

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026564.D
 Acq On : 25 Jan 2022 13:17
 Operator : JC/MD
 Sample : N1252-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:12:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

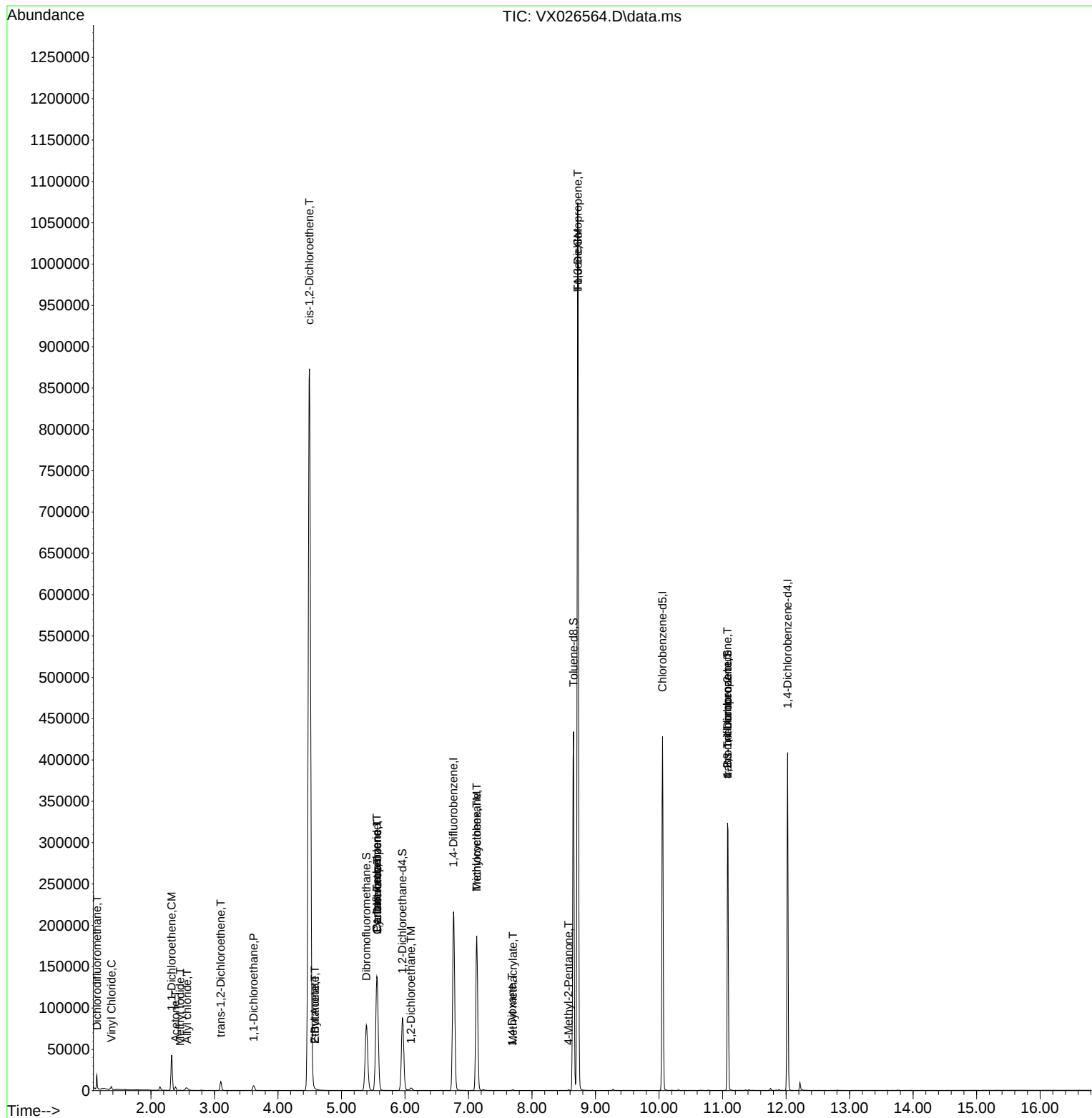
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	129186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87234	48.339	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.391	113	69117	48.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.653	98	251813	49.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	89409	49.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.148	85	1321	0.866	ug/l	93
4) Vinyl Chloride	1.380	62	2204	1.501	ug/l	97
10) Methyl Iodide	2.459	142	294	4.621	ug/l #	80
12) 1,1-Dichloroethene	2.325	96	13635	10.106	ug/l	98
14) Allyl chloride	2.569	41	593	0.239	ug/l #	69
16) Acetone	2.386	43	4391	4.771	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	4295	2.941	ug/l	98
24) 1,1-Dichloroethane	3.617	63	6791	2.495	ug/l	97
25) 2-Butanone	4.580	43	1195	0.998	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	555722	333.376	ug/l	89
31) Cyclohexane	5.562	56	2765	1.039	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	9982	4.451	ug/l #	50
37) Ethyl Acetate	4.580	43	1195	0.527	ug/l #	69
38) Carbon Tetrachloride	5.556	117	13530	5.865	ug/l #	17
39) Methylcyclohexane	7.129	83	812	0.300	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	3459	1.426	ug/l	99
44) Trichloroethene	7.129	130	70969	40.347	ug/l	97
48) Methyl methacrylate	7.702	41	452	0.249	ug/l #	81
49) 1,4-Dioxane	7.683	88	186	6.241	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	564	0.259	ug/l	92
52) Toluene	8.720	92	398582	104.853	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	4720	3.807	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44757	25.023	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44757	76.056	ug/l #	3

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

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MSVOA_X
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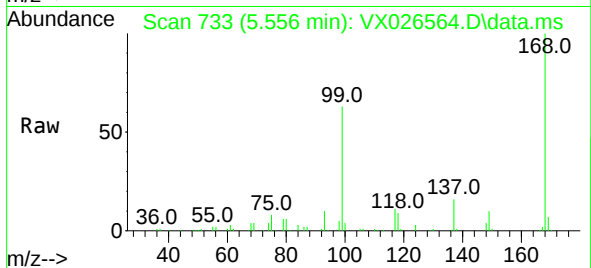
Quant Time: Jan 26 06:12:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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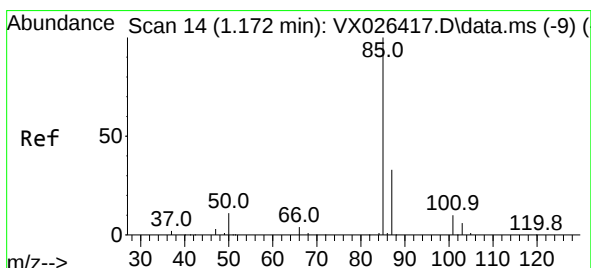
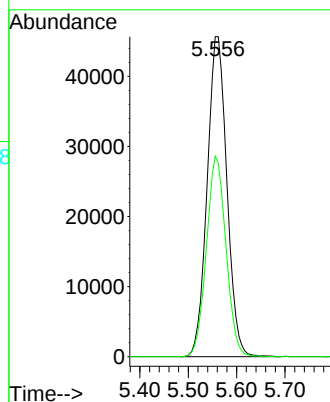
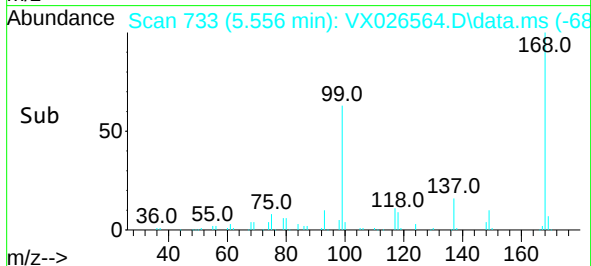


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :

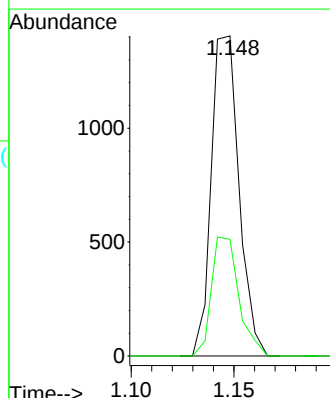
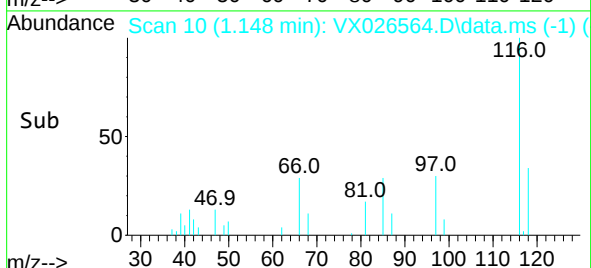
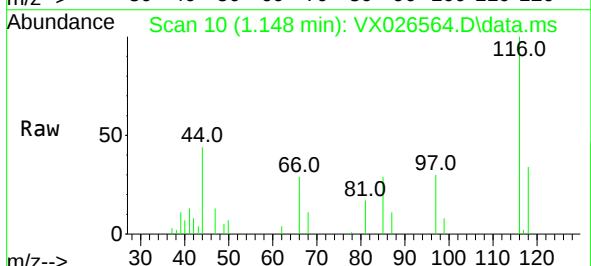


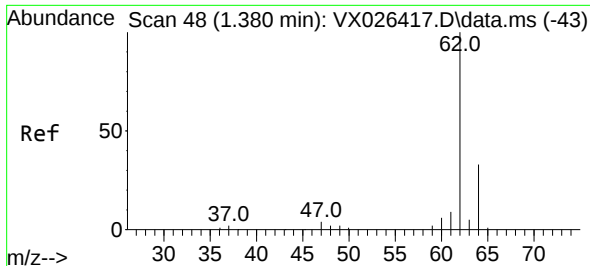
Tgt Ion:168 Resp: 129186
Ion Ratio Lower Upper
168 100
99 62.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: 0.866 ug/l
RT: 1.148 min Scan# 10
Delta R.T. -0.024 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

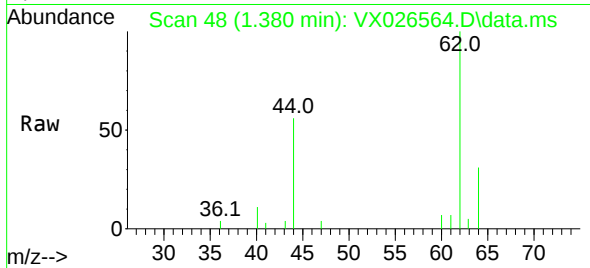
Tgt Ion: 85 Resp: 1321
Ion Ratio Lower Upper
85 100
87 36.4 16.4 49.1



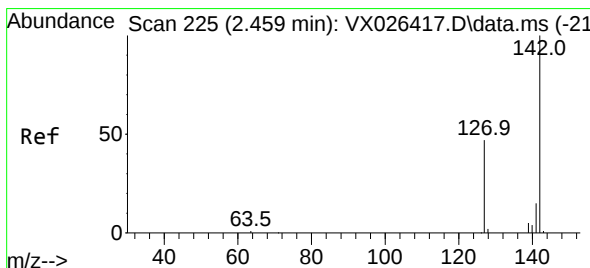
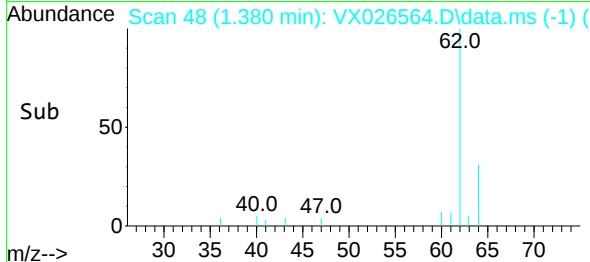
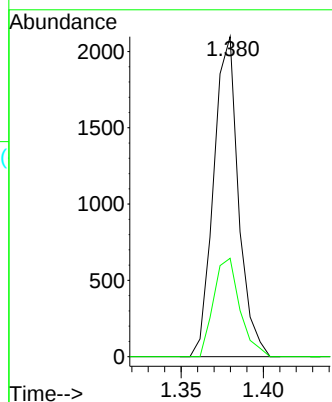


#4
 Vinyl Chloride
 Concen: 1.501 ug/l
 RT: 1.380 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

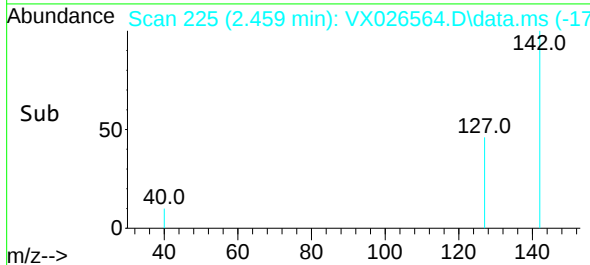
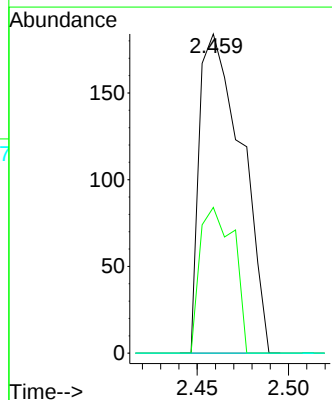
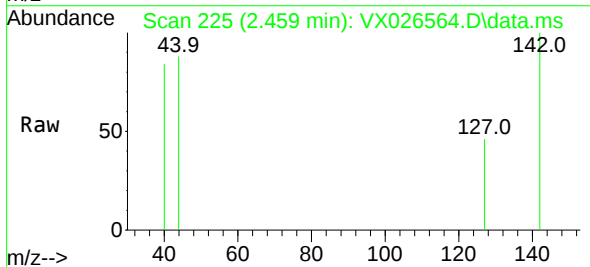


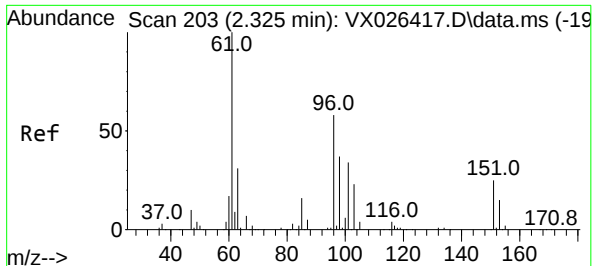
Tgt Ion: 62 Resp: 2204
 Ion Ratio Lower Upper
 62 100
 64 30.8 26.2 39.2



#10
 Methyl Iodide
 Concen: 4.621 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. -0.000 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

Tgt Ion: 142 Resp: 294
 Ion Ratio Lower Upper
 142 100
 127 36.7 38.1 57.1#
 141 0.0 11.2 16.8#





#12

1,1-Dichloroethene

Concen: 10.106 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

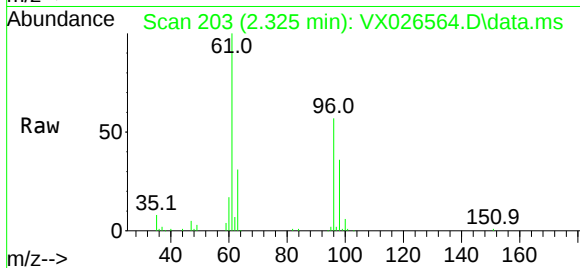
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Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :



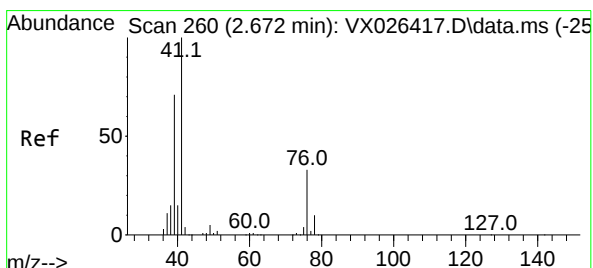
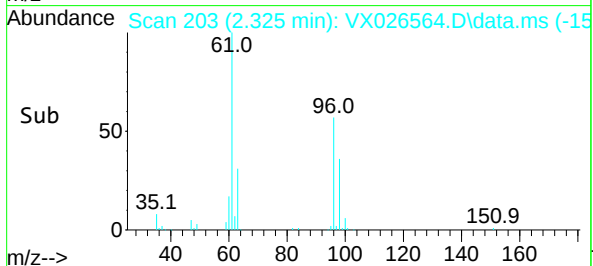
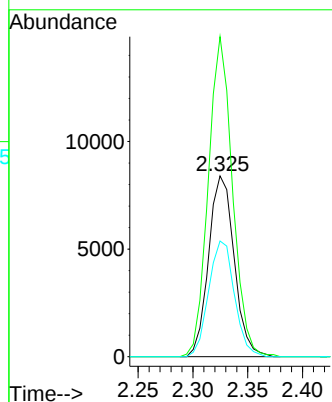
Tgt Ion: 96 Resp: 13635

Ion Ratio Lower Upper

96 100

61 176.9 138.5 207.7

98 64.0 51.8 77.6



#14

Allyl chloride

Concen: 0.239 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.104 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

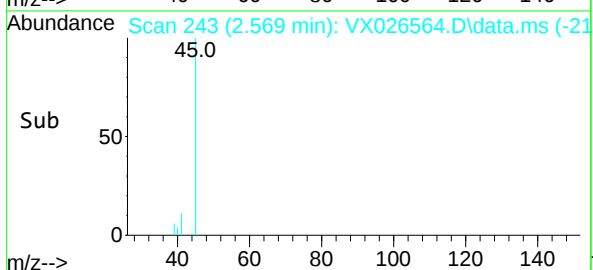
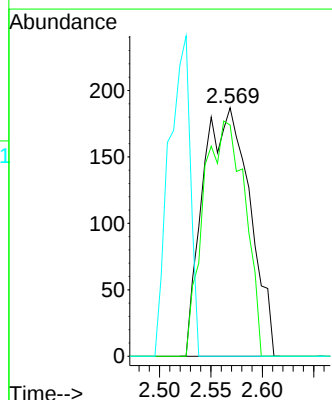
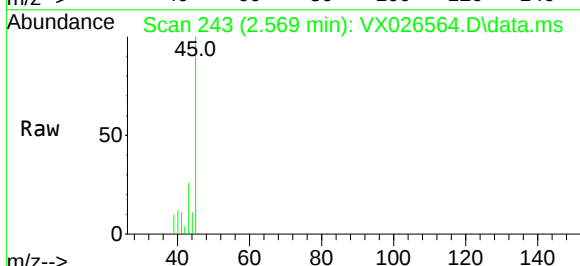
Tgt Ion: 41 Resp: 593

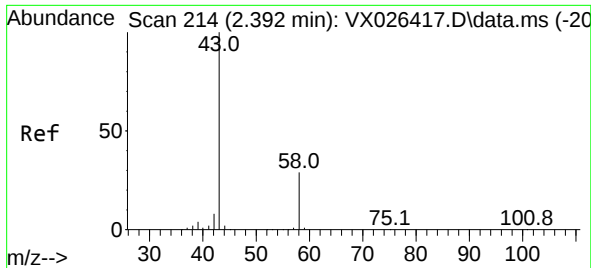
Ion Ratio Lower Upper

41 100

39 83.6 54.2 81.4#

76 0.0 25.2 37.8#

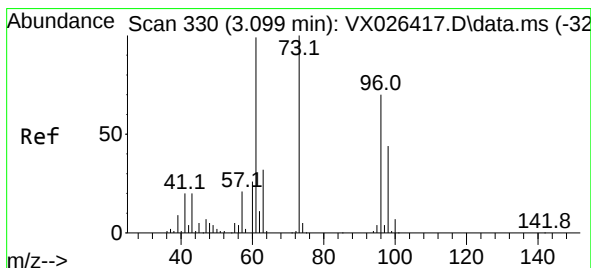
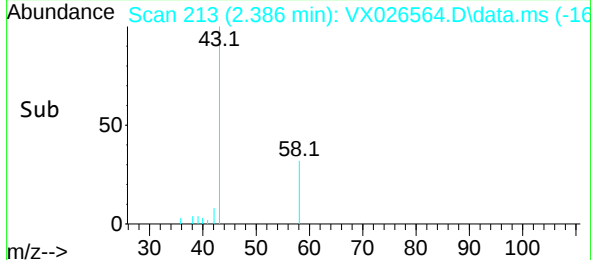
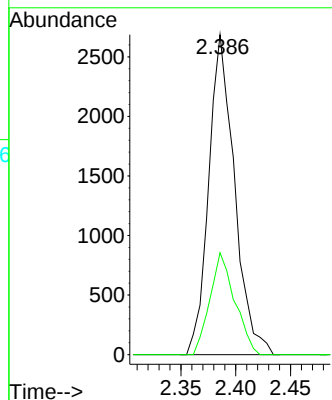
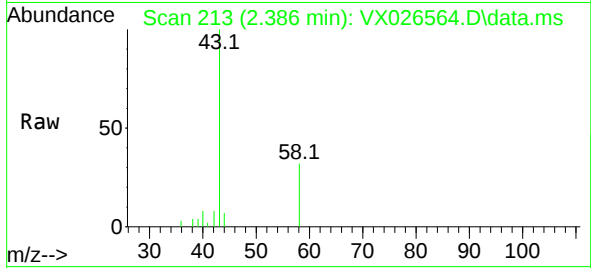




#16
Acetone
Concen: 4.771 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

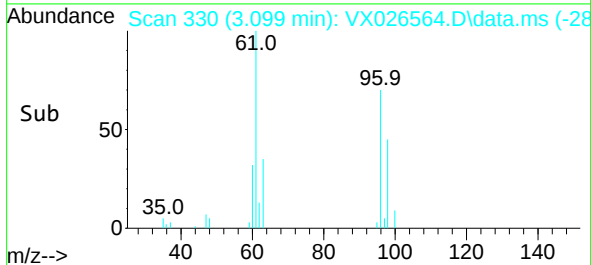
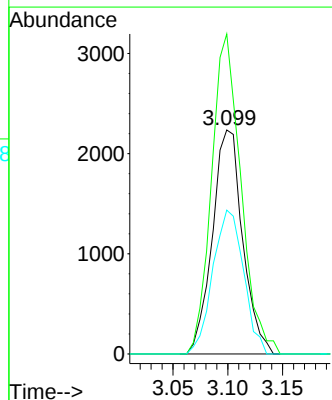
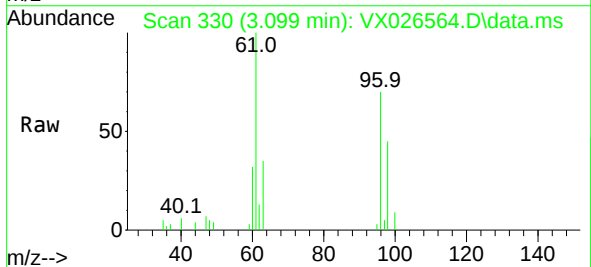
Instrument :
MSVOA_X
ClientSampleId :

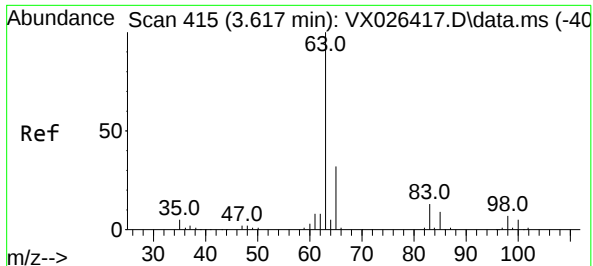
Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
58 31.8 23.0 34.6



#21
trans-1,2-Dichloroethene
Concen: 2.941 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

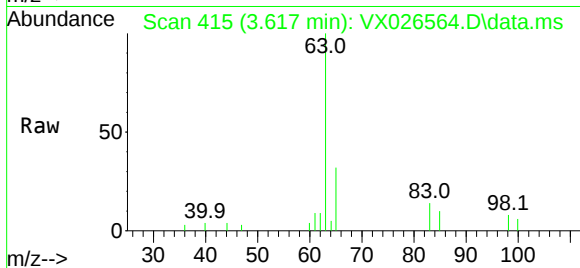
Tgt Ion: 96 Resp: 4295
Ion Ratio Lower Upper
96 100
61 142.8 112.9 169.3
98 64.2 49.5 74.3



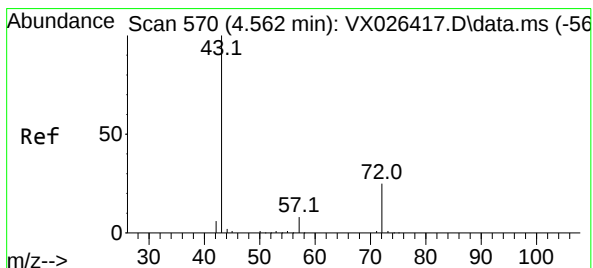
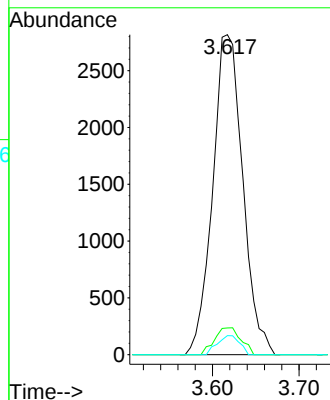
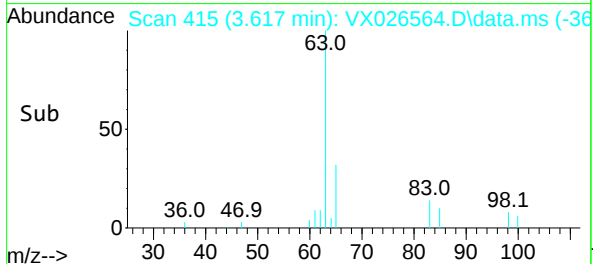


#24
 1,1-Dichloroethane
 Concen: 2.495 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

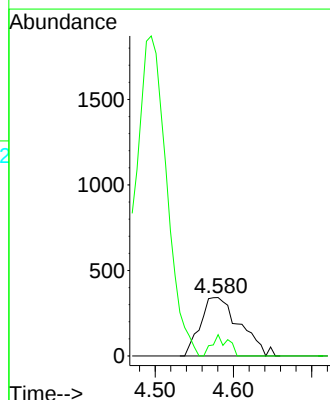
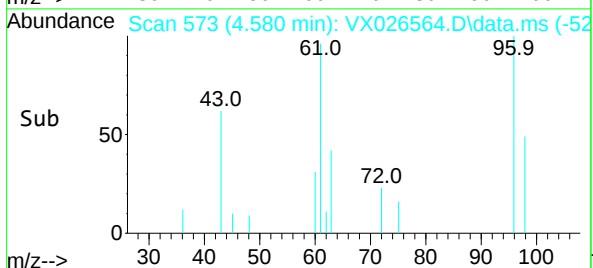
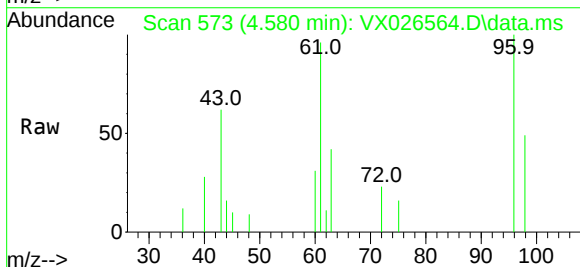


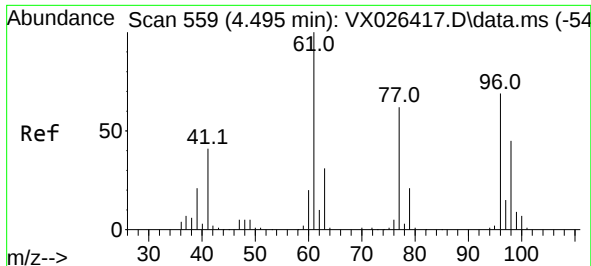
Tgt Ion: 63 Resp: 6791
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 5.9 2.4 7.2



#25
 2-Butanone
 Concen: 0.998 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.018 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

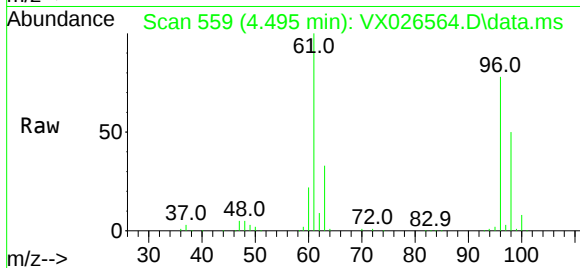
Tgt Ion: 43 Resp: 1195
 Ion Ratio Lower Upper
 43 100
 72 36.5 20.4 30.6#





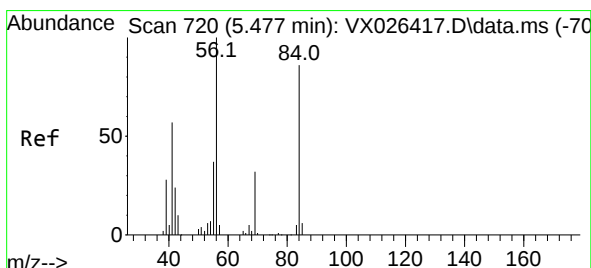
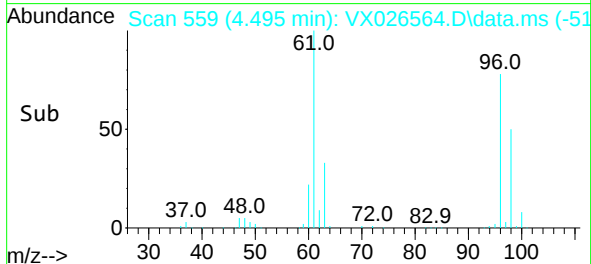
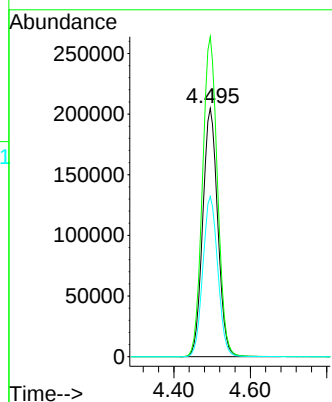
#27
 cis-1,2-Dichloroethene
 Concen: 333.376 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 555722

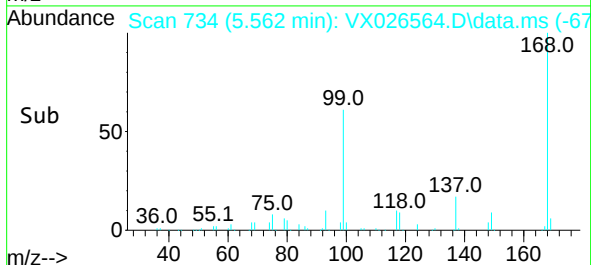
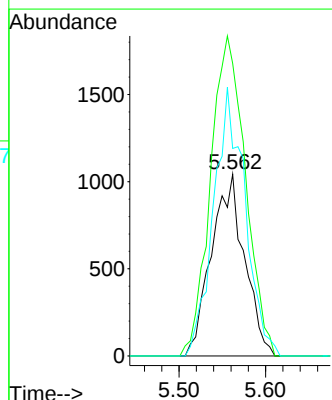
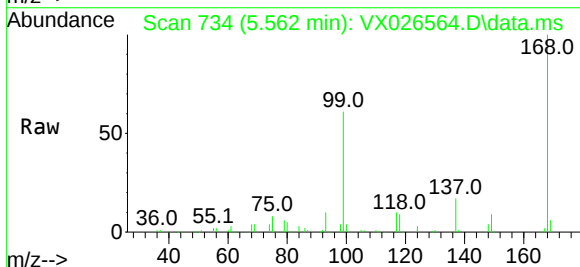
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	296.6
98	64.6	0.0	128.8

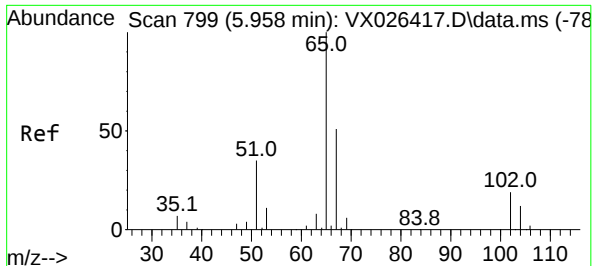


#31
 Cyclohexane
 Concen: 1.039 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.085 min
 Lab File: VX026564.D
 Acq: 25 Jan 2022 13:17

Tgt Ion: 56 Resp: 2765

Ion	Ratio	Lower	Upper
56	100		
69	160.9	25.8	38.6#
84	114.2	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.339 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

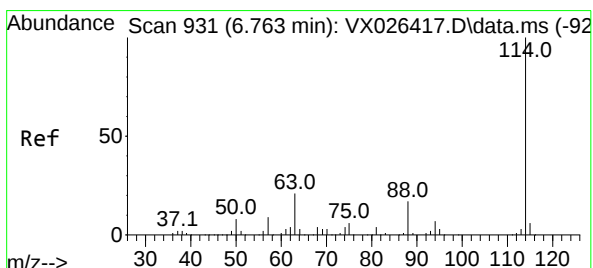
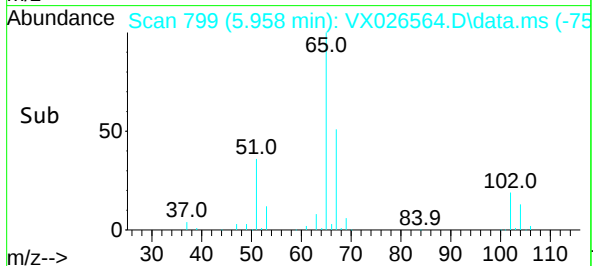
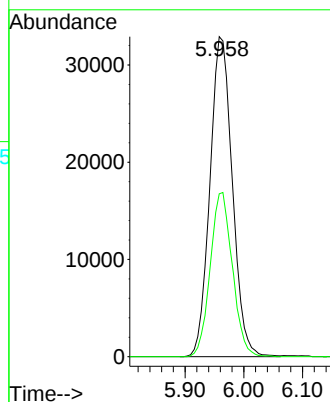
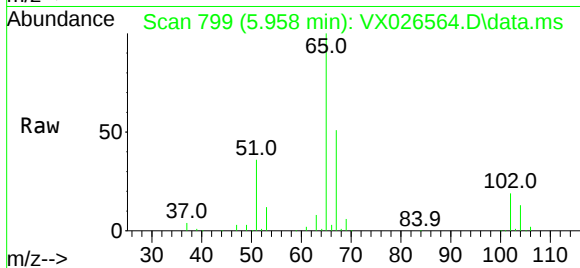
ClientSampleId :

Tgt Ion: 65 Resp: 87234

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

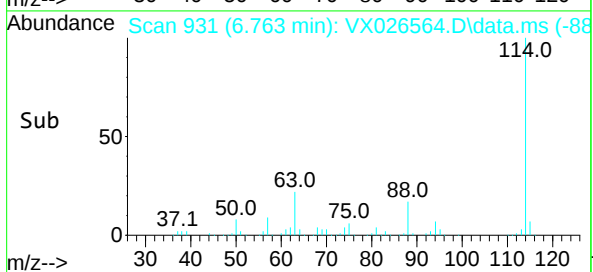
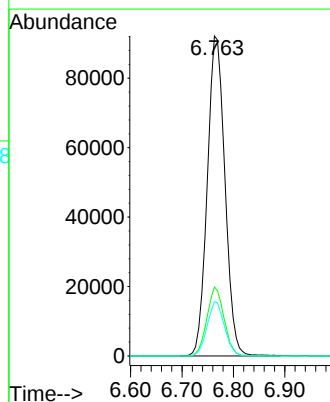
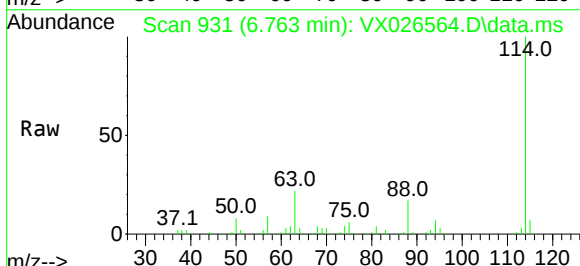
Tgt Ion: 114 Resp: 219995

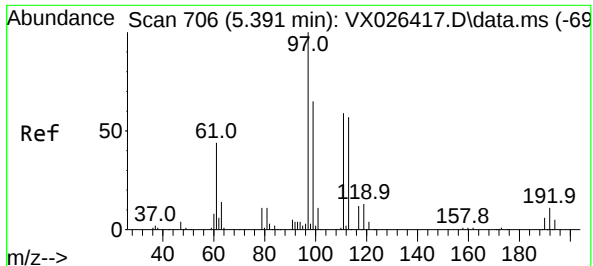
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.651 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

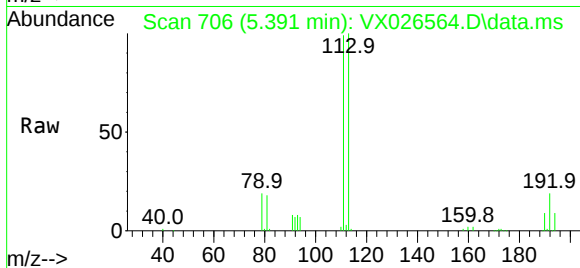
Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :



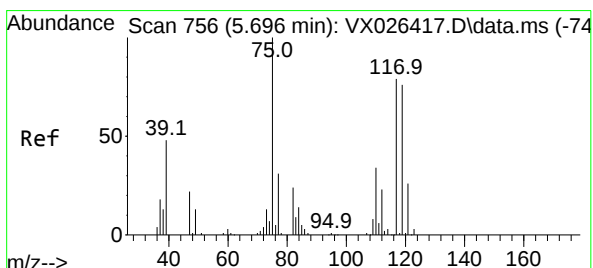
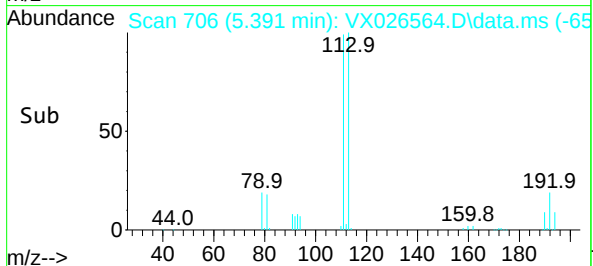
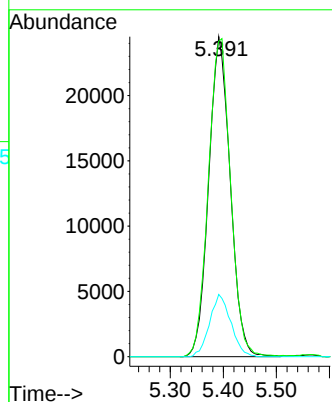
Tgt Ion:113 Resp: 69117

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 19.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.451 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

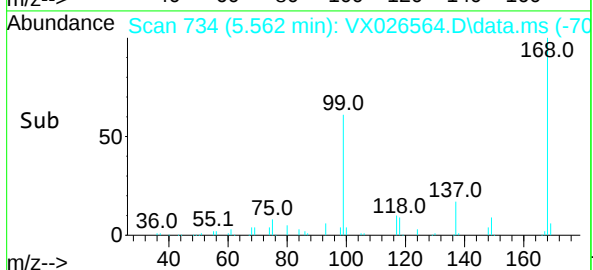
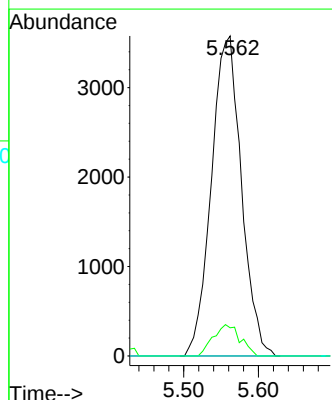
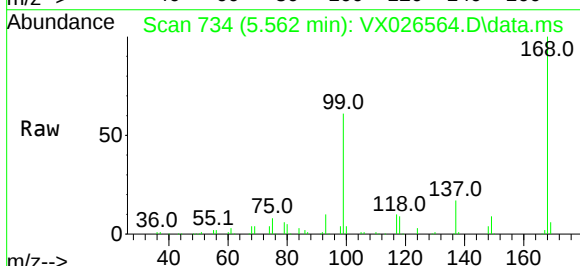
Tgt Ion: 75 Resp: 9982

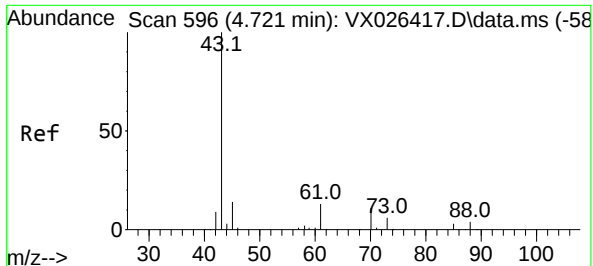
Ion Ratio Lower Upper

75 100

110 8.8 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.527 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.140 min

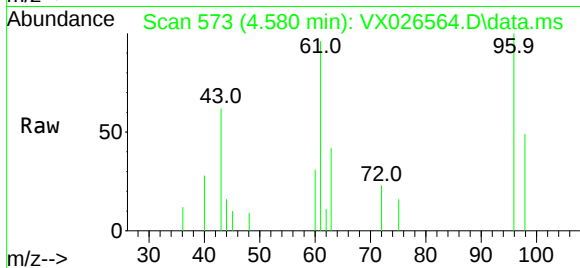
Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

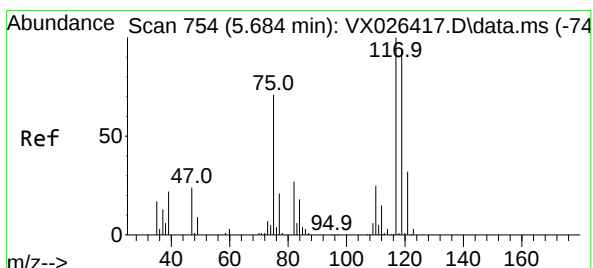
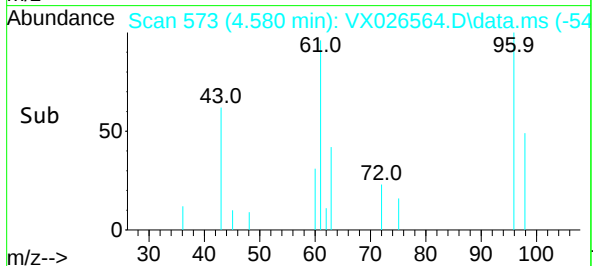
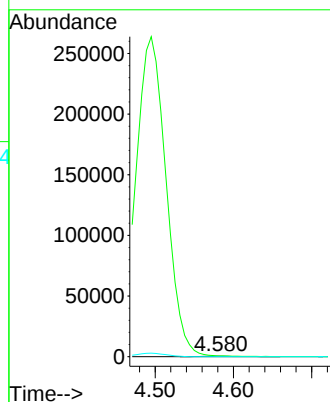
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1195
Ion Ratio	100	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 5.865 ug/l

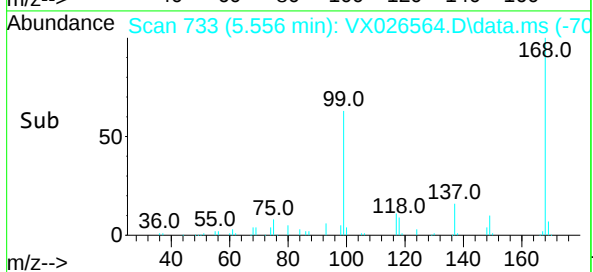
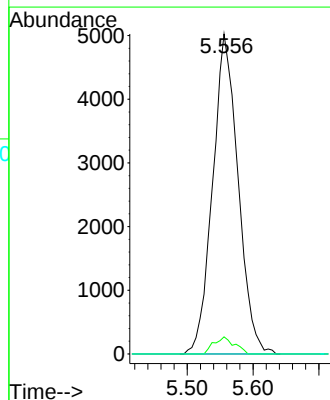
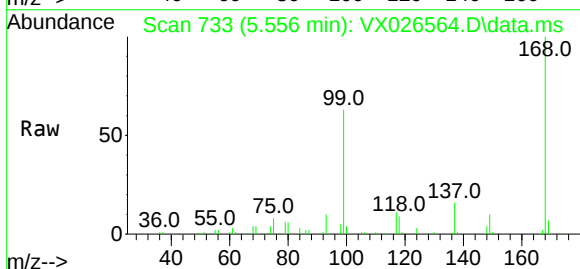
RT: 5.556 min Scan# 733

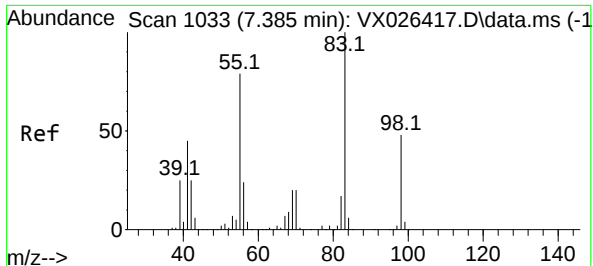
Delta R.T. -0.128 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Tgt Ion:	117	Resp:	13530
Ion Ratio	100	Lower	Upper
117	100		
119	5.4	74.7	112.1#
121	0.0	25.4	38.0#





#39

Methylcyclohexane

Concen: 0.300 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

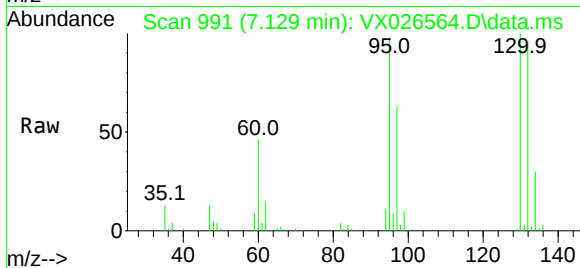
Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :



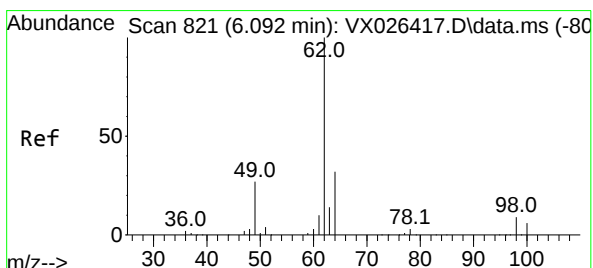
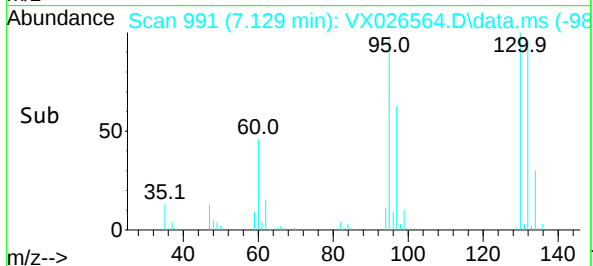
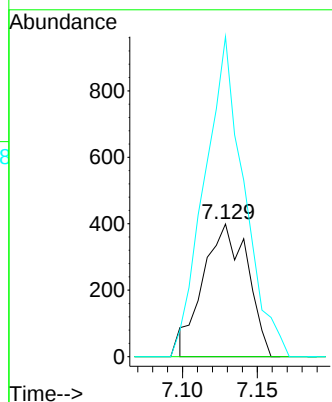
Tgt Ion: 83 Resp: 812

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 225.8 38.4 57.6#



#42

1,2-Dichloroethane

Concen: 1.426 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026564.D

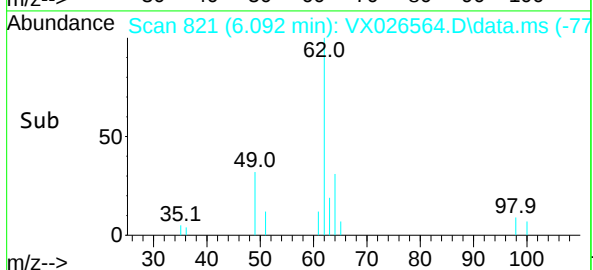
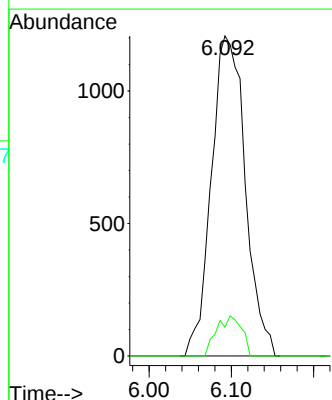
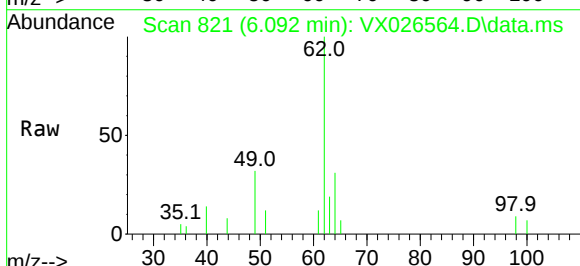
Acq: 25 Jan 2022 13:17

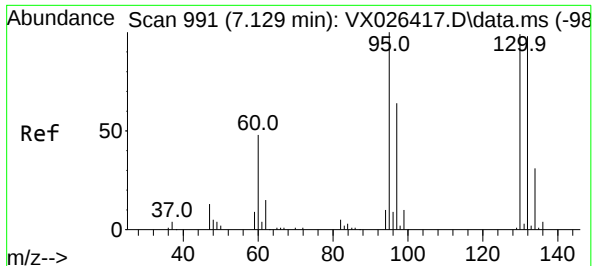
Tgt Ion: 62 Resp: 3459

Ion Ratio Lower Upper

62 100

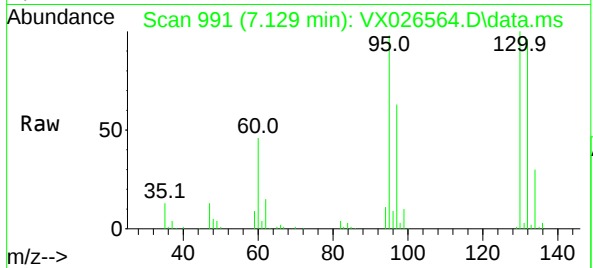
98 9.3 0.0 17.8



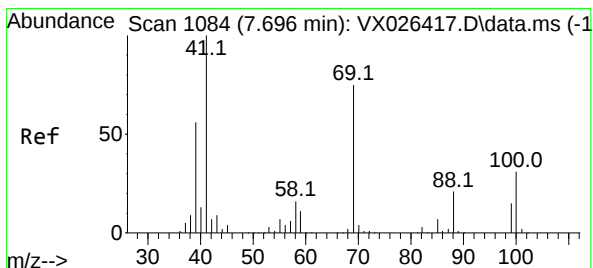
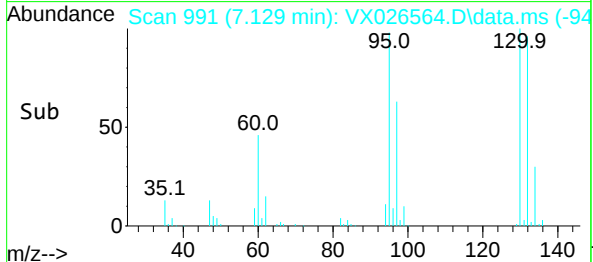
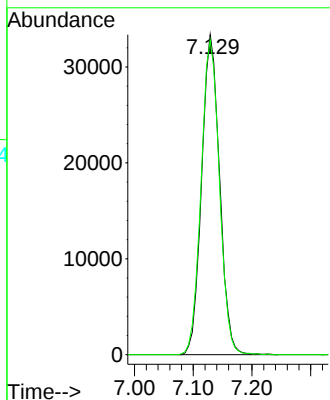


#44
Trichloroethene
Concen: 40.347 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :

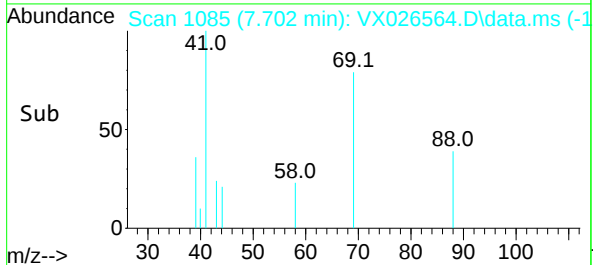
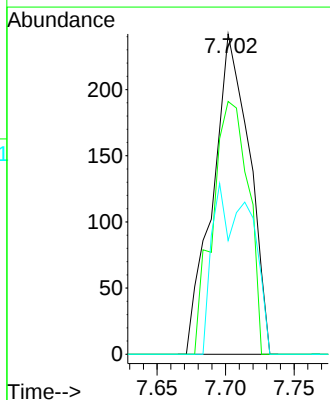
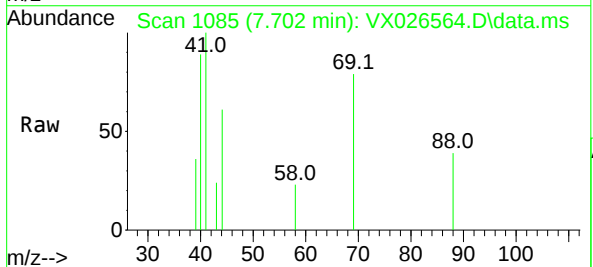


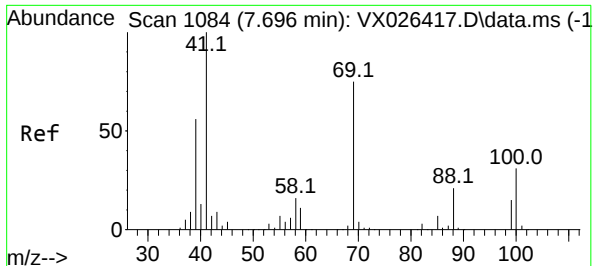
Tgt Ion:130 Resp: 70969
Ion Ratio Lower Upper
130 100
95 98.2 0.0 202.6



#48
Methyl methacrylate
Concen: 0.249 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Tgt Ion: 41 Resp: 452
Ion Ratio Lower Upper
41 100
69 76.5 62.2 93.4
39 24.8 45.4 68.0#





#49

1,4-Dioxane

Concen: 6.241 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. -0.012 min

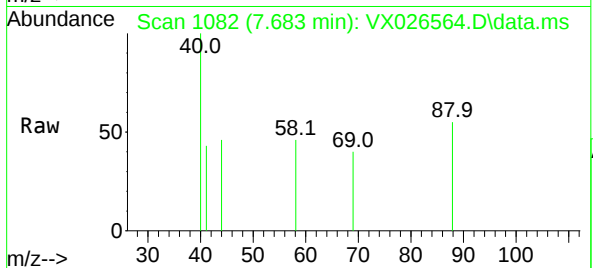
Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :



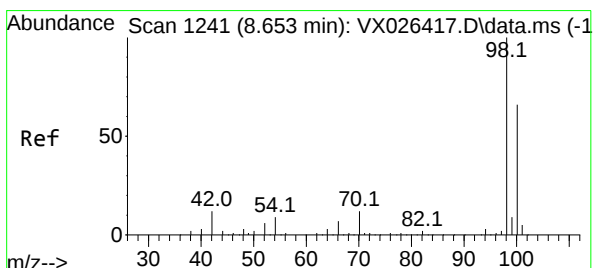
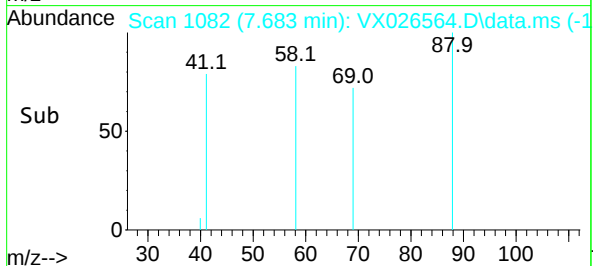
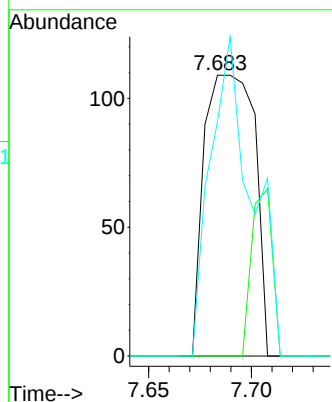
Tgt Ion: 88 Resp: 186

Ion Ratio Lower Upper

88 100

43 0.0 29.9 44.9#

58 93.0 57.8 86.6#



#50

Toluene-d8

Concen: 49.188 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026564.D

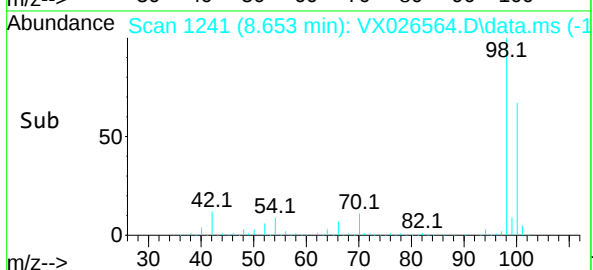
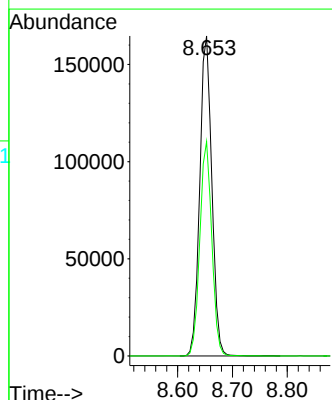
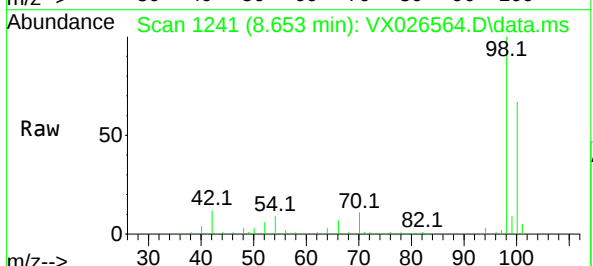
Acq: 25 Jan 2022 13:17

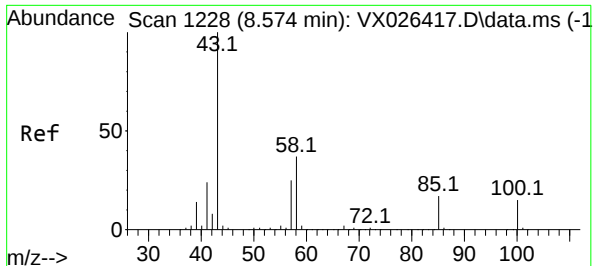
Tgt Ion: 98 Resp: 251813

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8

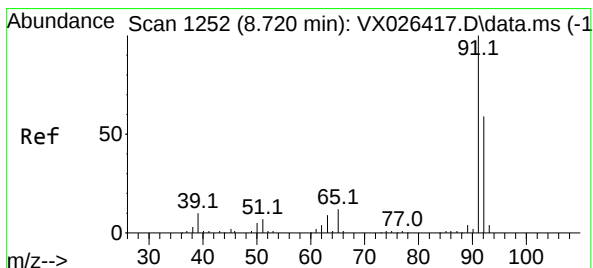
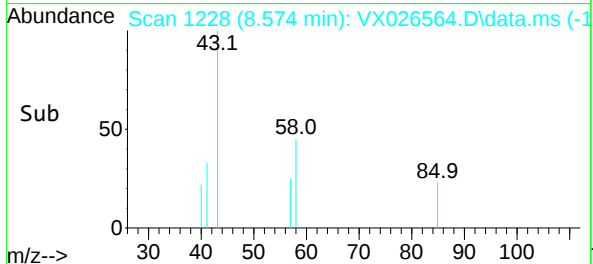
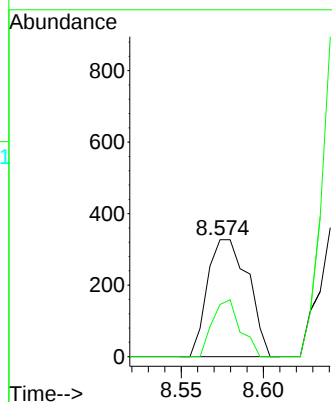
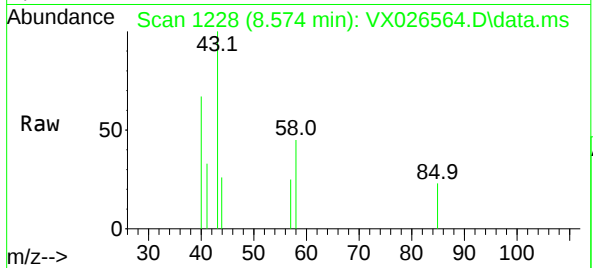




#51
4-Methyl-2-Pentanone
Concen: 0.259 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

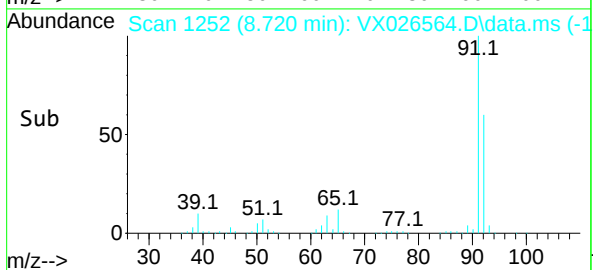
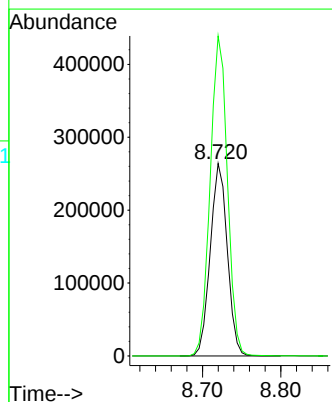
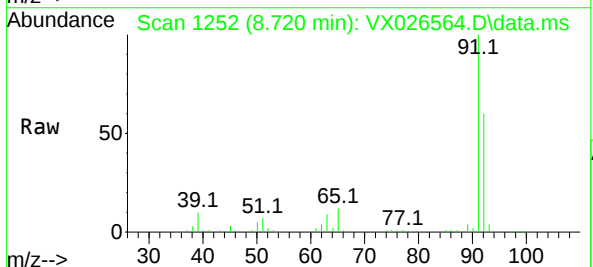
Instrument :
MSVOA_X
ClientSampleId :

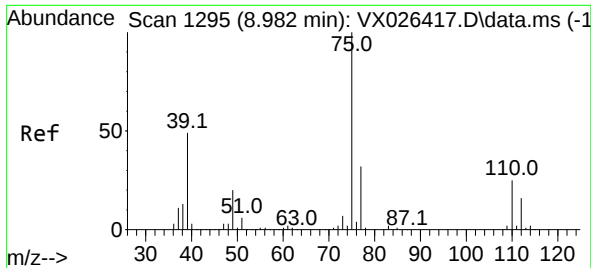
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
58 33.2 30.5 45.7



#52
Toluene
Concen: 104.853 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Tgt Ion: 92 Resp: 398582
Ion Ratio Lower Upper
92 100
91 168.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 3.807 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

Instrument :

MSVOA_X

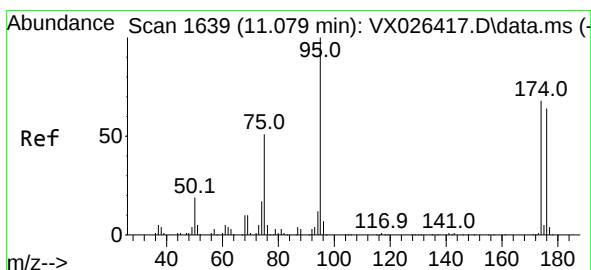
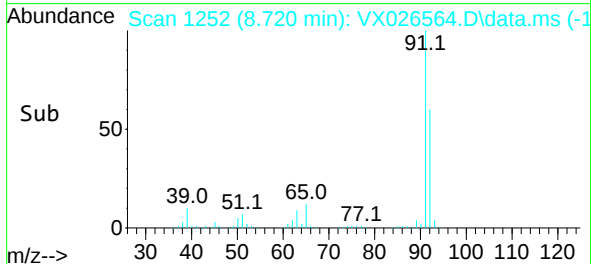
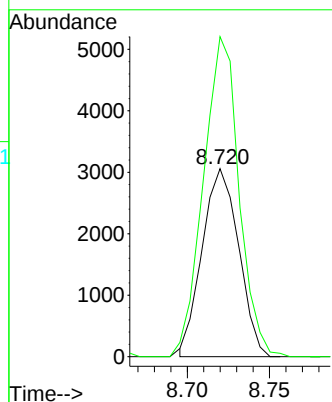
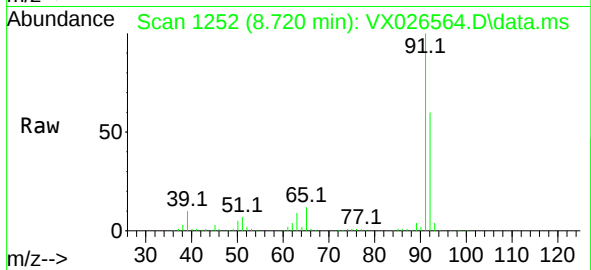
ClientSampleId :

Tgt Ion: 75 Resp: 4720

Ion Ratio Lower Upper

75 100

77 168.5 25.7 38.5#



#62

4-Bromofluorobenzene

Concen: 49.163 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026564.D

Acq: 25 Jan 2022 13:17

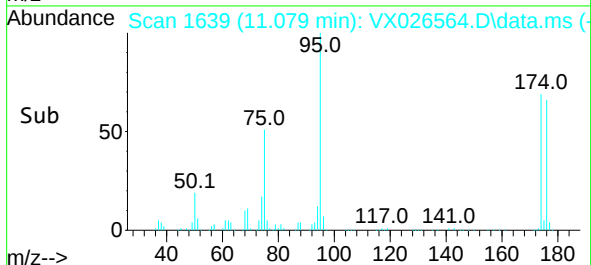
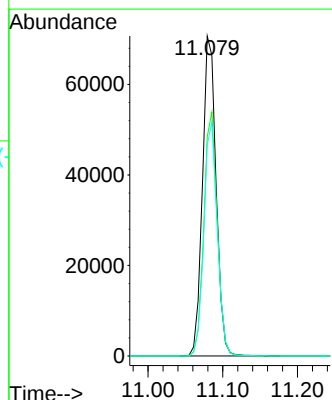
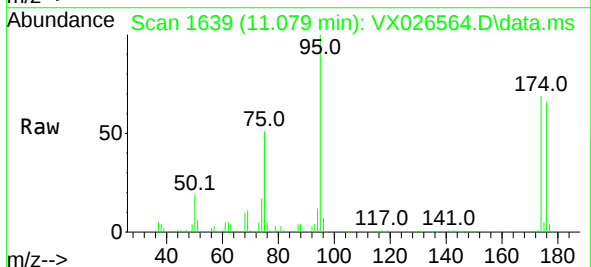
Tgt Ion: 95 Resp: 89409

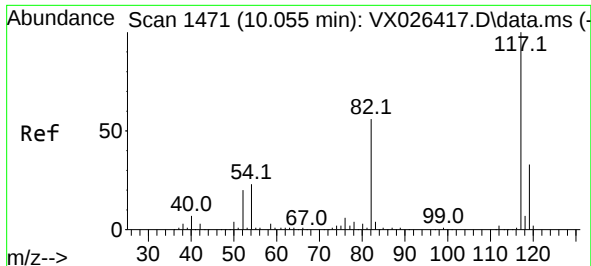
Ion Ratio Lower Upper

95 100

174 75.2 0.0 148.6

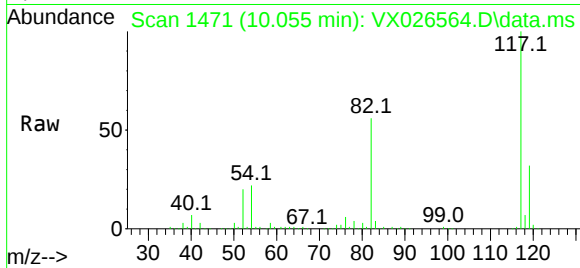
176 71.8 0.0 141.4



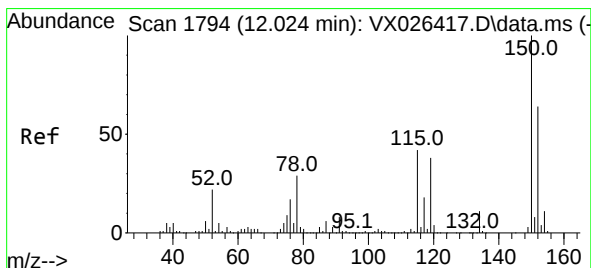
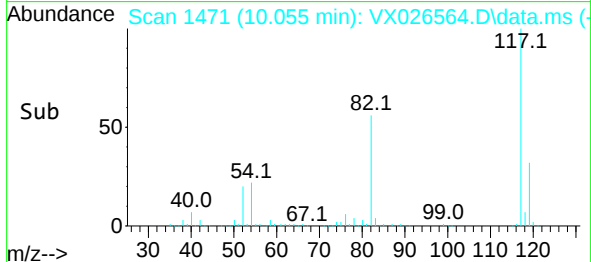
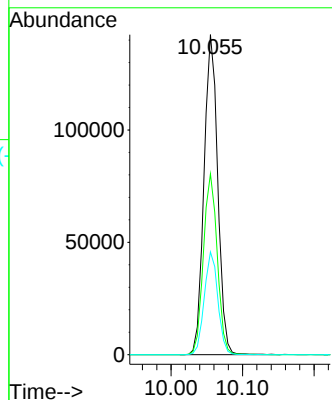


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :

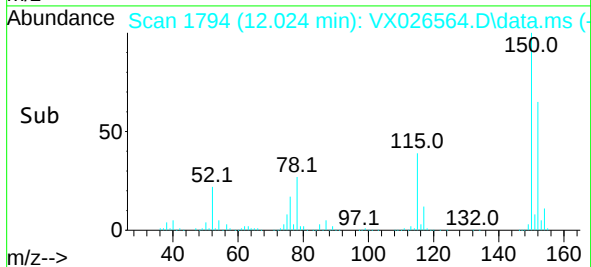
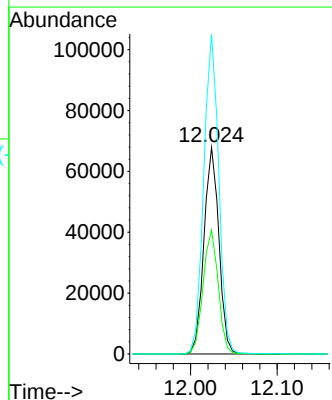
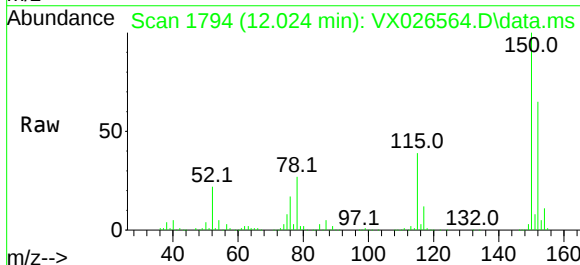


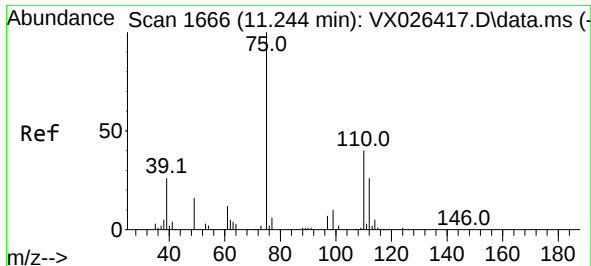
Tgt Ion:117 Resp: 190169
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Tgt Ion:152 Resp: 81235
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 155.9 0.0 348.2

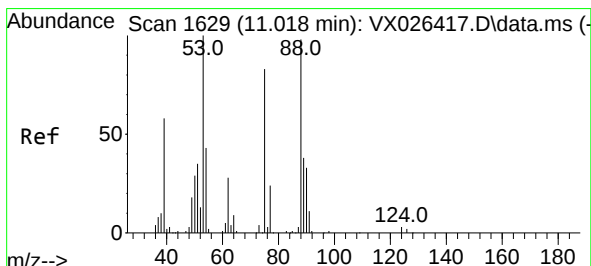
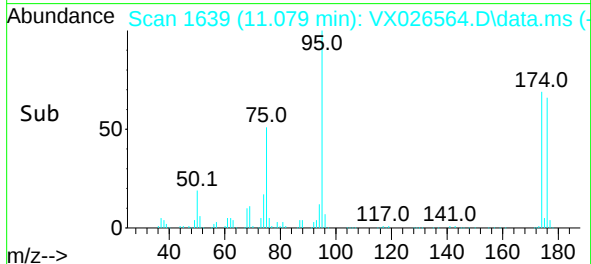
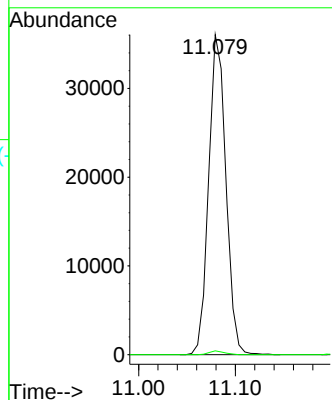
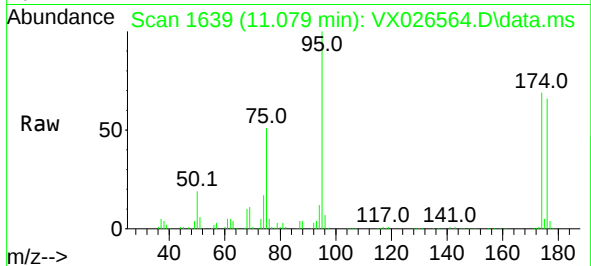




#76
1,2,3-Trichloropropane
Concen: 25.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44757
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026564.D
Acq: 25 Jan 2022 13:17

Tgt Ion: 75 Resp: 44757
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

