

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026269.D
 Acq On : 04 Jan 2022 14:18
 Operator : JC/MD
 Sample : M5335-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 06:09:08 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)

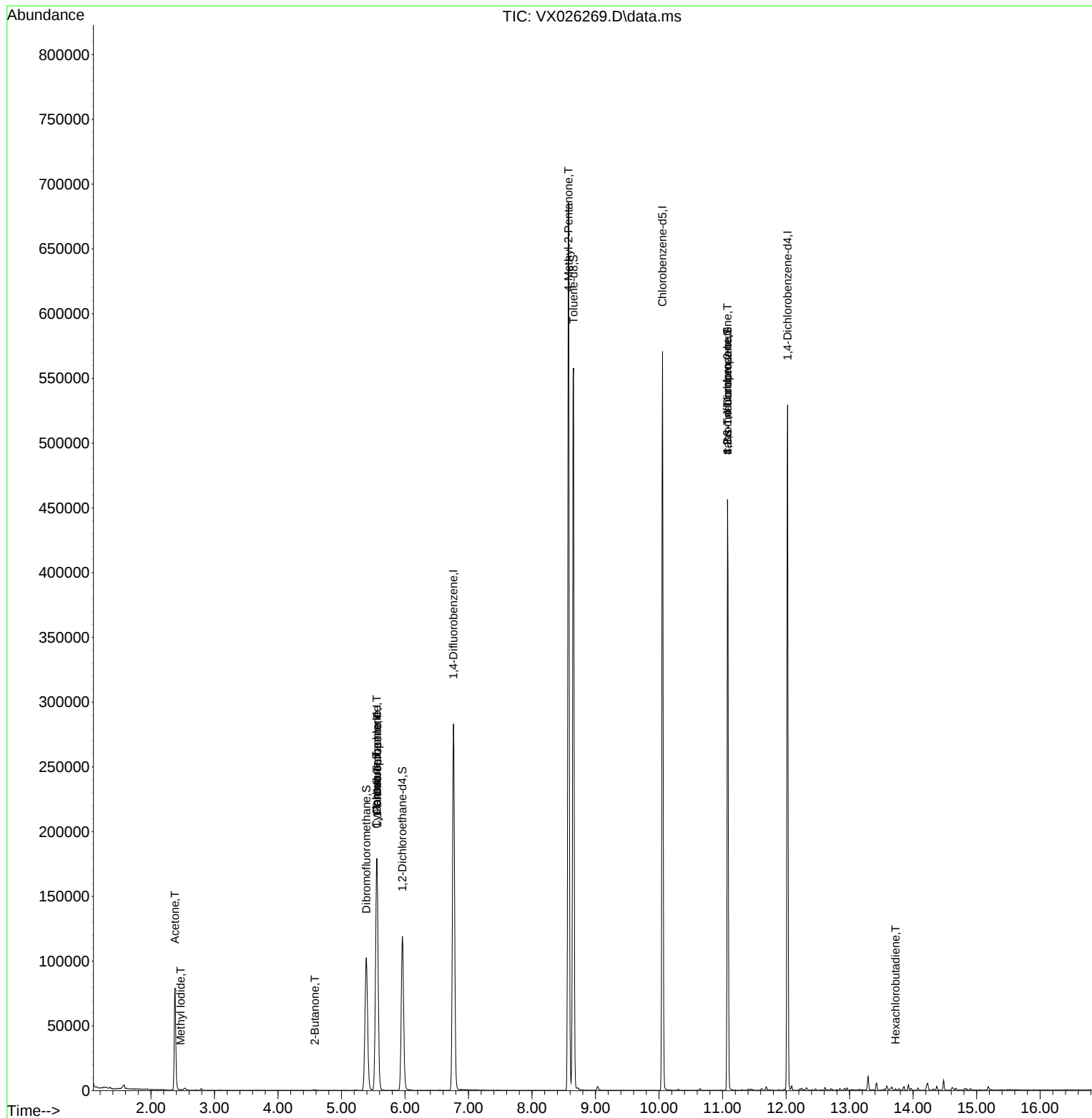
Internal Standards						
1) Pentafluorobenzene	5.556	168	158963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120612	52.446	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.900%		
35) Dibromofluoromethane	5.391	113	88408	49.789	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.580%		
50) Toluene-d8	8.653	98	326635	49.455	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	11.079	95	119427	50.794	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.580%		
Target Compounds						
						Qvalue
10) Methyl Iodide	2.465	142	498	0.207	ug/l #	90
16) Acetone	2.380	43	86046	69.056	ug/l	97
20) Methylene Chloride	2.788	84	632	Below Cal	#	81
25) 2-Butanone	4.580	43	577	0.332	ug/l #	49
31) Cyclohexane	5.550	56	4020	1.227	ug/l #	28
36) 1,1-Dichloropropene	5.562	75	13980	4.881	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17612	5.528	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	398514	118.325	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	63196	26.069	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63196	75.419	ug/l #	10
94) Hexachlorobutadiene	13.725	225	258	0.292	ug/l	79

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

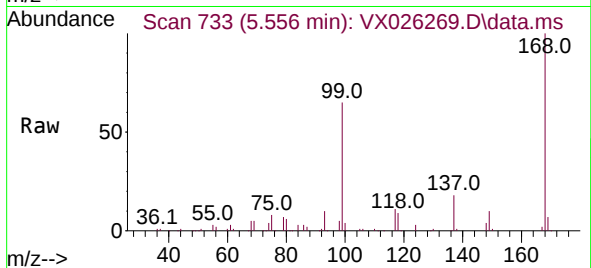
Quant Time: Jan 05 06:09:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



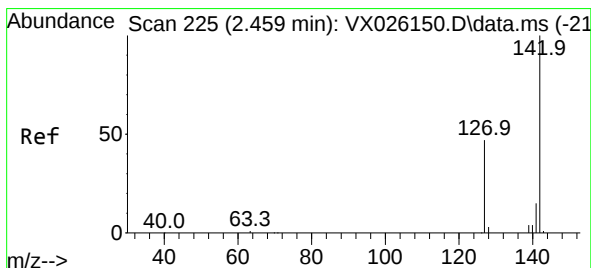
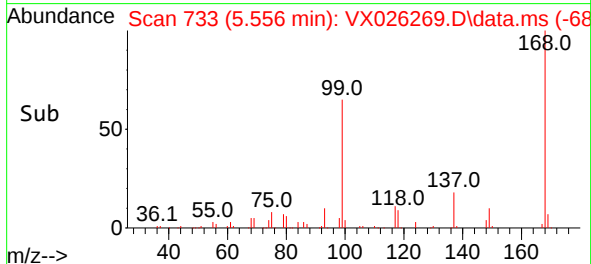
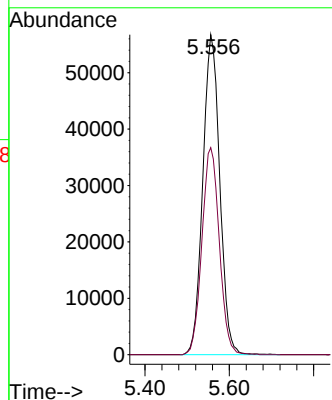


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :

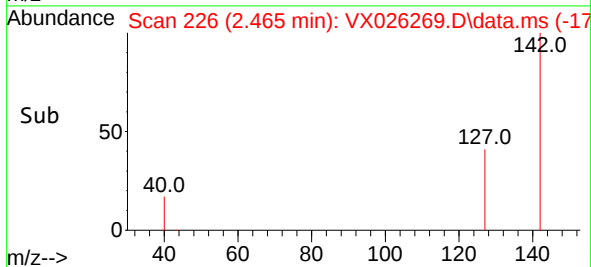
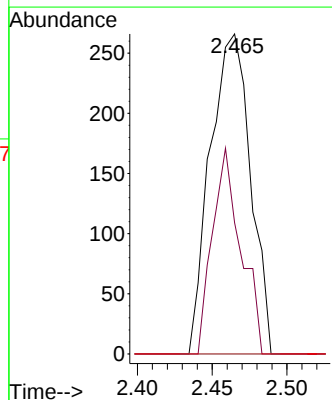
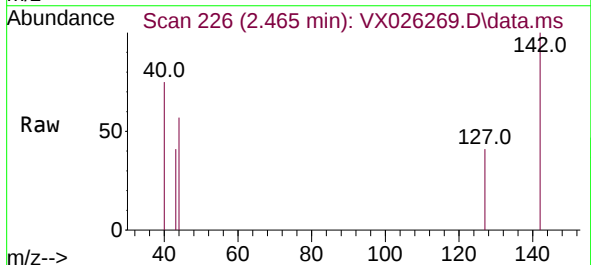


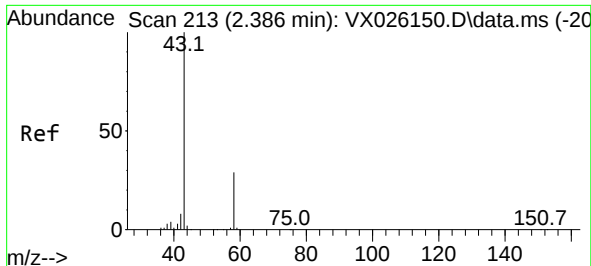
Tgt Ion:168 Resp: 158963
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.8



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
127 45.4 37.5 56.3
141 0.0 11.4 17.0#

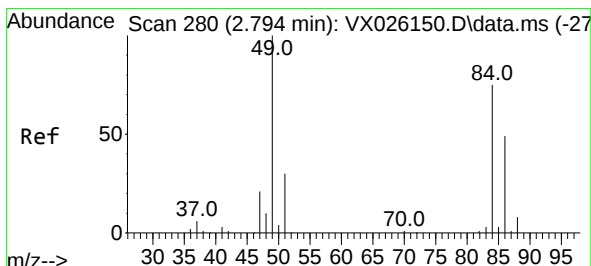
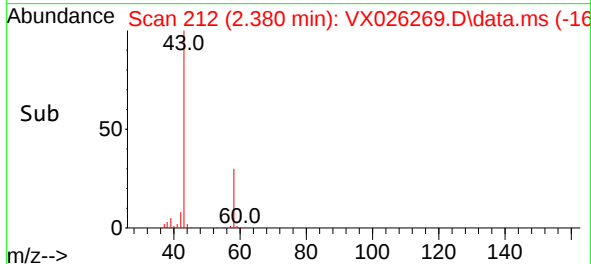
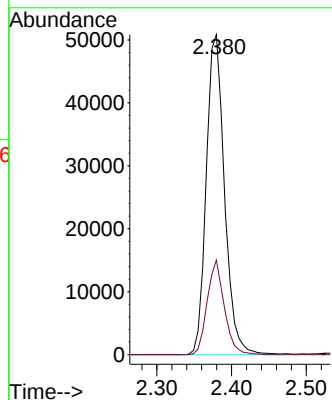
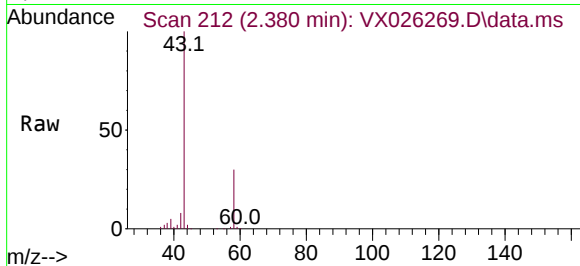




#16
Acetone
Concen: 69.056 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

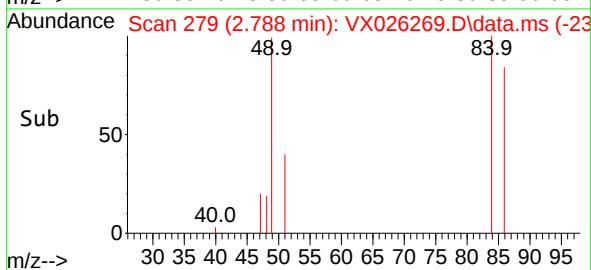
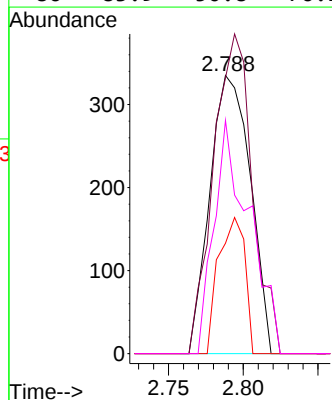
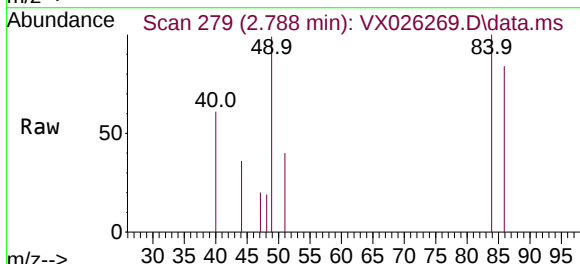
Instrument :
MSVOA_X
ClientSampleId :

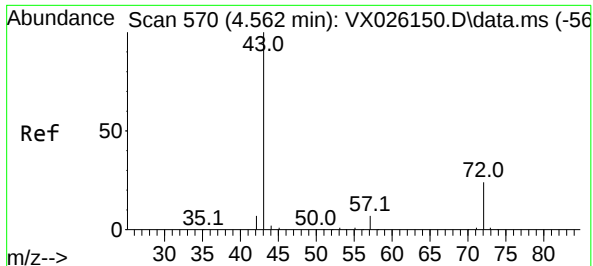
Tgt Ion: 43 Resp: 86046
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion: 84 Resp: 632
Ion Ratio Lower Upper
84 100
49 99.1 97.1 145.7
51 39.7 29.3 43.9
86 83.9 50.8 76.2#

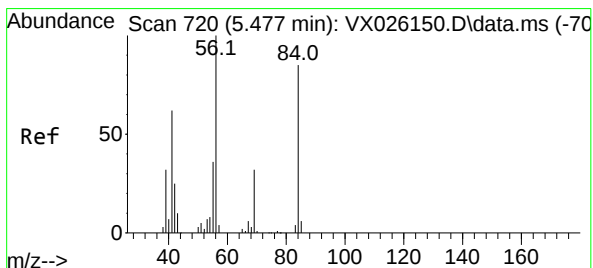
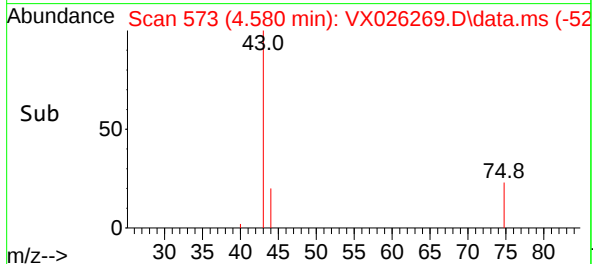
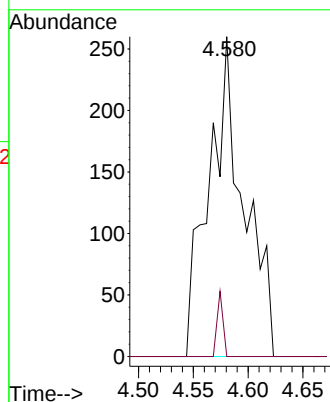
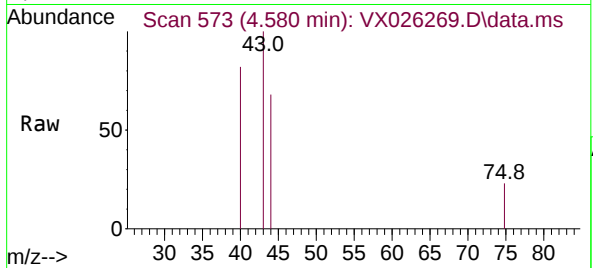




#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

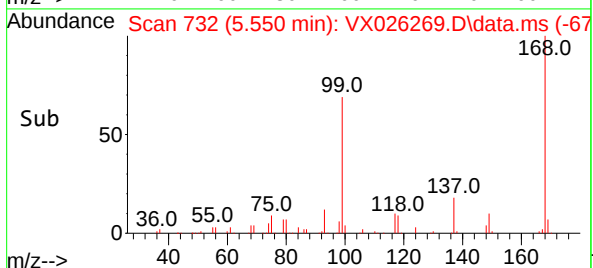
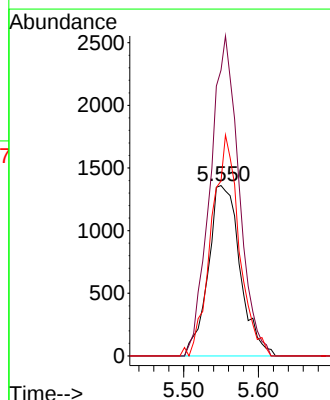
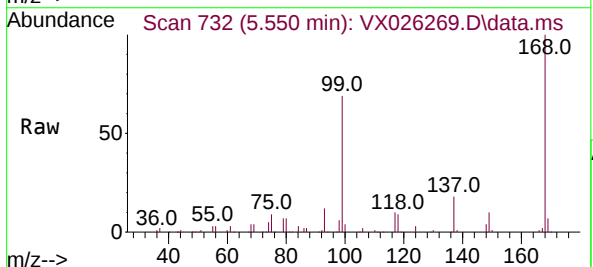
Instrument :
MSVOA_X
ClientSampleId :

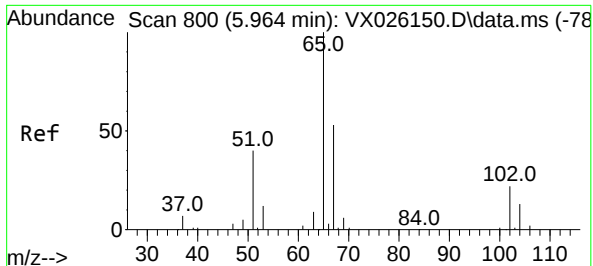
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion: 56 Resp: 4020
Ion Ratio Lower Upper
56 100
69 167.7 23.9 35.9#
84 102.6 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 52.446 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026269.D

Acq: 04 Jan 2022 14:18

Instrument :

MSVOA_X

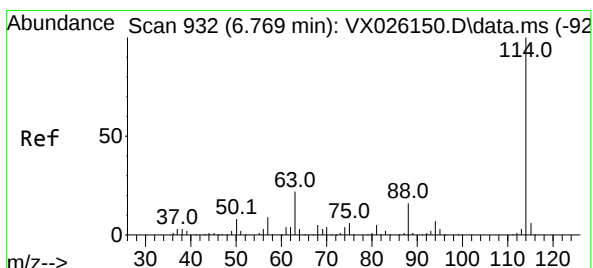
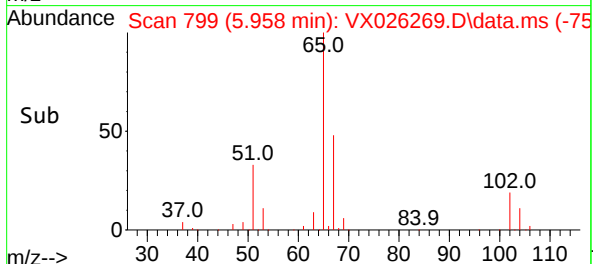
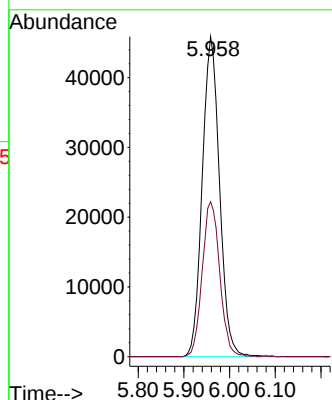
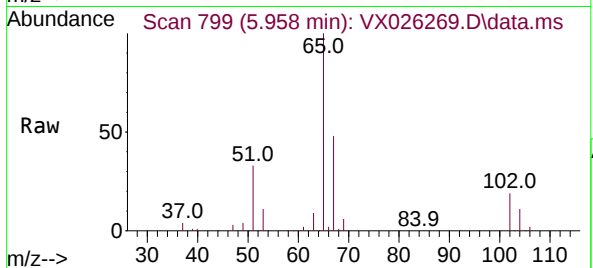
ClientSampleId :

Tgt Ion: 65 Resp: 120612

Ion Ratio Lower Upper

65 100

67 49.0 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: VX026269.D

Acq: 04 Jan 2022 14:18

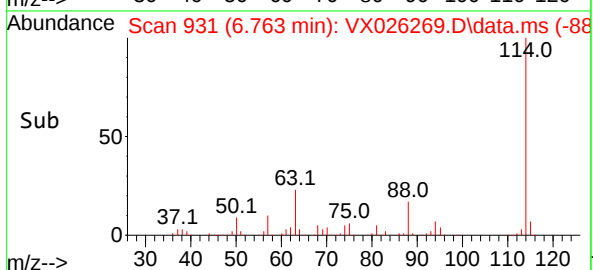
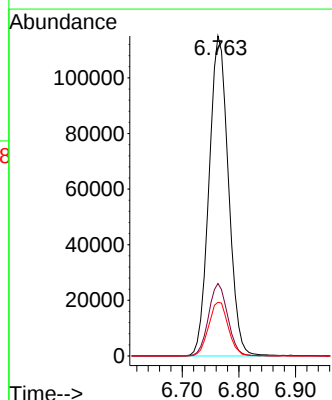
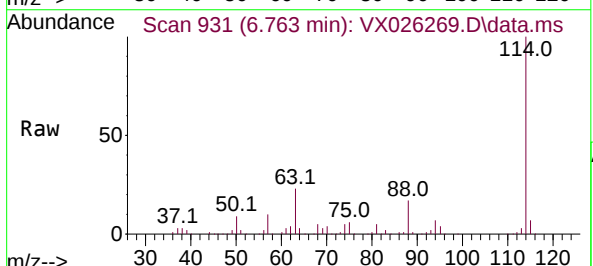
Tgt Ion: 114 Resp: 273120

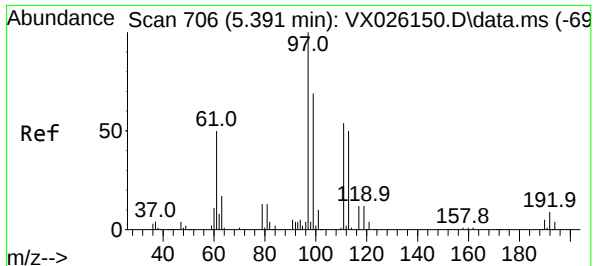
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.789 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

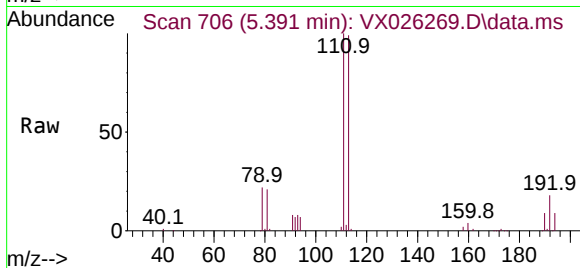
Lab File: VX026269.D

Acq: 04 Jan 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :



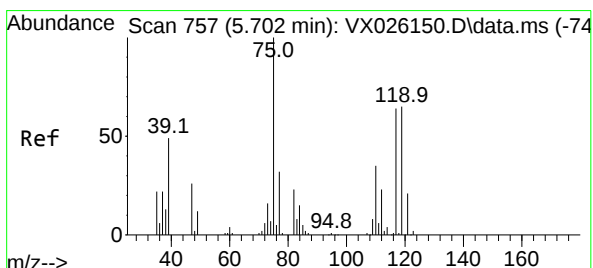
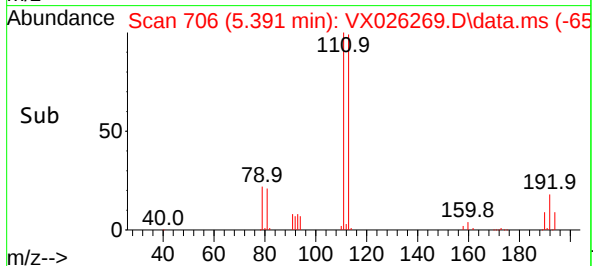
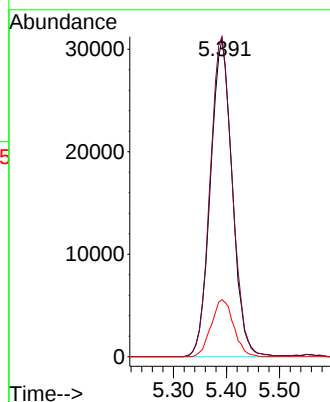
Tgt Ion:113 Resp: 88408

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.881 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026269.D

Acq: 04 Jan 2022 14:18

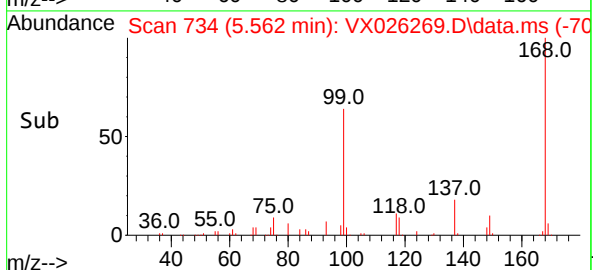
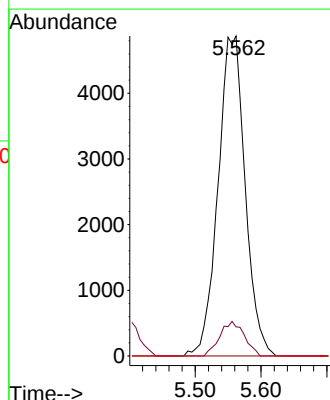
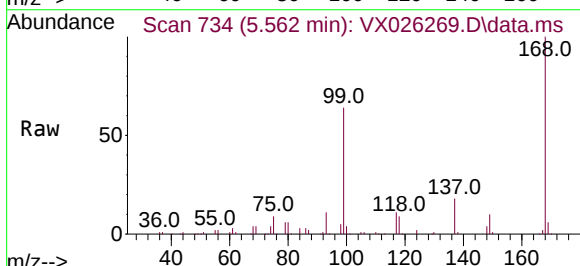
Tgt Ion: 75 Resp: 13980

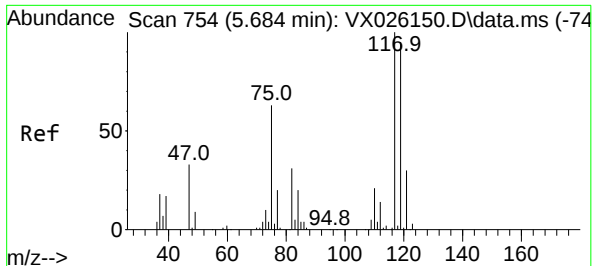
Ion Ratio Lower Upper

75 100

110 9.8 18.2 54.6#

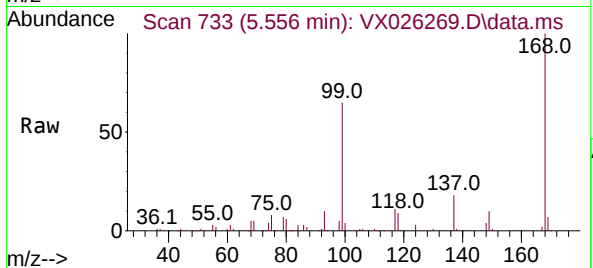
77 0.0 24.7 37.1#



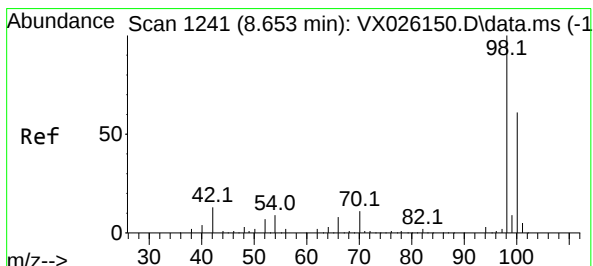
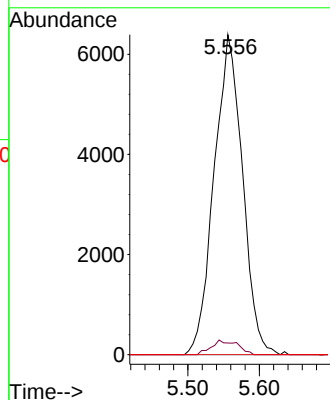
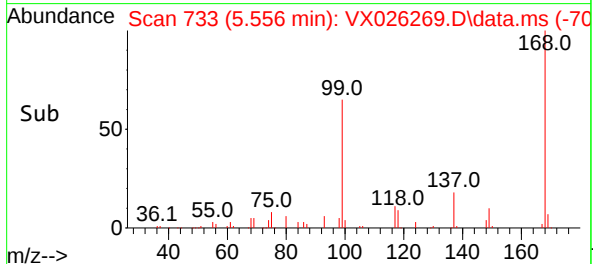


#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Instrument :
MSVOA_X
ClientSampleId :

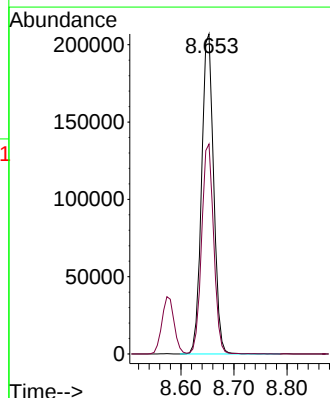
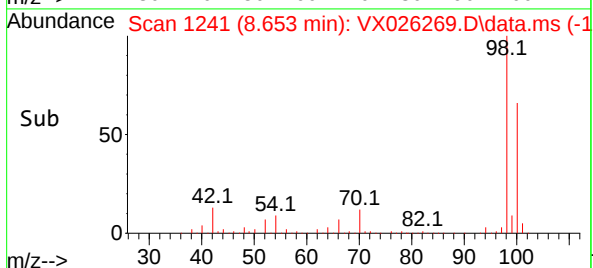
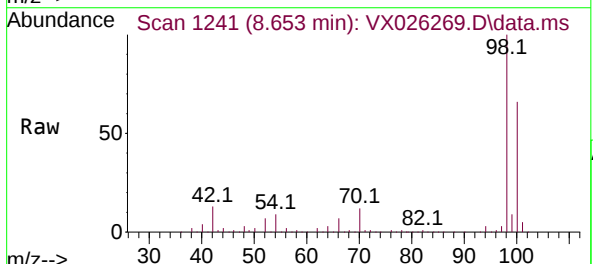


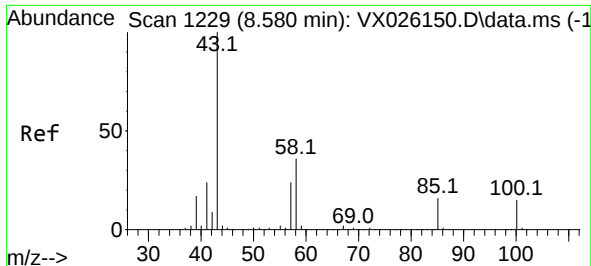
Tgt Ion:117 Resp: 17612
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion: 98 Resp: 326635
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

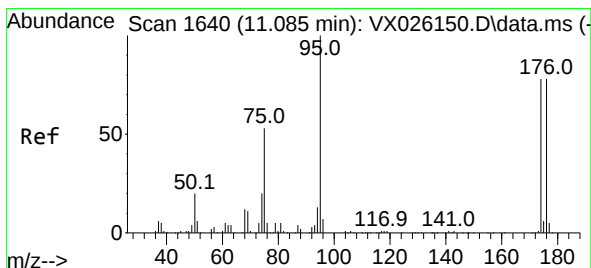
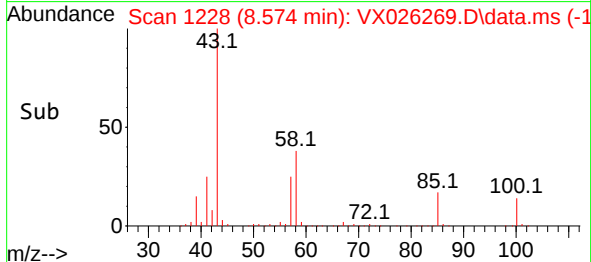
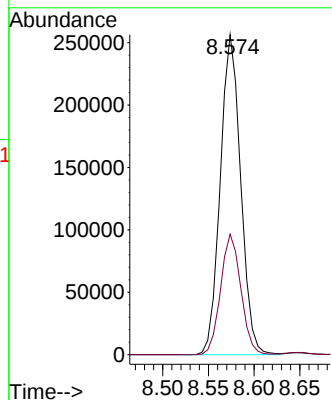
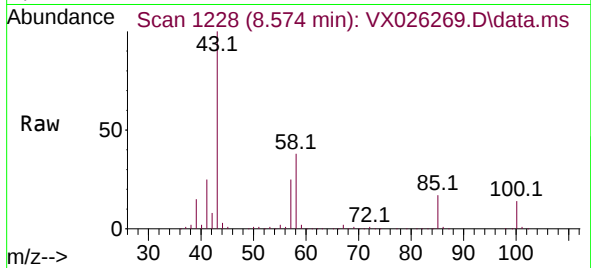




#51
4-Methyl-2-Pentanone
Concen: 118.325 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

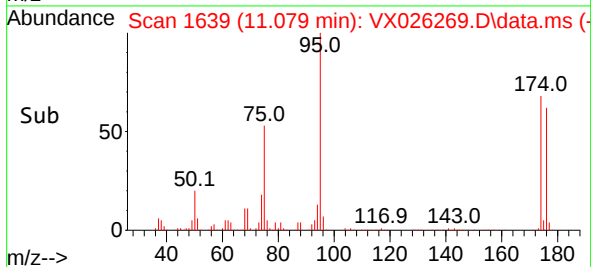
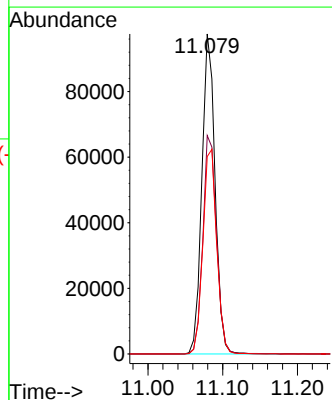
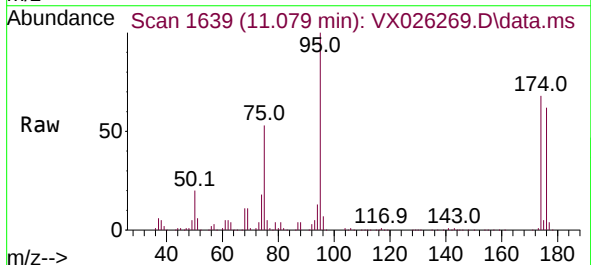
Instrument :
MSVOA_X
ClientSampleId :

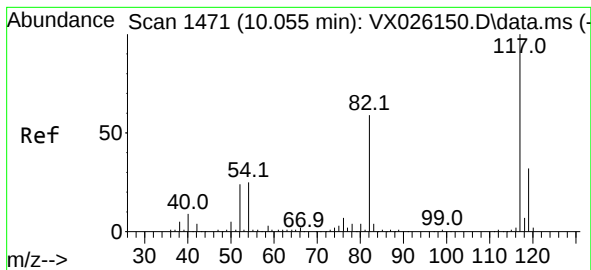
Tgt Ion: 43 Resp: 398514
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2



#62
4-Bromofluorobenzene
Concen: 50.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion: 95 Resp: 119427
Ion Ratio Lower Upper
95 100
174 70.7 0.0 157.4
176 67.2 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: VX026269.D

Acq: 04 Jan 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :

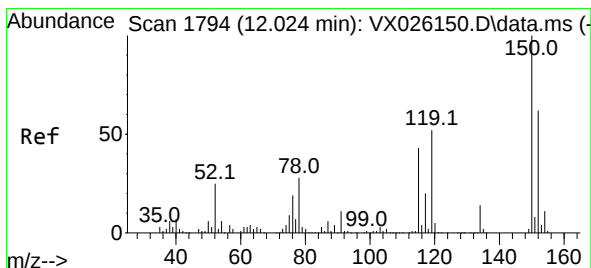
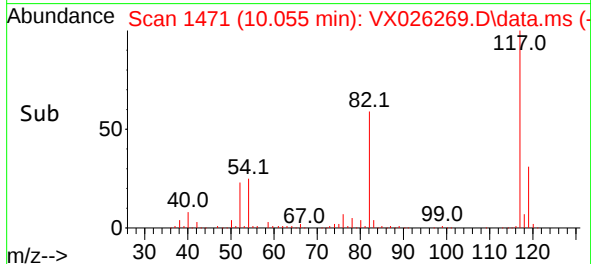
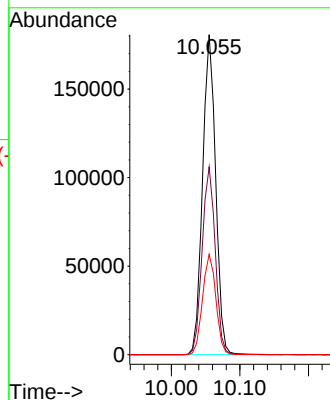
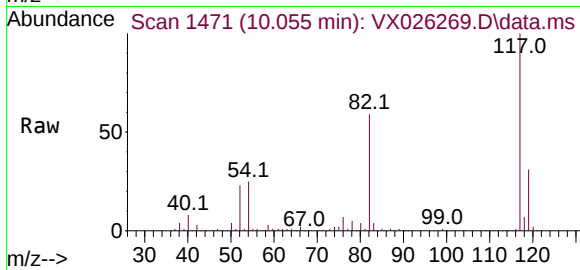
Tgt Ion:117 Resp: 240648

Ion Ratio Lower Upper

117 100

82 58.7 43.8 65.6

119 31.4 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: VX026269.D

Acq: 04 Jan 2022 14:18

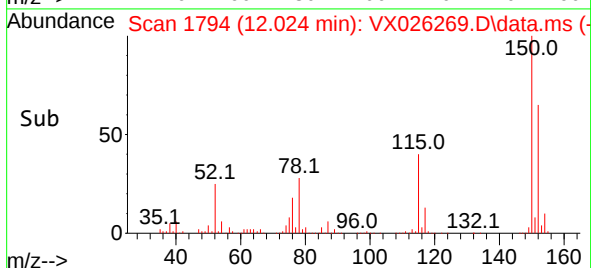
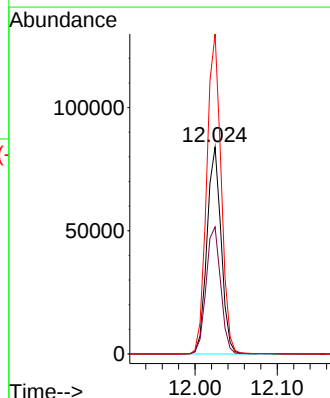
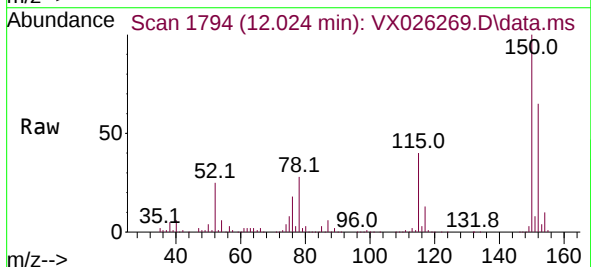
Tgt Ion:152 Resp: 100431

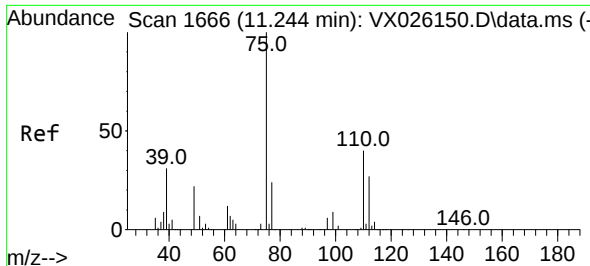
Ion Ratio Lower Upper

152 100

115 63.3 41.3 123.9

150 157.5 0.0 351.8

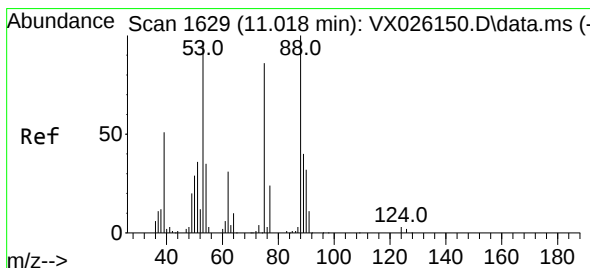
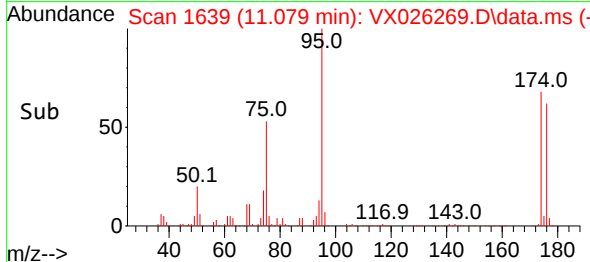
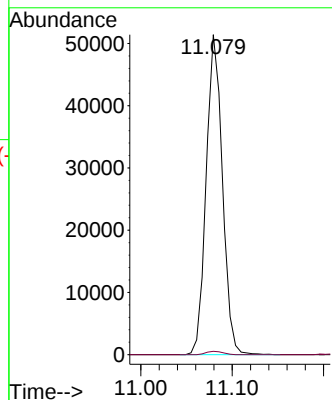
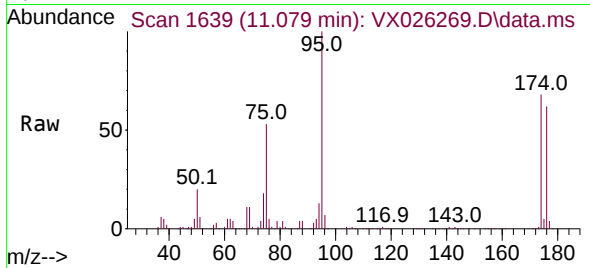




#76
1,2,3-Trichloropropane
Concen: 26.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

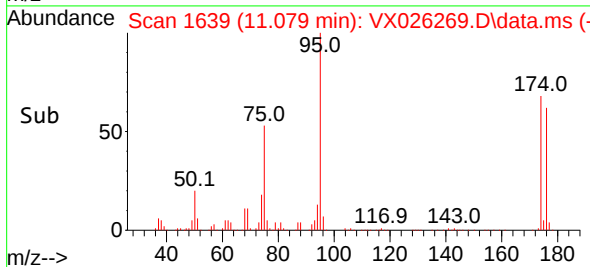
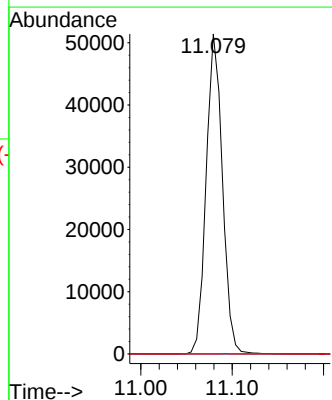
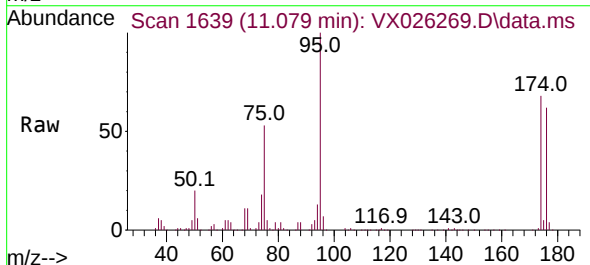
Instrument :
MSVOA_X
ClientSampleId :

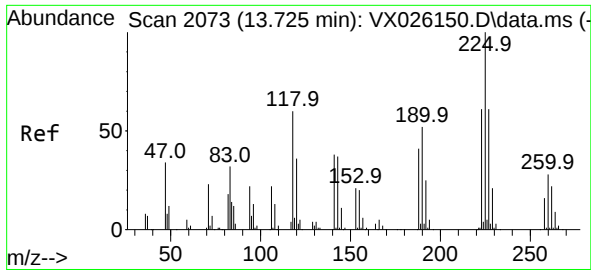
Tgt Ion: 75 Resp: 63196
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026269.D
Acq: 04 Jan 2022 14:18

Tgt Ion: 75 Resp: 63196
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#94

Hexachlorobutadiene

Concen: 0.292 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

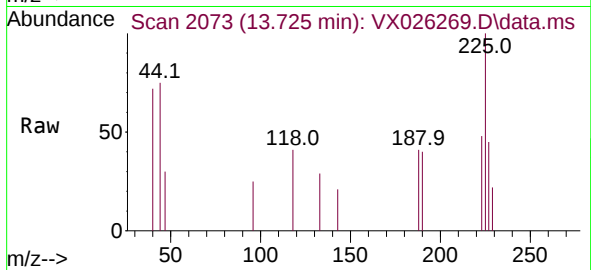
Lab File: VX026269.D

Acq: 04 Jan 2022 14:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	225	Resp:	258
Ion	Ratio	Lower	Upper
225	100		
223	41.5	31.6	95.0
227	53.1	32.5	97.5

