

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026317.D
 Acq On : 05 Jan 2022 13:14
 Operator : JC/MD
 Sample : N1018-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 03:08:07 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)

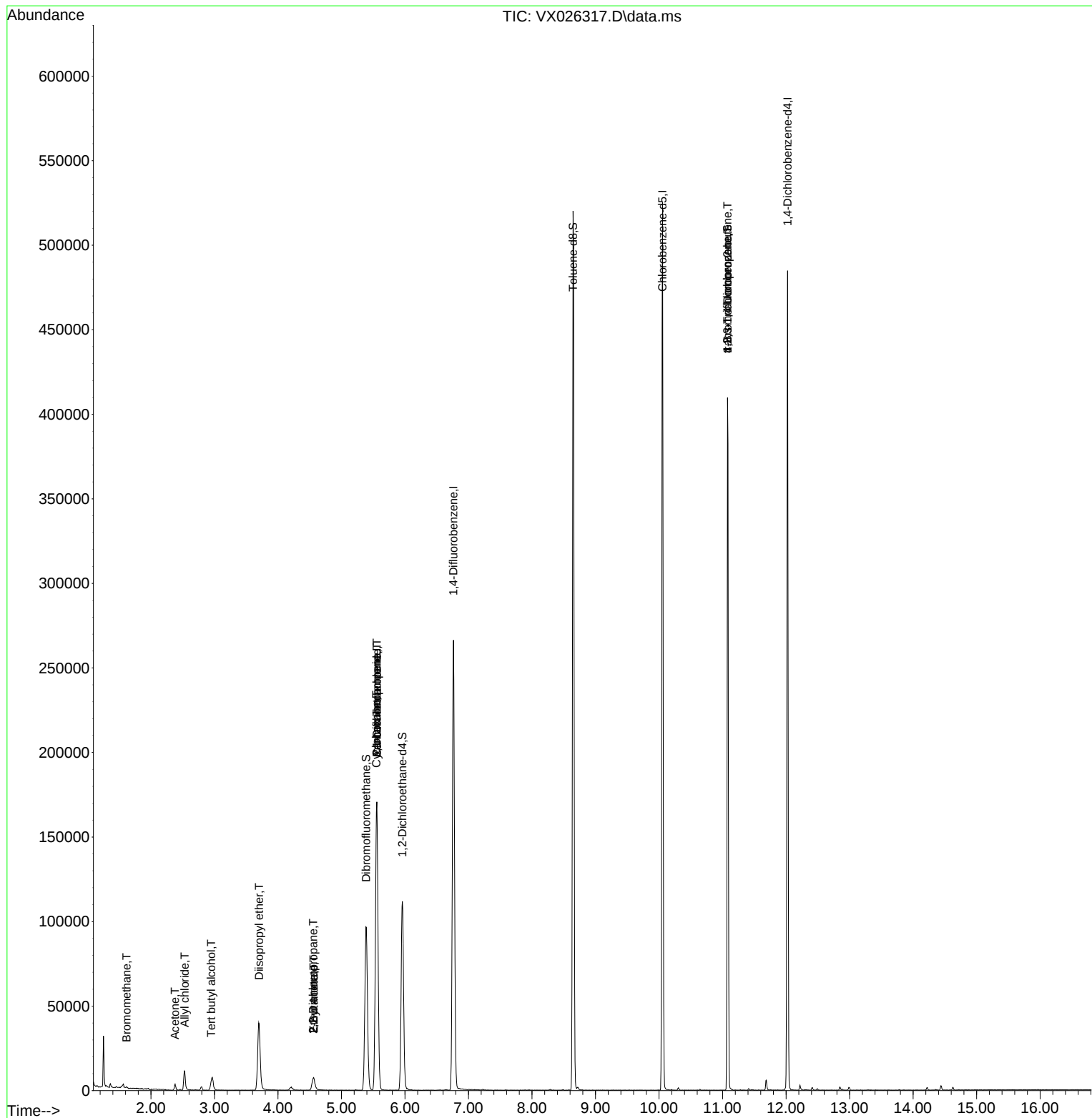
Internal Standards						
1) Pentafluorobenzene	5.556	168	155527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114808	51.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.060%
35) Dibromofluoromethane	5.385	113	84964	49.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.647	98	304119	48.078	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.079	95	112016	49.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	460	0.372	ug/l	96
11) Tert butyl alcohol	2.947	59	2751	6.121	ug/l #	73
14) Allyl chloride	2.532	41	1143	0.336	ug/l #	71
16) Acetone	2.380	43	3694	3.030	ug/l	98
20) Methylene Chloride	2.794	84	903	Below Cal		87
22) Diisopropyl ether	3.703	45	1373	0.211	ug/l #	1
25) 2-Butanone	4.562	43	784	0.462	ug/l #	49
26) 2,2-Dichloropropane	4.556	77	605	0.228	ug/l #	52
31) Cyclohexane	5.550	56	3584	1.119	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	12729	4.641	ug/l #	50
37) Ethyl Acetate	4.562	43	784	0.247	ug/l #	38
38) Carbon Tetrachloride	5.556	117	16597	5.440	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	59220	26.218	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59220	75.849	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
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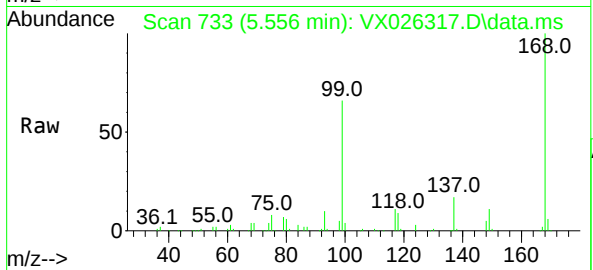
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



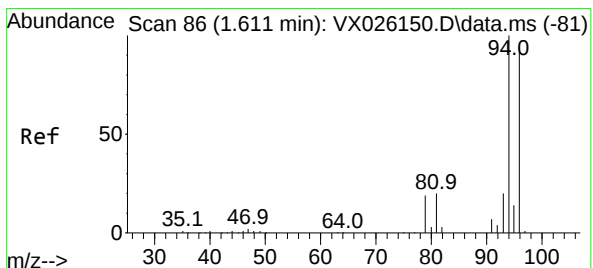
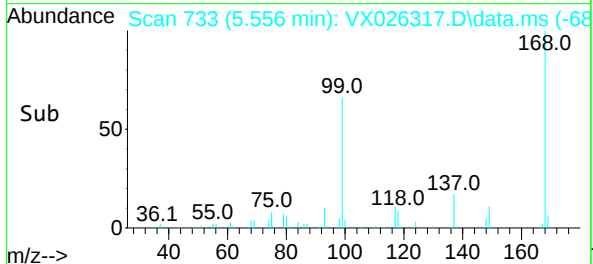
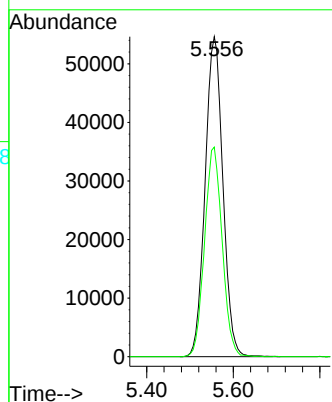


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Instrument :
MSVOA_X
ClientSampleId :

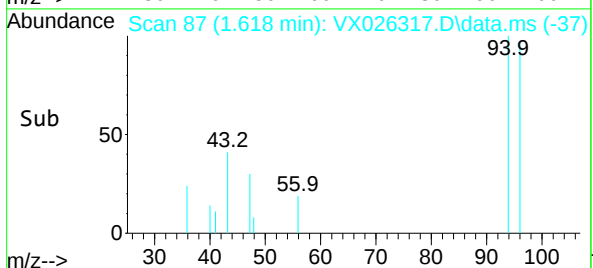
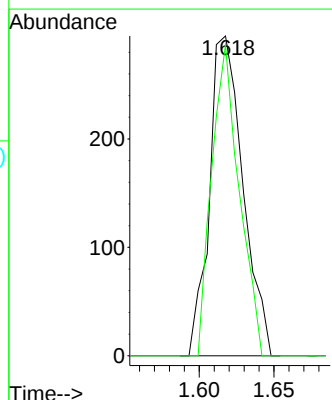
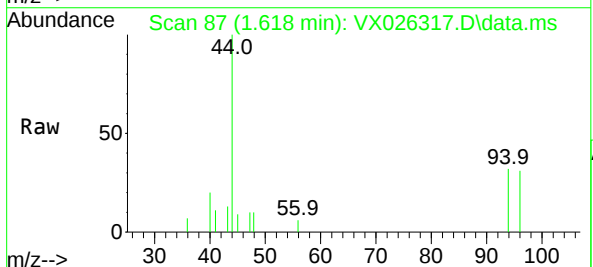


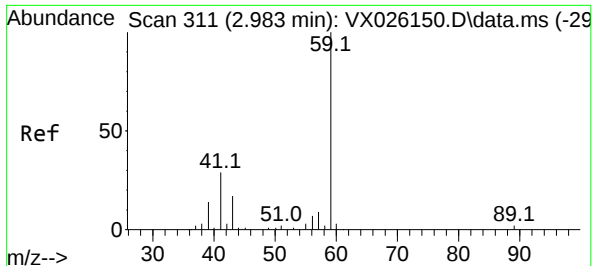
Tgt Ion:168 Resp: 155527
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.8



#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 97.3 75.0 112.4





#11

Tert butyl alcohol

Concen: 6.121 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

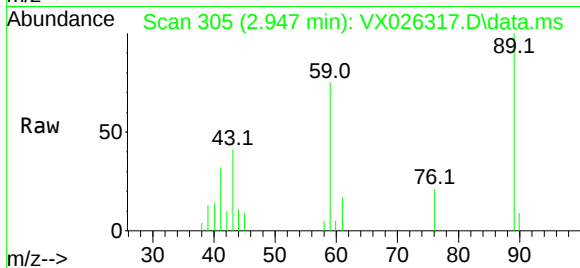
Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

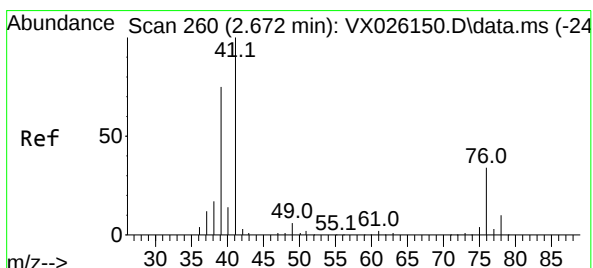
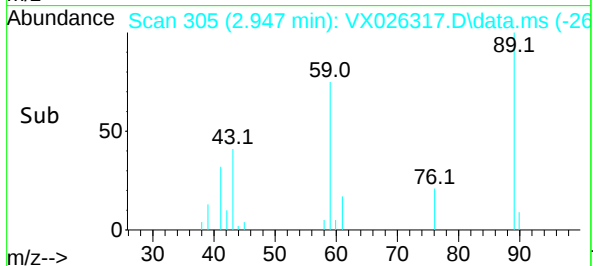
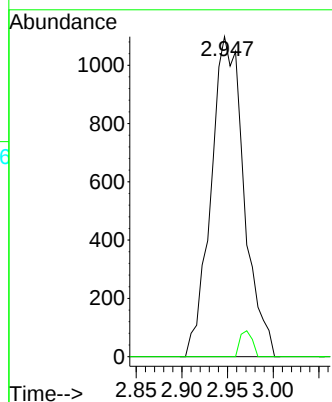


Tgt Ion: 59 Resp: 2751

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#14

Allyl chloride

Concen: 0.336 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.140 min

Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

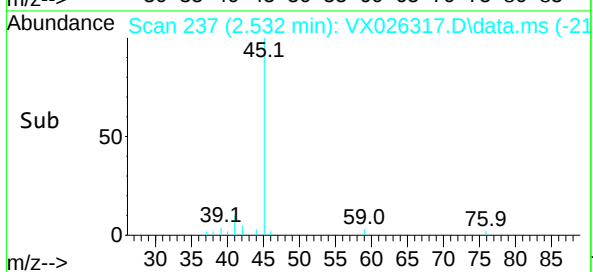
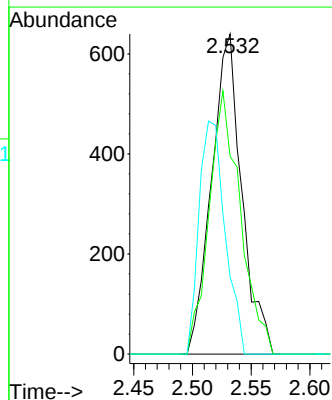
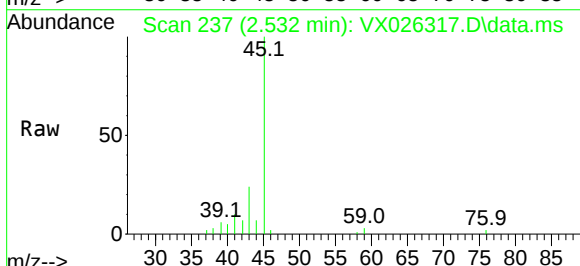
Tgt Ion: 41 Resp: 1143

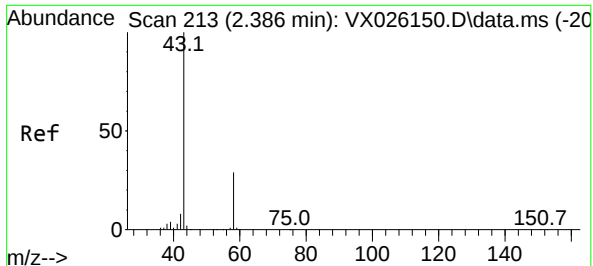
Ion Ratio Lower Upper

41 100

39 84.8 55.4 83.0#

76 62.7 27.6 41.4#

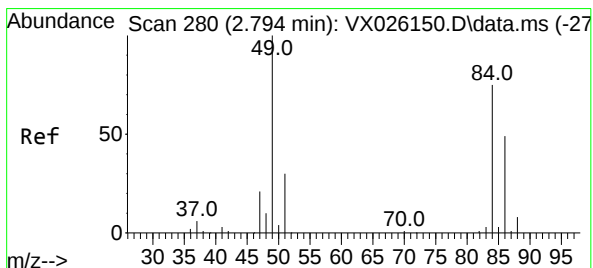
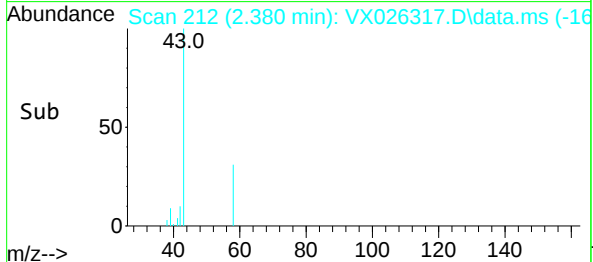
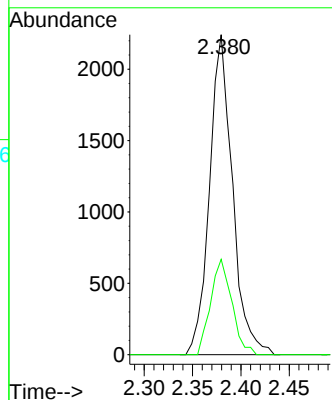
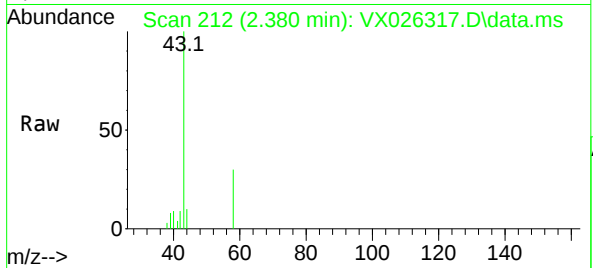




#16
Acetone
Concen: 3.030 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

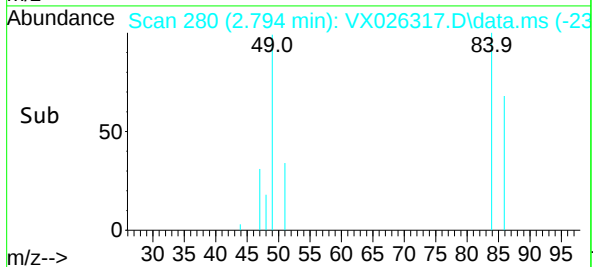
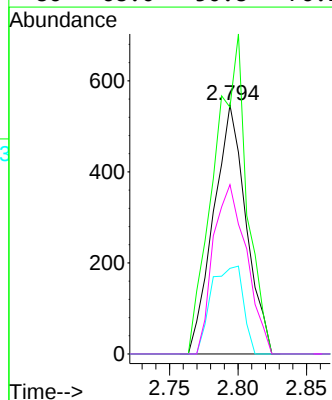
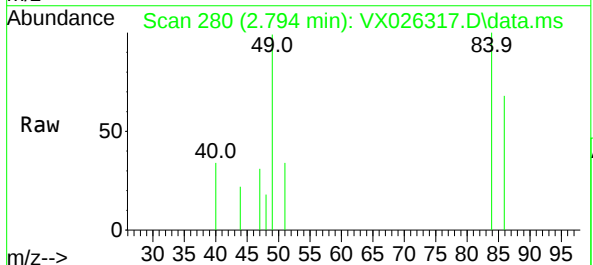
Instrument :
MSVOA_X
ClientSampleId :

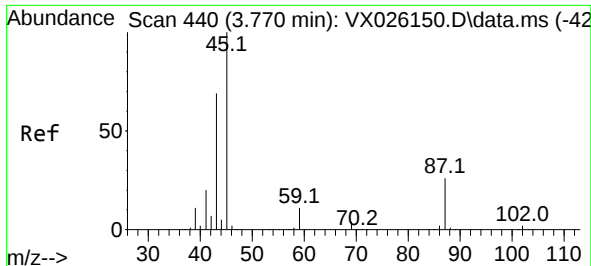
Tgt Ion: 43 Resp: 3694
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

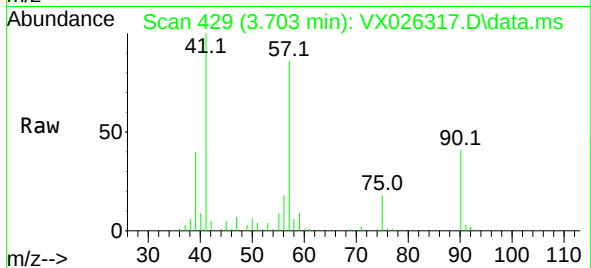
Tgt Ion: 84 Resp: 903
Ion Ratio Lower Upper
84 100
49 99.1 97.1 145.7
51 34.4 29.3 43.9
86 68.0 50.8 76.2



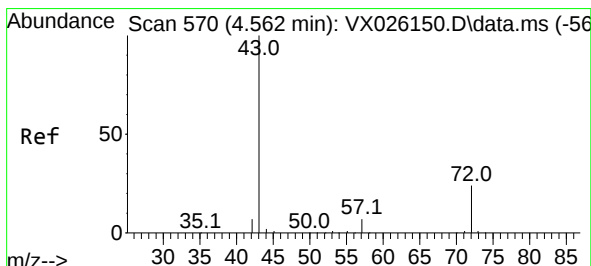
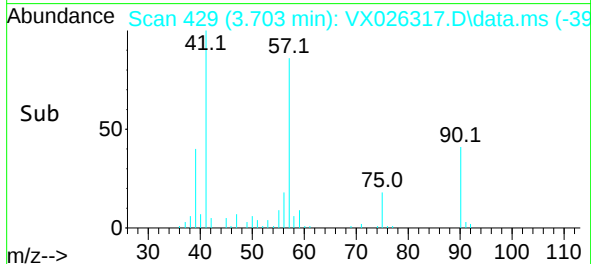
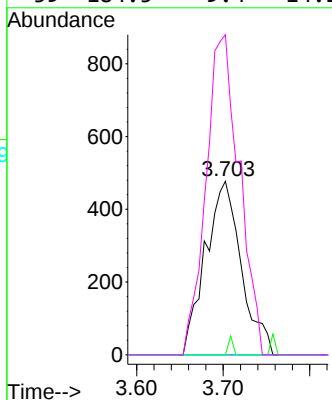


#22
Diisopropyl ether
Concen: 0.211 ug/l
RT: 3.703 min Scan# 41
Delta R.T. -0.067 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Instrument :
MSVOA_X
ClientSampleId :

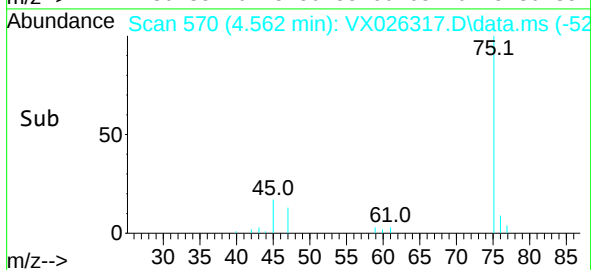
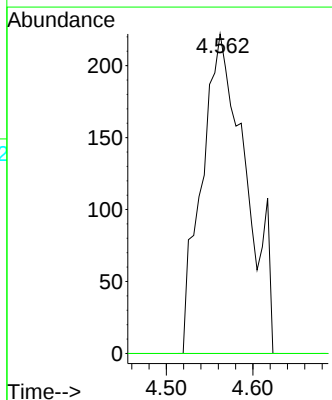
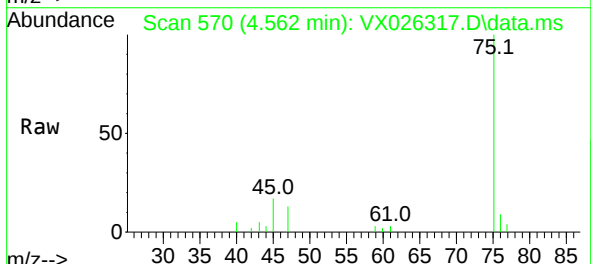


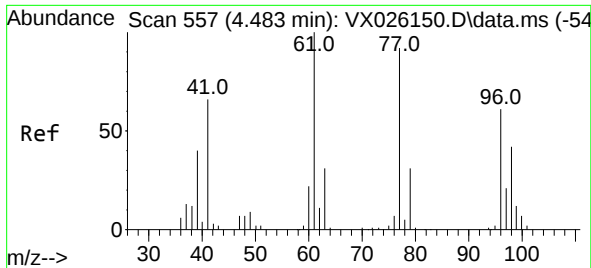
Tgt Ion:	45	Resp:	1373
Ion	Ratio	Lower	Upper
45	100		
43	0.0	63.8	95.6#
87	0.0	24.2	36.4#
59	184.5	9.4	14.2#



#25
2-Butanone
Concen: 0.462 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Tgt Ion:	43	Resp:	784
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

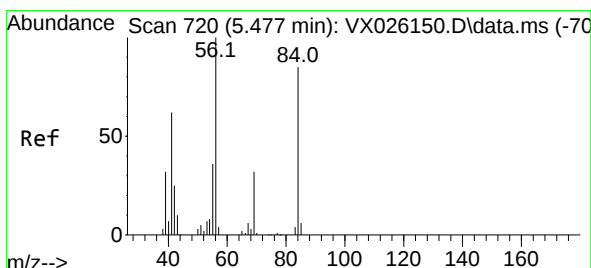
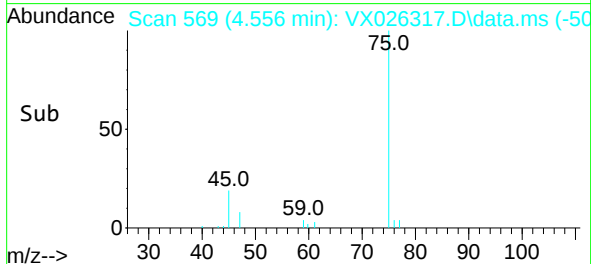
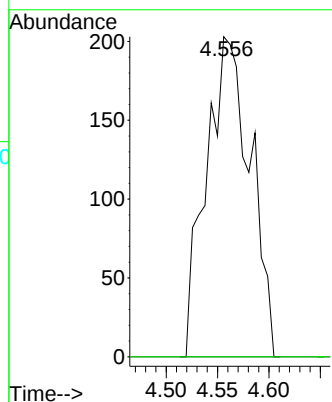
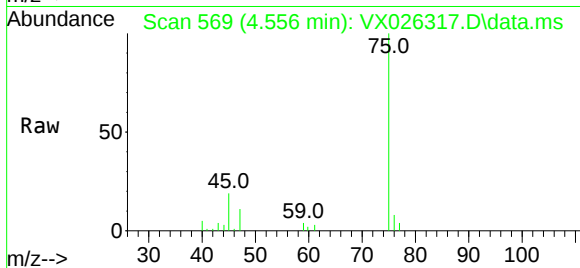




#26
2,2-Dichloropropane
Concen: 0.228 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.073 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

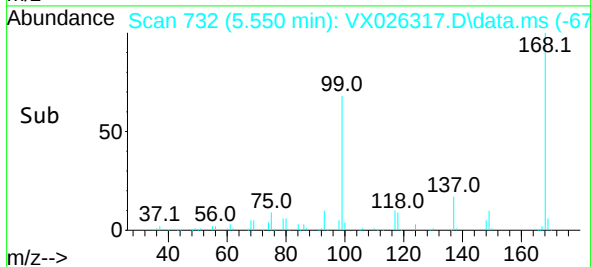
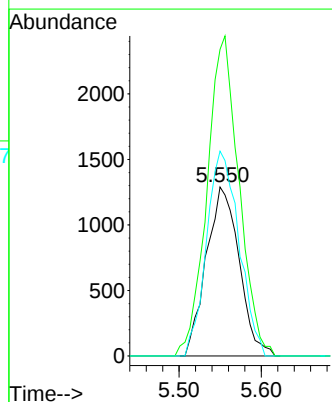
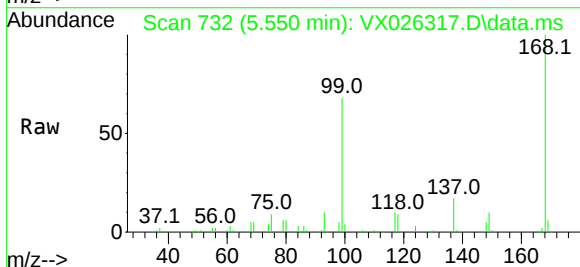
Instrument :
MSVOA_X
ClientSampleId :

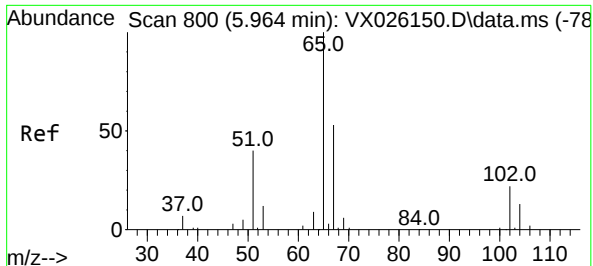
Tgt Ion: 77 Resp: 605
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

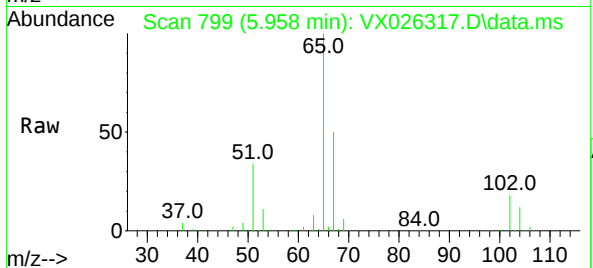
Tgt Ion: 56 Resp: 3584
Ion Ratio Lower Upper
56 100
69 181.3 23.9 35.9#
84 126.1 73.2 109.8#



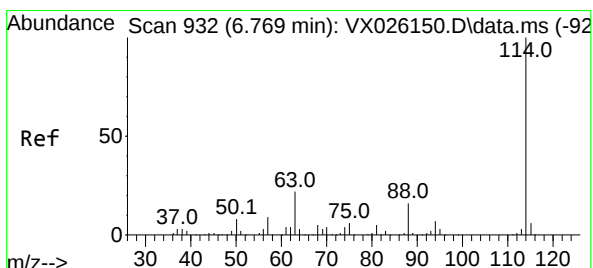
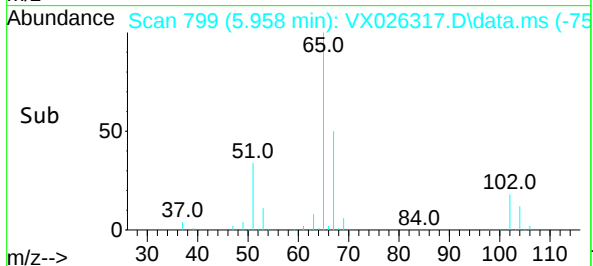
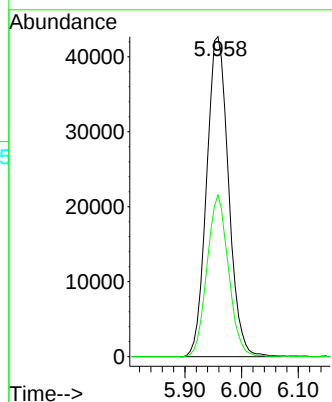


#33
 1,2-Dichloroethane-d4
 Concen: 51.025 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026317.D
 Acq: 05 Jan 2022 13:14

Instrument :
 MSVOA_X
 ClientSampleId :

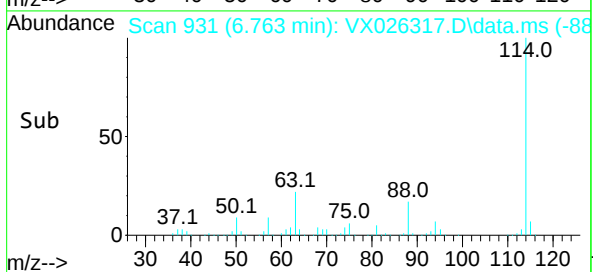
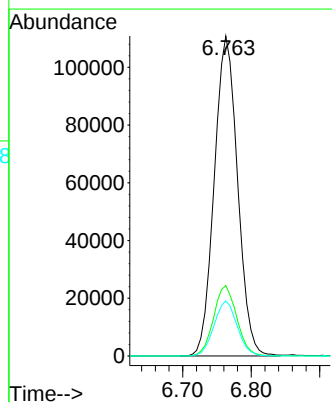
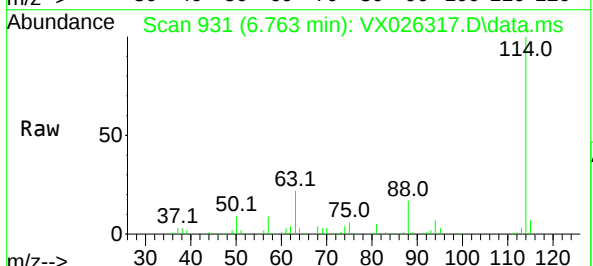


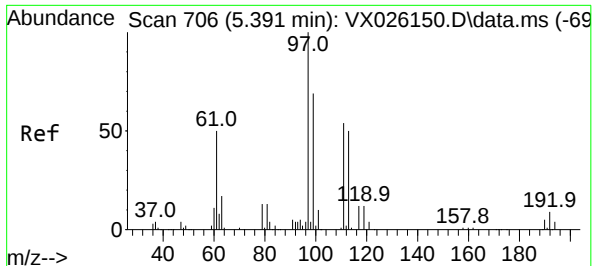
Tgt Ion: 65 Resp: 114808
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026317.D
 Acq: 05 Jan 2022 13:14

Tgt Ion: 114 Resp: 261576
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.0
 88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.961 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

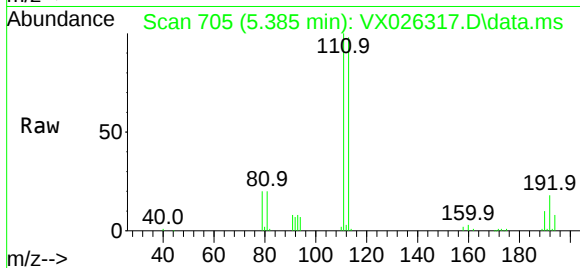
Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :



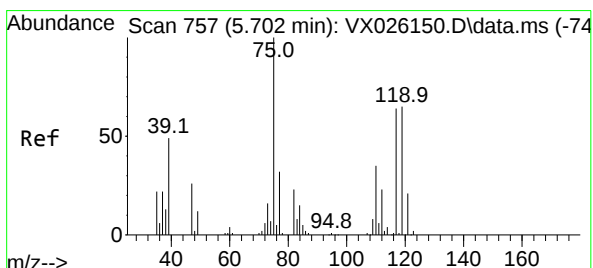
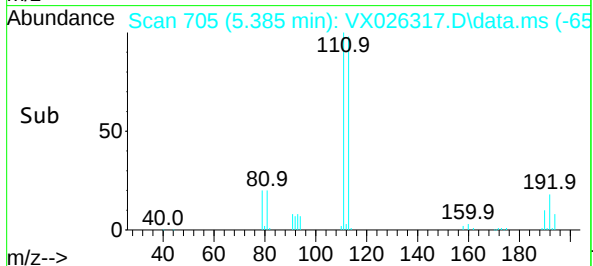
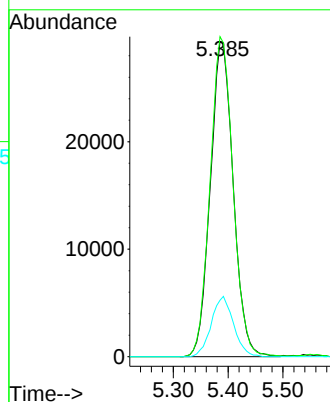
Tgt Ion:113 Resp: 84964

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.641 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

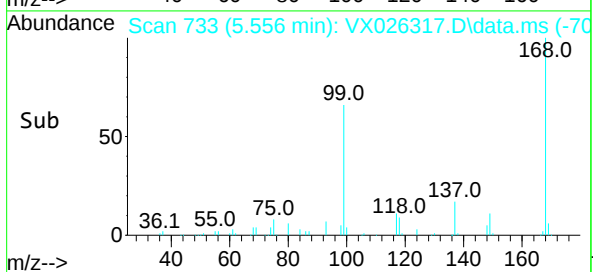
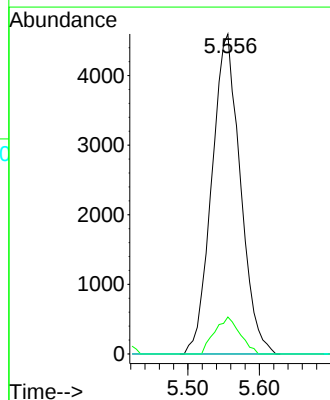
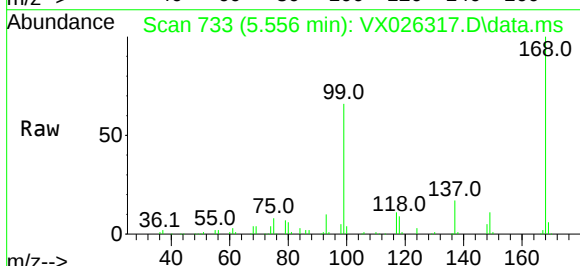
Tgt Ion: 75 Resp: 12729

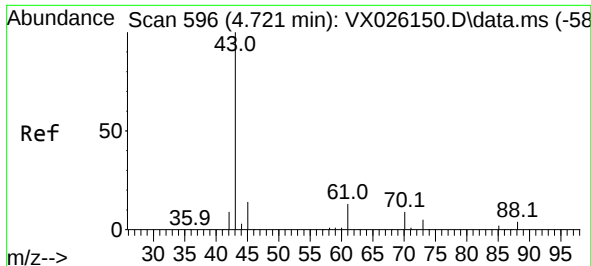
Ion Ratio Lower Upper

75 100

110 10.2 18.2 54.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.247 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.159 min

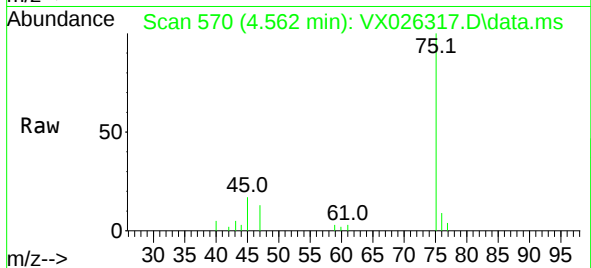
Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

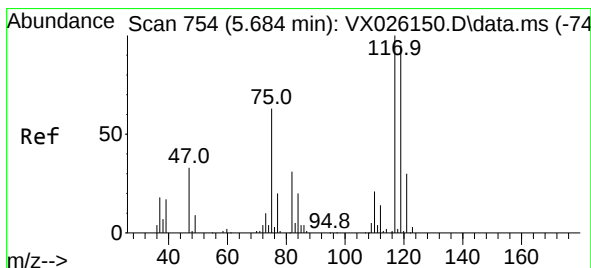
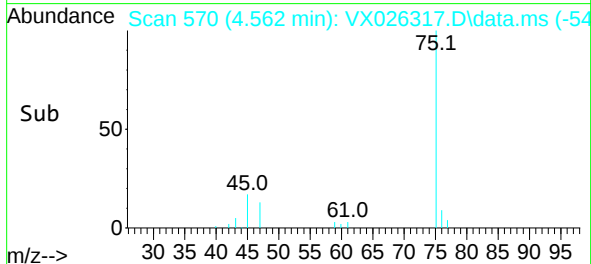
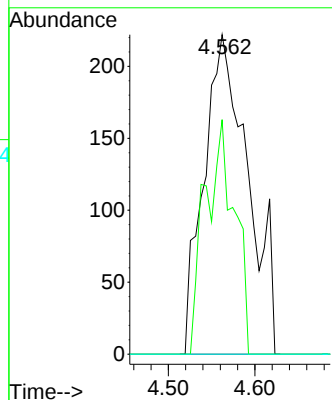
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 784
Ion Ratio	Lower Upper
43	100
61	49.2 10.7 16.1#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.440 ug/l

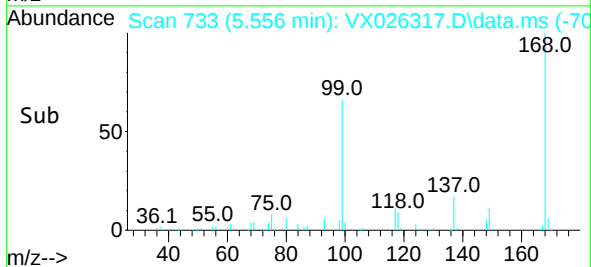
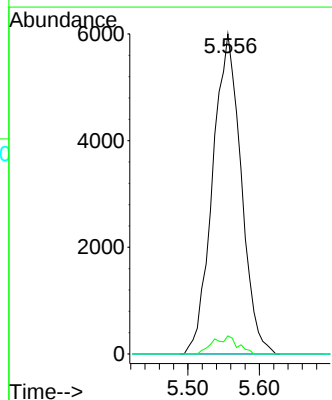
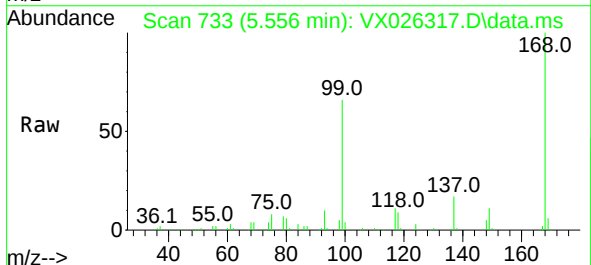
RT: 5.556 min Scan# 733

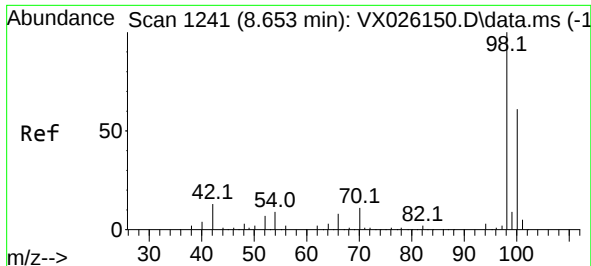
Delta R.T. -0.128 min

Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

Tgt Ion: 117	Resp: 16597
Ion Ratio	Lower Upper
117	100
119	5.7 77.2 115.8#
121	0.0 23.8 35.8#

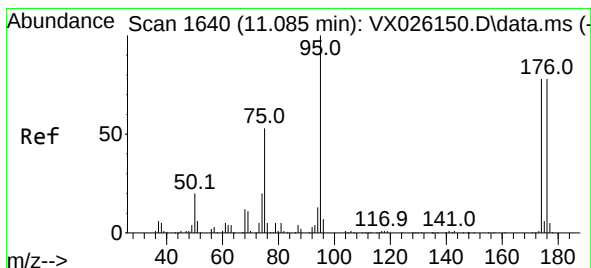
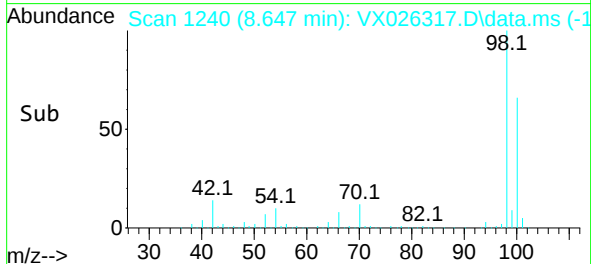
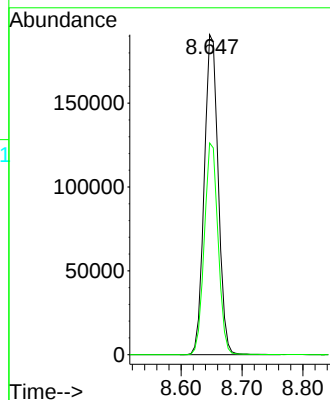
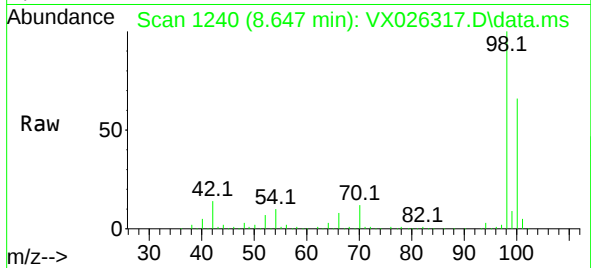




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

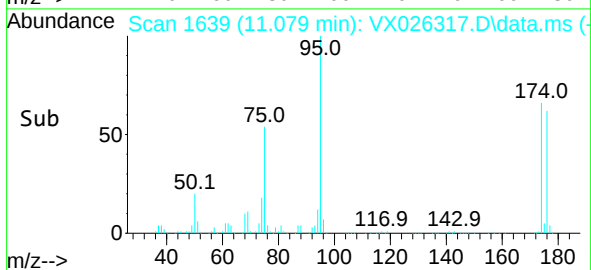
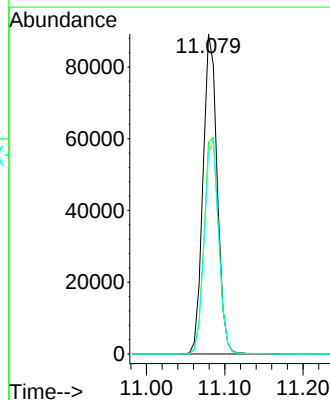
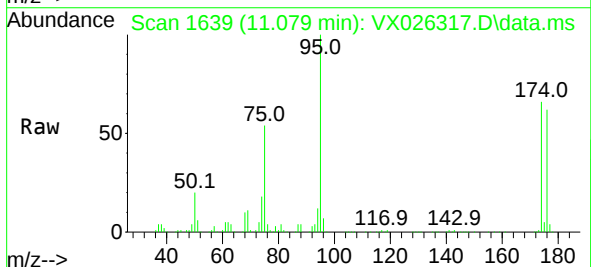
Instrument :
MSVOA_X
ClientSampleId :

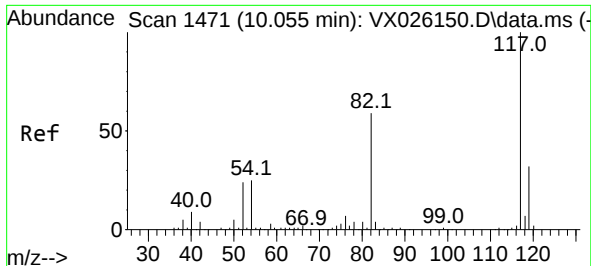
Tgt Ion: 98 Resp: 304119
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Tgt Ion: 95 Resp: 112016
Ion Ratio Lower Upper
95 100
174 70.2 0.0 157.4
176 67.5 0.0 154.6

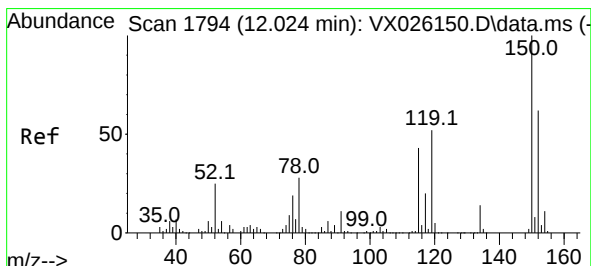
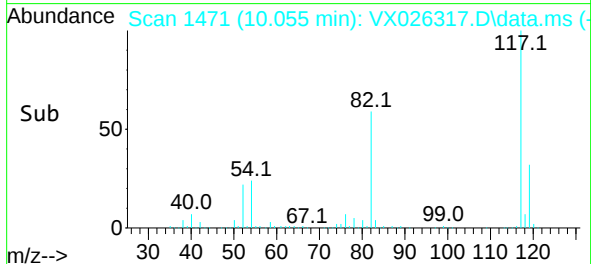
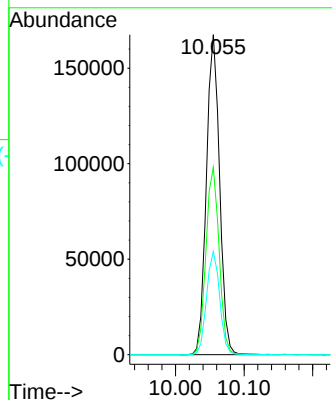
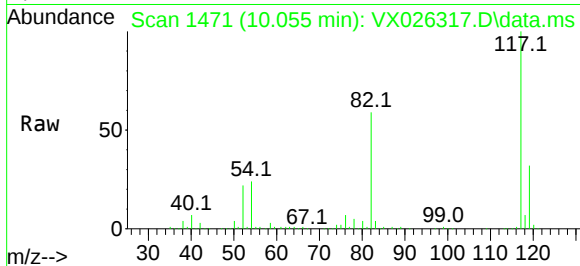




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

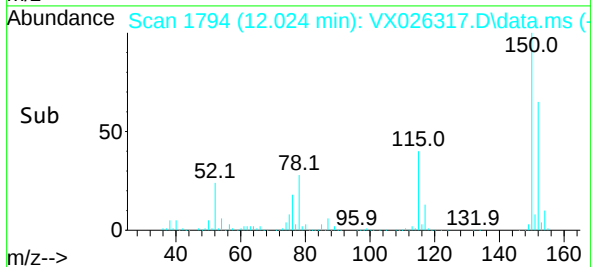
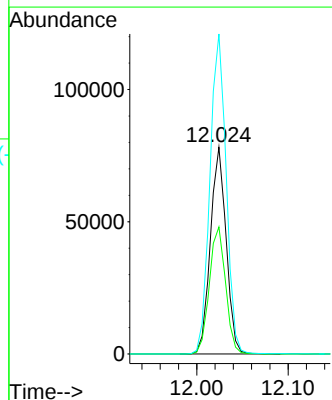
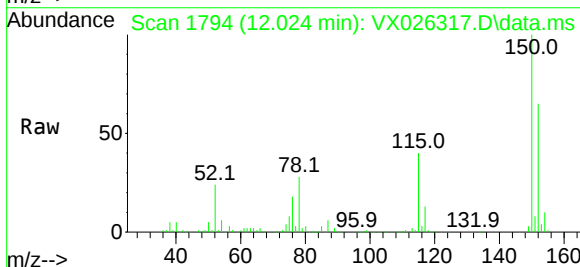
Instrument :
MSVOA_X
ClientSampleId :

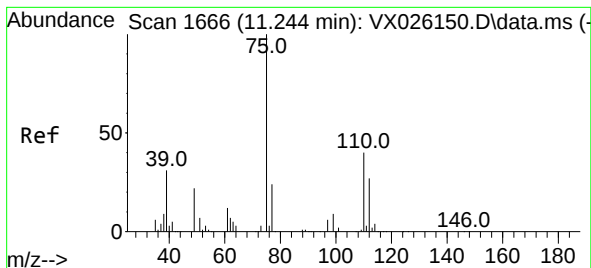
Tgt Ion:117 Resp: 224287
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026317.D
Acq: 05 Jan 2022 13:14

Tgt Ion:152 Resp: 93579
Ion Ratio Lower Upper
152 100
115 63.1 41.3 123.9
150 159.0 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 26.218 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

Instrument :

MSVOA_X

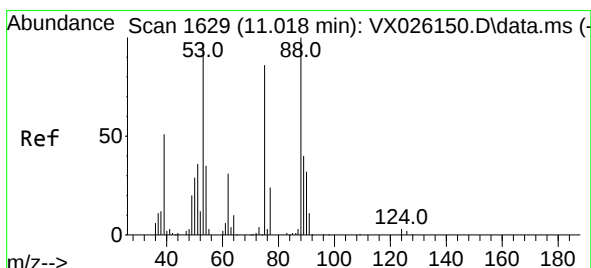
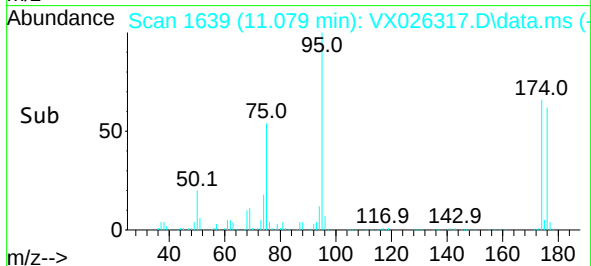
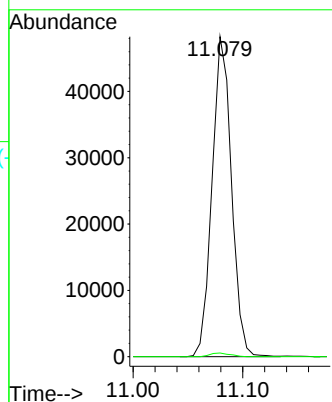
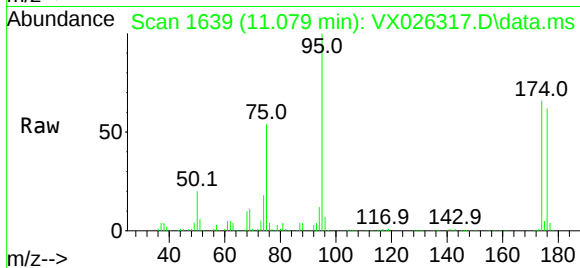
ClientSampleId :

Tgt Ion: 75 Resp: 59220

Ion Ratio Lower Upper

75 100

77 1.2 19.0 57.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.849 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026317.D

Acq: 05 Jan 2022 13:14

Tgt Ion: 75 Resp: 59220

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 38.3 57.5#

