

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026175.D
 Acq On : 30 Dec 2021 17:56
 Operator : JC/MD
 Sample : M5207-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1-122121

Quant Time: Dec 31 07:10:40 2021
 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)

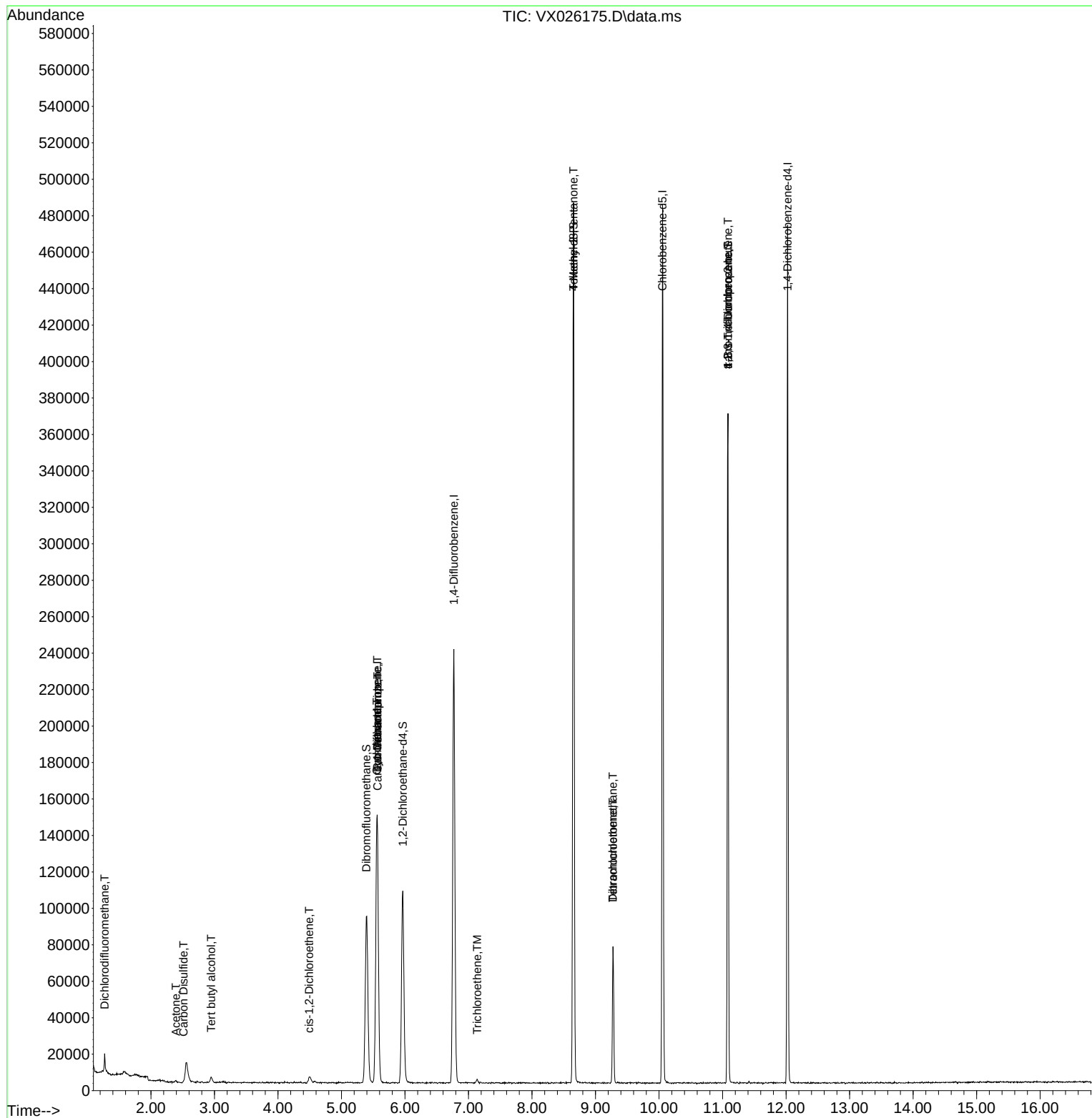
Internal Standards						
1) Pentafluorobenzene	5.562	168	132333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99613	52.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.060%	
35) Dibromofluoromethane	5.391	113	76524	52.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	8.653	98	268810	49.116	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	11.085	95	91069	46.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	627	0.451	ug/l	80
11) Tert butyl alcohol	2.946	59	1757	4.595	ug/l #	73
16) Acetone	2.391	43	1067	1.029	ug/l	97
17) Carbon Disulfide	2.513	76	1277	0.304	ug/l	99
20) Methylene Chloride	2.788	84	97	Below Cal	#	70
27) cis-1,2-Dichloroethene	4.489	96	2205	1.212	ug/l	96
31) Cyclohexane	5.556	56	3486	1.279	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	11596	4.886	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14208	5.382	ug/l #	15
44) Trichloroethene	7.135	130	823	0.452	ug/l	67
51) 4-Methyl-2-Pentanone	8.653	43	1554	0.557	ug/l #	1
60) Dibromochloromethane	9.274	129	12545	6.462	ug/l #	11
64) Tetrachloroethene	9.274	164	13173	7.812	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	51586	25.032	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51586	72.417	ug/l #	10

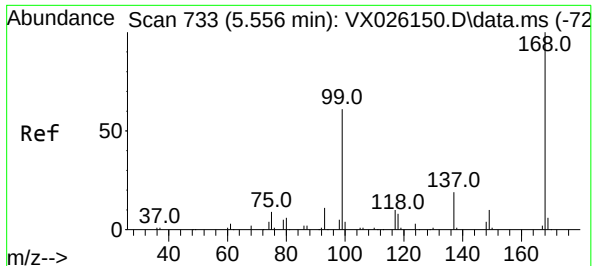
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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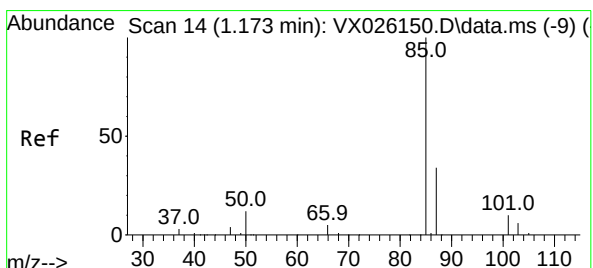
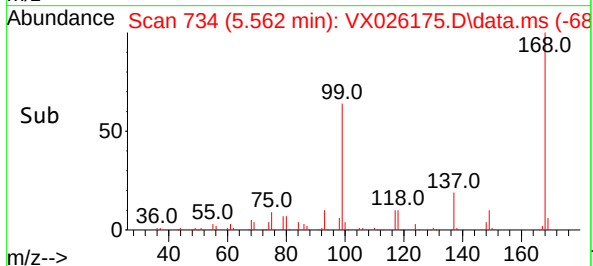
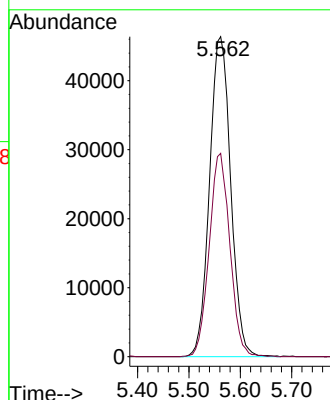
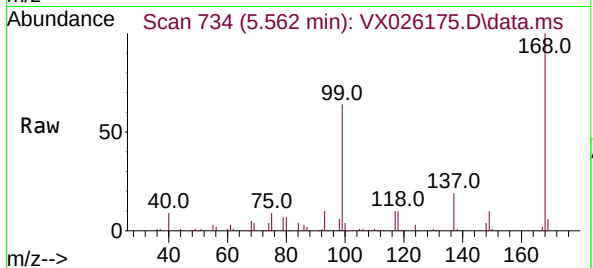




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

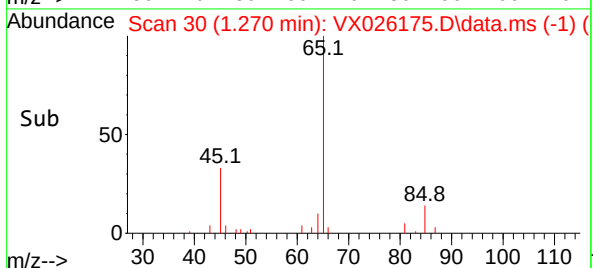
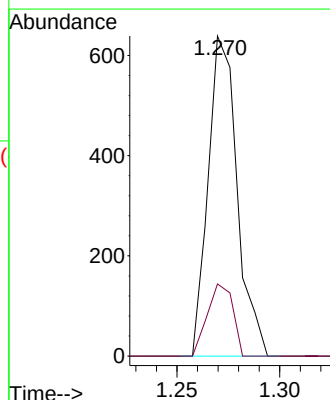
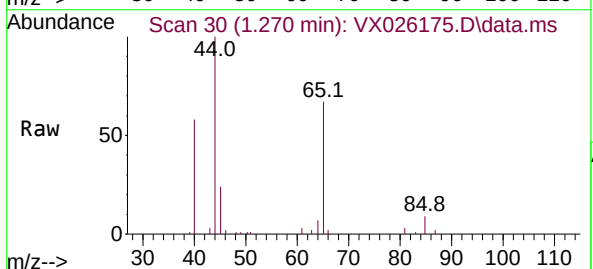
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

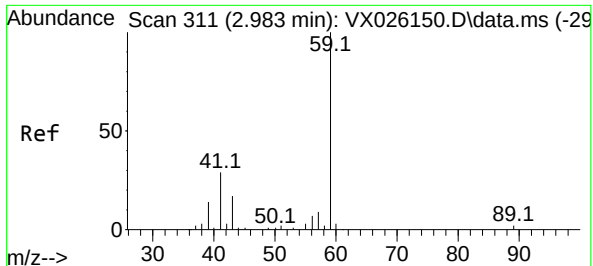
Tgt Ion:168 Resp: 132333
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.8



#2
Dichlorodifluoromethane
Concen: 0.451 ug/l
RT: 1.270 min Scan# 30
Delta R.T. 0.097 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion: 85 Resp: 627
Ion Ratio Lower Upper
85 100
87 22.5 17.0 50.9





#11

Tert butyl alcohol

Concen: 4.595 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX026175.D

Acq: 30 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

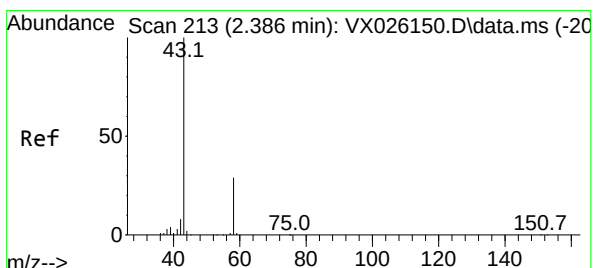
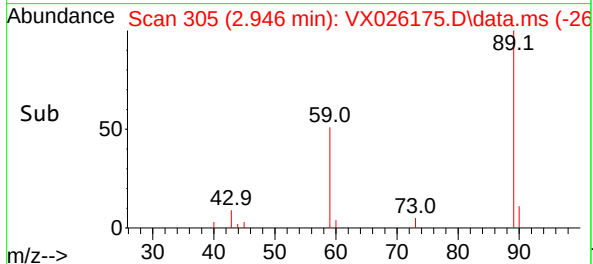
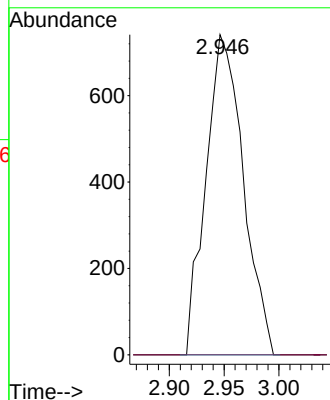
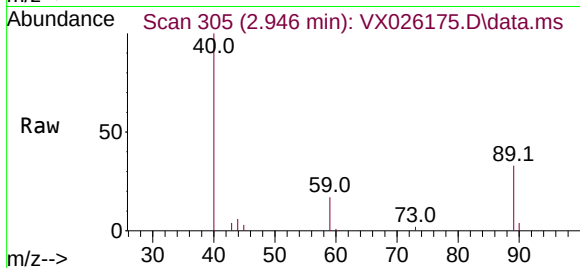
DUP-1-122121

Tgt Ion: 59 Resp: 1757

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 1.029 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.005 min

Lab File: VX026175.D

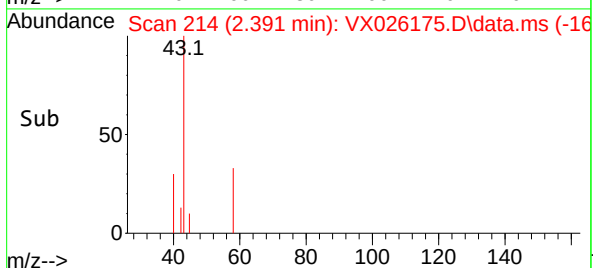
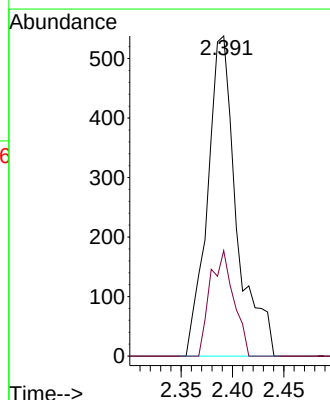
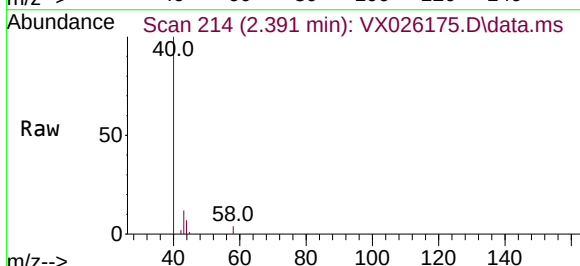
Acq: 30 Dec 2021 17:56

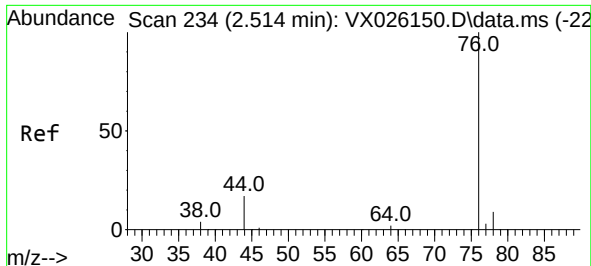
Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

58 32.9 24.8 37.2

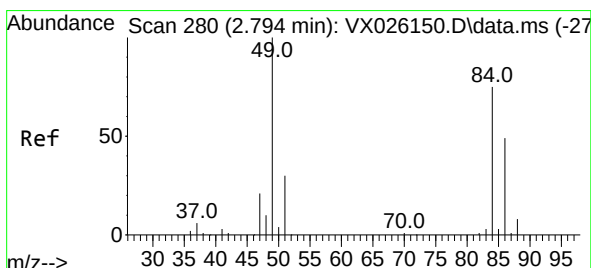
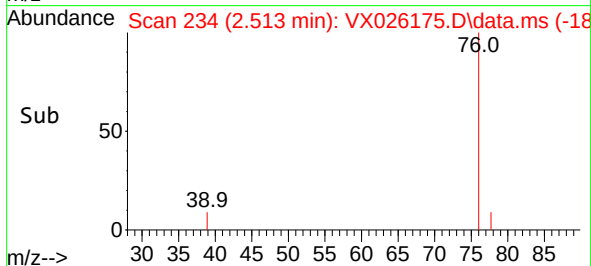
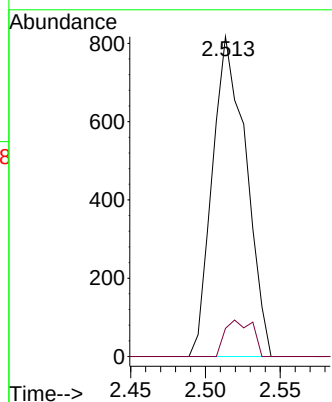
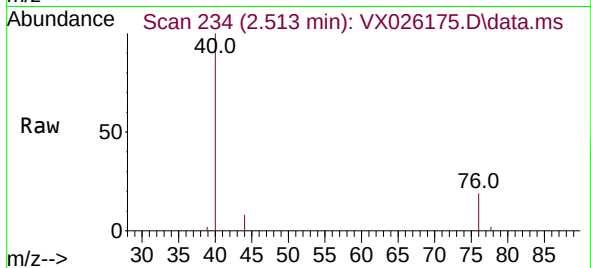




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

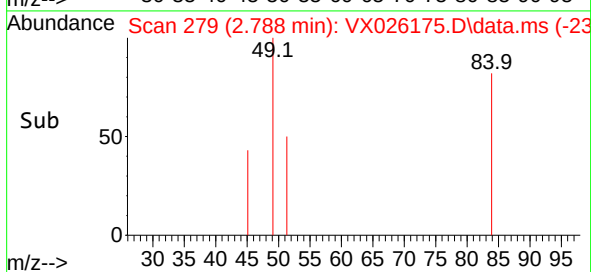
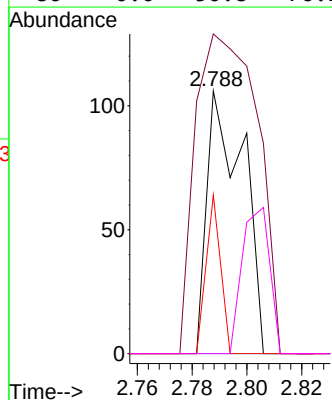
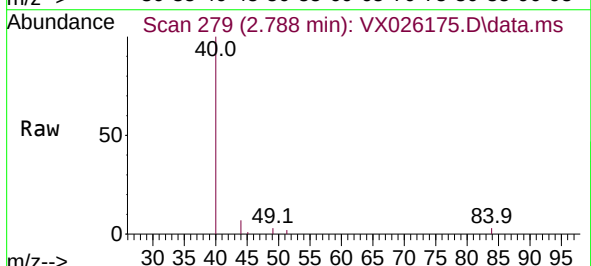
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

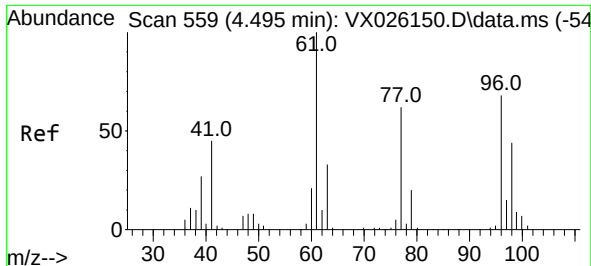
Tgt Ion: 76 Resp: 1277
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion: 84 Resp: 97
Ion Ratio Lower Upper
84 100
49 121.7 97.1 145.7
51 60.4 29.3 43.9#
86 0.0 50.8 76.2#





#27

cis-1,2-Dichloroethene

Concen: 1.212 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX026175.D

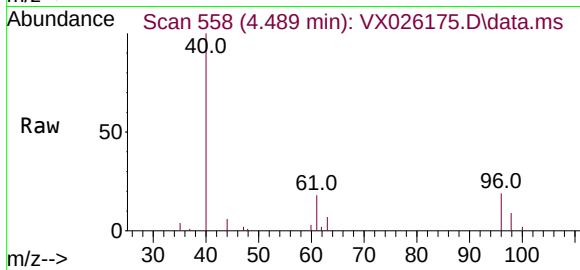
Acq: 30 Dec 2021 17:56

Instrument :

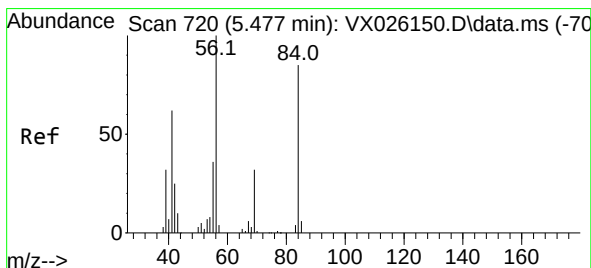
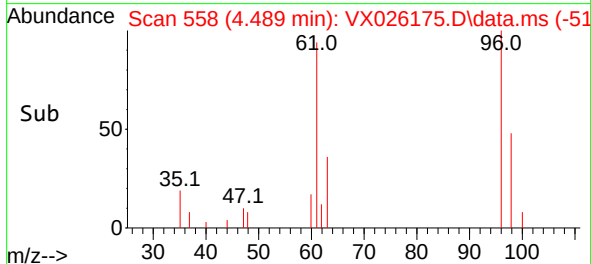
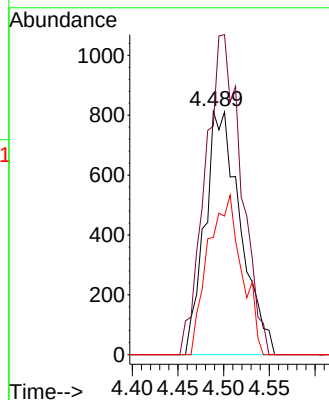
MSVOA_X

ClientSampleId :

DUP-1-122121



Tgt Ion: 96	Resp: 2205
Ion Ratio	Lower Upper
96	100
61	132.7 0.0 276.8
98	62.3 0.0 130.6



#31

Cyclohexane

Concen: 1.279 ug/l

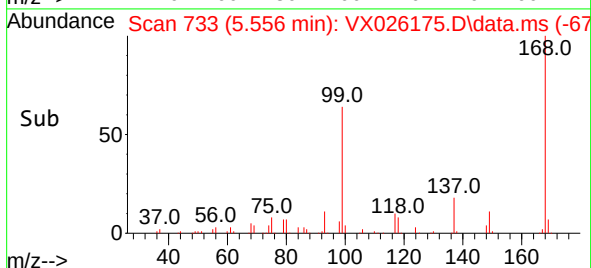
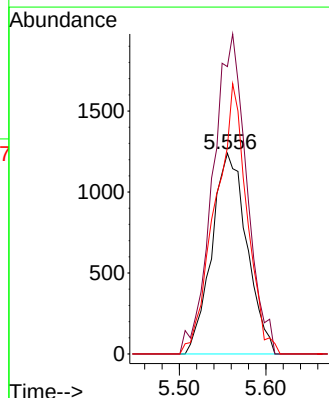
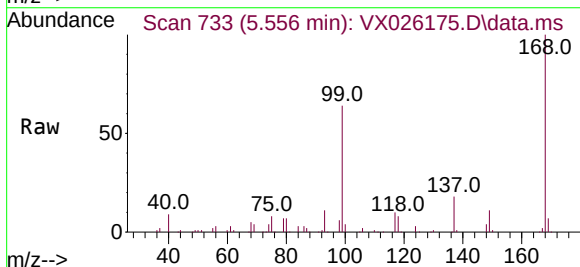
RT: 5.556 min Scan# 733

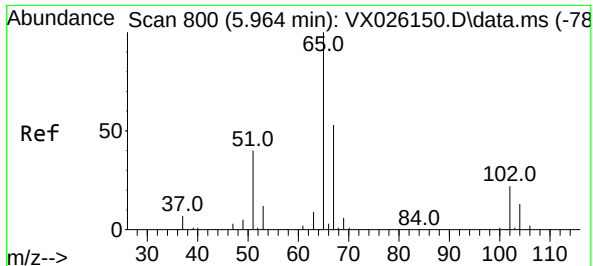
Delta R.T. 0.079 min

Lab File: VX026175.D

Acq: 30 Dec 2021 17:56

Tgt Ion: 56	Resp: 3486
Ion Ratio	Lower Upper
56	100
69	143.3 23.9 35.9#
84	103.1 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 52.032 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX026175.D

Acq: 30 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

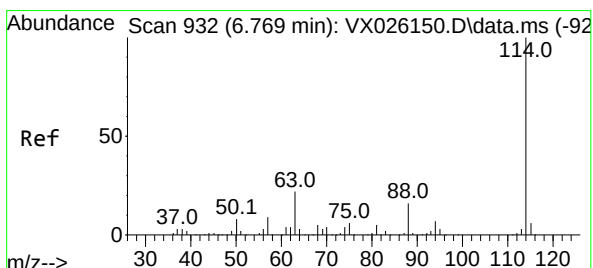
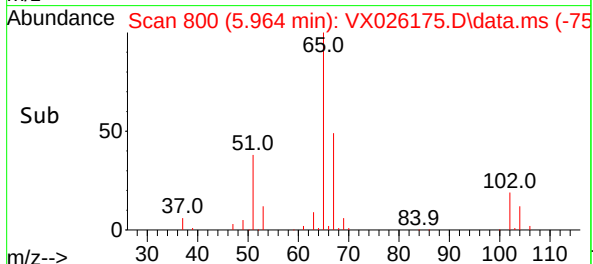
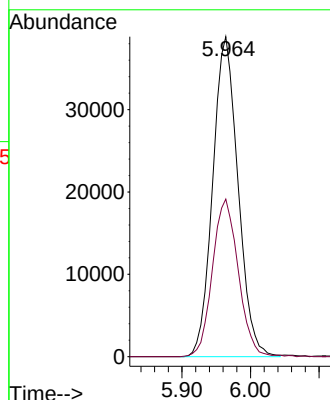
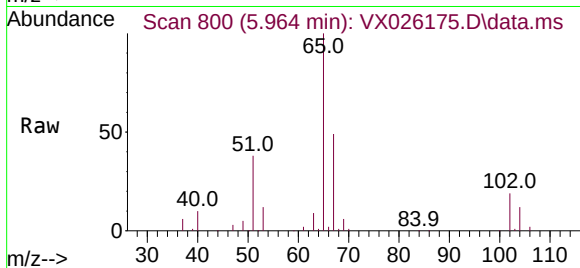
DUP-1-122121

Tgt Ion: 65 Resp: 99613

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026175.D

Acq: 30 Dec 2021 17:56

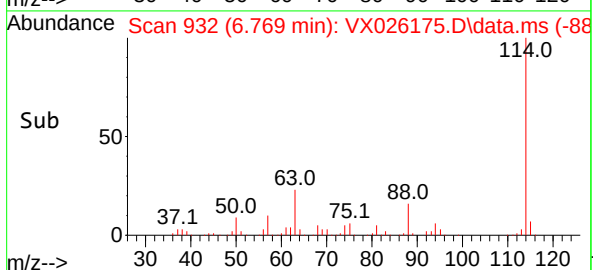
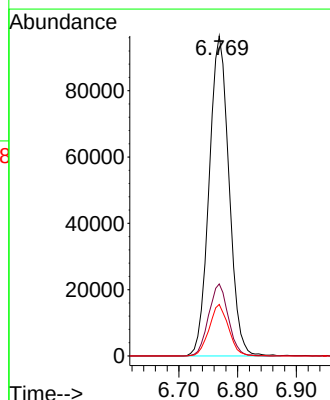
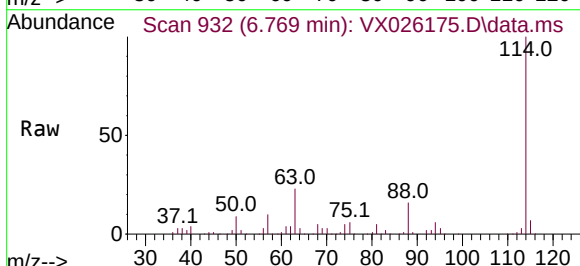
Tgt Ion: 114 Resp: 226320

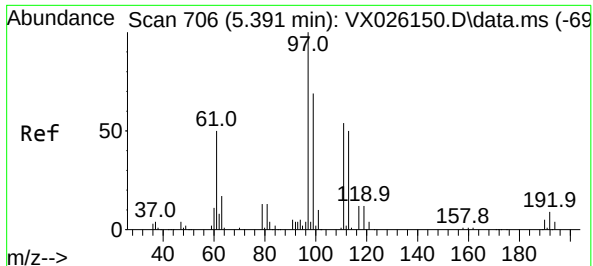
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.008 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026175.D

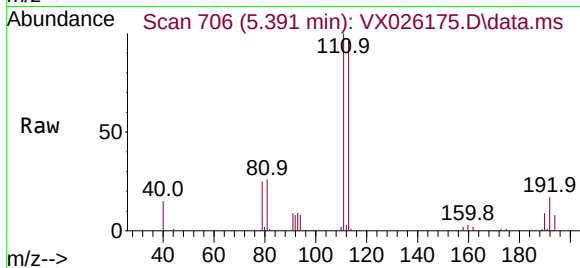
Acq: 30 Dec 2021 17:56

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-122121



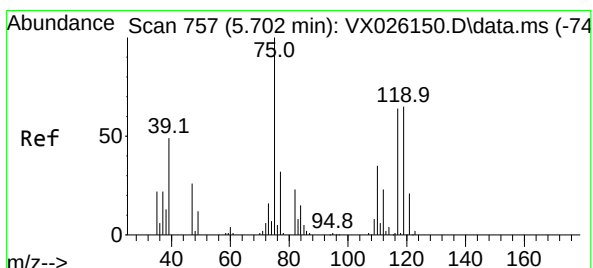
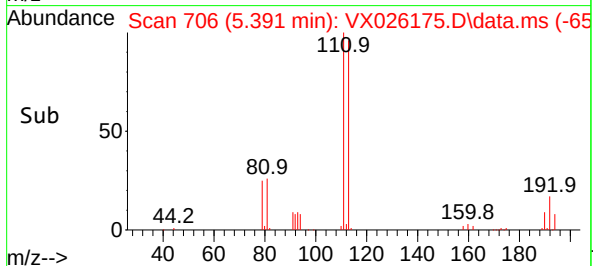
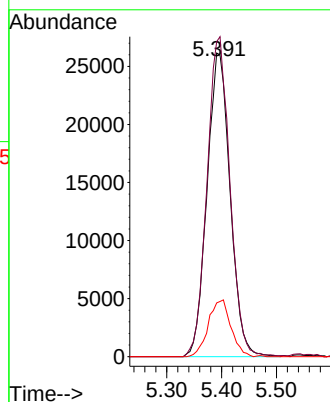
Tgt Ion:113 Resp: 76524

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

192 18.3 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026175.D

Acq: 30 Dec 2021 17:56

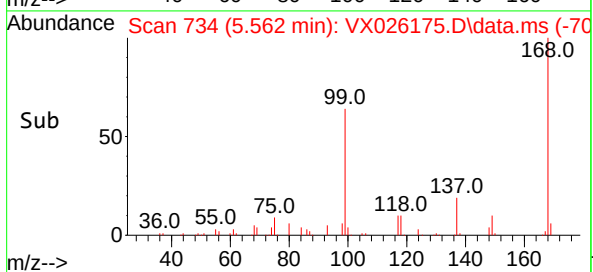
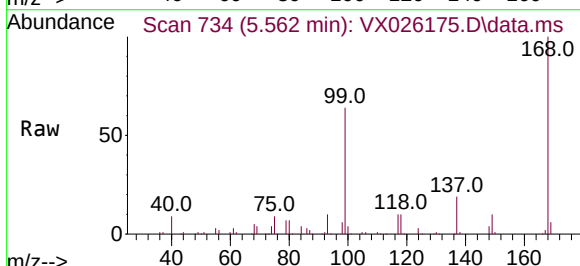
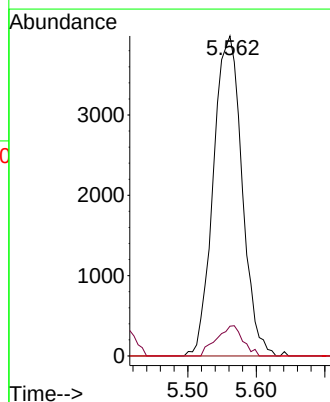
Tgt Ion: 75 Resp: 11596

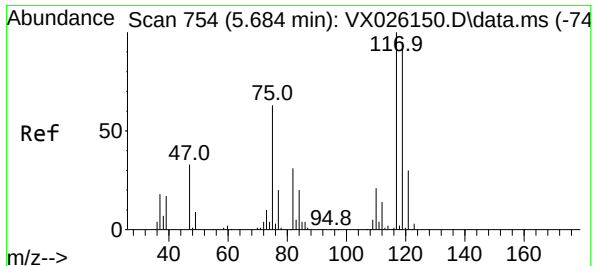
Ion Ratio Lower Upper

75 100

110 8.6 18.2 54.6#

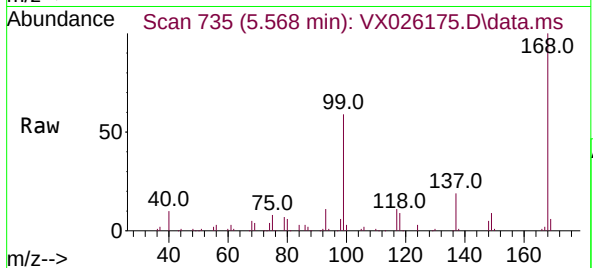
77 0.0 24.7 37.1#



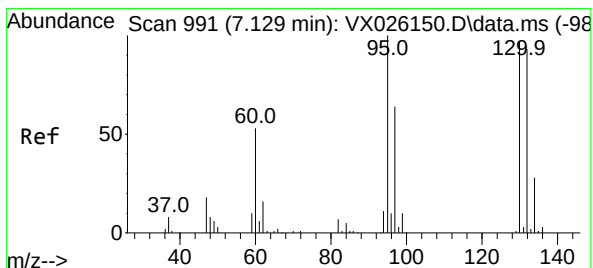
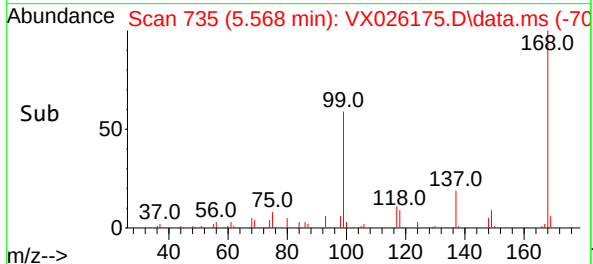
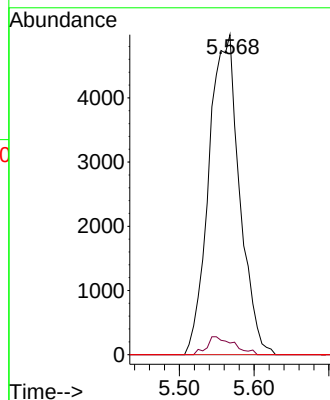


#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 5.568 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

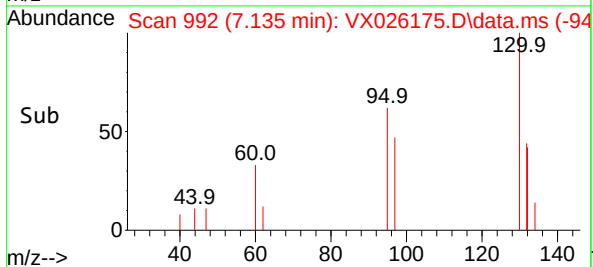
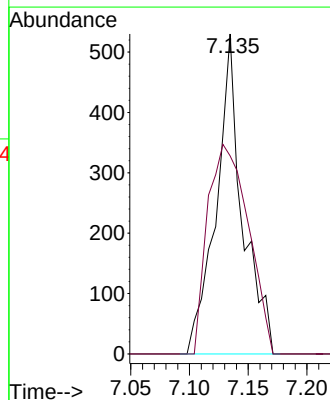
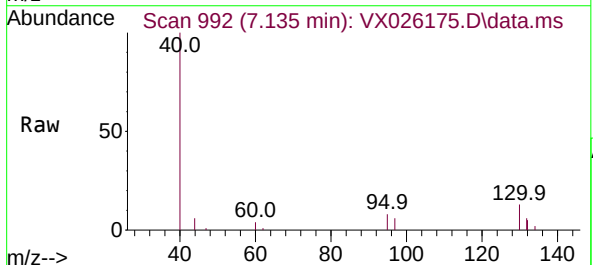


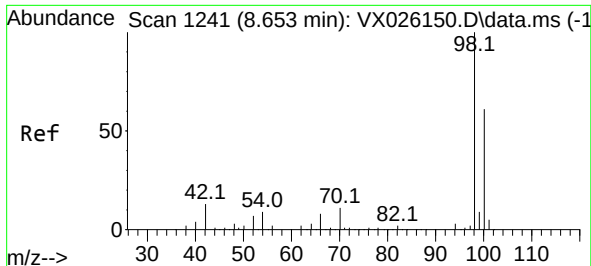
Tgt Ion:117 Resp: 14208
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 23.8 35.8#



#44
Trichloroethene
Concen: 0.452 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion:130 Resp: 823
Ion Ratio Lower Upper
130 100
95 61.9 0.0 186.4

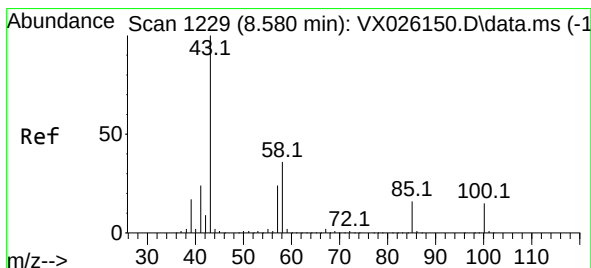
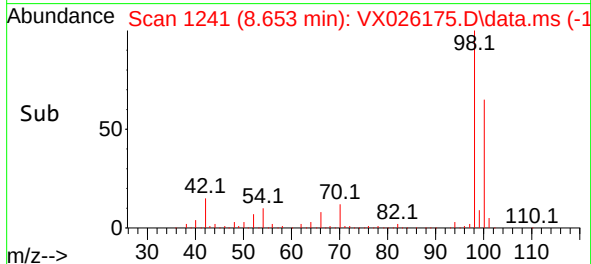
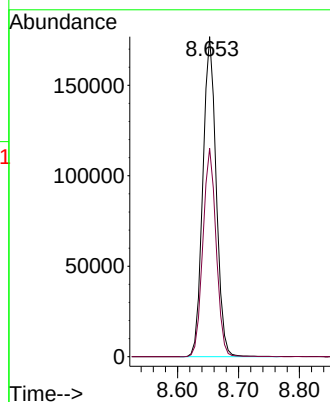
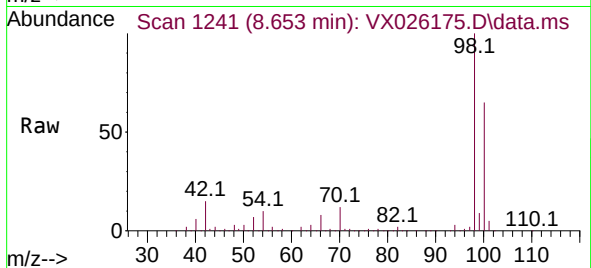




#50
Toluene-d8
Concen: 49.116 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

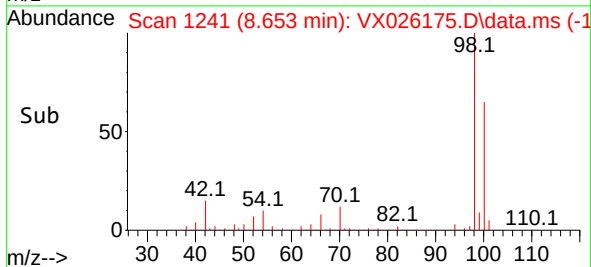
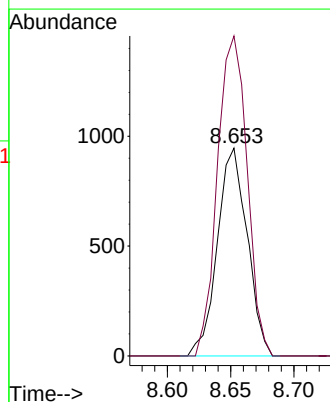
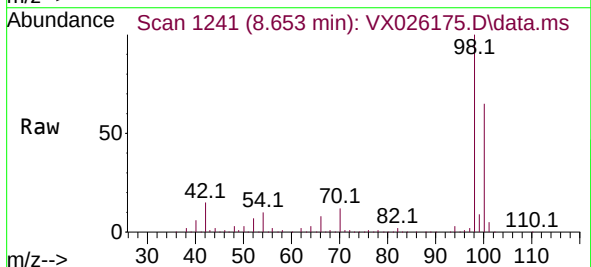
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

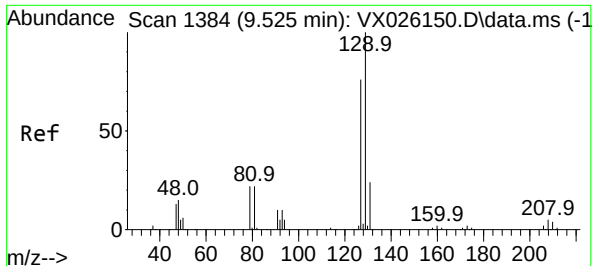
Tgt Ion: 98 Resp: 268810
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 153.0 30.8 46.2#

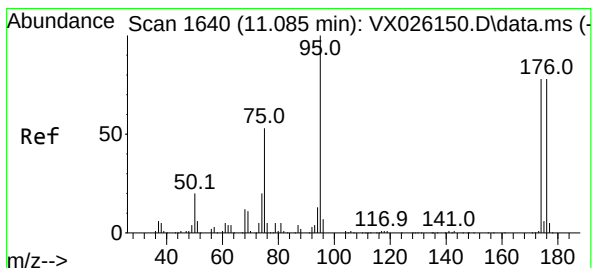
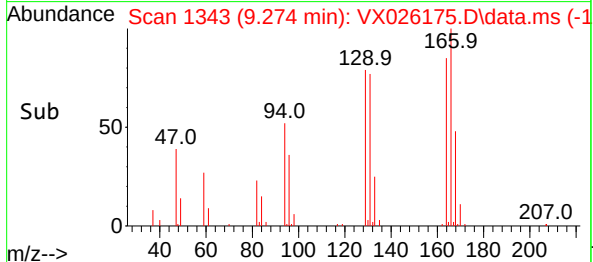
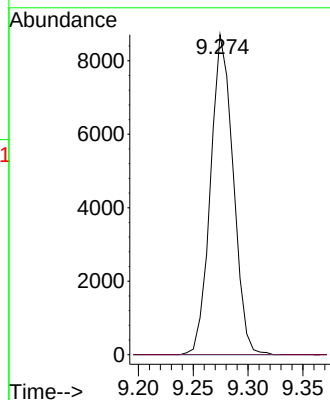
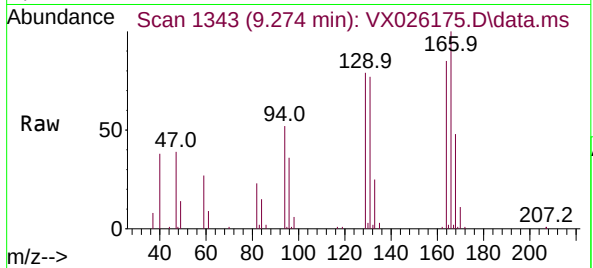




#60
Dibromochloromethane
Concen: 6.462 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

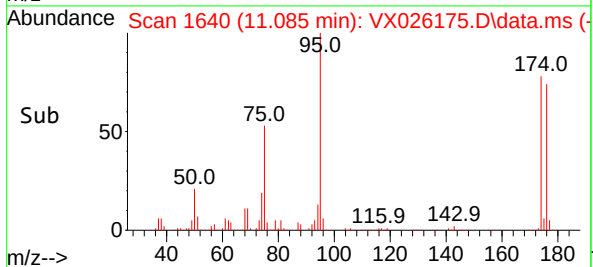
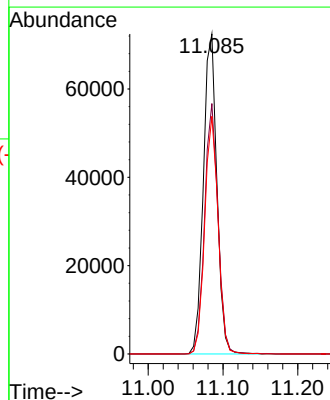
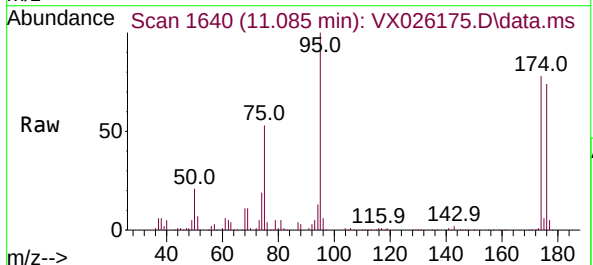
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

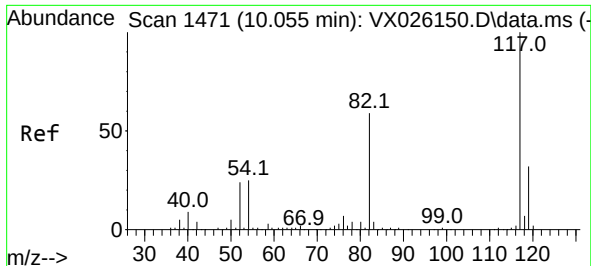
Tgt Ion:129 Resp: 12545
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 46.743 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion: 95 Resp: 91069
Ion Ratio Lower Upper
95 100
174 77.3 0.0 157.4
176 73.5 0.0 154.6

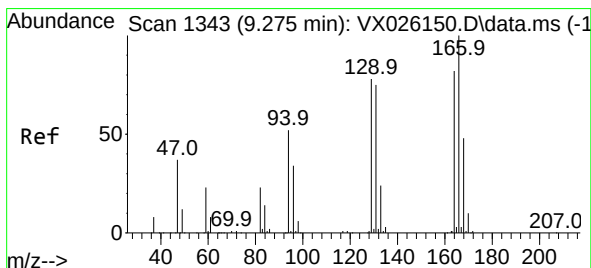
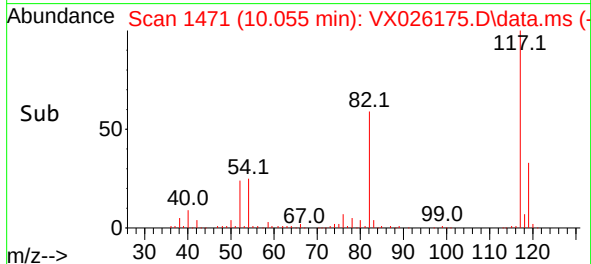
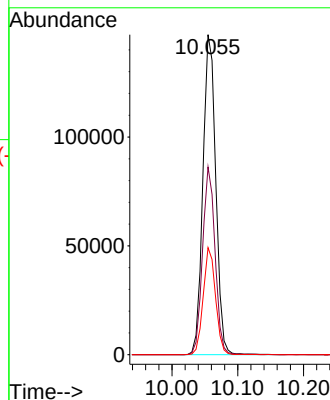
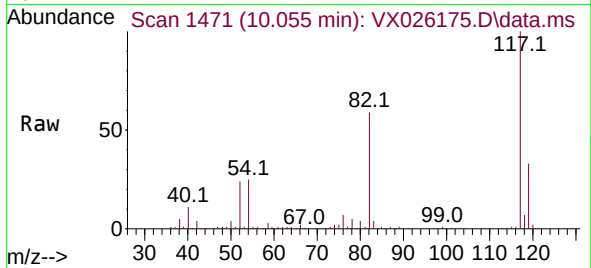




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

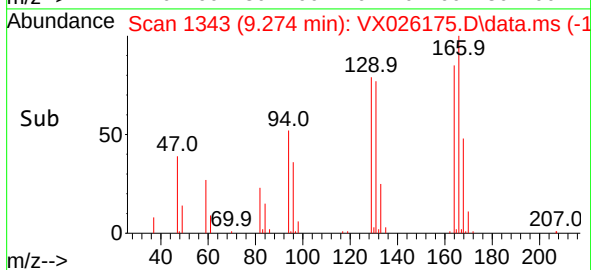
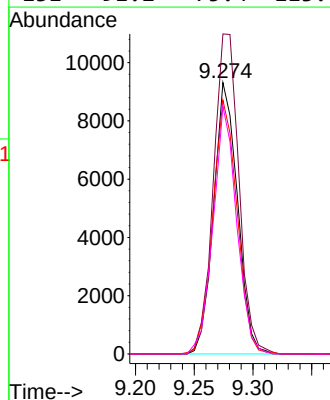
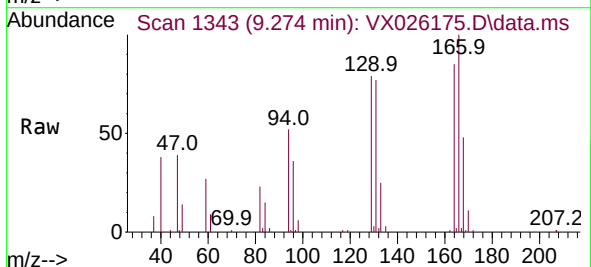
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

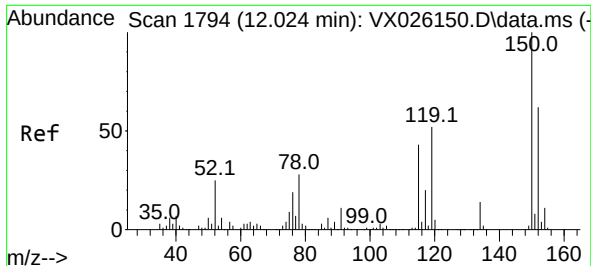
Tgt Ion:117 Resp: 199818
Ion Ratio Lower Upper
117 100
82 58.7 43.8 65.6
119 33.5 25.2 37.8



#64
Tetrachloroethene
Concen: 7.812 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

Tgt Ion:164 Resp: 13173
Ion Ratio Lower Upper
164 100
166 117.9 99.4 149.0
129 93.5 78.6 118.0
131 91.2 75.4 113.0

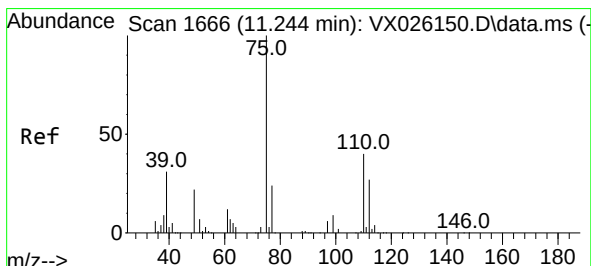
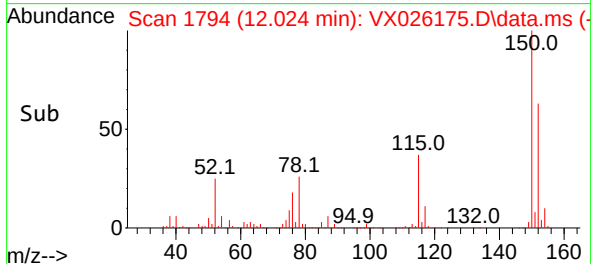
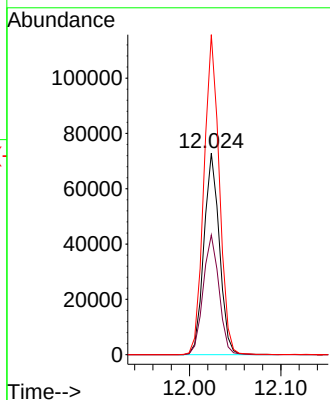
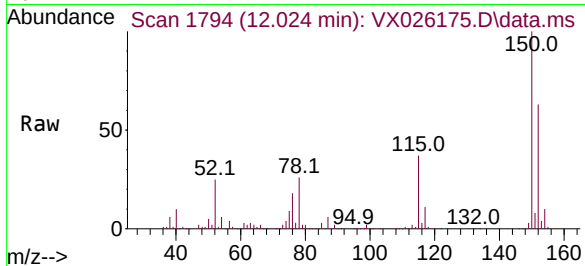




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

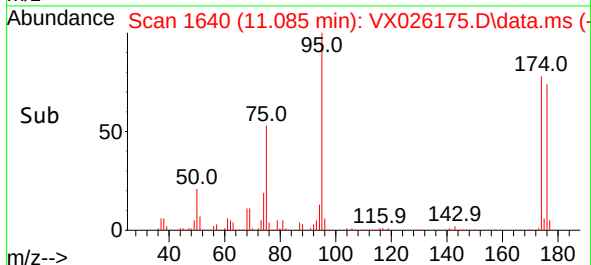
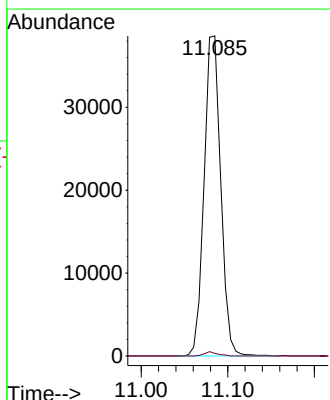
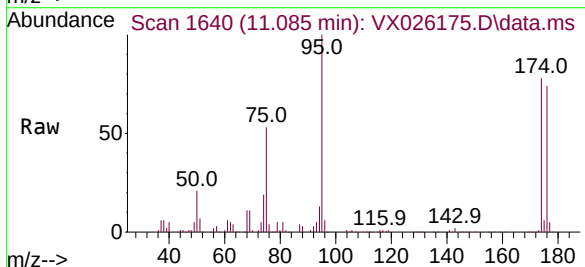
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-122121

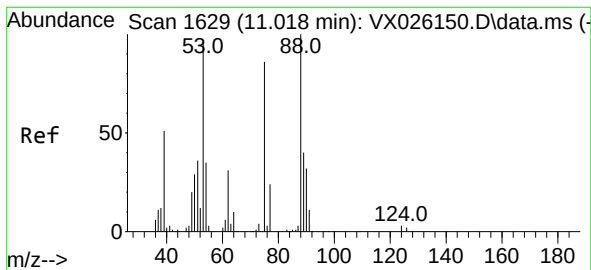
Tgt Ion:152 Resp: 85378
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 158.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 25.032 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026175.D
Acq: 30 Dec 2021 17:56

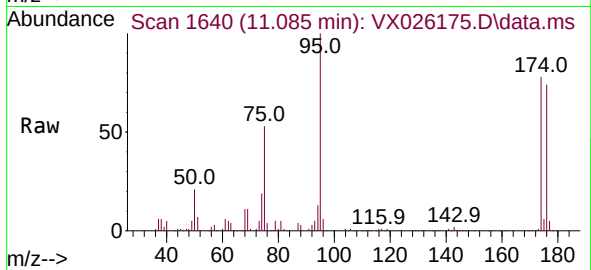
Tgt Ion: 75 Resp: 51586
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.417 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX026175.D
 Acq: 30 Dec 2021 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1-122121



Tgt Ion: 75 Resp: 51586
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

