

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026566.D
 Acq On : 25 Jan 2022 14:03
 Operator : JC/MD
 Sample : N1252-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:12:32 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)

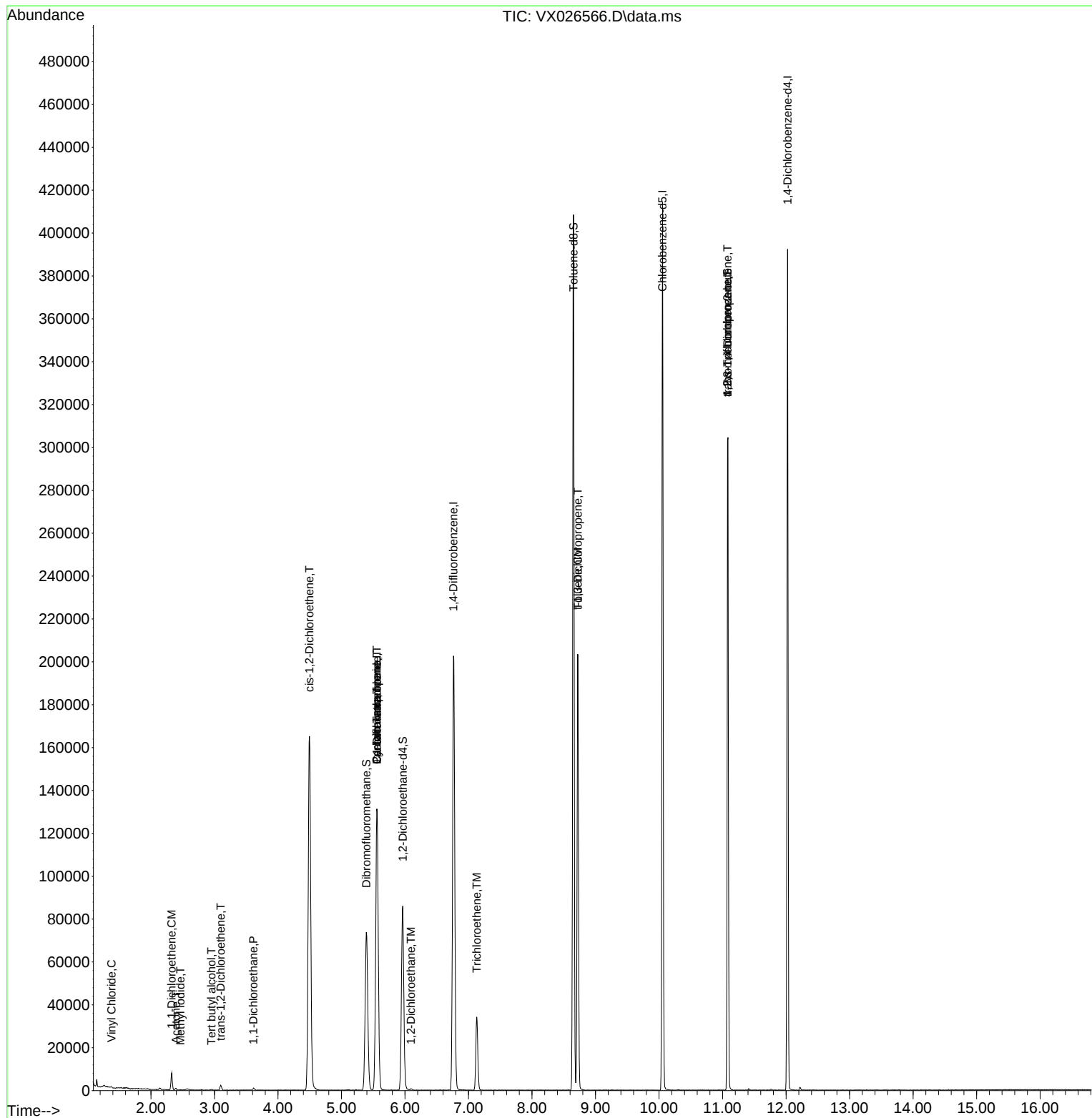
Internal Standards						
1) Pentafluorobenzene	5.556	168	122168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83318	48.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.391	113	65361	49.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	8.653	98	238204	49.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	85806	50.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.560%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	423	0.305	ug/l	95
10) Methyl Iodide	2.465	142	183	4.561	ug/l #	49
11) Tert butyl alcohol	2.953	59	64	0.270	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	2513	1.970	ug/l	96
16) Acetone	2.392	43	1009	1.159	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	983	0.712	ug/l	86
24) 1,1-Dichloroethane	3.611	63	1160	0.451	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	104903	66.546	ug/l	90
31) Cyclohexane	5.556	56	2570	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9605	4.564	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12811	5.918	ug/l #	17
42) 1,2-Dichloroethane	6.092	62	771	0.339	ug/l #	75
44) Trichloroethene	7.129	130	13184	7.987	ug/l	97
52) Toluene	8.720	92	75513	21.168	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	907	2.274	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42968	25.251	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	42968	76.703	ug/l #	3

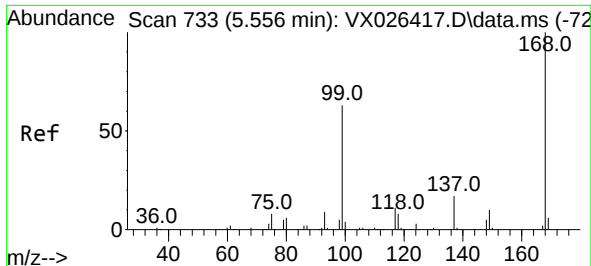
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

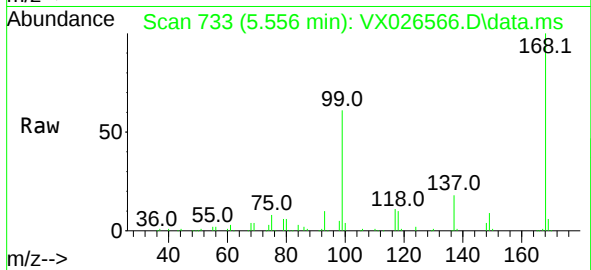
Quant Time: Jan 26 06:12:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



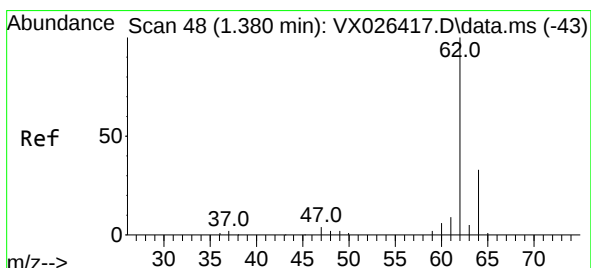
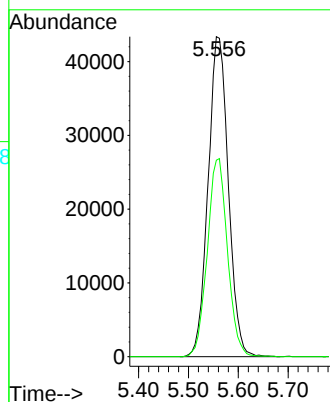
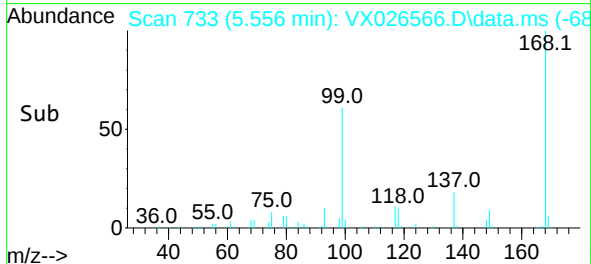


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

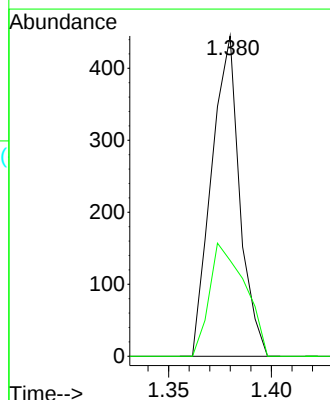
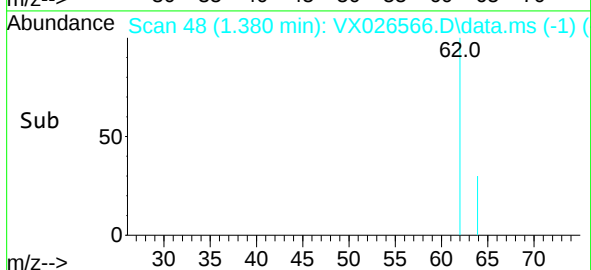
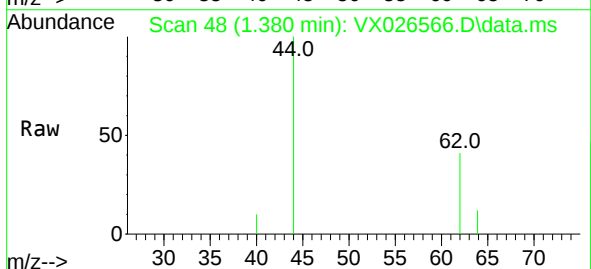


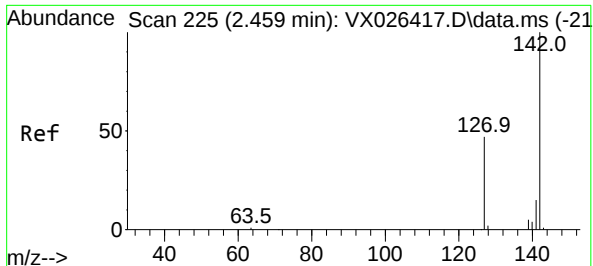
Tgt Ion:168 Resp: 122168
Ion Ratio Lower Upper
168 100
99 61.4 50.3 75.5



#4
Vinyl Chloride
Concen: 0.305 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

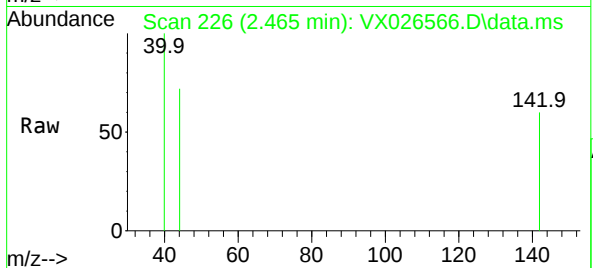
Tgt Ion: 62 Resp: 423
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2



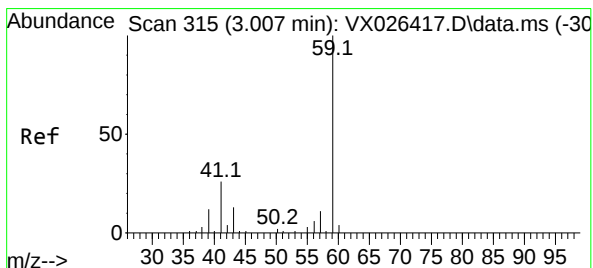
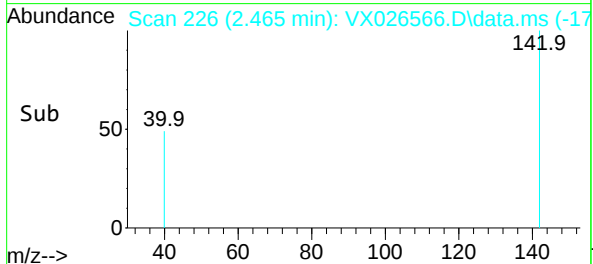
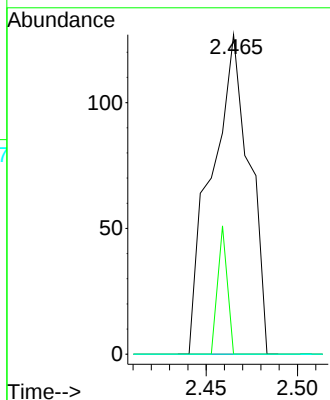


#10
Methyl Iodide
Concen: 4.561 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

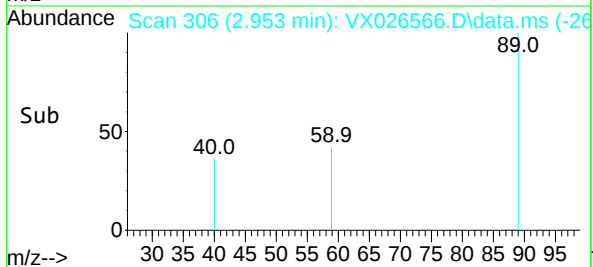
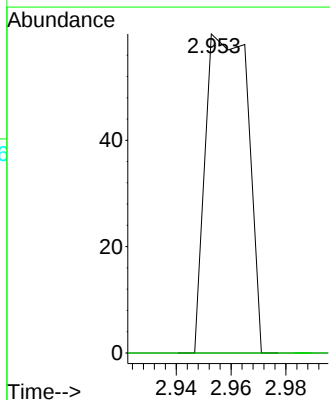
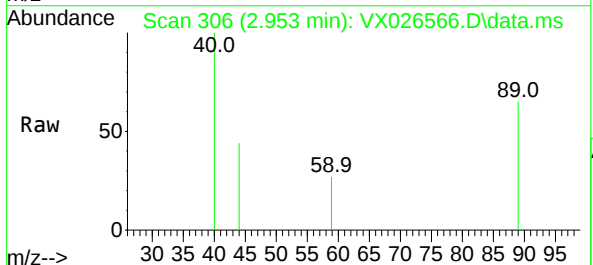


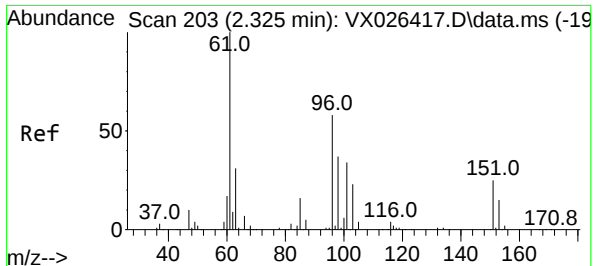
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 10.4 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.270 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#12

1,1-Dichloroethene

Concen: 1.970 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

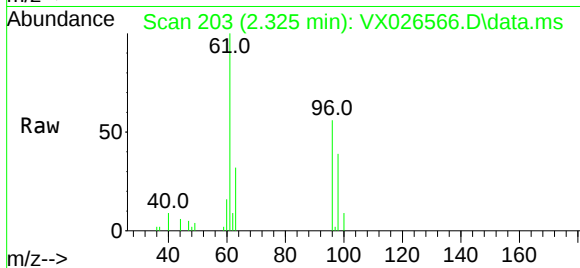
Lab File: VX026566.D

Acq: 25 Jan 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :



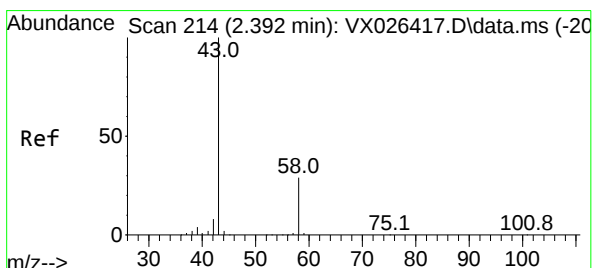
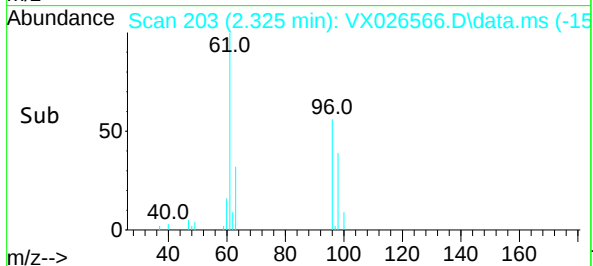
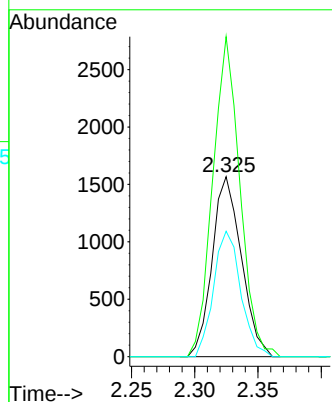
Tgt Ion: 96 Resp: 2513

Ion Ratio Lower Upper

96 100

61 177.9 138.5 207.7

98 69.7 51.8 77.6



#16

Acetone

Concen: 1.159 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX026566.D

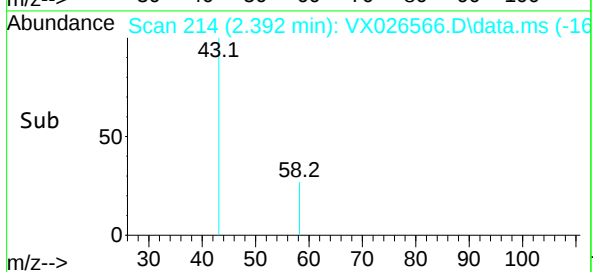
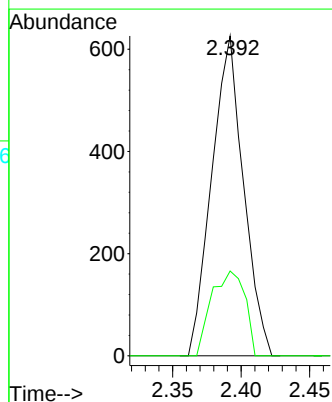
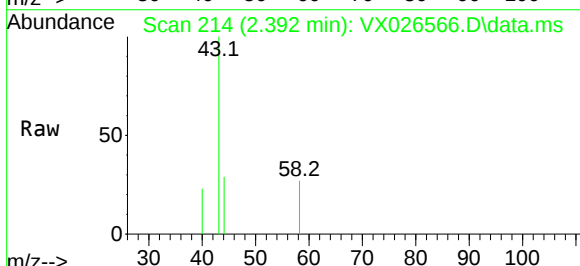
Acq: 25 Jan 2022 14:03

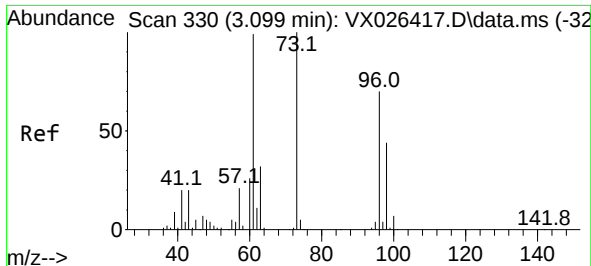
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 26.5 23.0 34.6

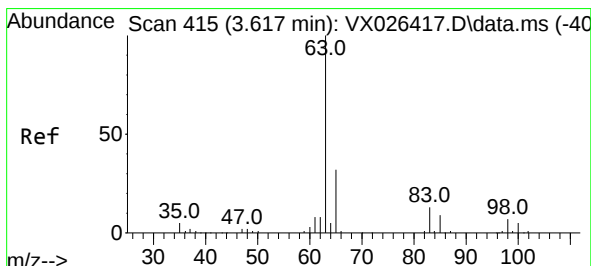
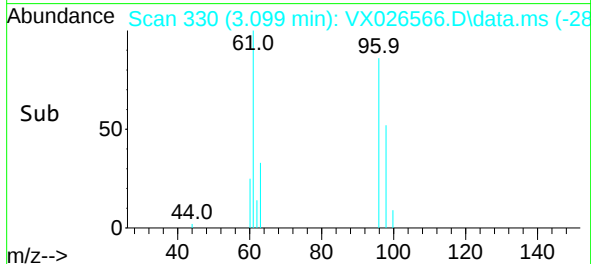
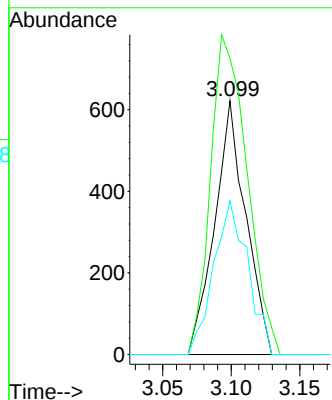
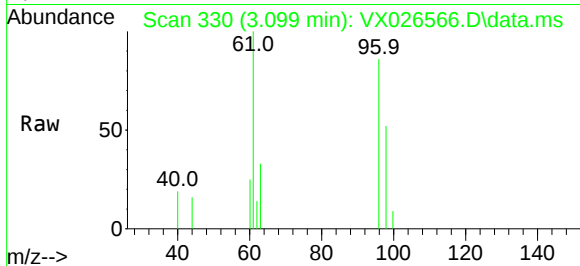




#21
 trans-1,2-Dichloroethene
 Concen: 0.712 ug/l
 RT: 3.099 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

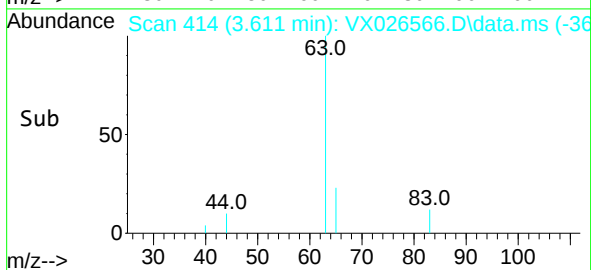
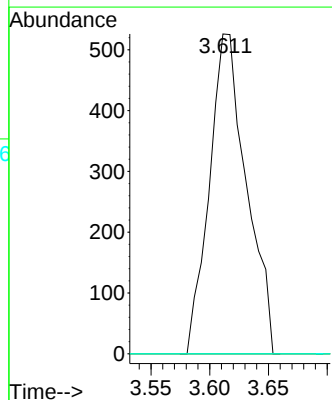
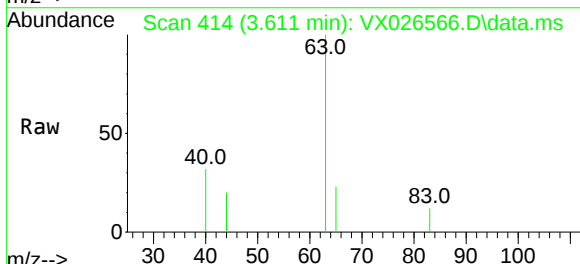
Instrument :
 MSVOA_X
 ClientSampleId :

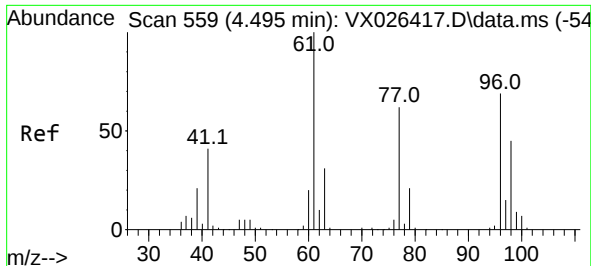
Tgt Ion: 96 Resp: 983
 Ion Ratio Lower Upper
 96 100
 61 116.7 112.9 169.3
 98 60.5 49.5 74.3



#24
 1,1-Dichloroethane
 Concen: 0.451 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

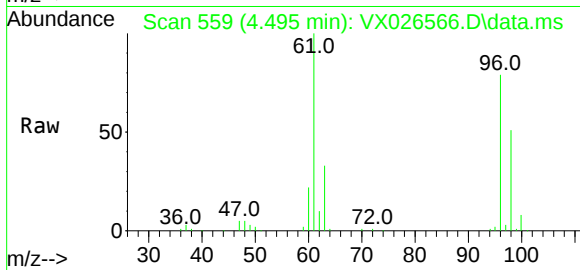
Tgt Ion: 63 Resp: 1160
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.0 2.4 7.2#





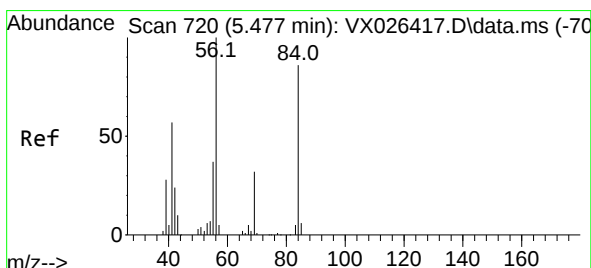
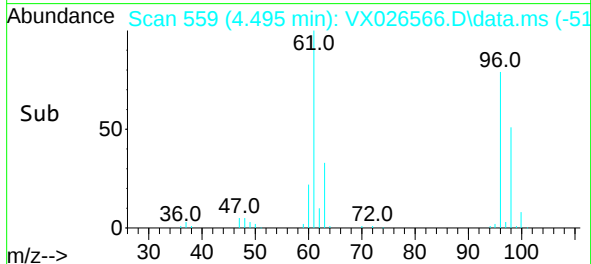
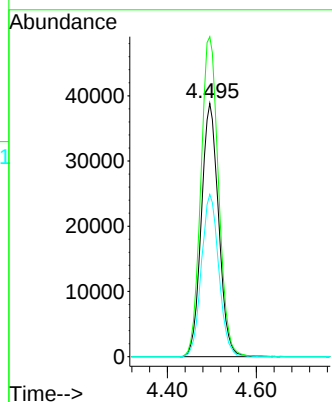
#27
 cis-1,2-Dichloroethene
 Concen: 66.546 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 96 Resp: 104903

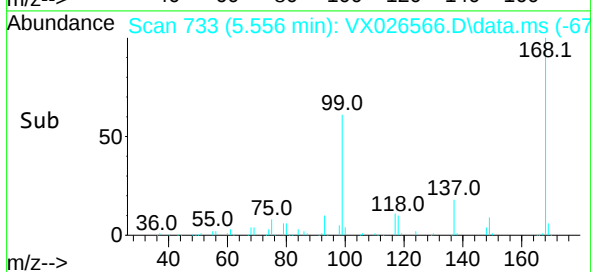
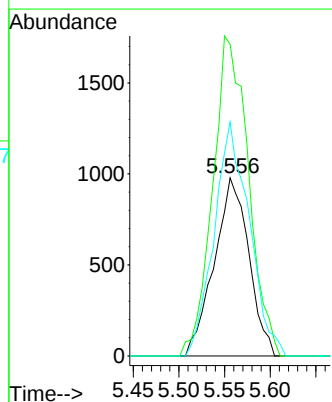
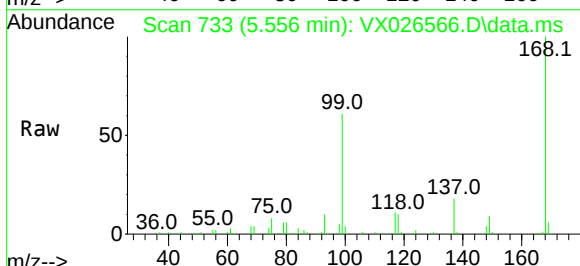
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	296.6
98	64.7	0.0	128.8

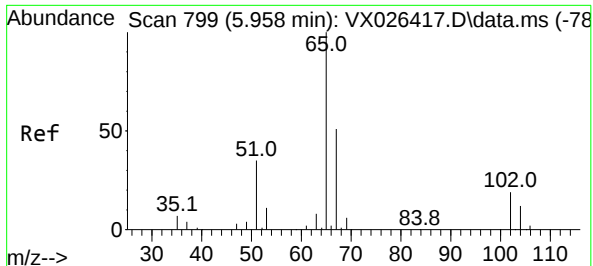


#31
 Cyclohexane
 Concen: 1.021 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

Tgt Ion: 56 Resp: 2570

Ion	Ratio	Lower	Upper
56	100		
69	175.1	25.8	38.6#
84	131.4	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.821 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026566.D

Acq: 25 Jan 2022 14:03

Instrument :

MSVOA_X

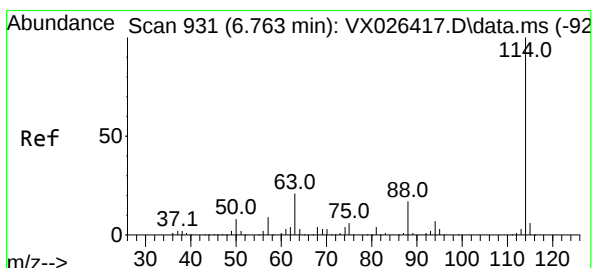
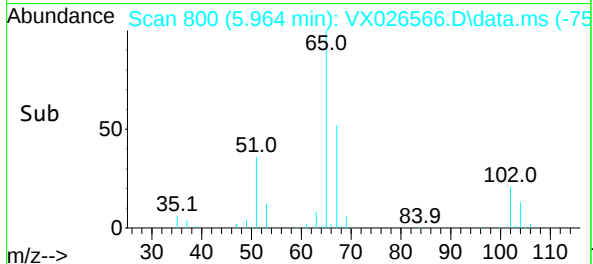
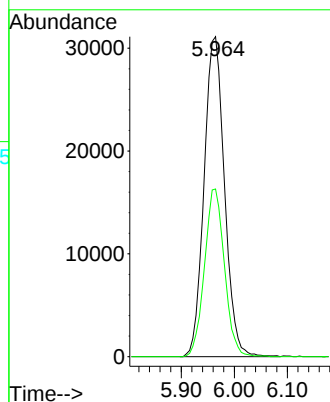
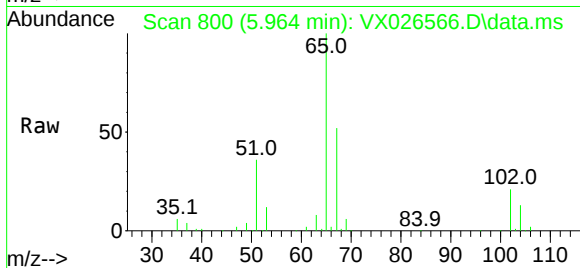
ClientSampleId :

Tgt Ion: 65 Resp: 83318

Ion Ratio Lower Upper

65 100

67 51.3 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: VX026566.D

Acq: 25 Jan 2022 14:03

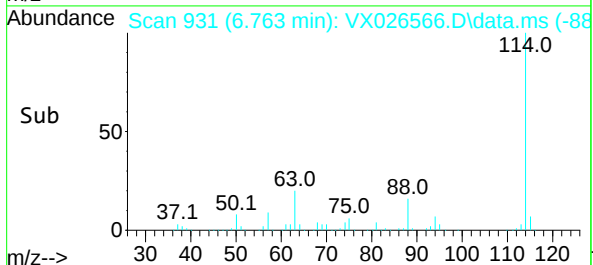
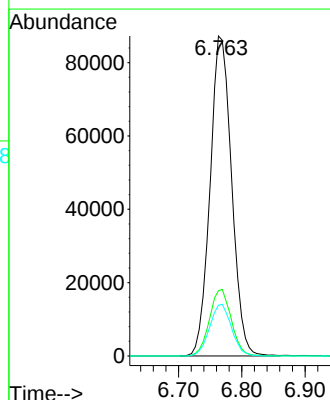
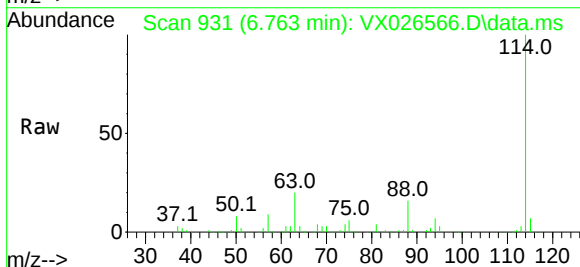
Tgt Ion: 114 Resp: 206450

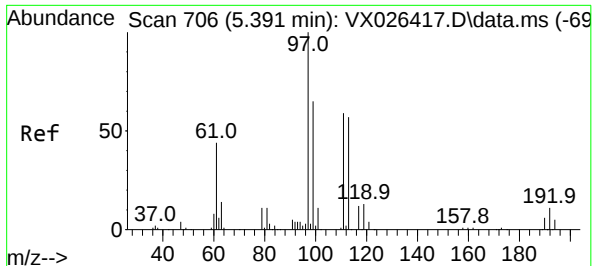
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.026 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

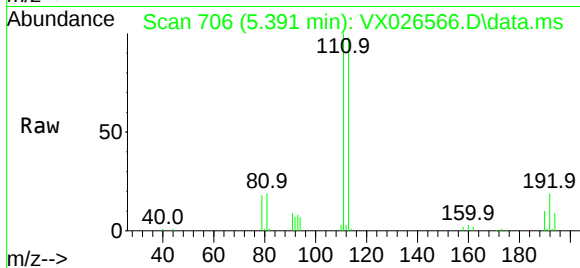
Lab File: VX026566.D

Acq: 25 Jan 2022 14:03

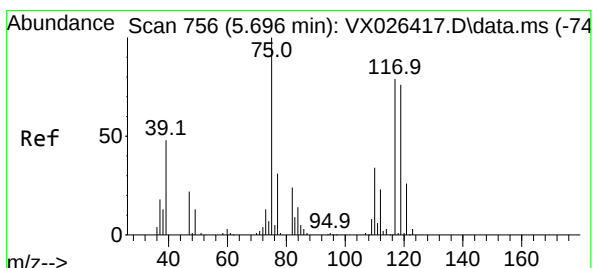
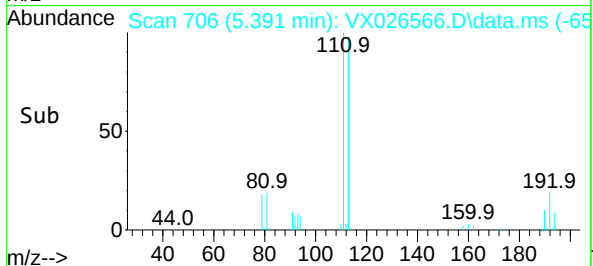
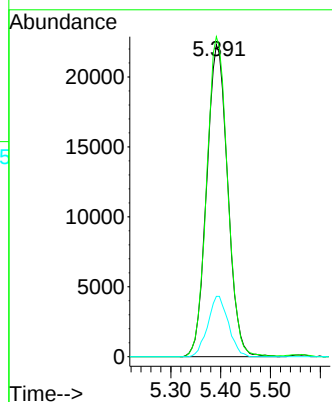
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	65361
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.9	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.564 ug/l

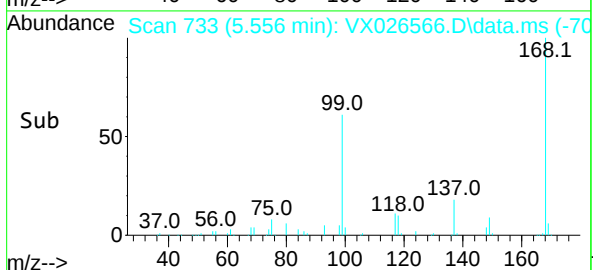
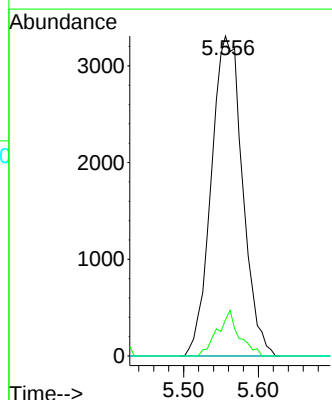
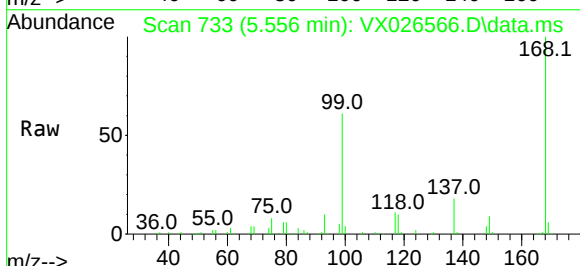
RT: 5.556 min Scan# 733

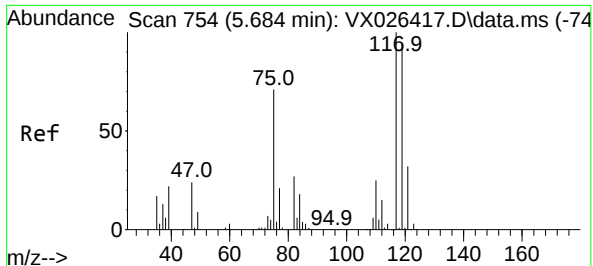
Delta R.T. -0.140 min

Lab File: VX026566.D

Acq: 25 Jan 2022 14:03

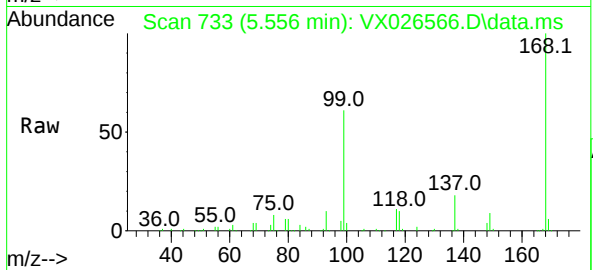
Tgt Ion:	75	Resp:	9605
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.2	51.6#
77	0.0	24.6	36.8#



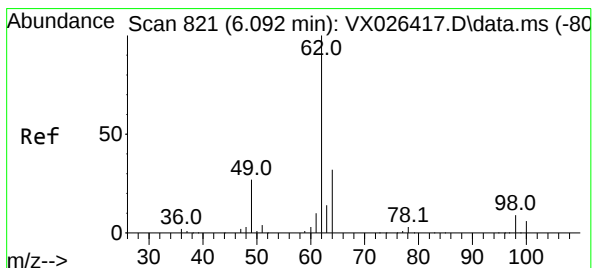
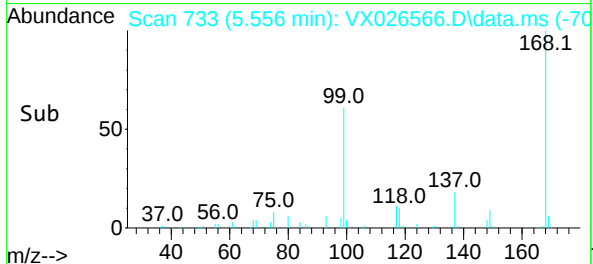
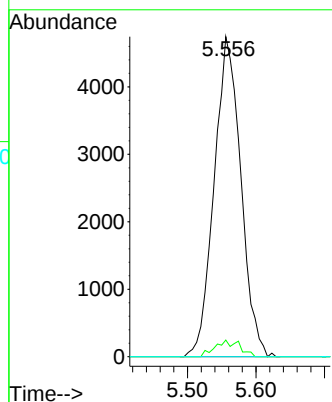


#38
Carbon Tetrachloride
Concen: 5.918 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :

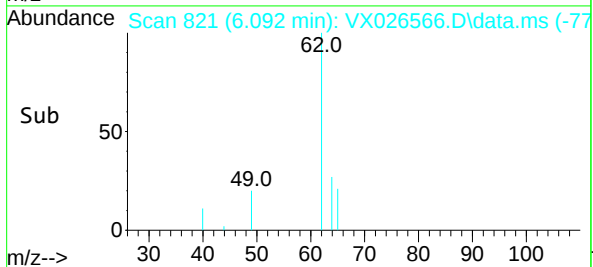
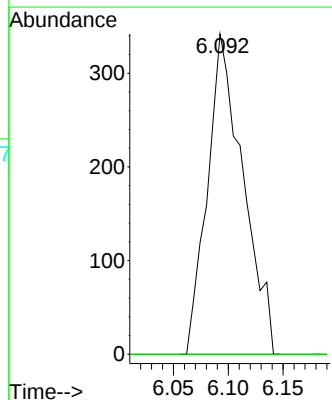
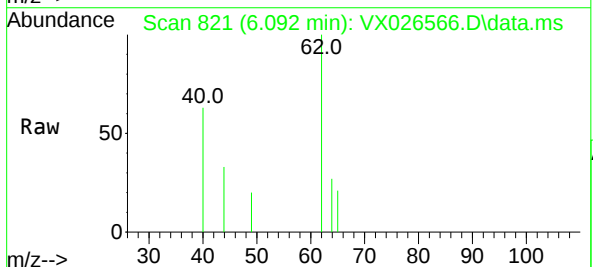


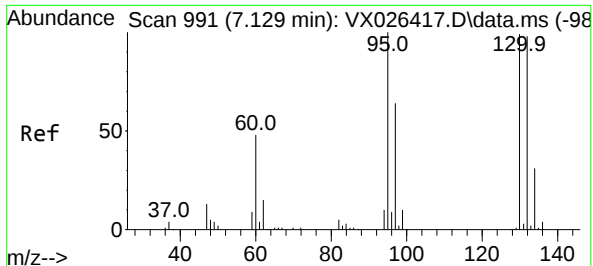
Tgt Ion:117 Resp: 12811
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 0.339 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Tgt Ion: 62 Resp: 771
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8

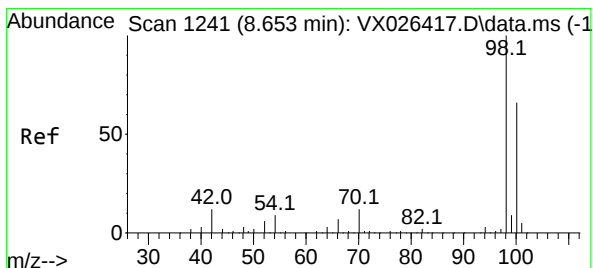
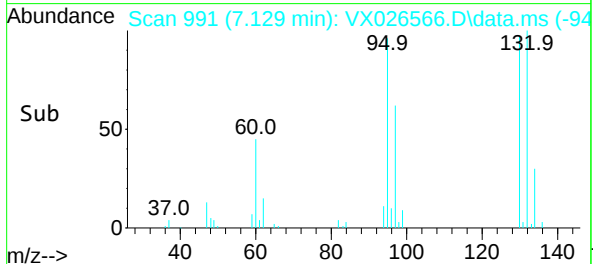
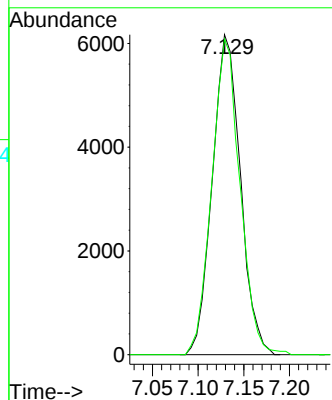
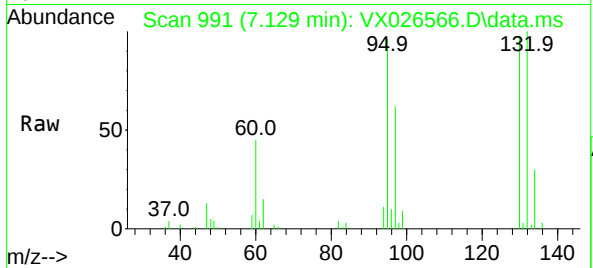




#44
Trichloroethene
Concen: 7.987 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

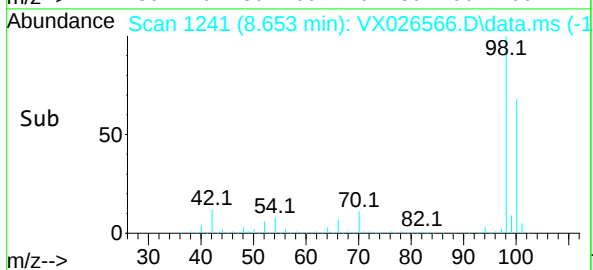
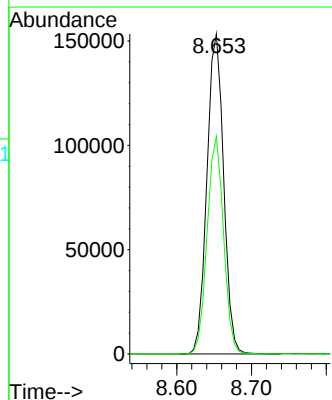
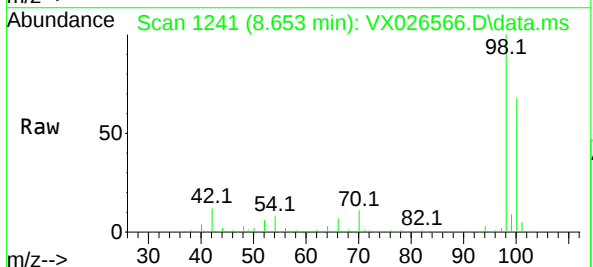
Instrument :
MSVOA_X
ClientSampleId :

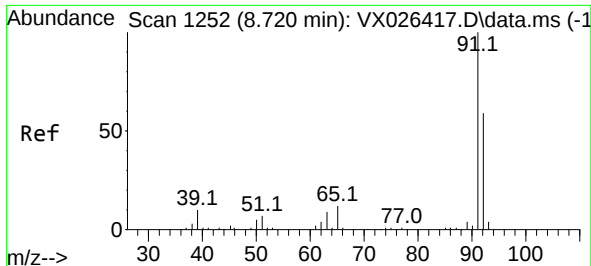
Tgt Ion:130 Resp: 13184
Ion Ratio Lower Upper
130 100
95 98.7 0.0 202.6



#50
Toluene-d8
Concen: 49.582 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Tgt Ion: 98 Resp: 238204
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8

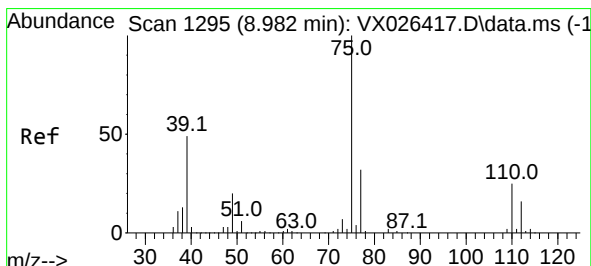
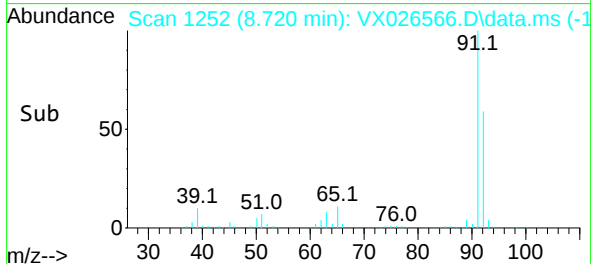
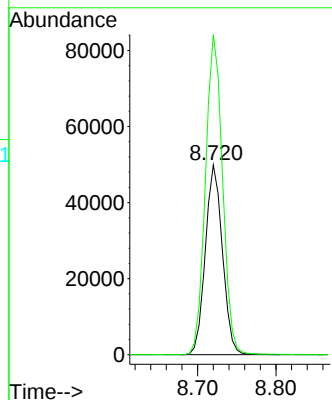
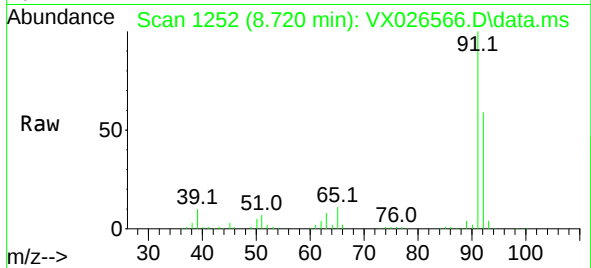




#52
Toluene
Concen: 21.168 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

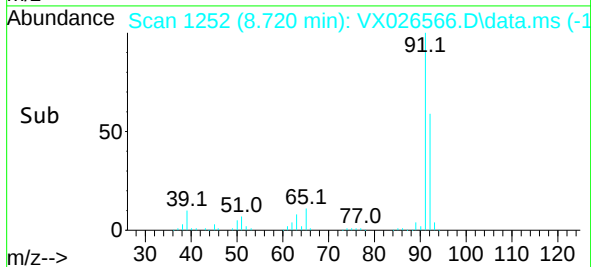
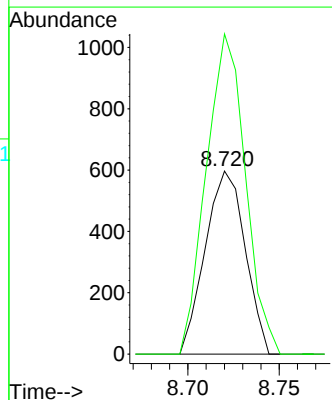
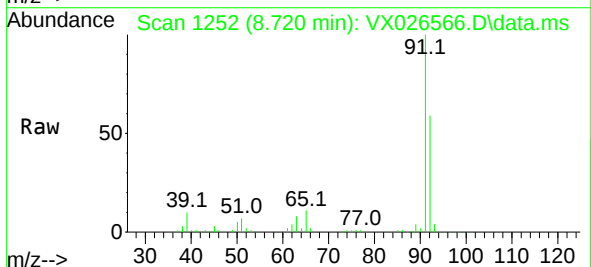
Instrument :
MSVOA_X
ClientSampleId :

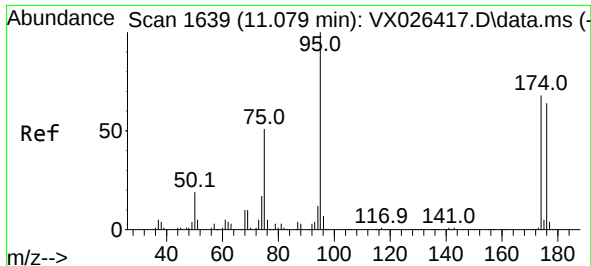
Tgt Ion: 92 Resp: 75513
Ion Ratio Lower Upper
92 100
91 168.9 135.7 203.5



#53
t-1,3-Dichloropropene
Concen: 2.274 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.262 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

Tgt Ion: 75 Resp: 907
Ion Ratio Lower Upper
75 100
77 174.9 25.7 38.5#

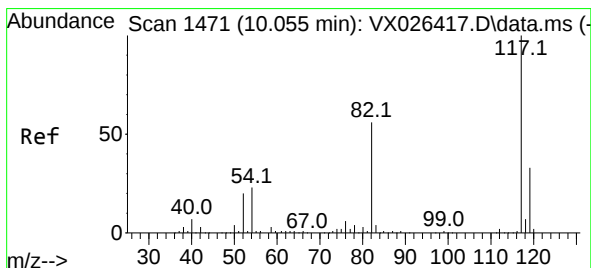
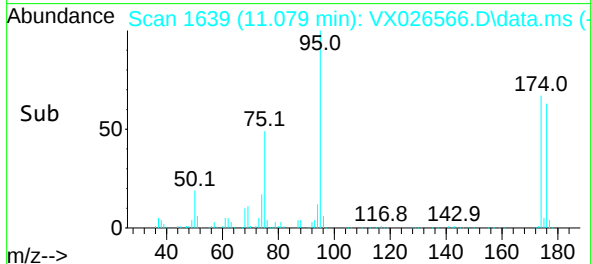
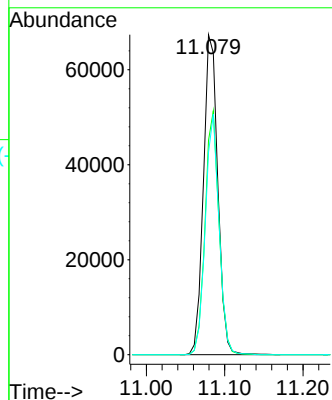
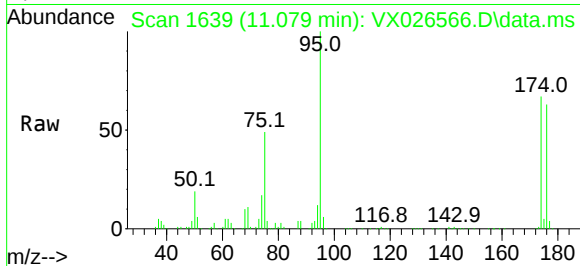




#62
4-Bromofluorobenzene
Concen: 50.278 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

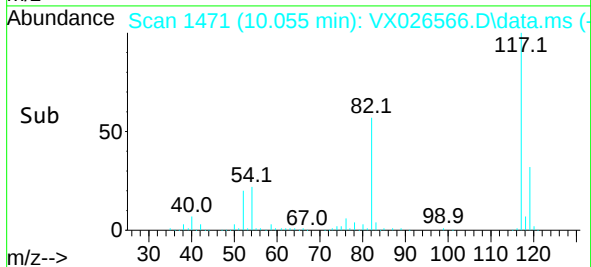
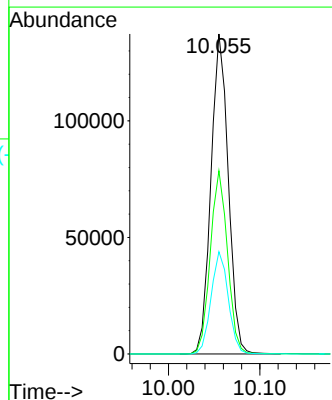
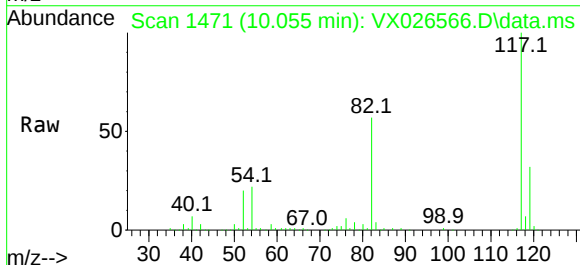
Instrument :
MSVOA_X
ClientSampleId :

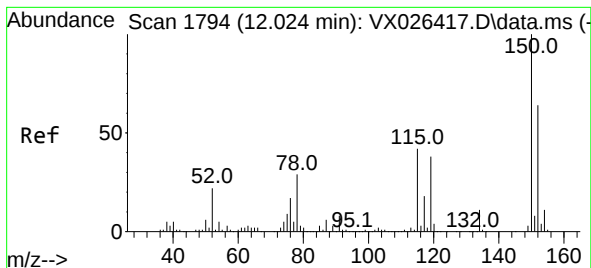
Tgt Ion: 95 Resp: 85806
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.6
176 71.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026566.D
Acq: 25 Jan 2022 14:03

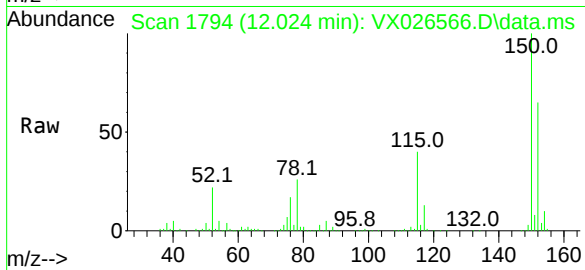
Tgt Ion: 117 Resp: 180342
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 31.9 26.2 39.2



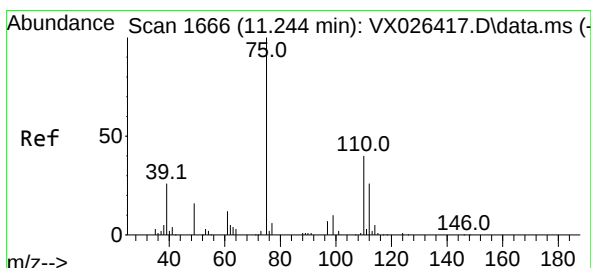
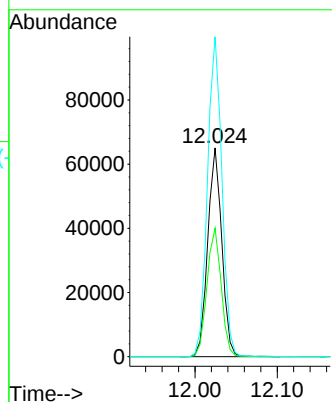
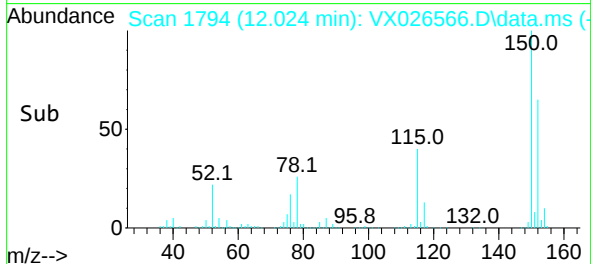


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

Instrument :
 MSVOA_X
 ClientSampleId :

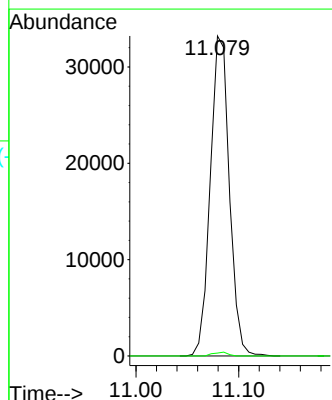
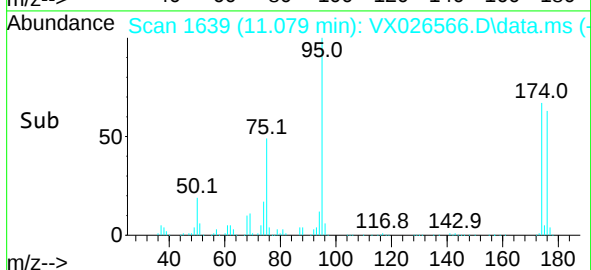
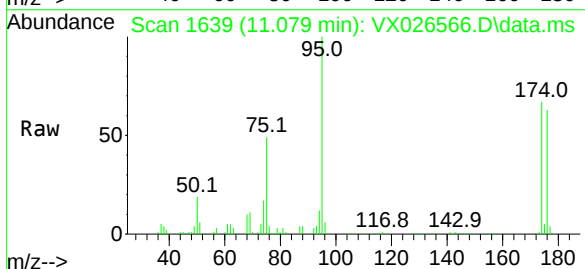


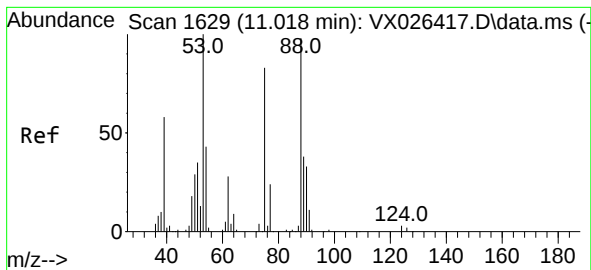
Tgt Ion:152 Resp: 77285
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 157.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.251 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

Tgt Ion: 75 Resp: 42968
 Ion Ratio Lower Upper
 75 100
 77 0.9 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.703 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026566.D
 Acq: 25 Jan 2022 14:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 42968
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

