

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024387.D
 Acq On : 21 Sep 2021 15:38
 Operator : JC/MD
 Sample : M3782-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210915

Quant Time: Sep 21 16:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

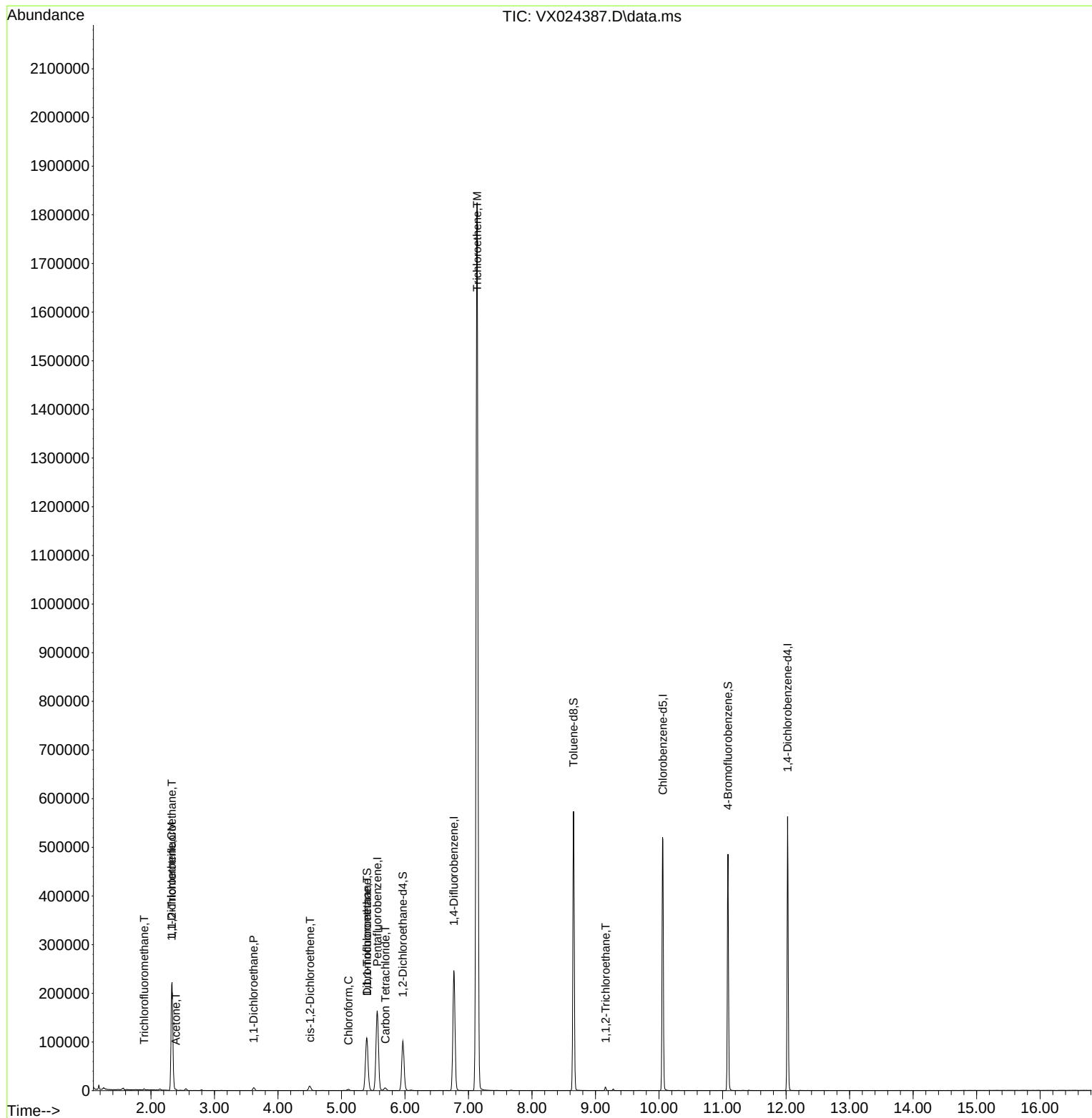
Internal Standards						
1) Pentafluorobenzene	5.562	168	151724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102845	47.536	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.080%
35) Dibromofluoromethane	5.403	113	88424	53.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	8.653	98	333906	55.852	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.700%
62) 4-Bromofluorobenzene	11.085	95	127112	54.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.260%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.892	101	1177	0.463	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	58504	39.167	ug/l	98
12) 1,1-Dichloroethene	2.325	96	33463	23.920	ug/l	99
16) Acetone	2.392	43	2431	2.635	ug/l #	74
24) 1,1-Dichloroethane	3.617	63	6821m	2.328	ug/l	
27) cis-1,2-Dichloroethene	4.507	96	6057	3.424	ug/l	90
30) Chloroform	5.111	83	2791	0.896	ug/l #	73
32) 1,1,1-Trichloroethane	5.403	97	6239	2.237	ug/l	97
38) Carbon Tetrachloride	5.690	117	4817	1.902	ug/l	92
44) Trichloroethene	7.135	130	680594	375.394	ug/l	100
55) 1,1,2-Trichloroethane	9.159	97	1895	1.052	ug/l #	81

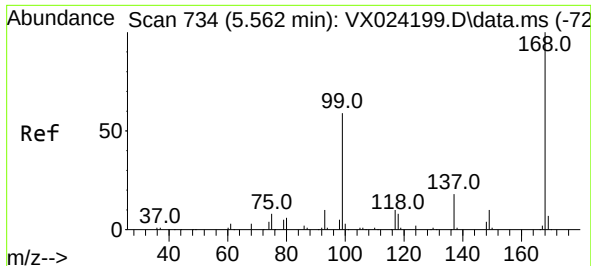
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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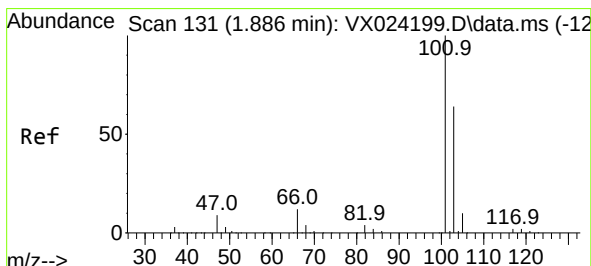
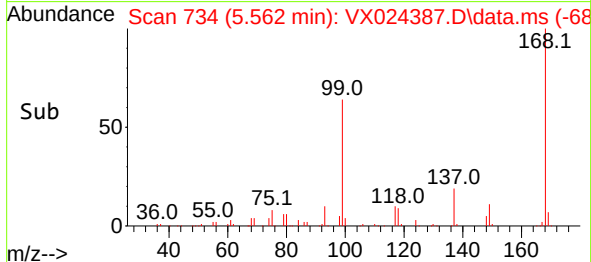
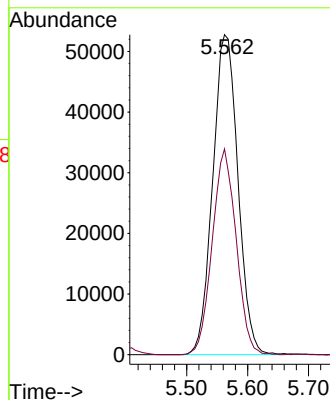
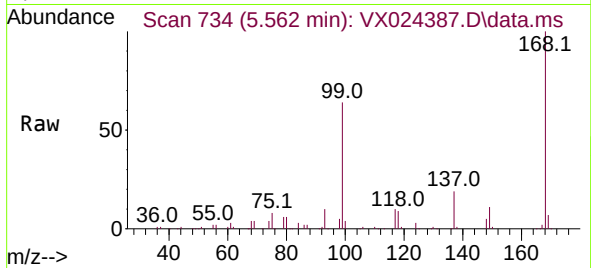




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

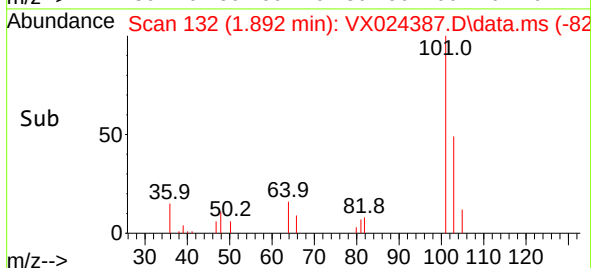
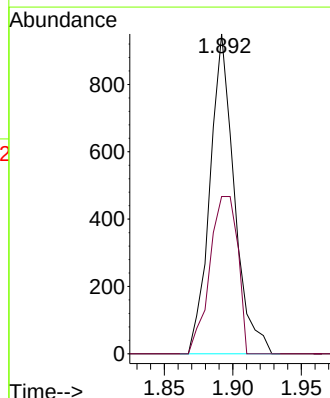
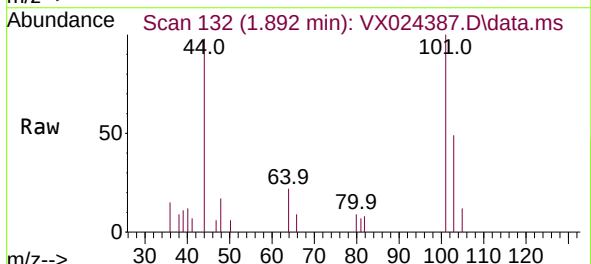
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

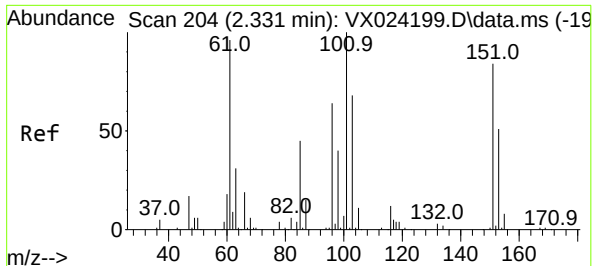
Tgt Ion:168 Resp: 151724
Ion Ratio Lower Upper
168 100
99 64.3 45.8 68.6



#7
Trichlorofluoromethane
Concen: 0.463 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion:101 Resp: 1177
Ion Ratio Lower Upper
101 100
103 49.2 53.2 79.8#

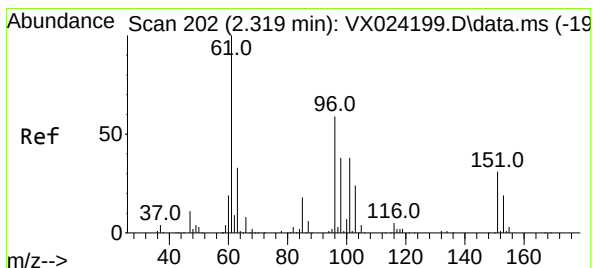
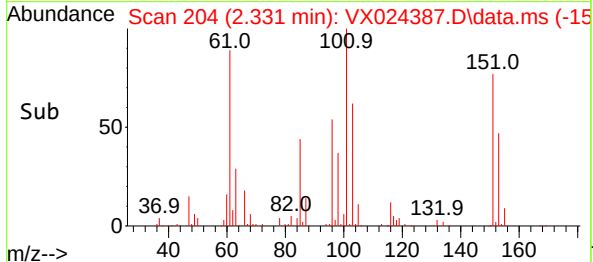
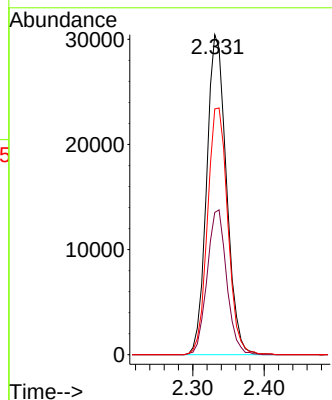
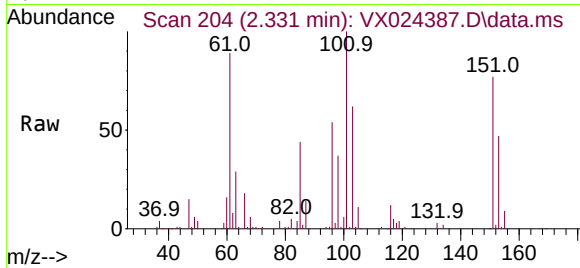




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.167 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

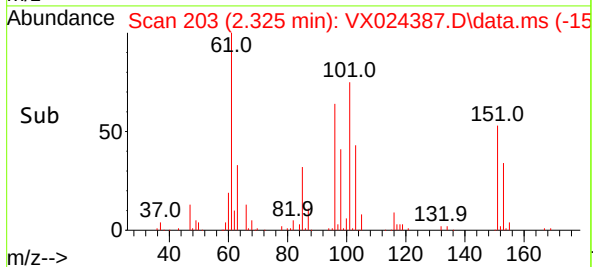
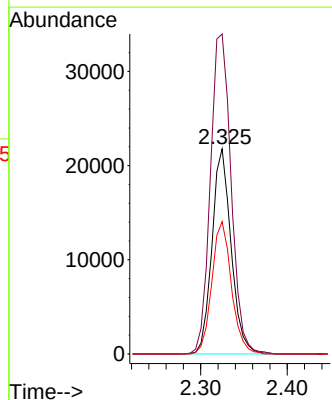
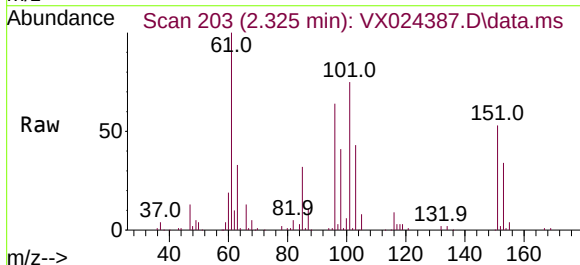
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

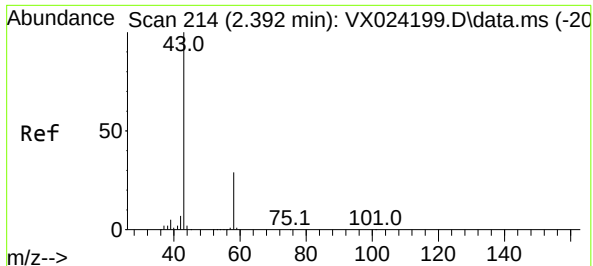
Tgt Ion:101 Resp: 58504
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 79.0 61.4 92.2



#12
1,1-Dichloroethene
Concen: 23.920 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion: 96 Resp: 33463
Ion Ratio Lower Upper
96 100
61 155.9 124.6 187.0
98 64.5 50.6 76.0

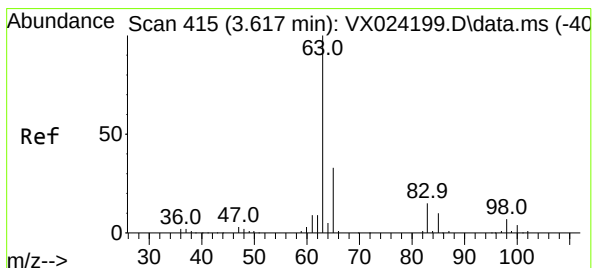
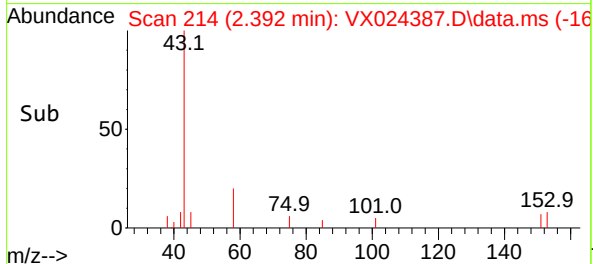
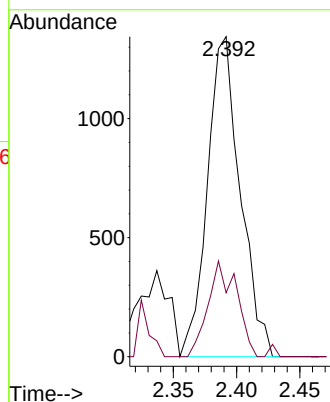
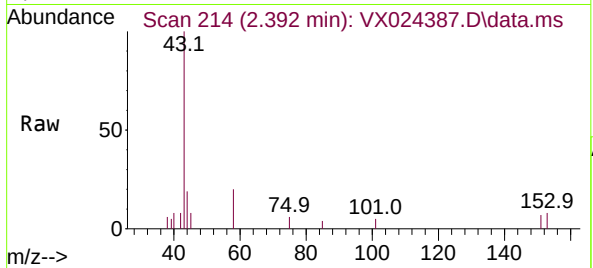




#16
Acetone
Concen: 2.635 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

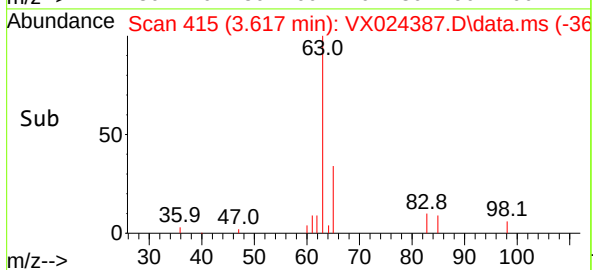
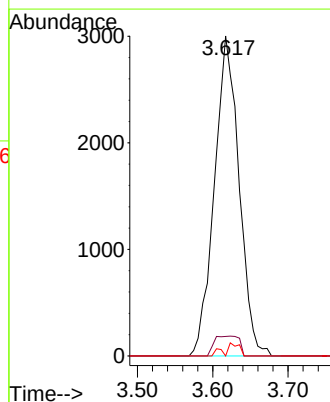
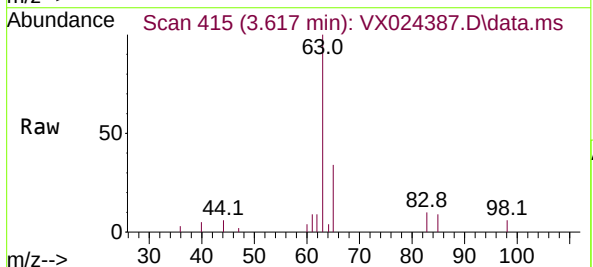
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

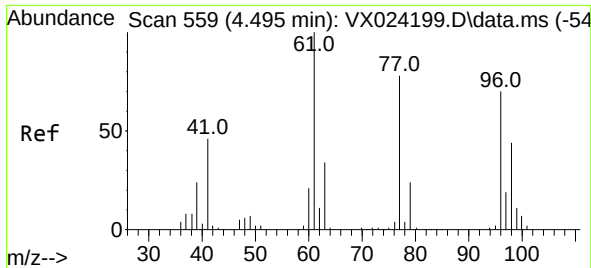
Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 20.0 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 2.328 ug/l m
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion: 63 Resp: 6821
Ion Ratio Lower Upper
63 100
98 6.1 3.8 11.2
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 3.424 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX024387.D

Acq: 21 Sep 2021 15:38

Tgt Ion: 96 Resp: 6057

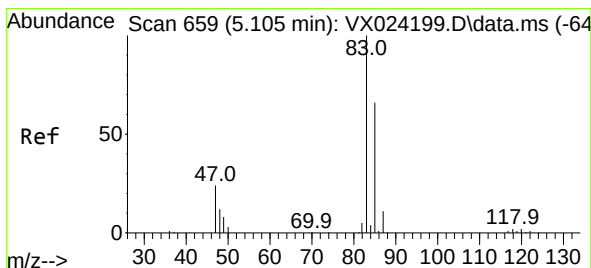
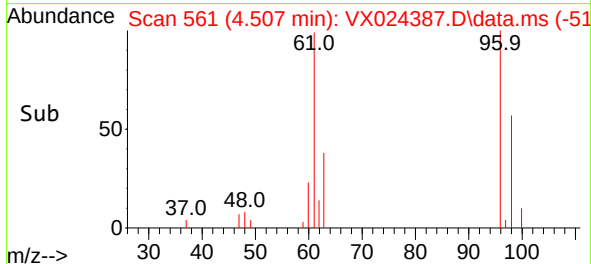
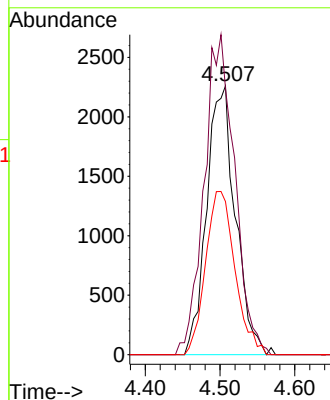
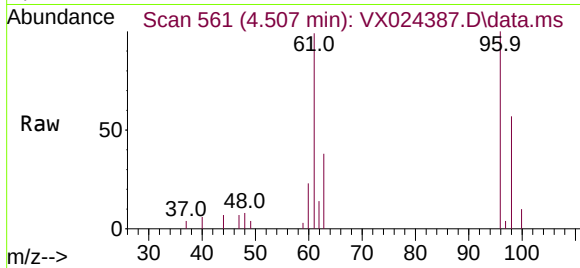
Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	285.6
98	62.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20210915



#30

Chloroform

Concen: 0.896 ug/l

RT: 5.111 min Scan# 660

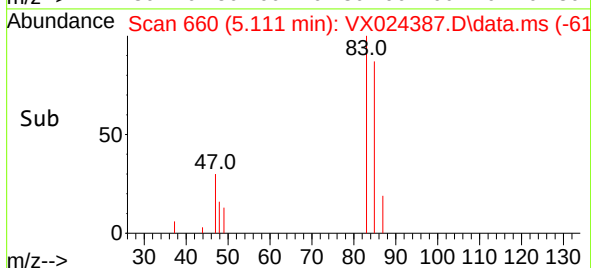
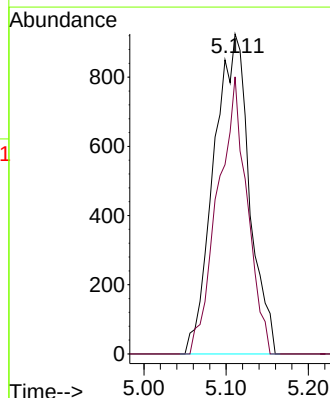
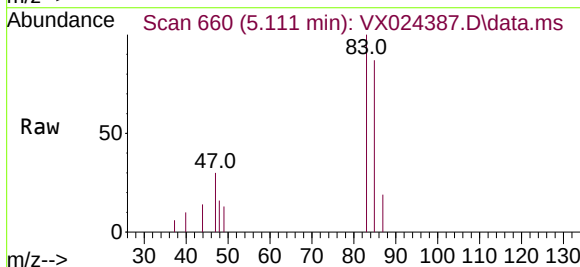
Delta R.T. 0.006 min

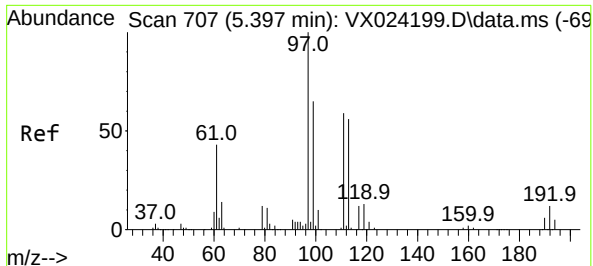
Lab File: VX024387.D

Acq: 21 Sep 2021 15:38

Tgt Ion: 83 Resp: 2791

Ion	Ratio	Lower	Upper
83	100		
85	86.6	52.0	78.0#

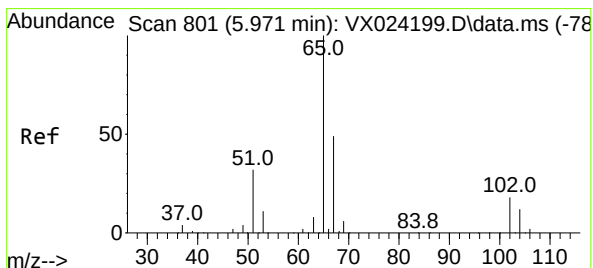
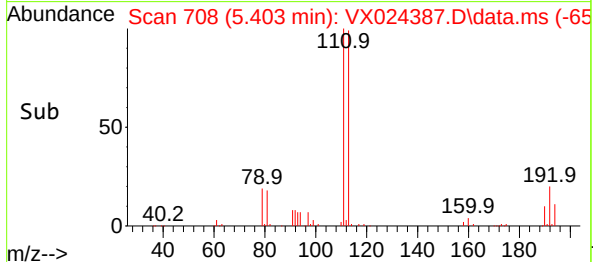
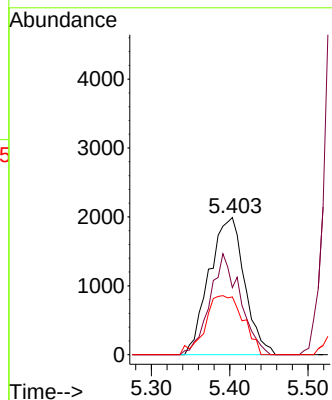
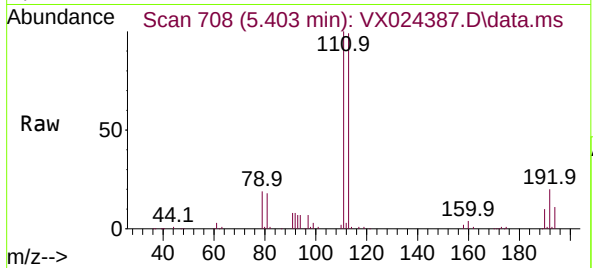




#32
1,1,1-Trichloroethane
Concen: 2.237 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

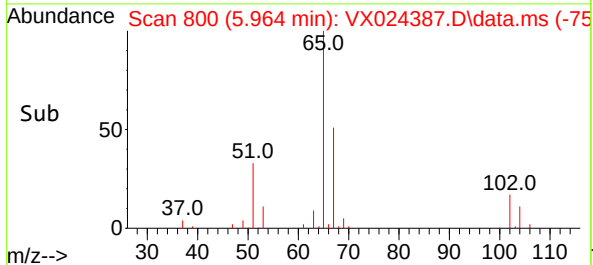
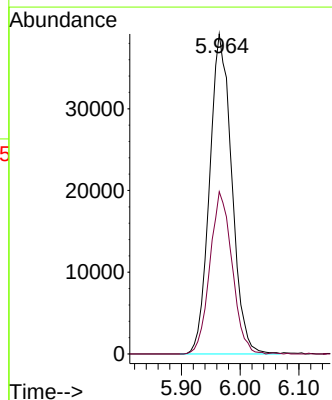
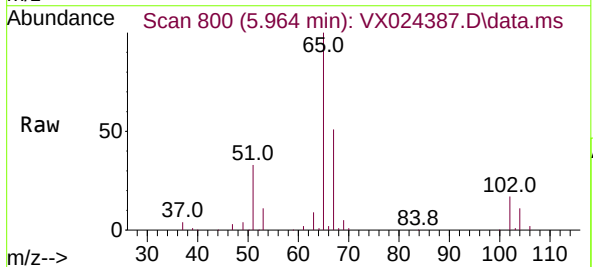
Instrument :
MSVOA_X
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DUP05-20210915

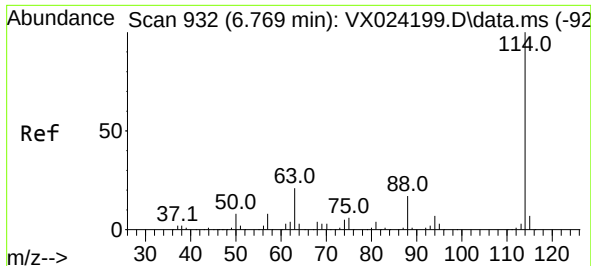
Tgt Ion: 97 Resp: 6239
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 46.0 34.2 51.4



#33
1,2-Dichloroethane-d4
Concen: 47.536 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion: 65 Resp: 102845
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

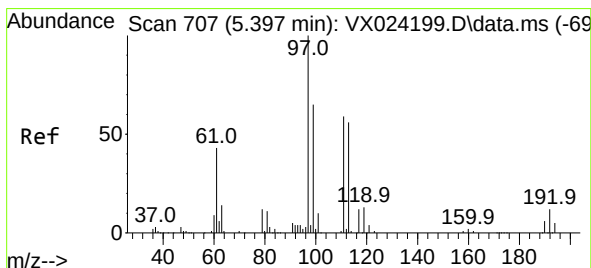
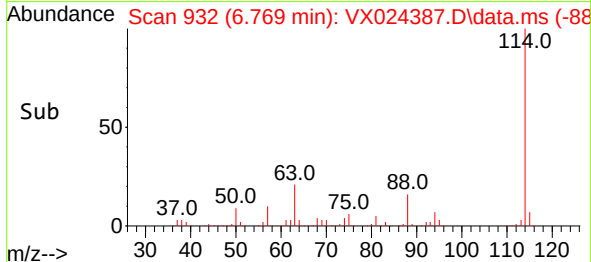
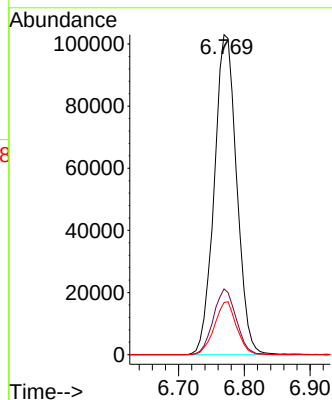
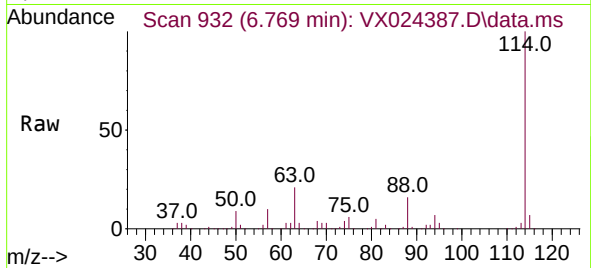




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

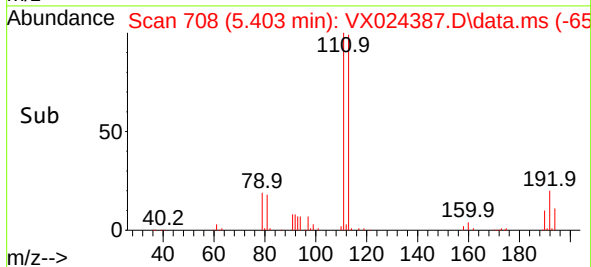
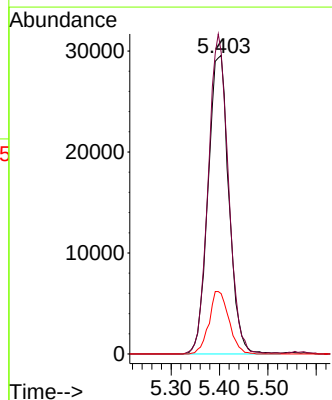
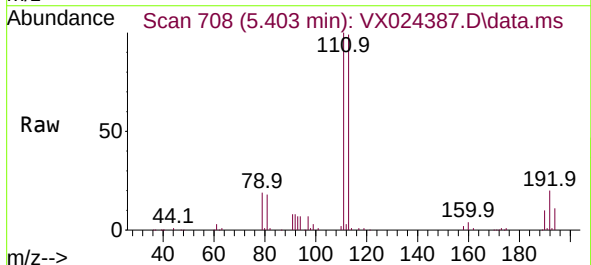
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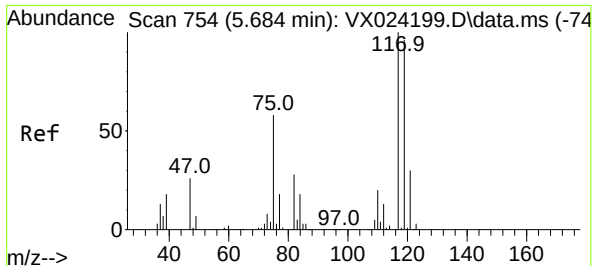
Tgt Ion:114 Resp: 244703
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.881 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion:113 Resp: 88424
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.0 16.7 25.1

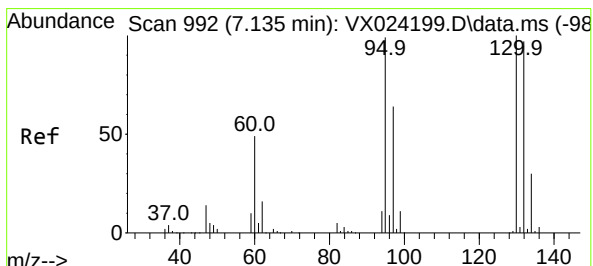
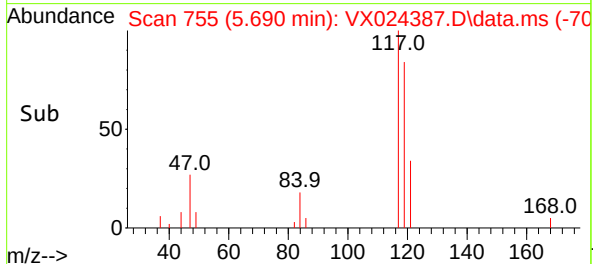
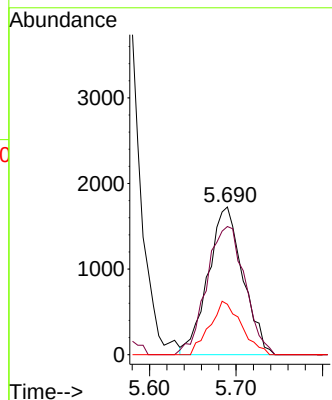
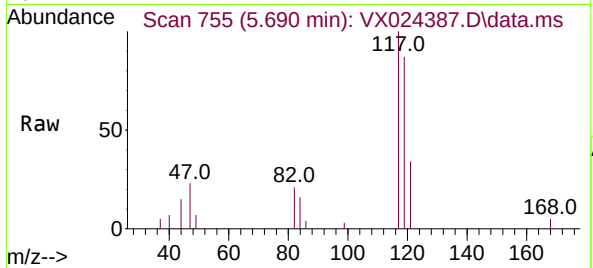




#38
Carbon Tetrachloride
Concen: 1.902 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

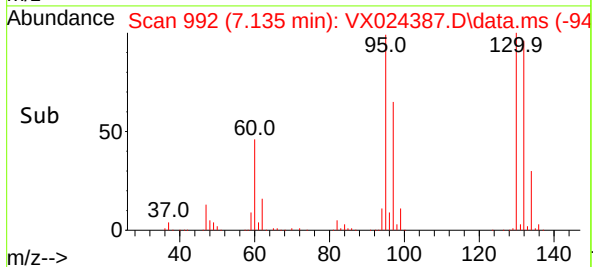
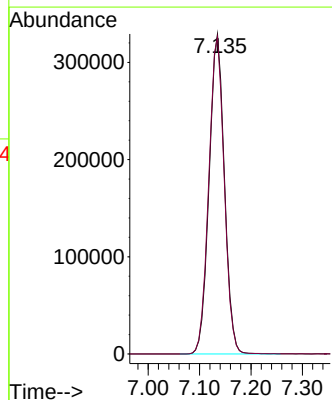
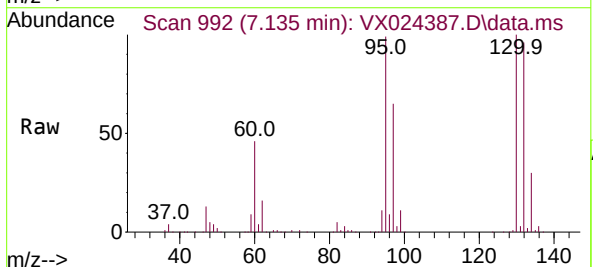
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

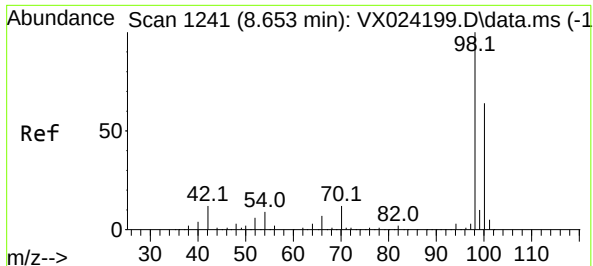
Tgt Ion:117 Resp: 4817
Ion Ratio Lower Upper
117 100
119 86.8 76.2 114.2
121 34.2 24.8 37.2



#44
Trichloroethene
Concen: 375.394 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion:130 Resp: 680594
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.0

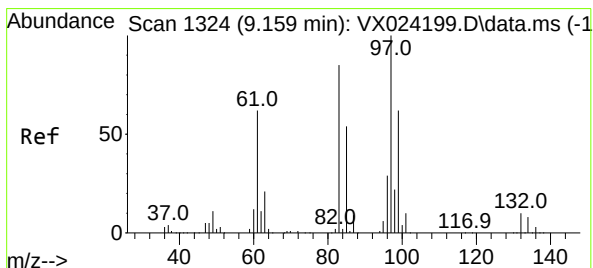
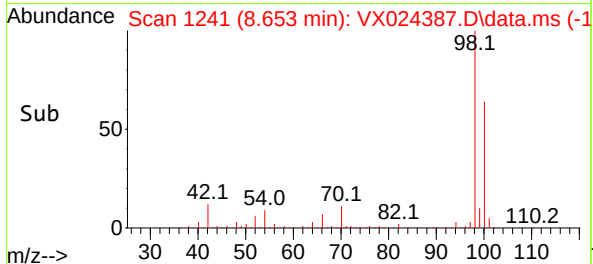
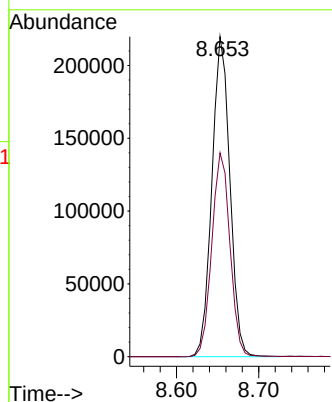
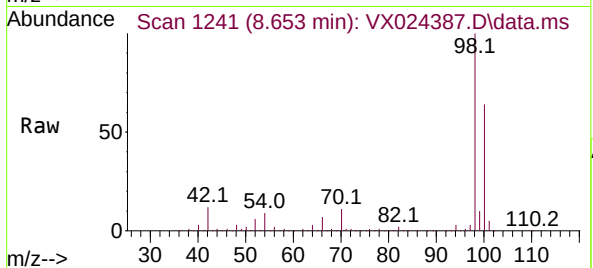




#50
Toluene-d8
Concen: 55.852 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

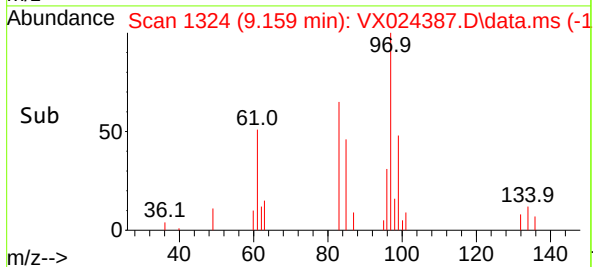
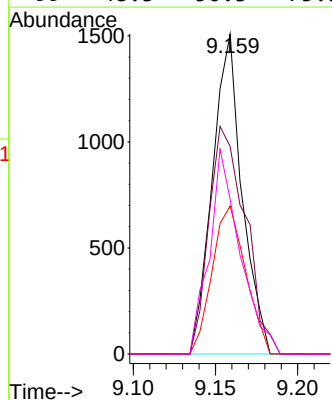
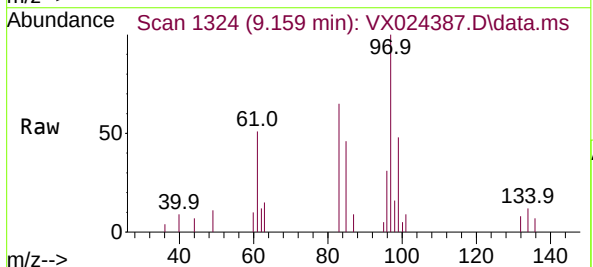
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

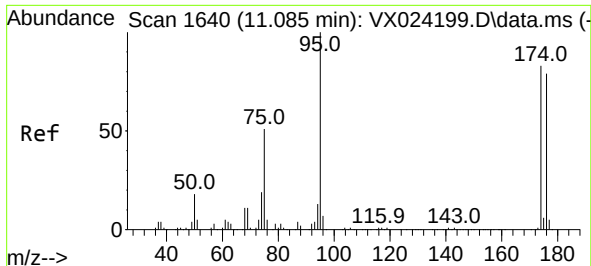
Tgt Ion: 98 Resp: 333906
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 1.052 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion: 97 Resp: 1895
Ion Ratio Lower Upper
97 100
83 64.9 69.3 103.9#
85 46.3 44.3 66.5
99 48.3 50.3 75.5#

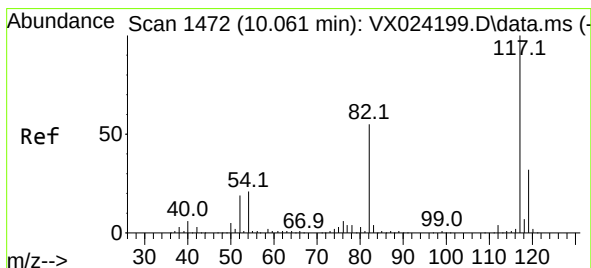
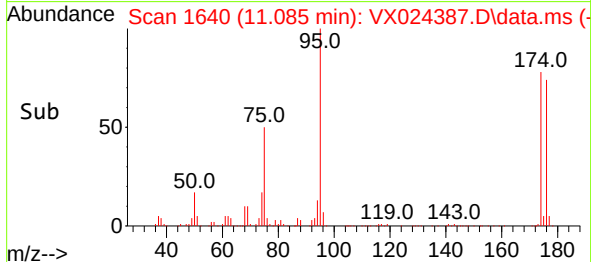
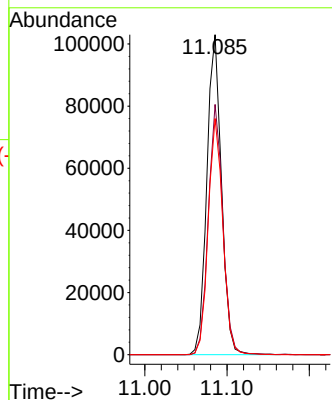
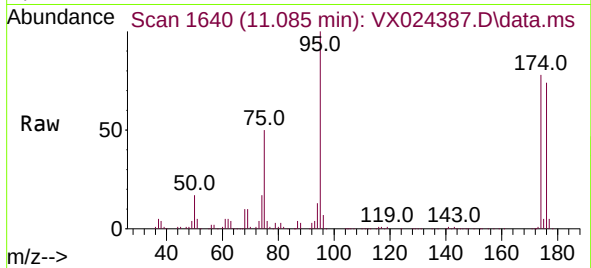




#62
4-Bromofluorobenzene
Concen: 54.635 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

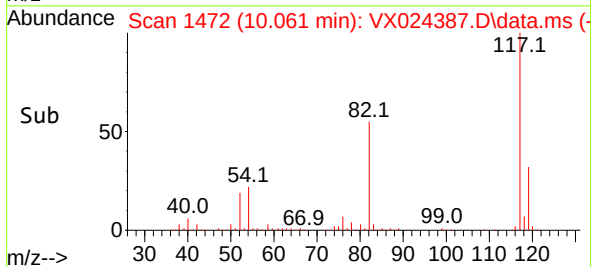
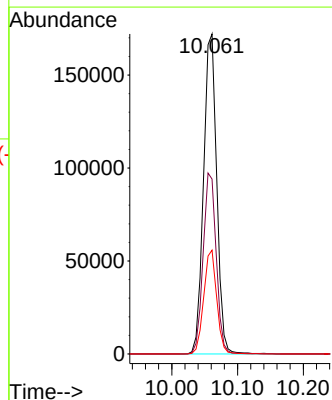
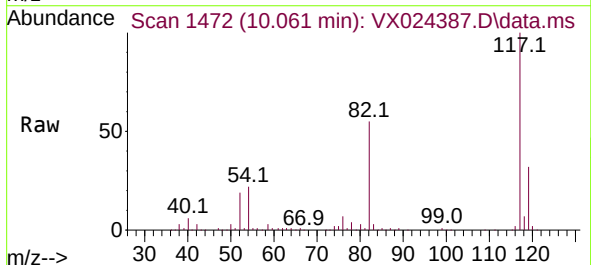
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

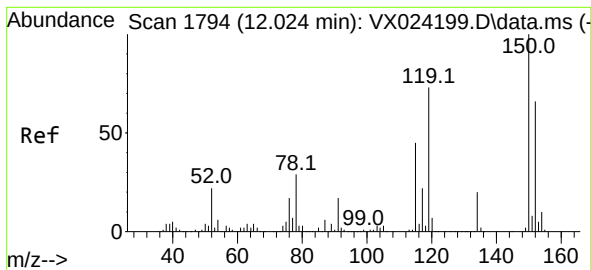
Tgt Ion: 95 Resp: 127112
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024387.D
Acq: 21 Sep 2021 15:38

Tgt Ion: 117 Resp: 240156
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024387.D
 Acq: 21 Sep 2021 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210915

Tgt Ion:152 Resp: 111646
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.1 123.3
 150 160.8 0.0 349.0

