

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025320.D
 Acq On : 24 Nov 2021 12:42
 Operator : JC/MD
 Sample : M4775-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S-20211118

Quant Time: Nov 26 10:32:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

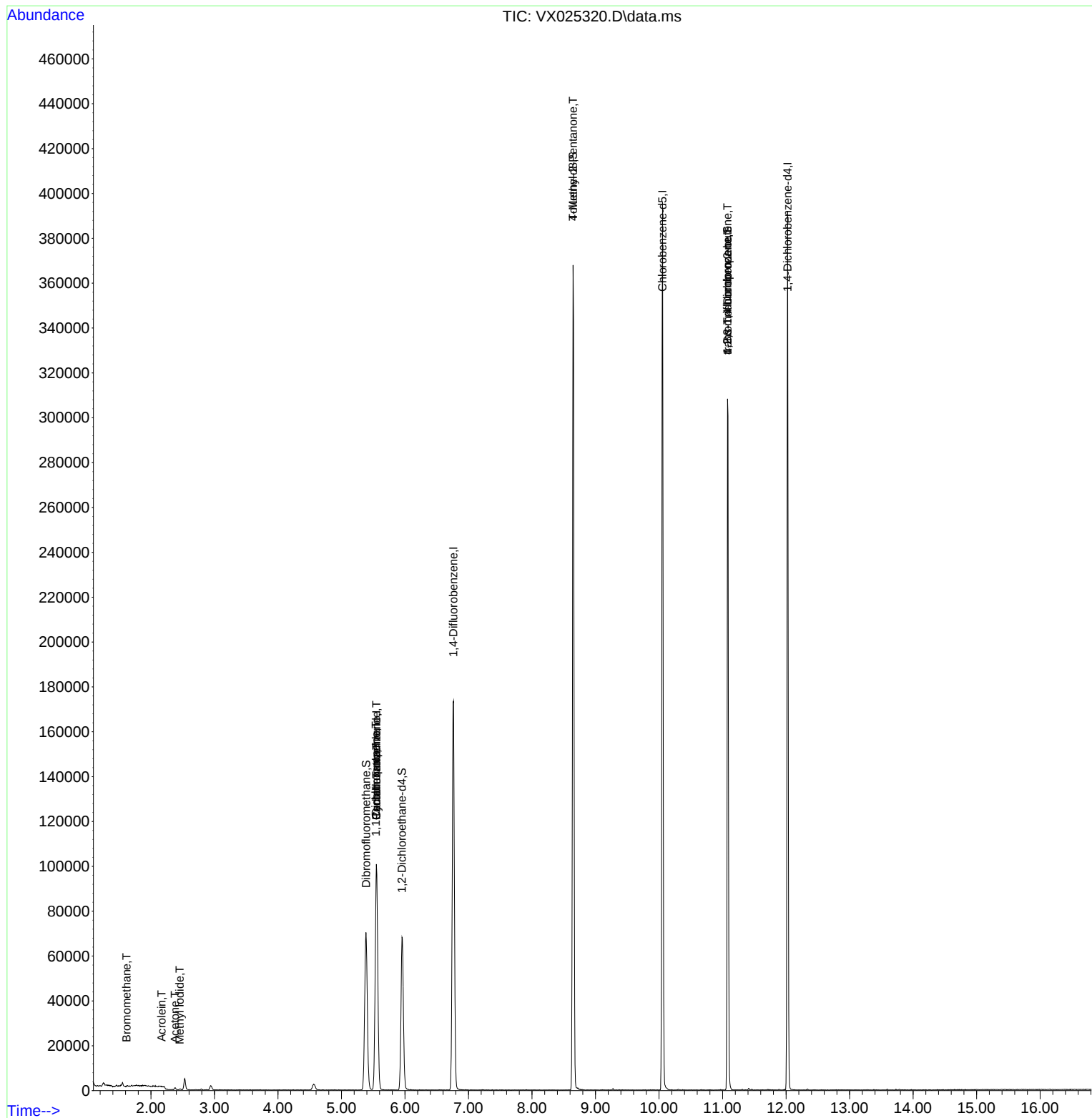
Internal Standards						
1) Pentafluorobenzene	5.550	168	103179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63516	58.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.800%
35) Dibromofluoromethane	5.385	113	61433	52.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.800%
50) Toluene-d8	8.647	98	223790	51.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.079	95	84973	51.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%
Target Compounds						Qvalue
5) Bromomethane	1.617	94	203	0.388	ug/l #	75
10) Methyl Iodide	2.453	142	421	0.351	ug/l #	82
11) Tert butyl alcohol	2.946	59	1273	Below Cal	#	72
13) Acrolein	2.166	56	20	0.401	ug/l #	13
16) Acetone	2.380	43	970	1.605	ug/l	99
31) Cyclohexane	5.550	56	1783	1.061	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	6964	4.217	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9284	5.104	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1015	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40472	24.040	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40472	60.561	ug/l #	9
95) Naphthalene	13.786	128	399	Below Cal	#	69

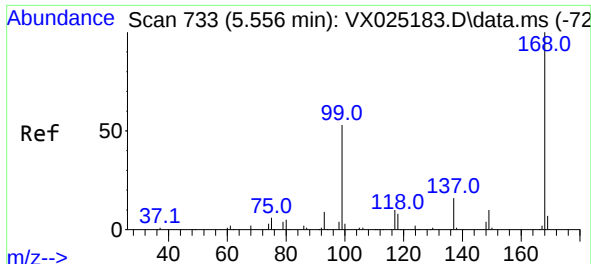
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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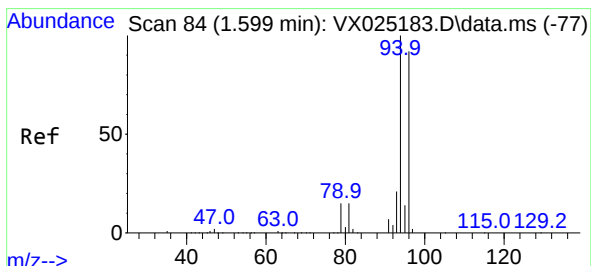
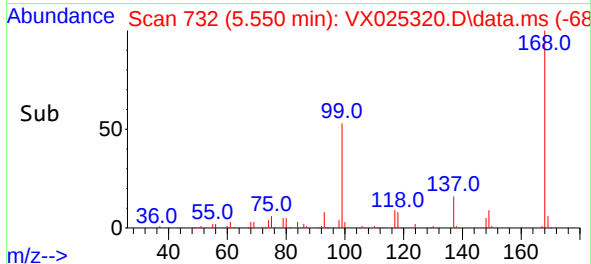
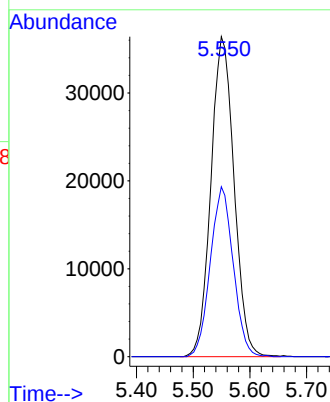
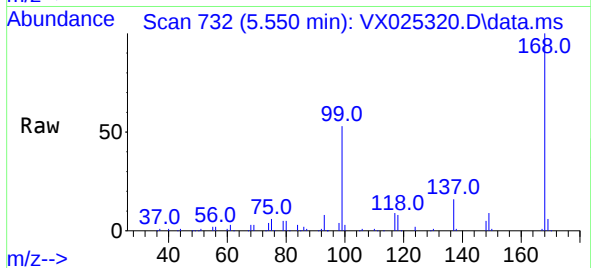




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

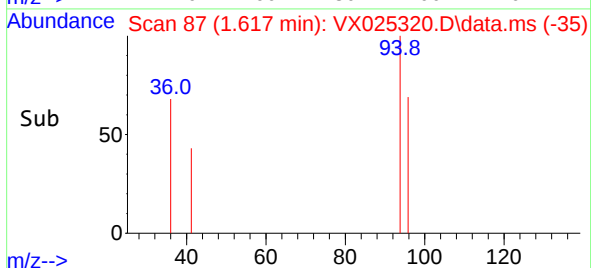
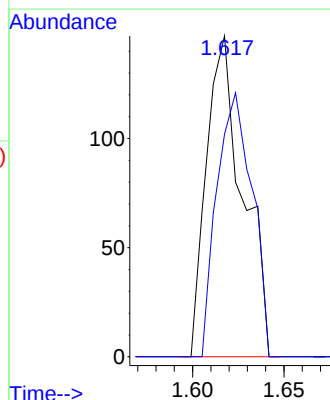
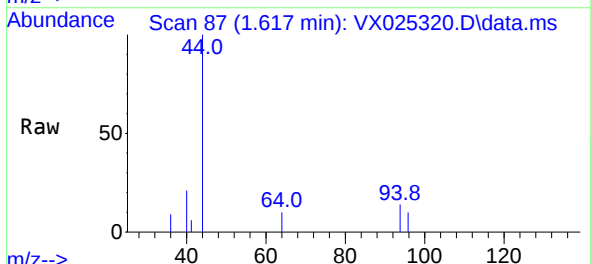
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

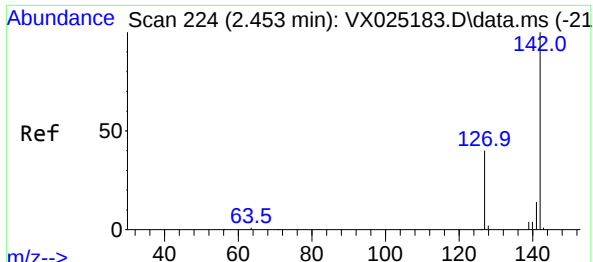
Tgt Ion:168 Resp: 103179
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

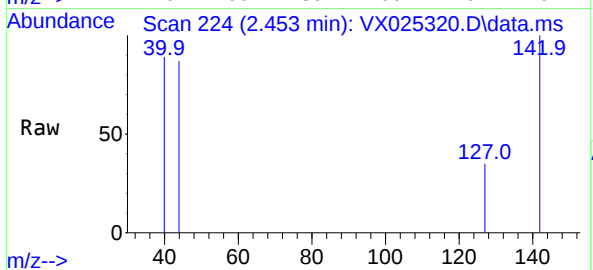
Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 69.4 74.8 112.2#



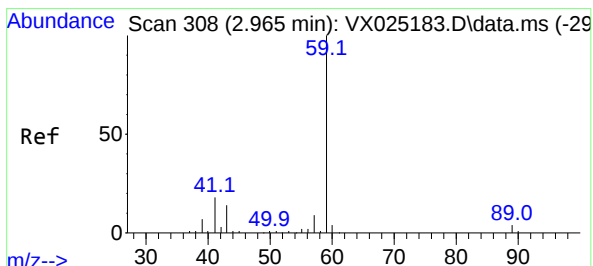
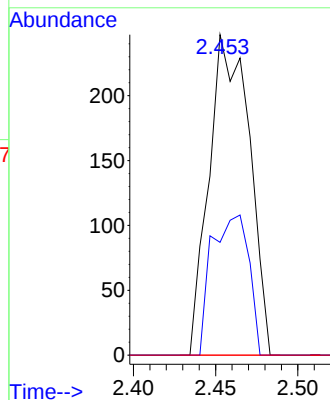
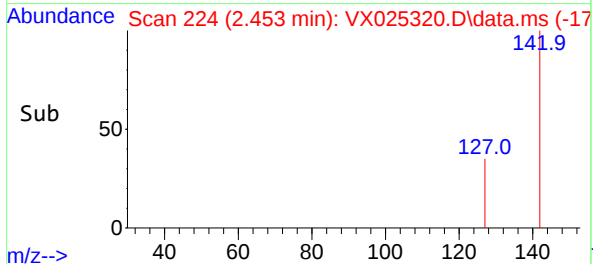


#10
Methyl Iodide
Concen: 0.351 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

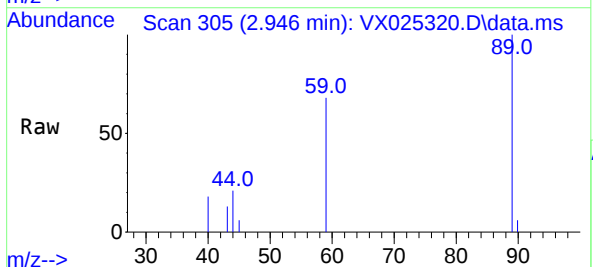
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118



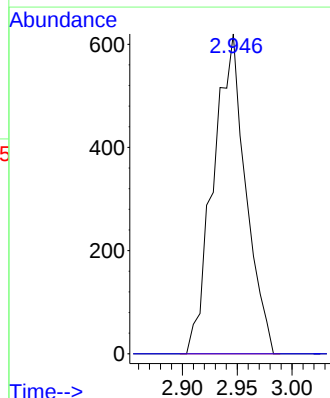
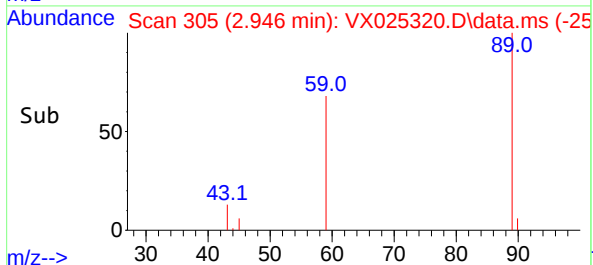
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 40.1 38.9 58.3
141 0.0 11.7 17.5#

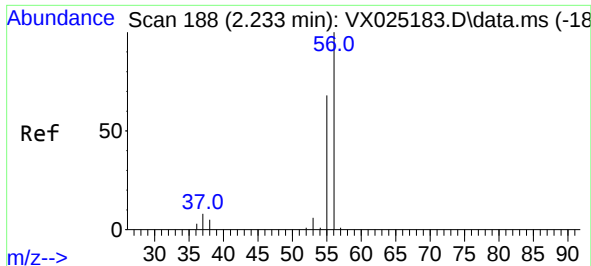


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42



Tgt Ion: 59 Resp: 1273
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

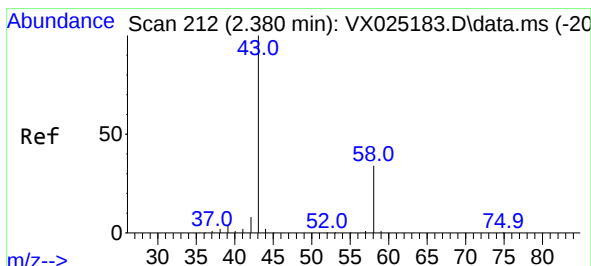
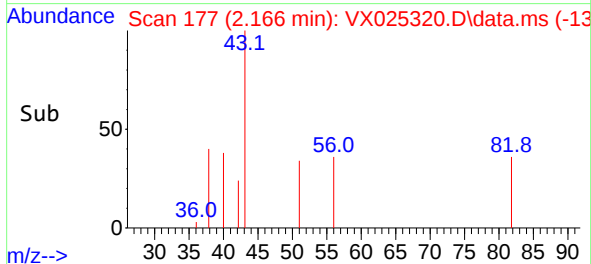
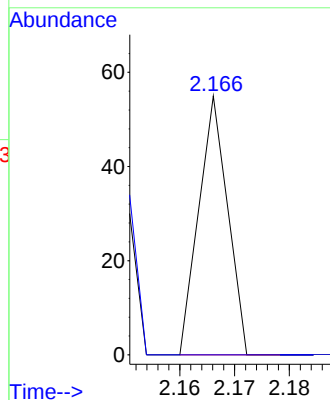
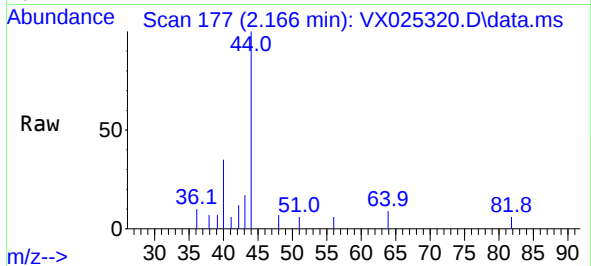




#13
Acrolein
Concen: 0.401 ug/l
RT: 2.166 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

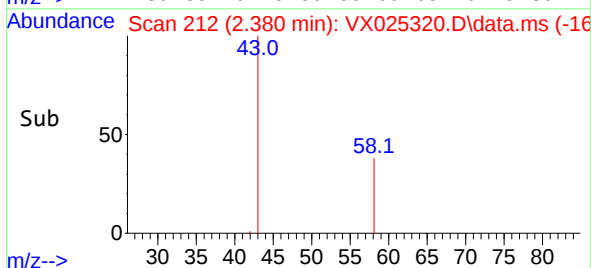
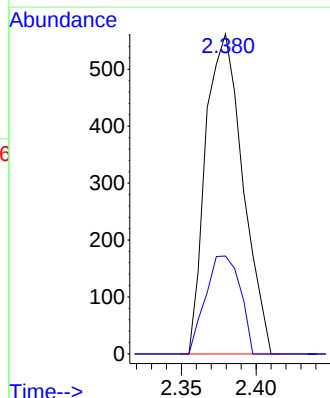
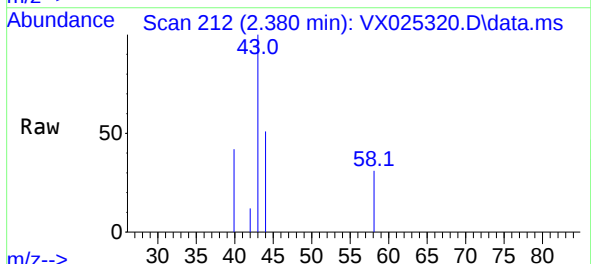
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

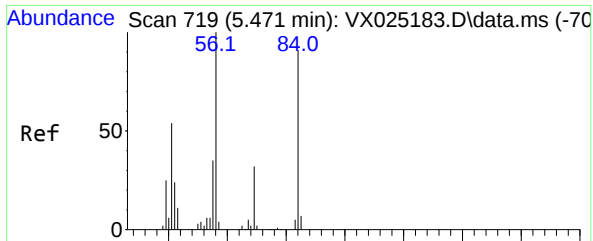
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: 1.605 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

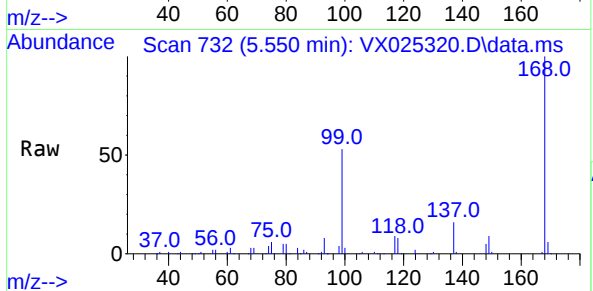
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0



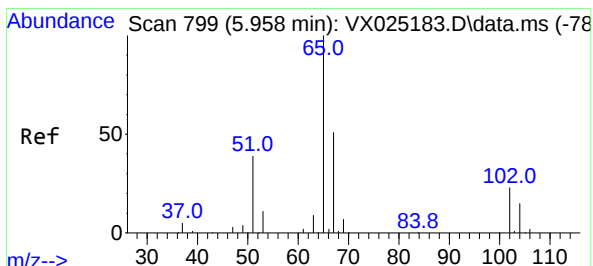
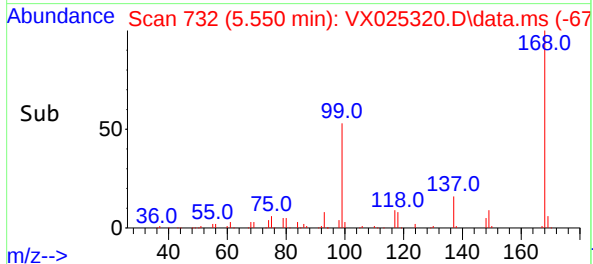
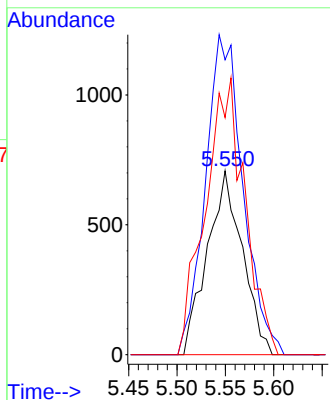


#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

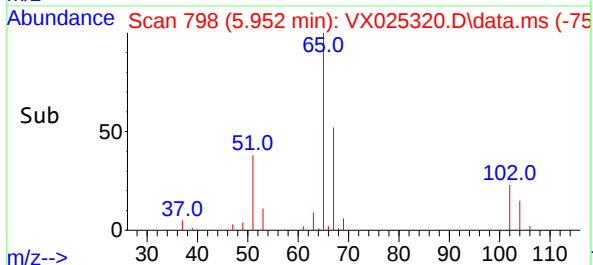
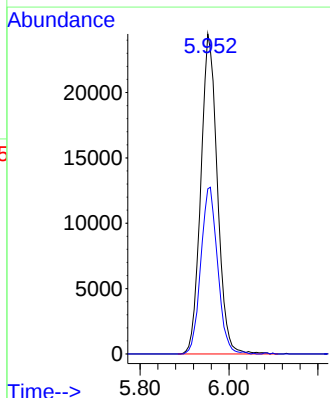
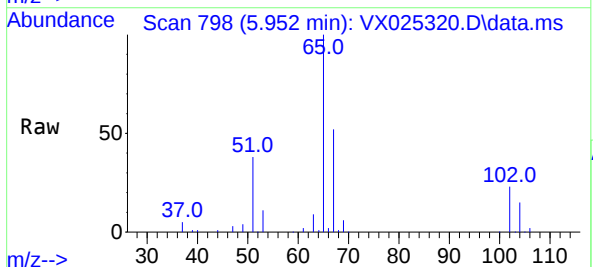


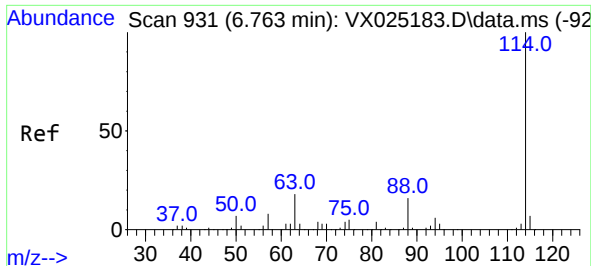
Tgt Ion: 56 Resp: 1783
Ion Ratio Lower Upper
56 100
69 160.3 24.2 36.2#
84 129.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 58.401 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 65 Resp: 63516
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX025320.D

Acq: 24 Nov 2021 12:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10S-20211118

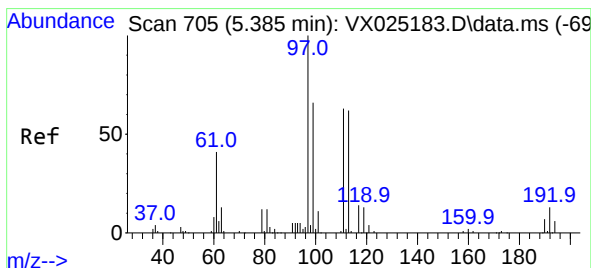
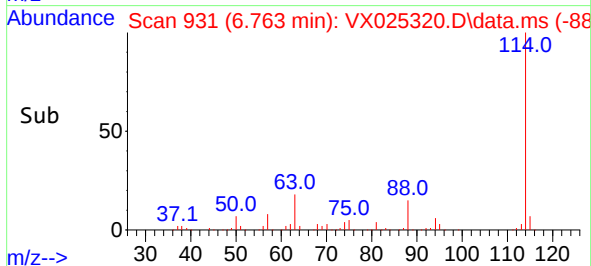
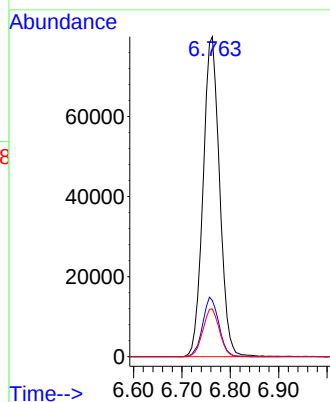
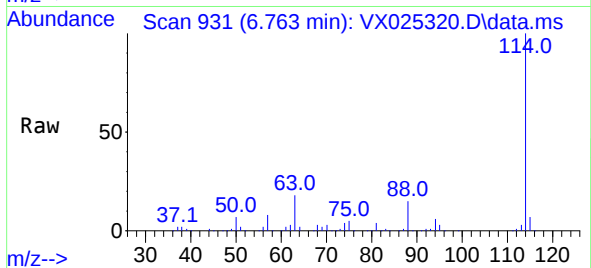
Tgt Ion:114 Resp: 189272

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.900 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025320.D

Acq: 24 Nov 2021 12:42

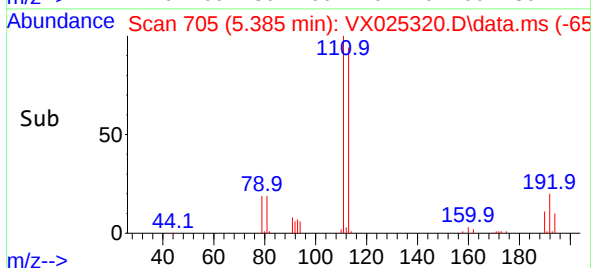
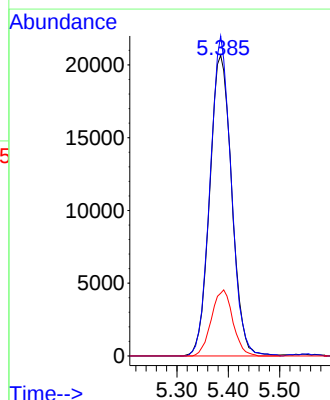
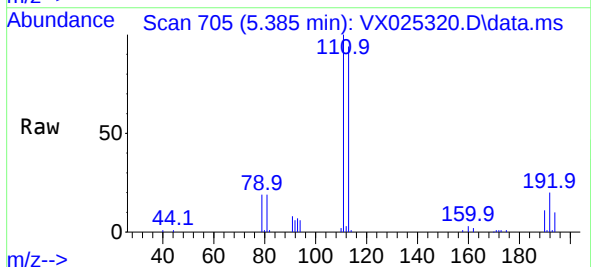
Tgt Ion:113 Resp: 61433

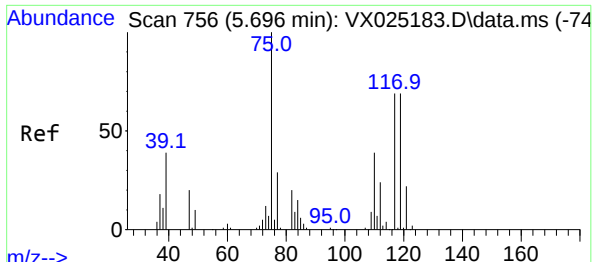
Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 21.4 15.6 23.4

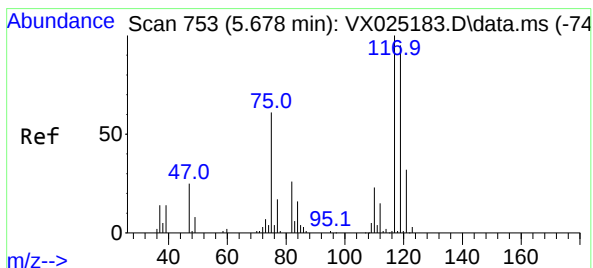
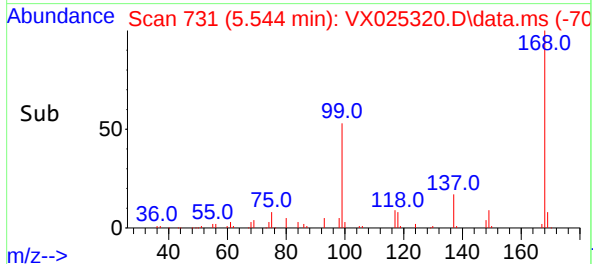
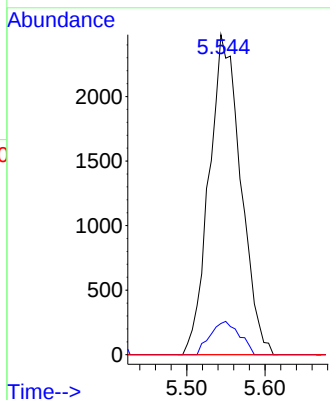
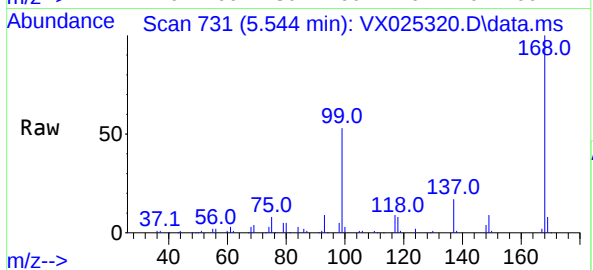




#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

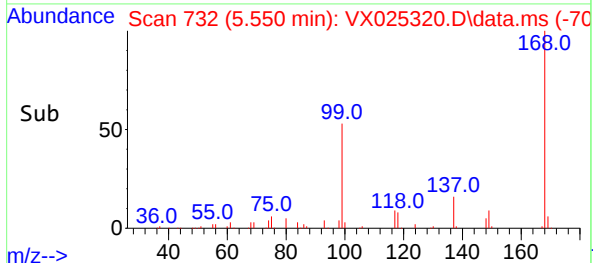
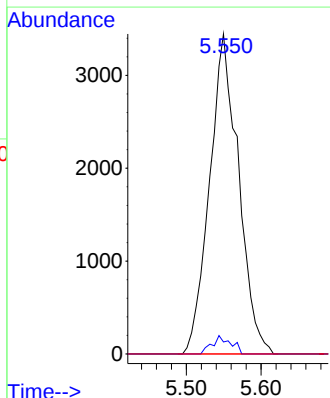
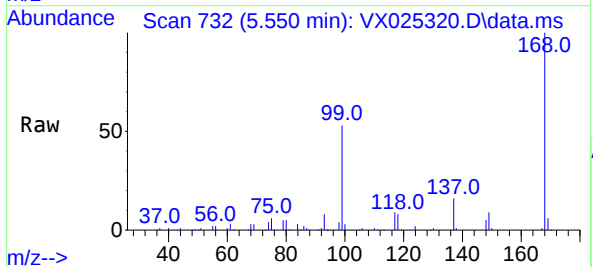
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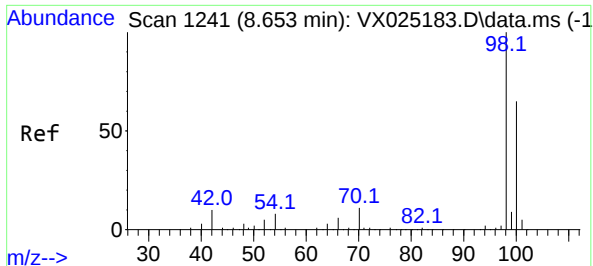
Tgt Ion: 75 Resp: 6964
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.104 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 117 Resp: 9284
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 23.7 35.5#

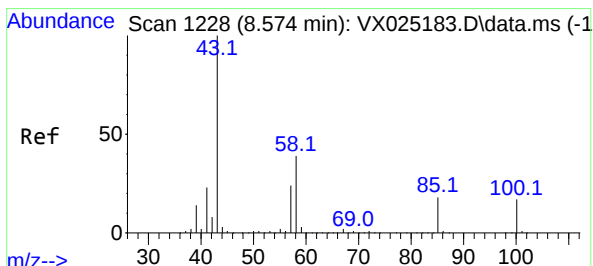
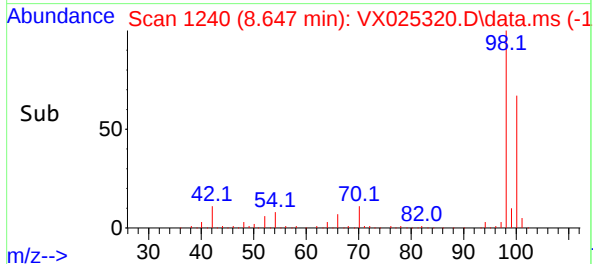
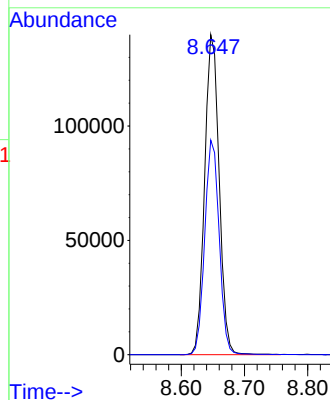
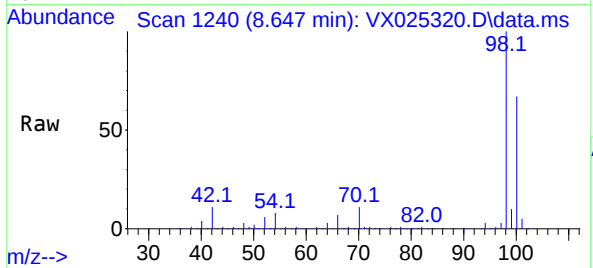




#50
Toluene-d8
Concen: 51.253 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

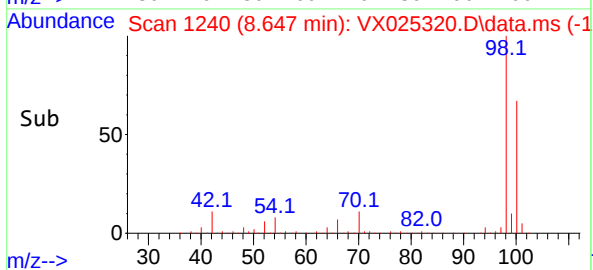
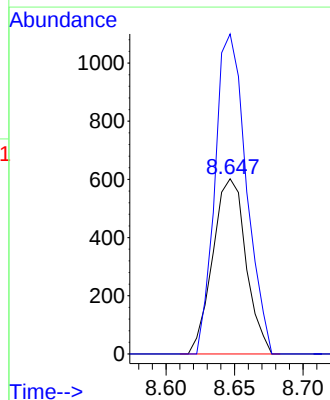
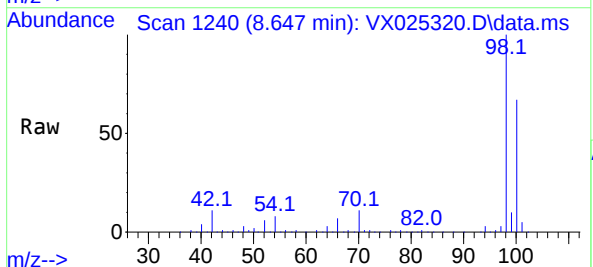
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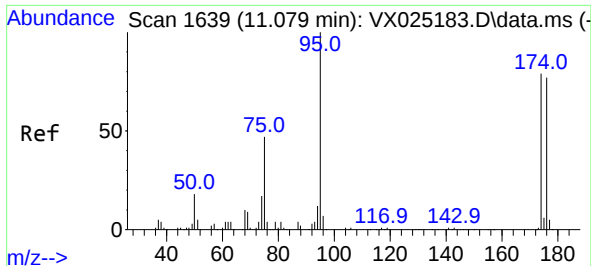
Tgt Ion: 98 Resp: 223790
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 172.0 30.9 46.3#

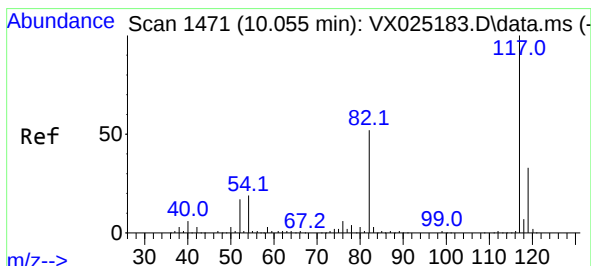
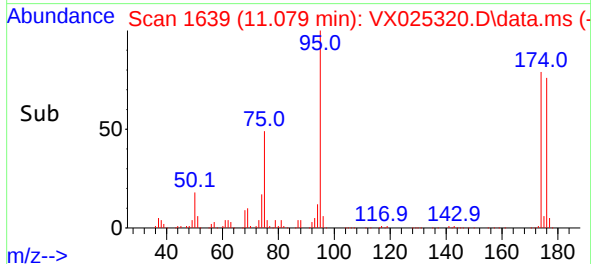
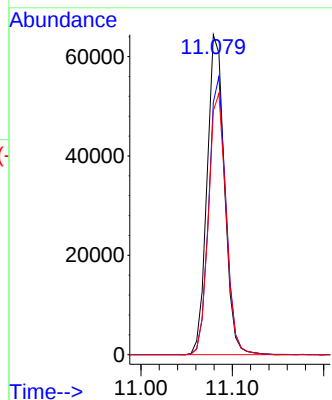
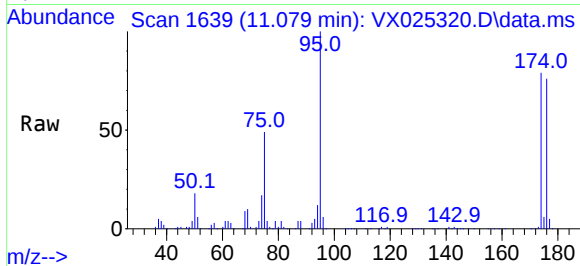




#62
4-Bromofluorobenzene
Concen: 51.441 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

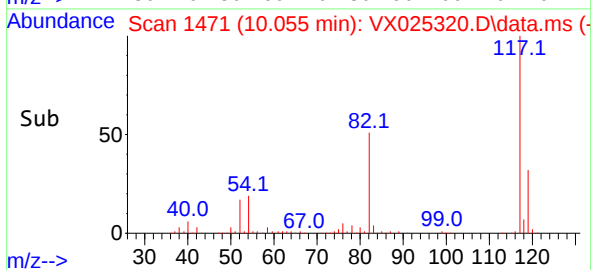
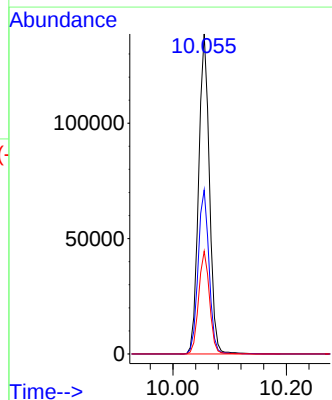
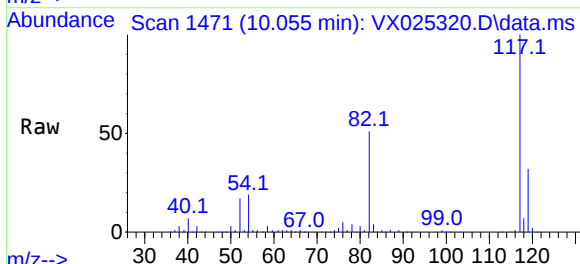
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

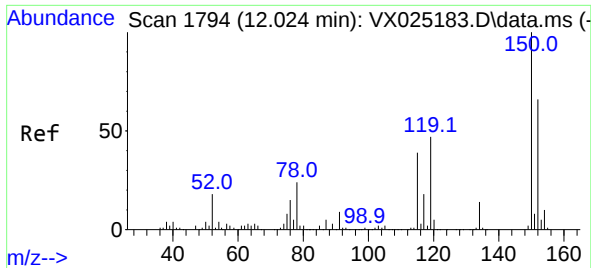
Tgt Ion: 95 Resp: 84973
Ion Ratio Lower Upper
95 100
174 85.6 0.0 158.0
176 82.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 117 Resp: 183421
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 32.1 24.8 37.2

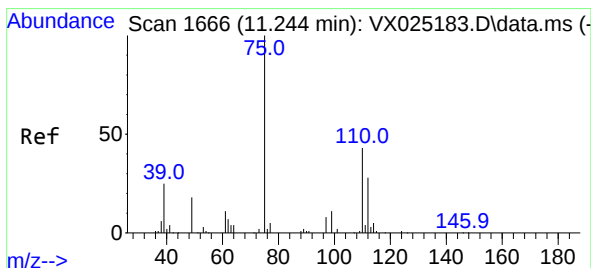
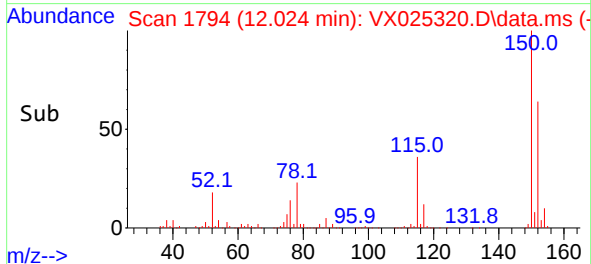
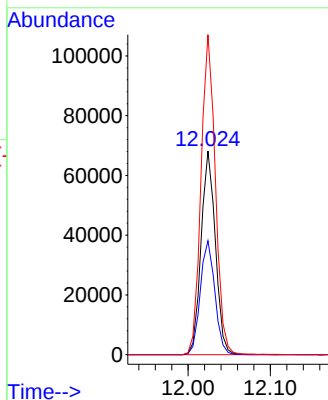
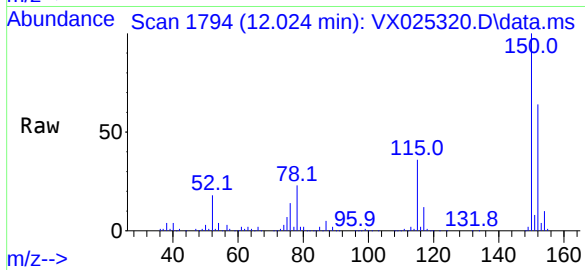




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

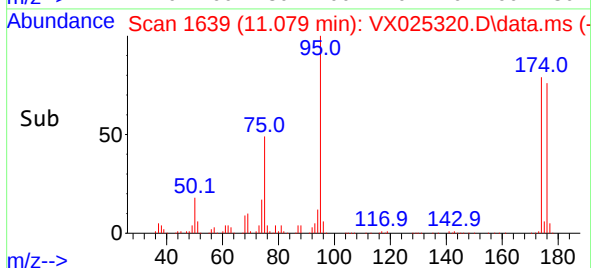
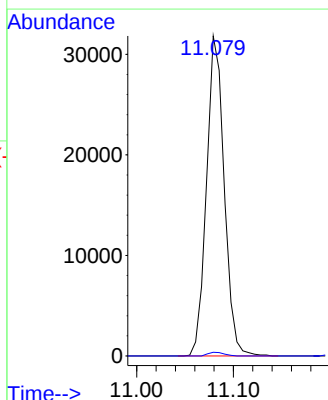
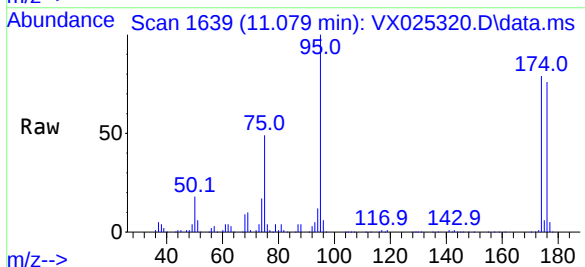
Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

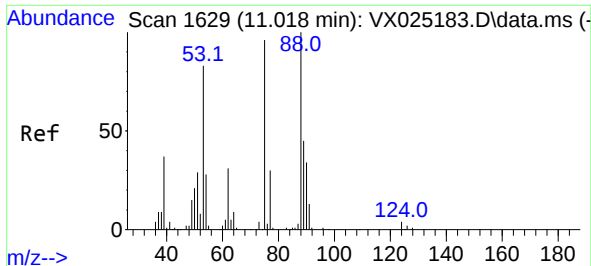
Tgt Ion:152 Resp: 82212
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 157.9 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 75 Resp: 40472
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#

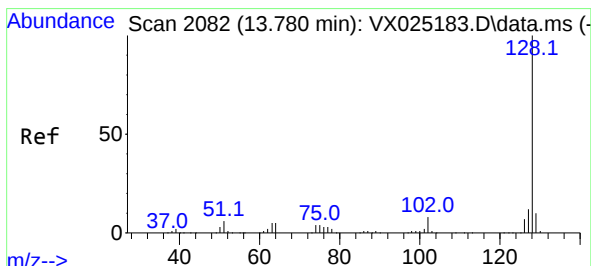
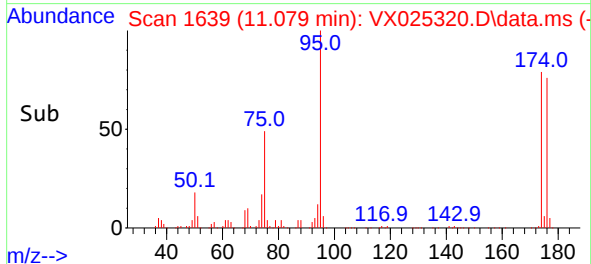
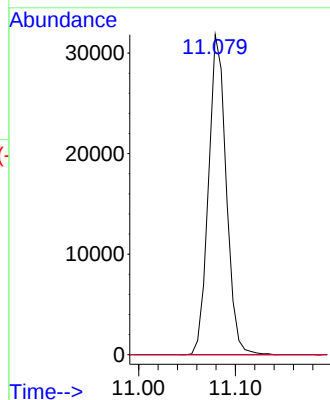
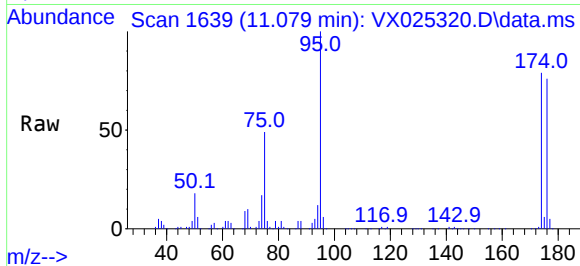




#81
trans-1,4-Dichloro-2-butene
Concen: 60.561 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10S-20211118

Tgt Ion: 75 Resp: 40472
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025320.D
Acq: 24 Nov 2021 12:42

Tgt Ion: 128 Resp: 399
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

