

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022284.D
 Acq On : 29 May 2021 04:38
 Operator : JC/MD
 Sample : M2517-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1917

Quant Time: May 29 06:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

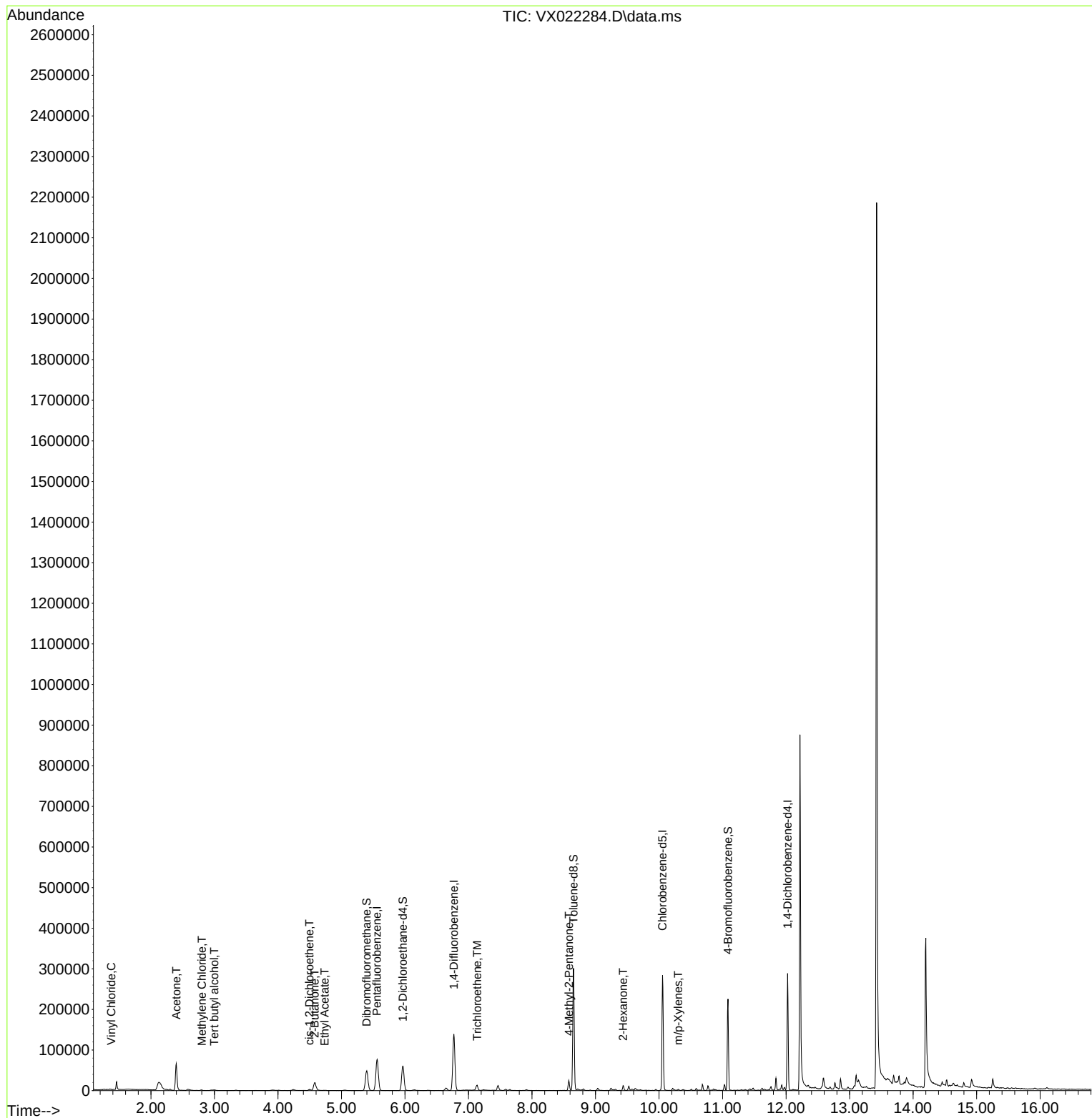
Internal Standards						
1) Pentafluorobenzene	5.556	168	65728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55745	54.98	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.96%
35) Dibromofluoromethane	5.397	113	42096	47.28	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.56%
50) Toluene-d8	8.653	98	173754	50.66	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.32%
62) 4-Bromofluorobenzene	11.085	95	62109	48.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.98%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	278	0.30	ug/l	100
11) Tert butyl alcohol	2.995	59	2881	12.42	ug/l	96
16) Acetone	2.398	43	74101	167.85	ug/l	93
20) Methylene Chloride	2.800	84	712	0.73	ug/l #	87
25) 2-Butanone	4.574	43	32800	45.92	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	1634	1.64	ug/l	89
37) Ethyl Acetate	4.733	43	1205	0.76	ug/l #	81
44) Trichloroethene	7.135	130	4051	4.08	ug/l	83
51) 4-Methyl-2-Pentanone	8.580	43	14631	9.38	ug/l	90
59) 2-Hexanone	9.433	43	6391	5.45	ug/l	97
68) m/p-Xylenes	10.299	106	659	0.37	ug/l	98

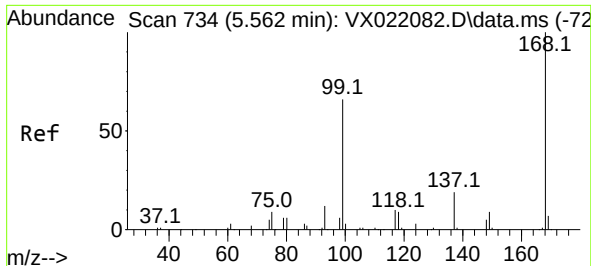
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 19 14:23:10 2021
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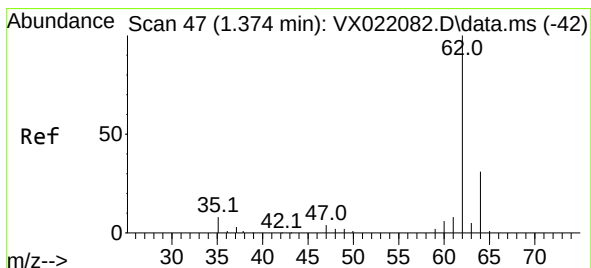
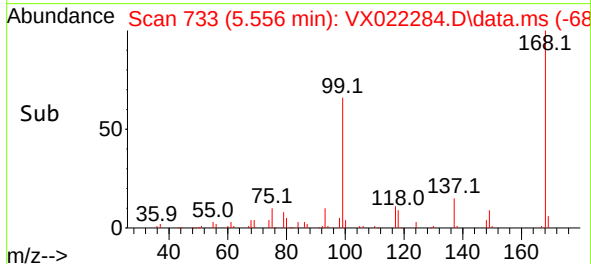
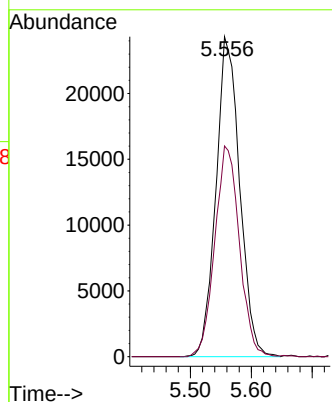
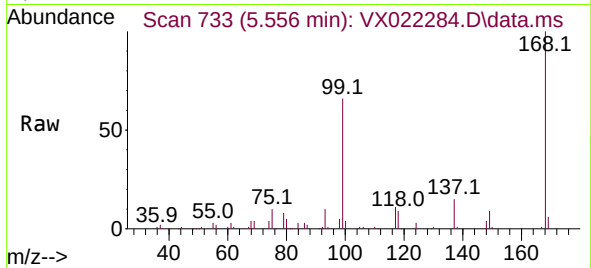




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

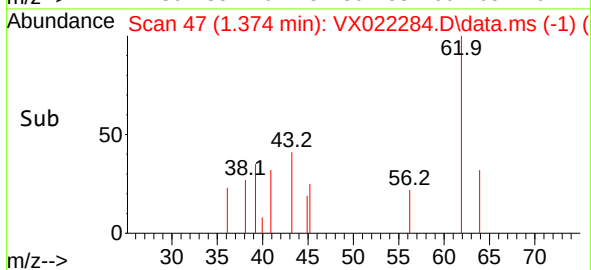
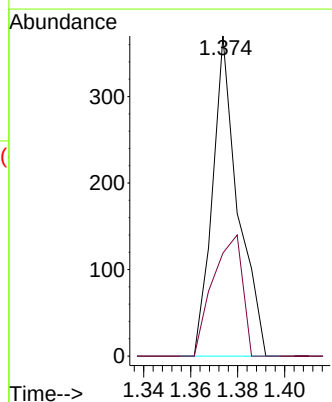
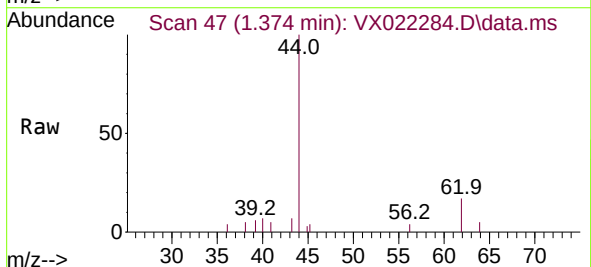
Instrument :
MSVOA_X
ClientSampleId :
1917

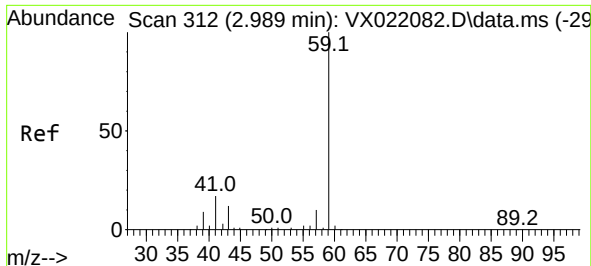
Tgt Ion:168 Resp: 65728
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#4
Vinyl Chloride
Concen: 0.30 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 62 Resp: 278
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

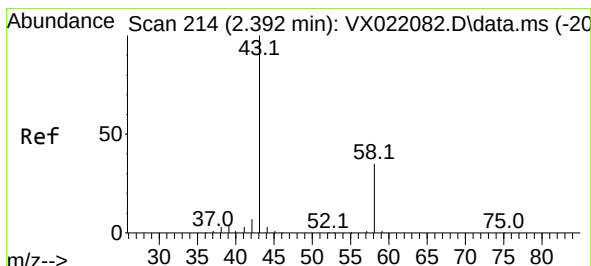
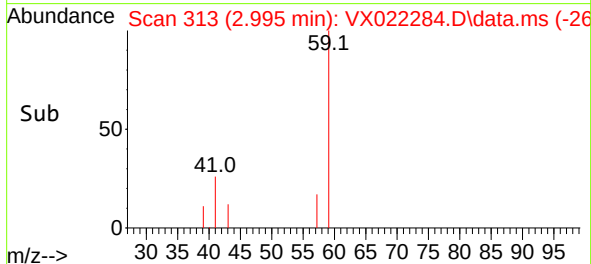
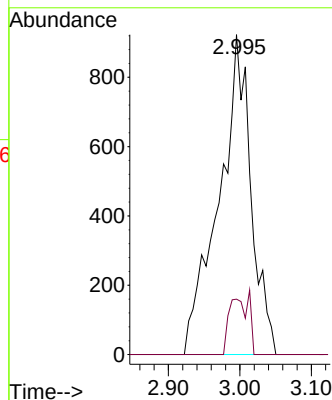
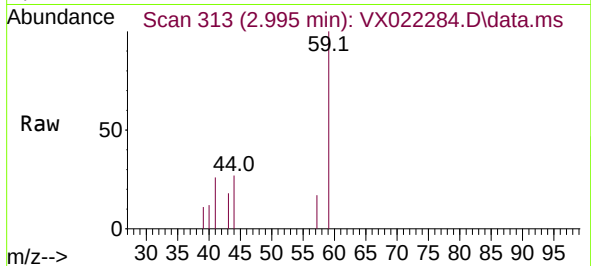




#11
Tert butyl alcohol
Concen: 12.42 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

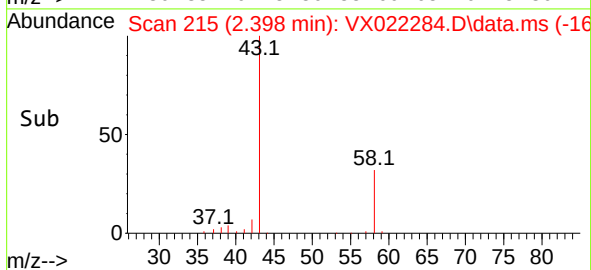
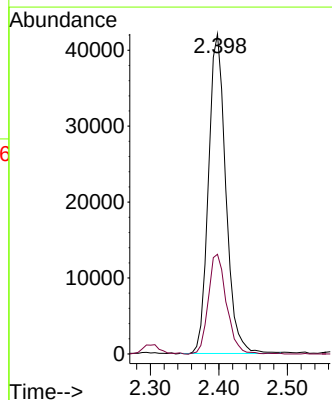
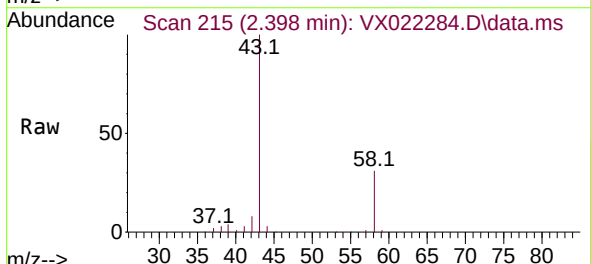
Instrument :
MSVOA_X
ClientSampled :
1917

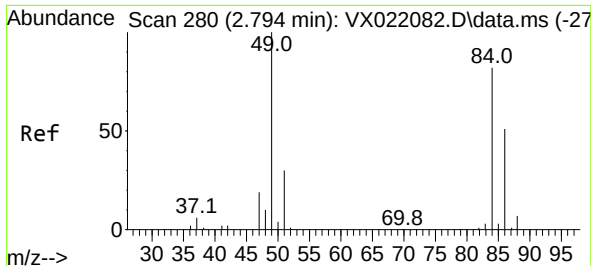
Tgt Ion: 59 Resp: 2881
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8



#16
Acetone
Concen: 167.85 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 43 Resp: 74101
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8





#20

Methylene Chloride

Concen: 0.73 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

Instrument :
MSVOA_X
ClientSampled :
1917

Tgt Ion: 84 Resp: 712

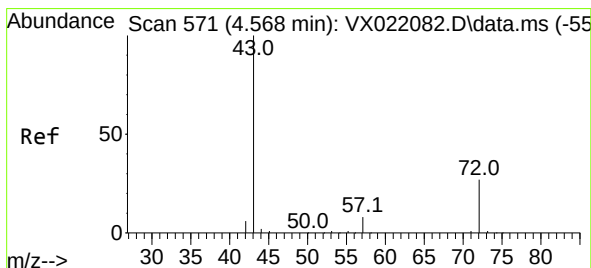
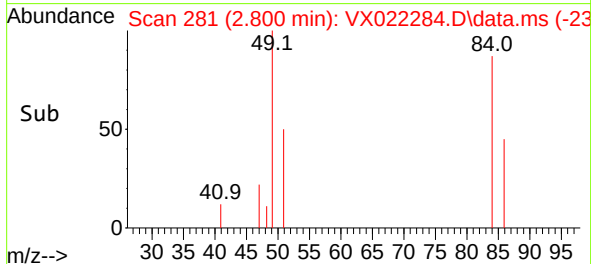
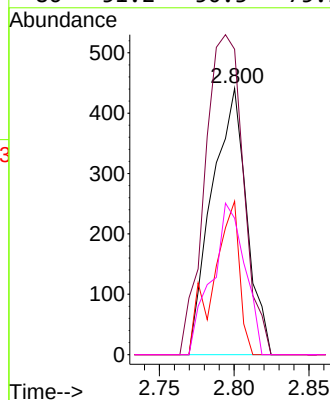
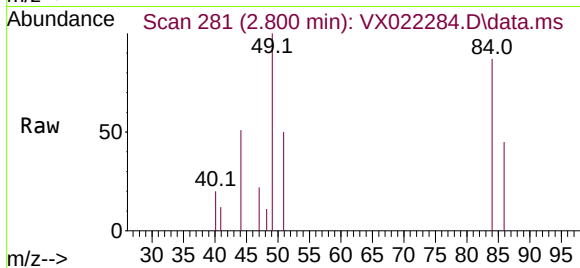
Ion Ratio Lower Upper

84 100

49 114.7 88.6 132.8

51 57.6 27.0 40.6#

86 51.2 50.3 75.5



#25

2-Butanone

Concen: 45.92 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022284.D

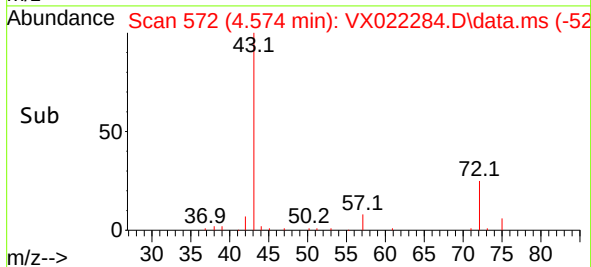
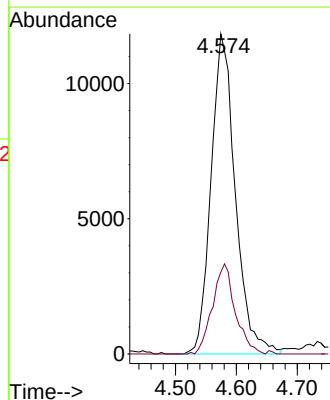
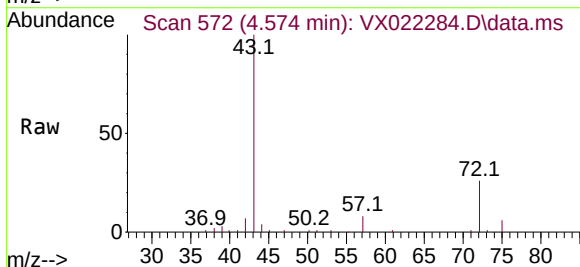
Acq: 29 May 2021 04:38

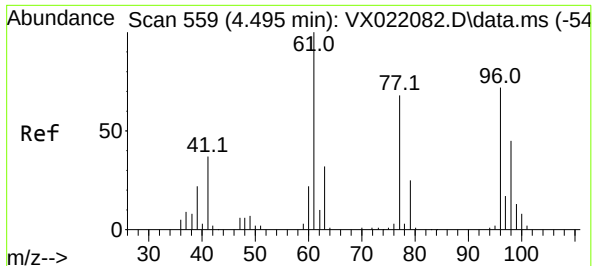
Tgt Ion: 43 Resp: 32800

Ion Ratio Lower Upper

43 100

72 25.6 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 1.64 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

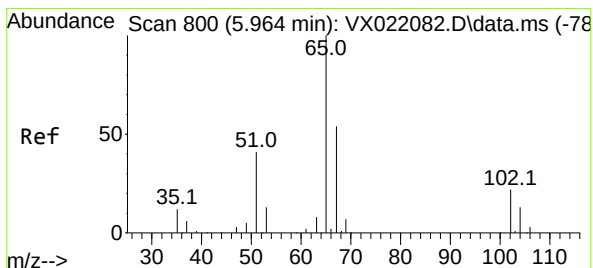
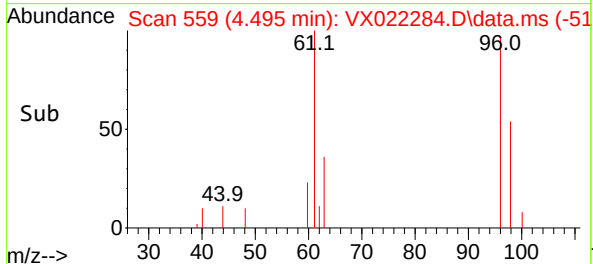
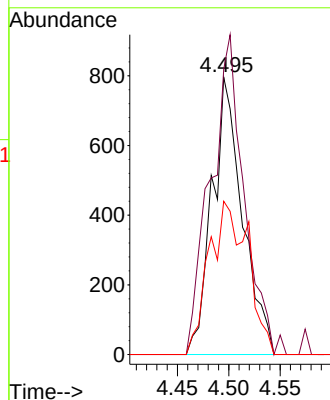
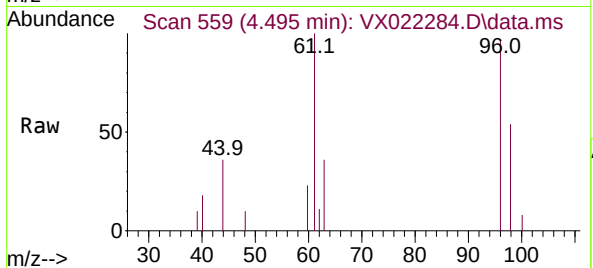
Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 96 Resp: 1634

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	285.6
98	70.9	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
1917



#33

1,2-Dichloroethane-d4

Concen: 54.98 ug/l

RT: 5.964 min Scan# 800

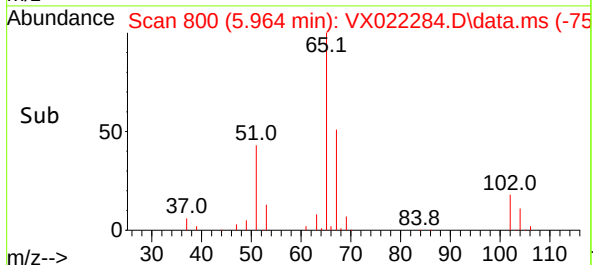
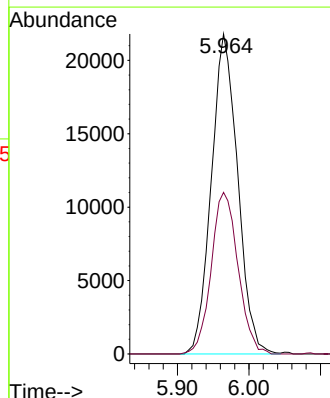
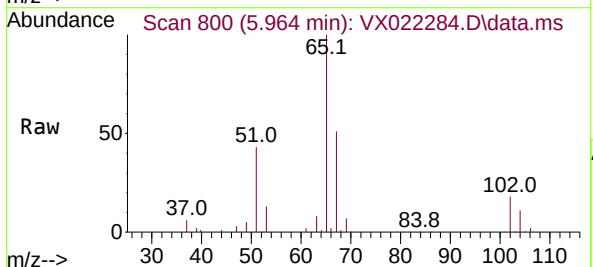
Delta R.T. 0.000 min

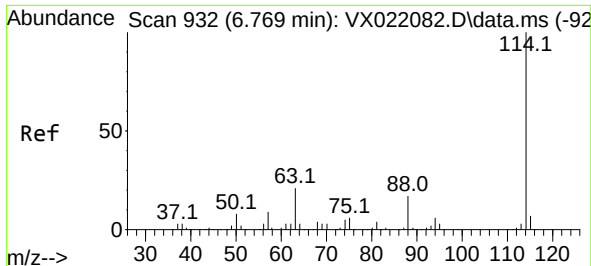
Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 65 Resp: 55745

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.4

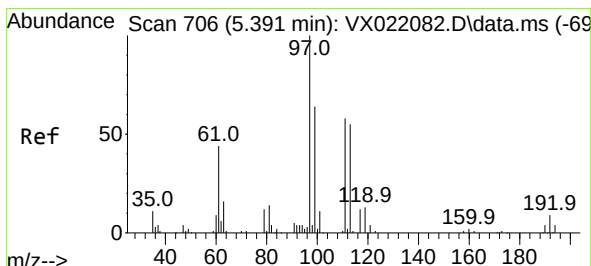
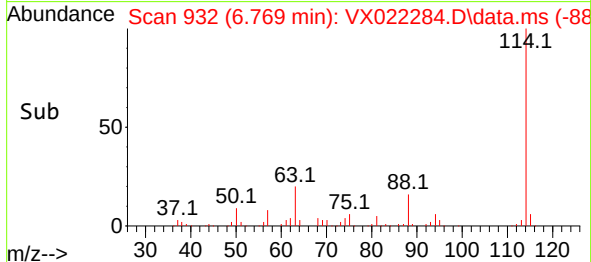
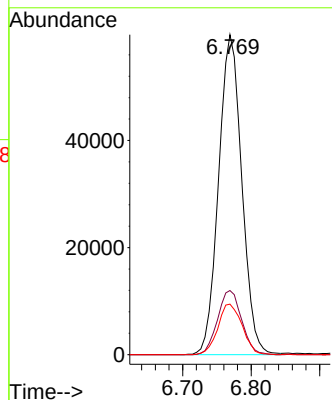
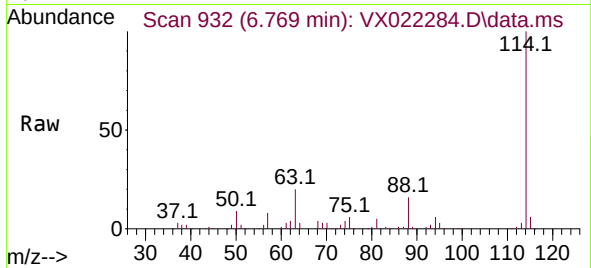




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

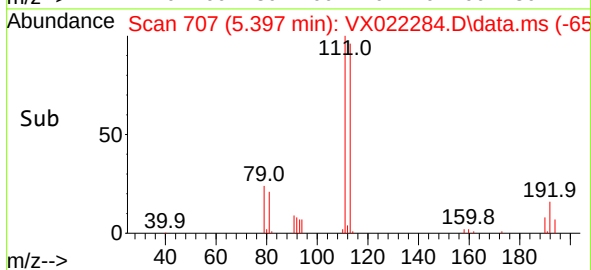
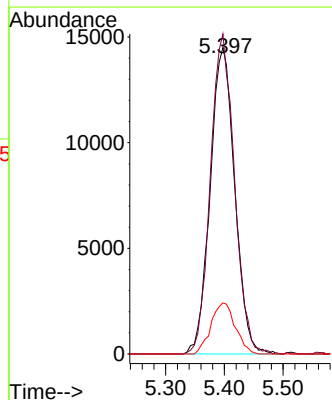
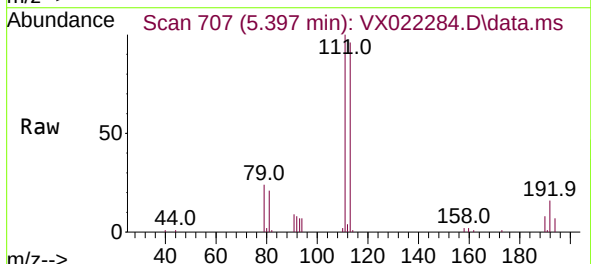
Instrument :
MSVOA_X
ClientSampled :
1917

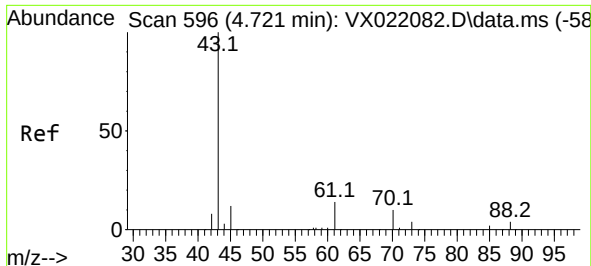
Tgt Ion:114 Resp: 140399
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion:113 Resp: 42096
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 16.5 16.7 25.1#





#37

Ethyl Acetate

Concen: 0.76 ug/l

RT: 4.733 min Scan# 598

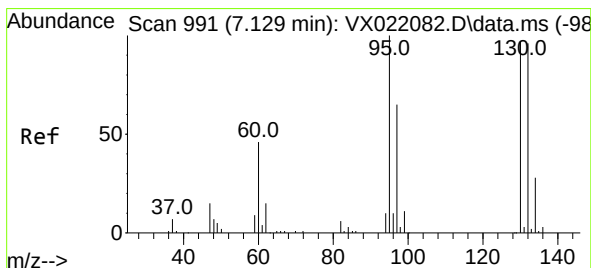
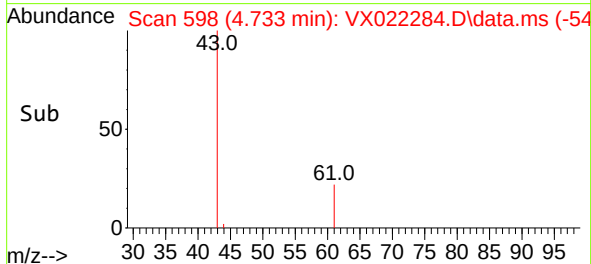
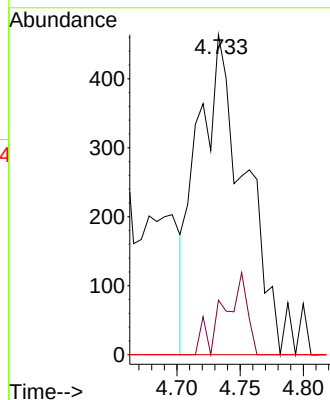
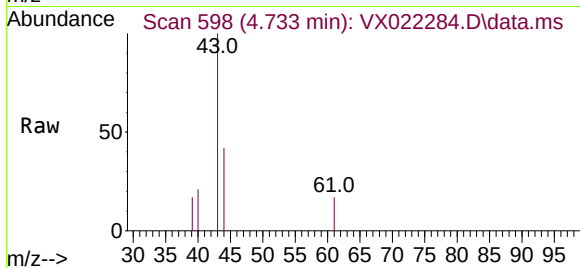
Delta R.T. 0.012 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 43	Resp:	1205
Ion Ratio	Lower	Upper
43	100	
61	13.0	12.8 19.2
70	0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampled :
1917



#44

Trichloroethene

Concen: 4.08 ug/l

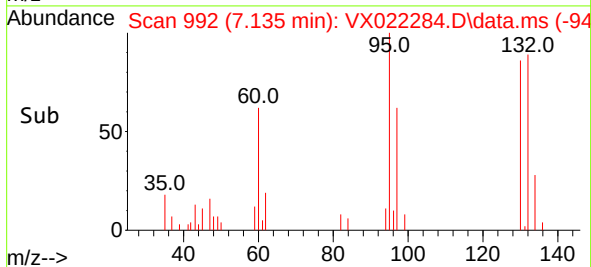
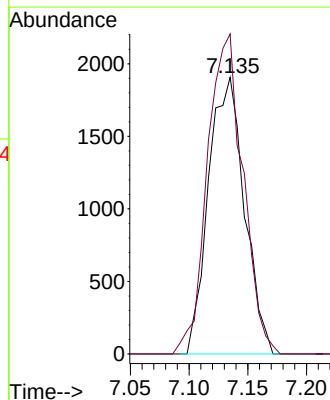
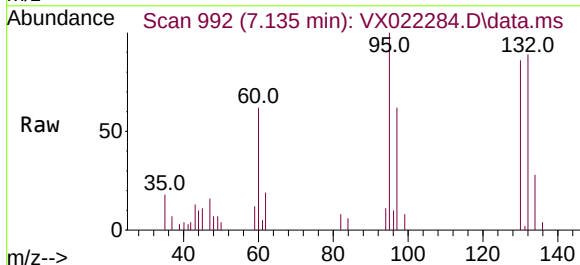
RT: 7.135 min Scan# 992

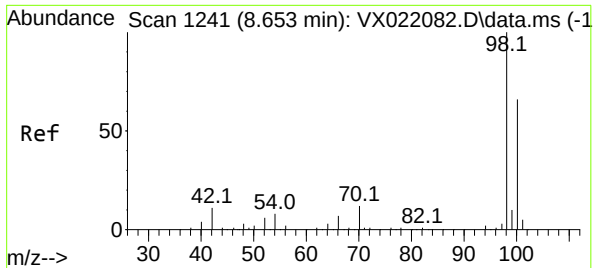
Delta R.T. 0.006 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 130	Resp:	4051
Ion Ratio	Lower	Upper
130	100	
95	115.7	0.0 198.0

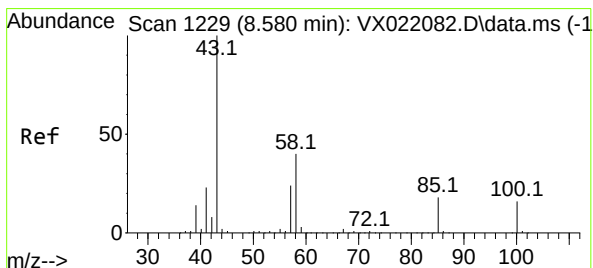
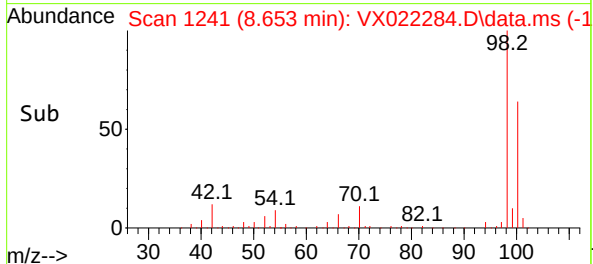
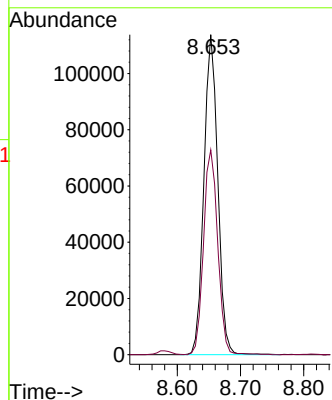
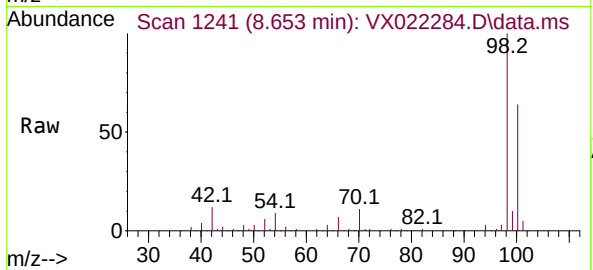




#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

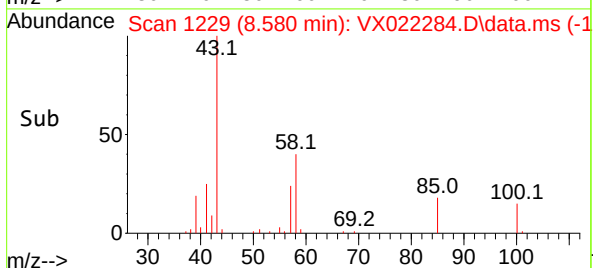
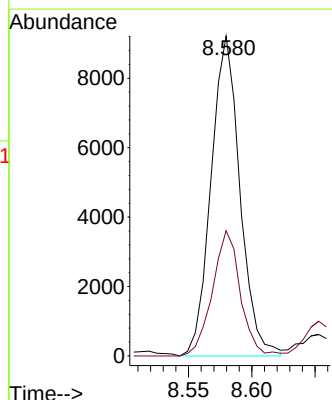
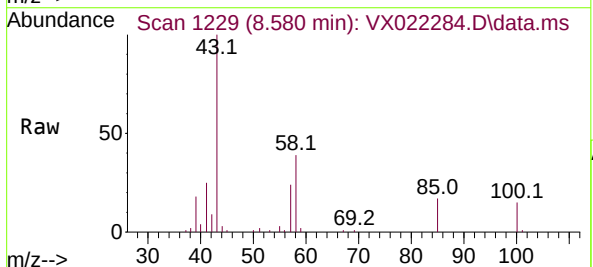
Instrument :
MSVOA_X
ClientSampleId :
1917

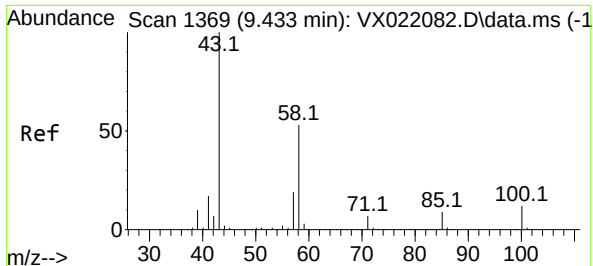
Tgt Ion: 98 Resp: 173754
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 9.38 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 43 Resp: 14631
Ion Ratio Lower Upper
43 100
58 37.8 35.4 53.0

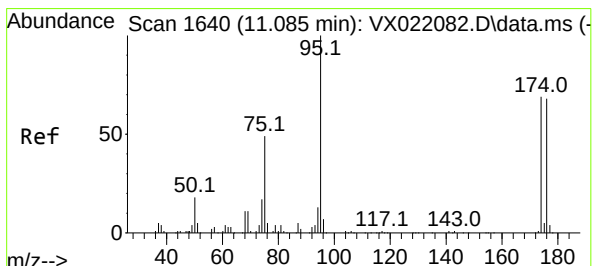
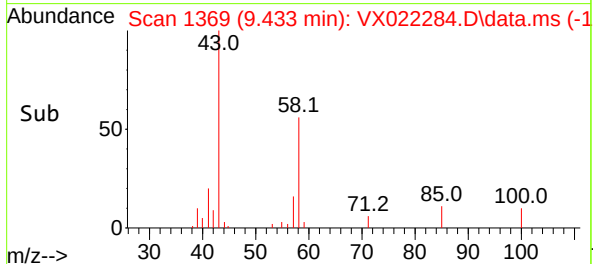
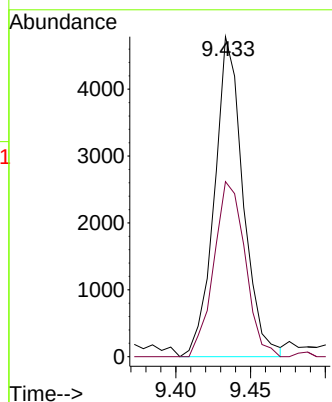
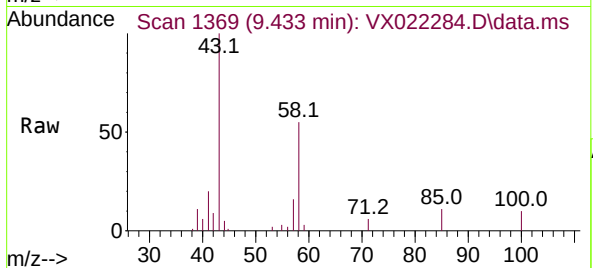




#59
2-Hexanone
Concen: 5.45 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

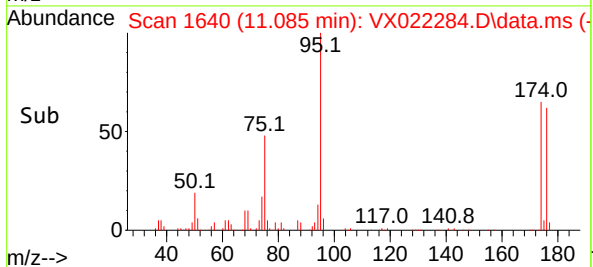
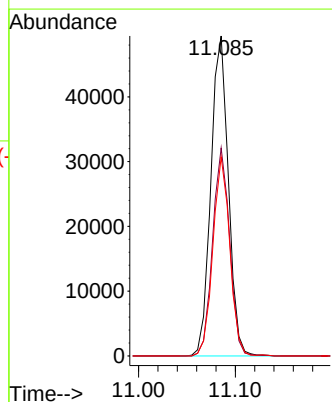
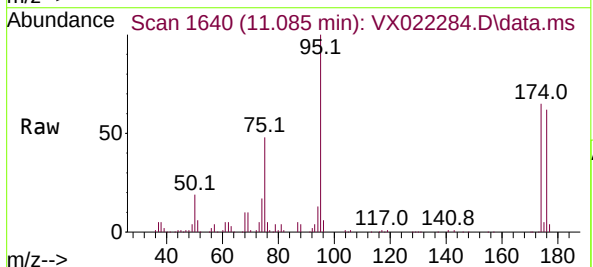
Instrument :
MSVOA_X
ClientSampled :
1917

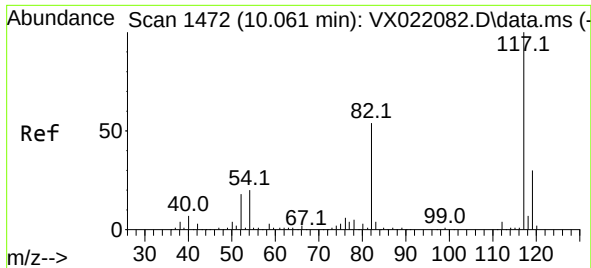
Tgt Ion: 43 Resp: 6391
Ion Ratio Lower Upper
43 100
58 59.5 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 95 Resp: 62109
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 59.9 0.0 155.8

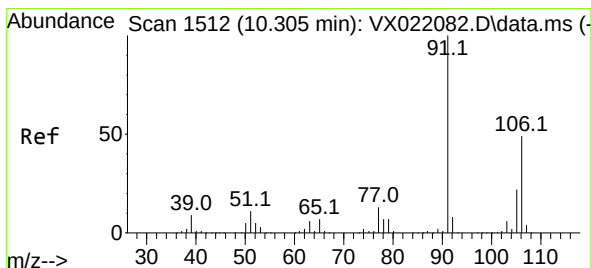
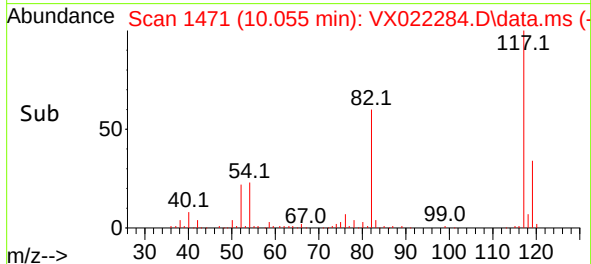
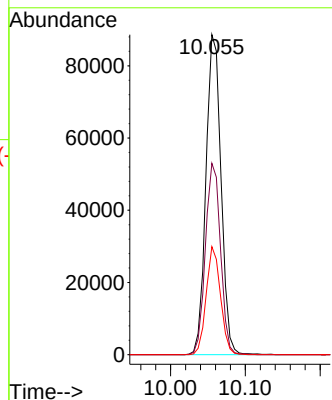
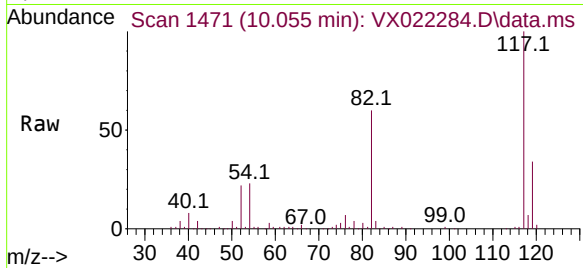




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

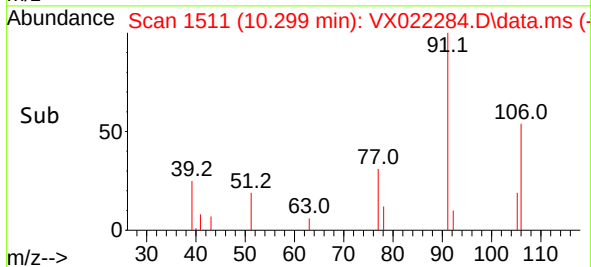
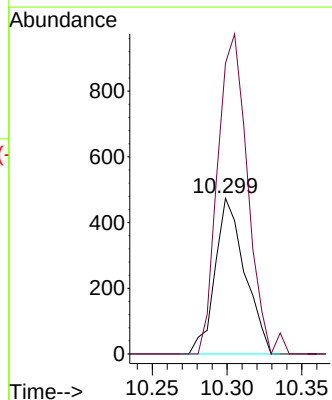
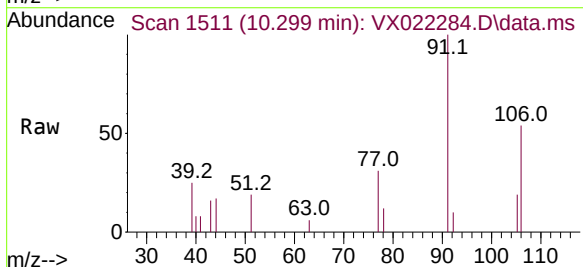
Instrument :
MSVOA_X
ClientSampled :
1917

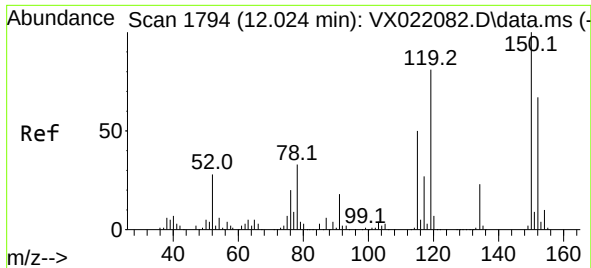
Tgt Ion:117 Resp: 124290
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 33.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion:106 Resp: 659
Ion Ratio Lower Upper
106 100
91 206.5 162.8 244.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022284.D
 Acq: 29 May 2021 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 1917

Tgt Ion:152 Resp: 51178
 Ion Ratio Lower Upper
 152 100
 115 67.4 41.1 123.3
 150 160.1 0.0 349.0

