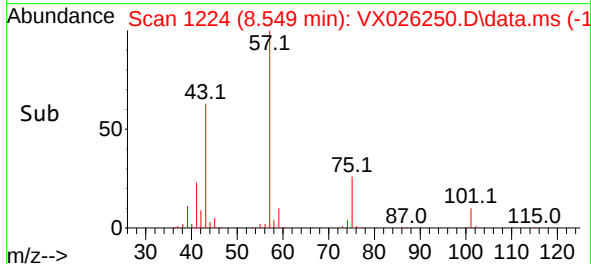
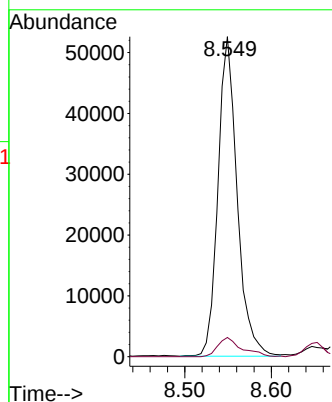
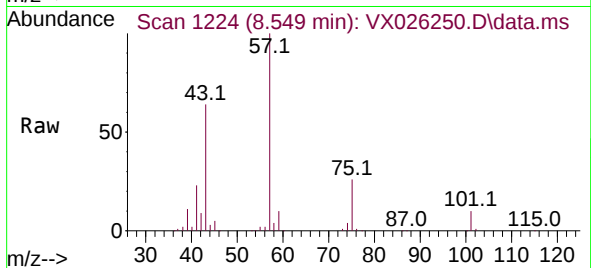




#51
4-Methyl-2-Pentanone
Concen: 18.478 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

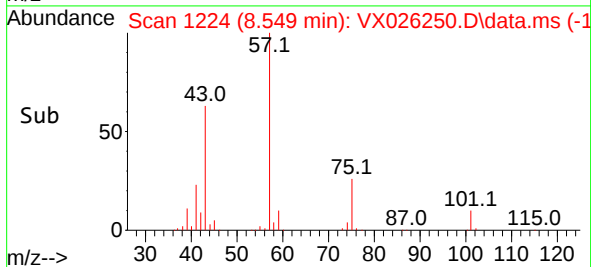
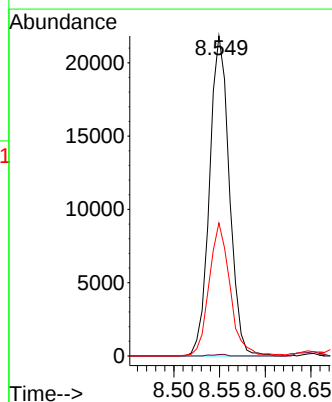
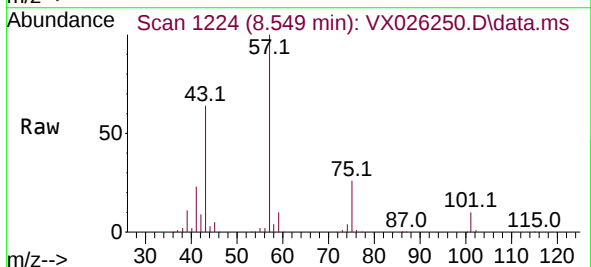
Instrument :
MSVOA_X
ClientSampleId :

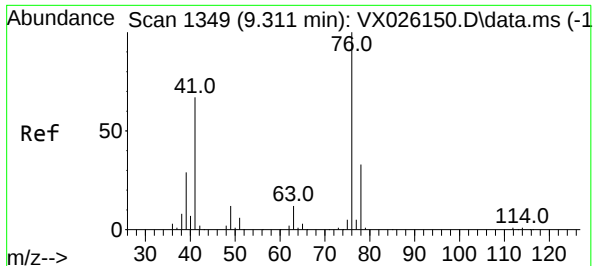
Tgt Ion: 43 Resp: 80883
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.589 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Tgt Ion: 75 Resp: 32891
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 41.6 41.4 62.0





#57

1,3-Dichloropropane

Concen: 4.240 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026250.D

Acq: 04 Jan 2022 03:33

Instrument :

MSVOA_X

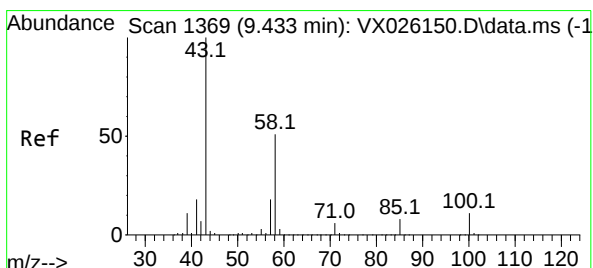
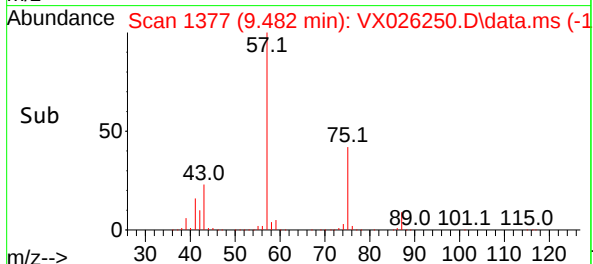
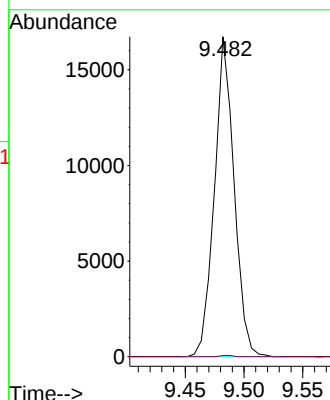
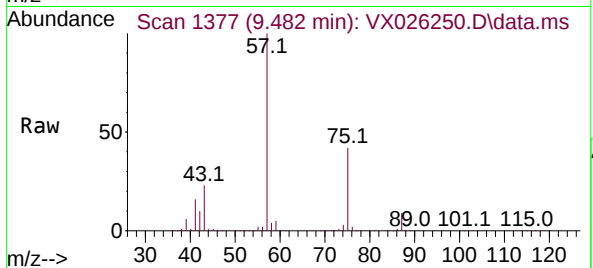
ClientSampleId :

Tgt Ion: 76 Resp: 19521

Ion Ratio Lower Upper

76 100

78 0.2 26.0 39.0#



#59

2-Hexanone

Concen: 3.071 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026250.D

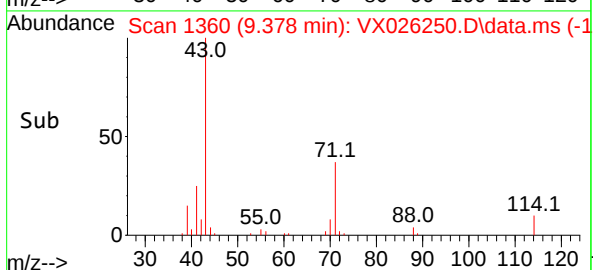
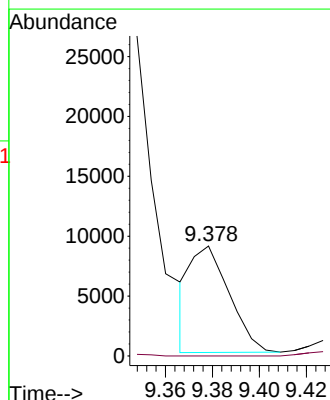
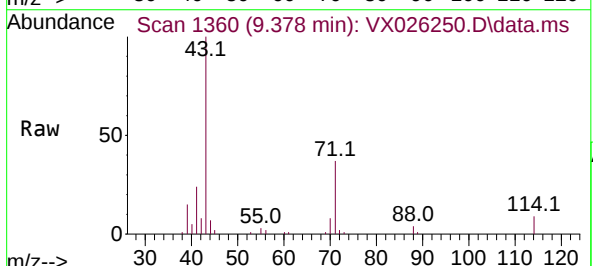
Acq: 04 Jan 2022 03:33

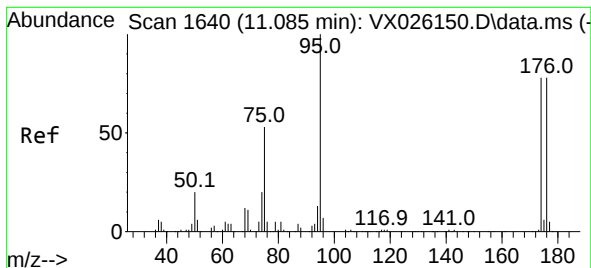
Tgt Ion: 43 Resp: 10181

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

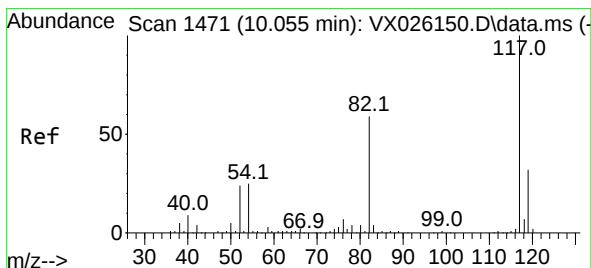
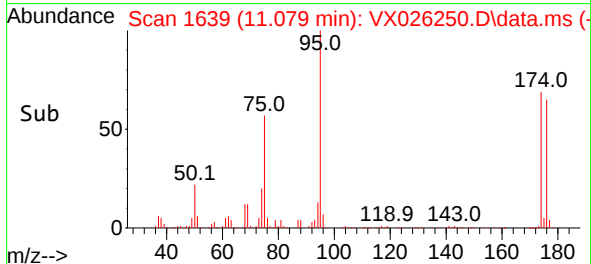
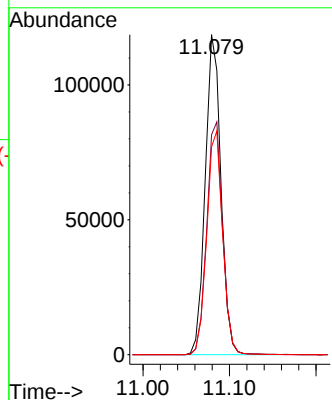
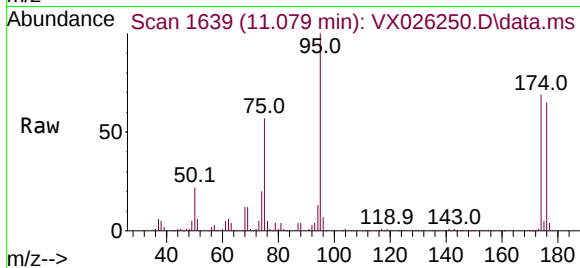




#62
4-Bromofluorobenzene
Concen: 48.945 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

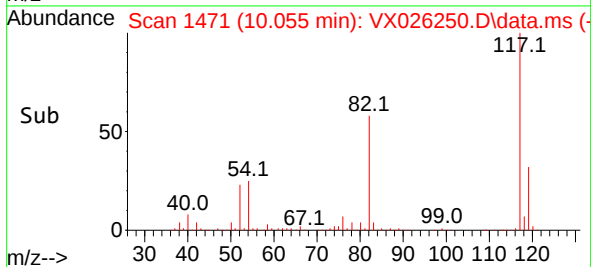
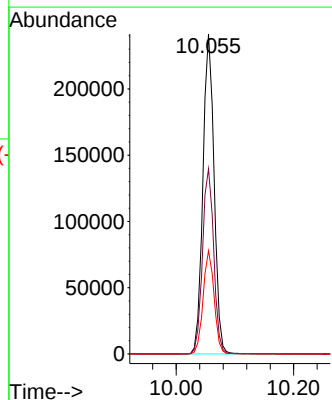
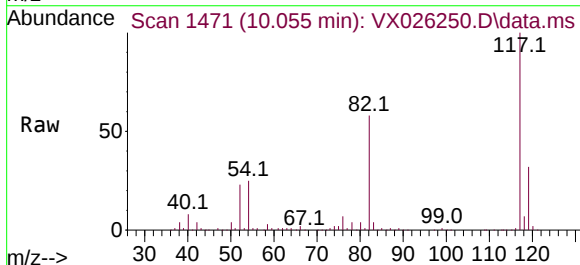
Instrument :
MSVOA_X
ClientSampleId :

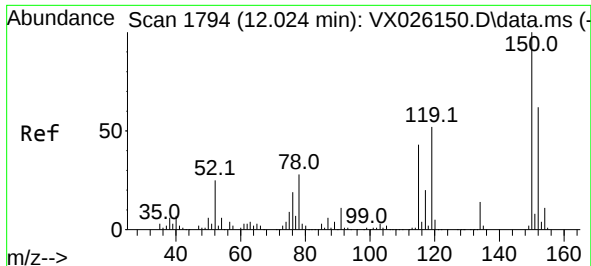
Tgt Ion: 95 Resp: 149564
Ion Ratio Lower Upper
95 100
174 73.6 0.0 157.4
176 70.7 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

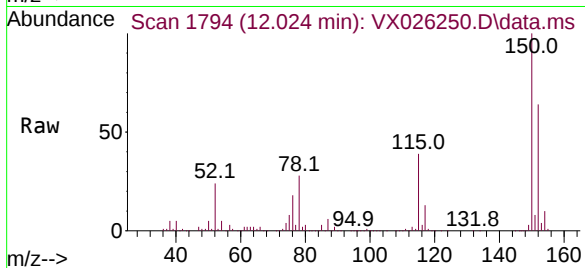
Tgt Ion: 117 Resp: 319136
Ion Ratio Lower Upper
117 100
82 57.9 43.8 65.6
119 32.2 25.2 37.8



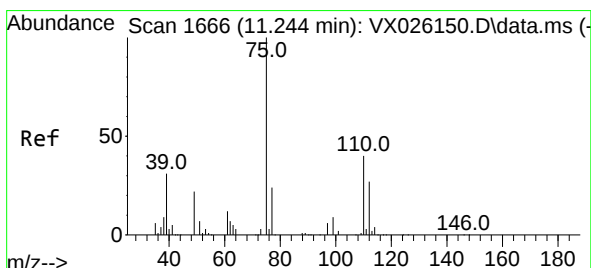
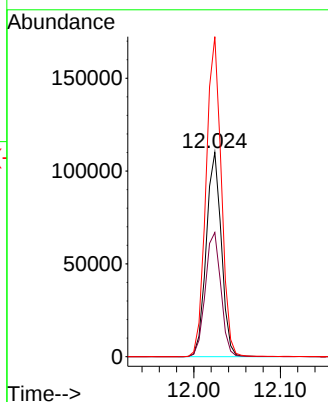
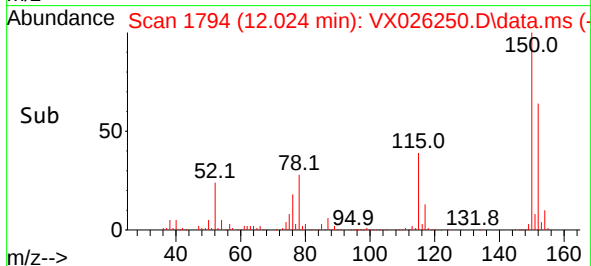


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :

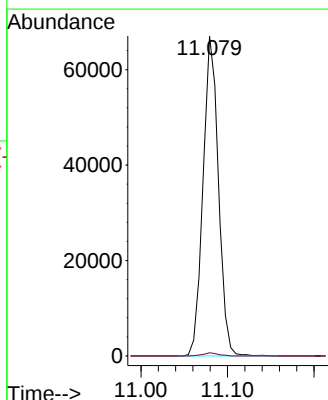
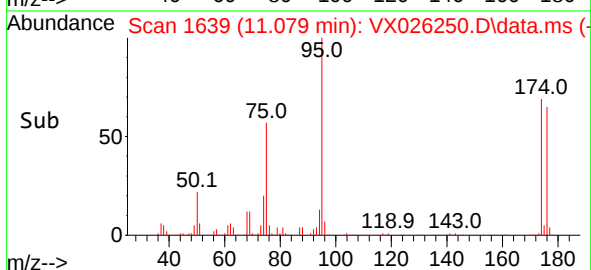
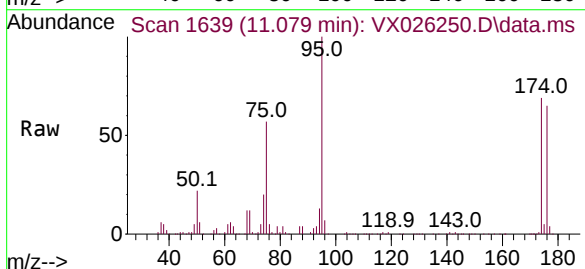


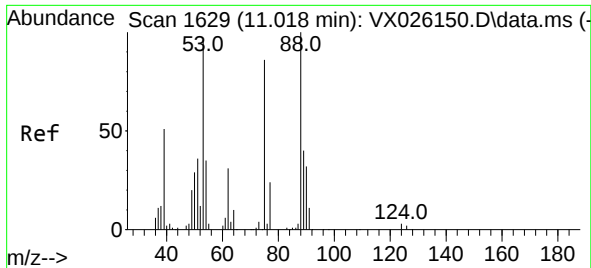
Tgt Ion:152 Resp: 133303
Ion Ratio Lower Upper
152 100
115 62.7 41.3 123.9
150 158.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 25.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026250.D
Acq: 04 Jan 2022 03:33

Tgt Ion: 75 Resp: 82734
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.388 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026250.D
 Acq: 04 Jan 2022 03:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 82734
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

