

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022364.D
 Acq On : 03 Jun 2021 14:26
 Operator : JC/MD
 Sample : M2572-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:50:54 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	59276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47815	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50802	55.56	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.12%
35) Dibromofluoromethane	5.391	113	36433	45.83	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.66%
50) Toluene-d8	8.653	98	156421	51.08	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.16%
62) 4-Bromofluorobenzene	11.085	95	57594	50.89	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.78%

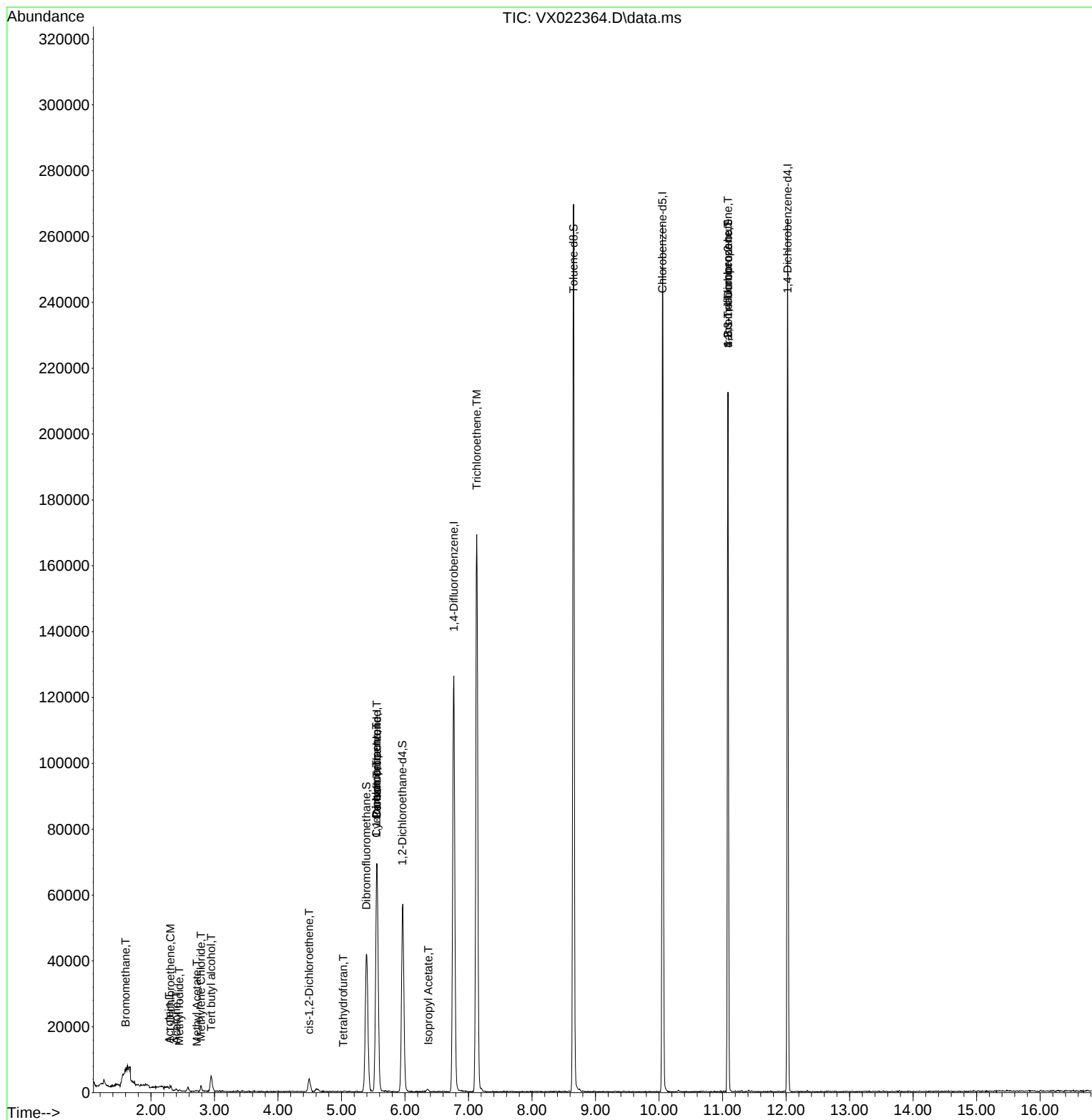
Target Compounds						Qvalue
5) Bromomethane	1.599	94	267	0.56	ug/l #	59
10) Methyl Iodide	2.446	142	156	0.21	ug/l #	68
11) Tert butyl alcohol	2.946	59	2902	13.88	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	359	0.53	ug/l	83
13) Acrolein	2.288	56	33	0.24	ug/l #	14
16) Acetone	2.398	43	699	1.76	ug/l	99
18) Methyl Acetate	2.721	43	404	0.38	ug/l #	47
20) Methylene Chloride	2.788	84	710	0.80	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	2422	2.70	ug/l	93
29) Tetrahydrofuran	5.025	42	80	0.21	ug/l #	27
31) Cyclohexane	5.550	56	1643	1.43	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	5930	5.12	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7094	6.26	ug/l #	17
43) Isopropyl Acetate	6.366	43	488	0.21	ug/l #	57
44) Trichloroethene	7.128	130	62662	70.71	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	29896	25.34	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29896	60.05	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampled :

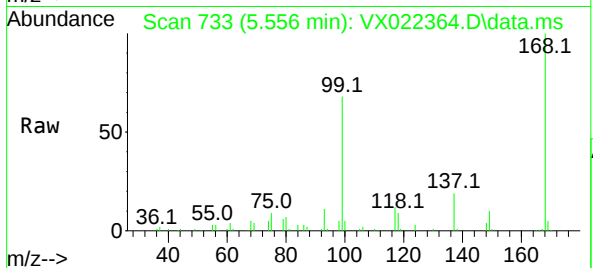
Quant Time: Jun 04 03:50:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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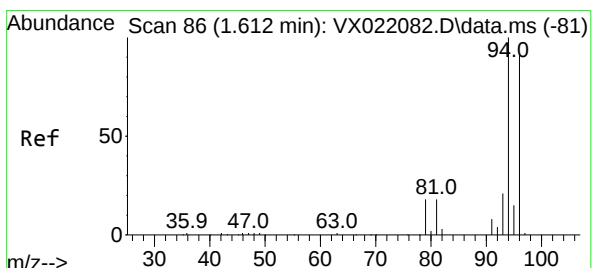
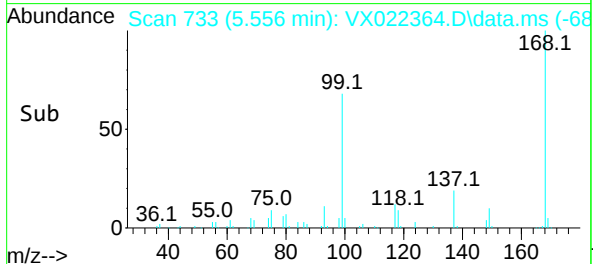
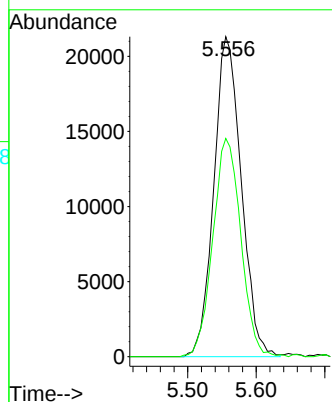


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Instrument :
MSVOA_X
ClientSampled :

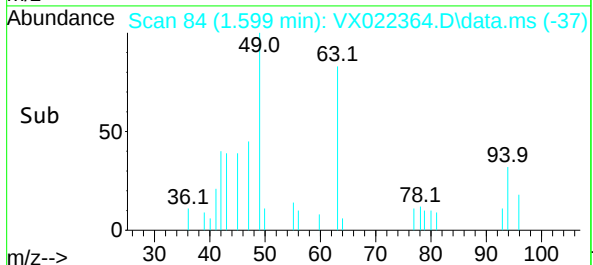
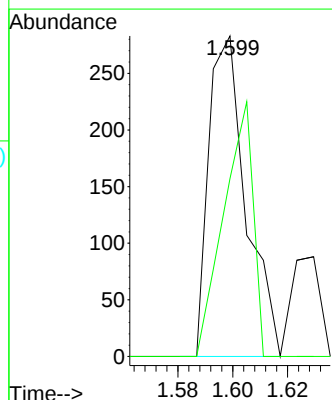
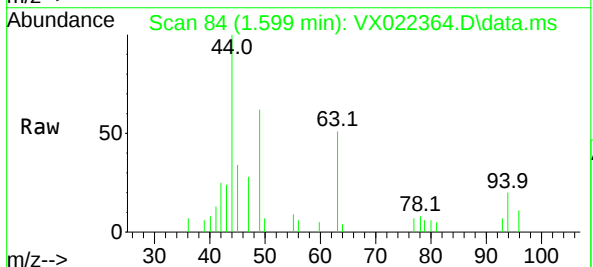


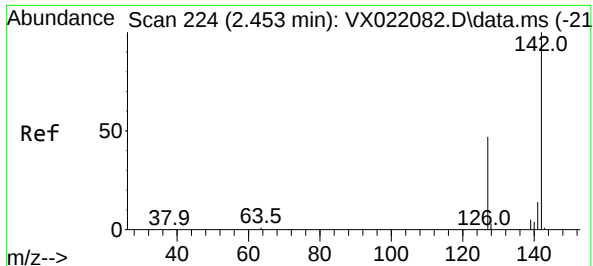
Tgt Ion:168 Resp: 59276
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 55.5 76.4 114.6#





#10

Methyl Iodide

Concen: 0.21 ug/l

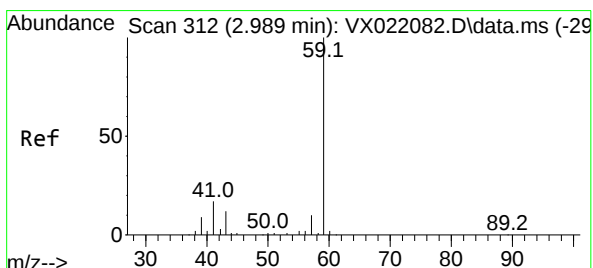
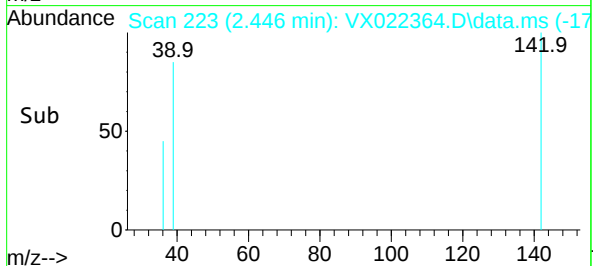
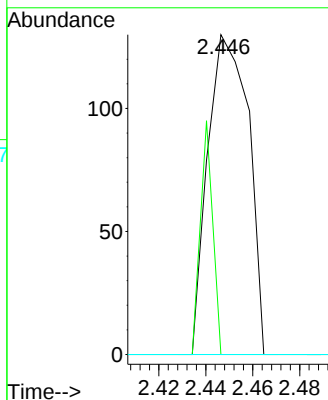
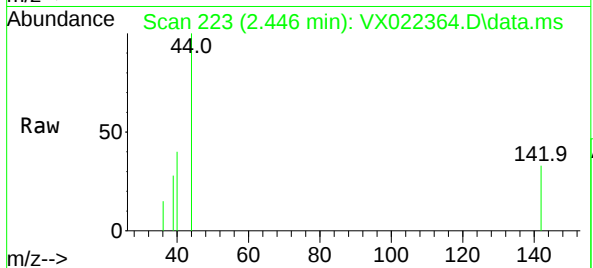
RT: 2.446 min Scan# 223

Delta R.T. -0.007 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion:	142	Resp:	156
Ion	Ratio	Lower	Upper
142	100		
127	22.4	33.3	49.9#
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 13.88 ug/l

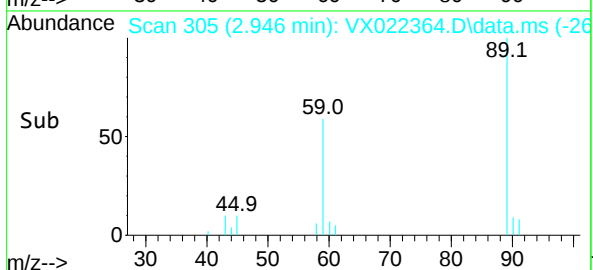
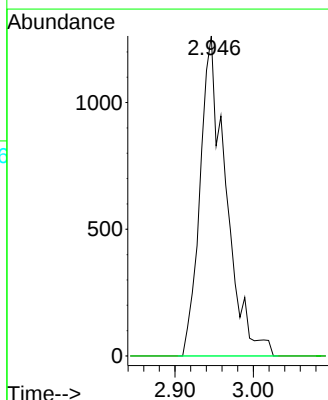
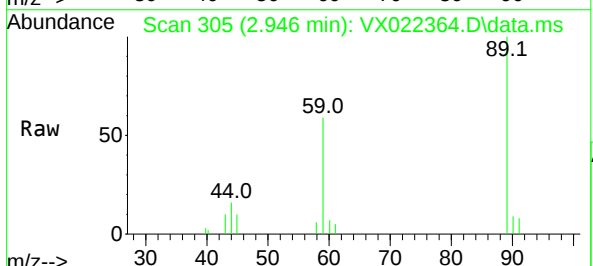
RT: 2.946 min Scan# 305

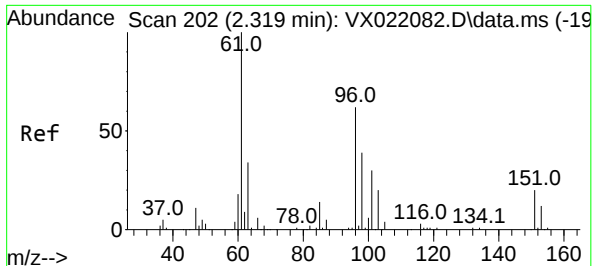
Delta R.T. -0.043 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion:	59	Resp:	2902
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#





#12

1,1-Dichloroethene

Concen: 0.53 ug/l

RT: 2.306 min Scan# 200

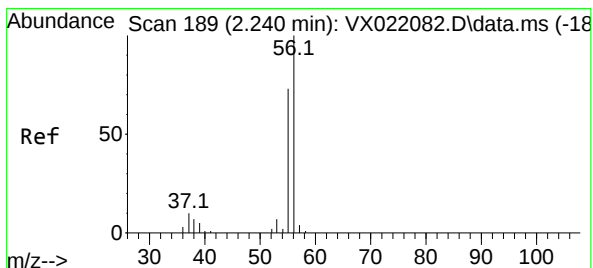
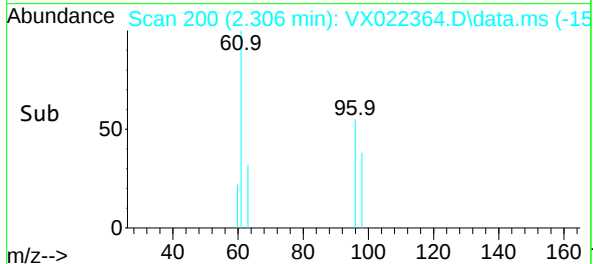
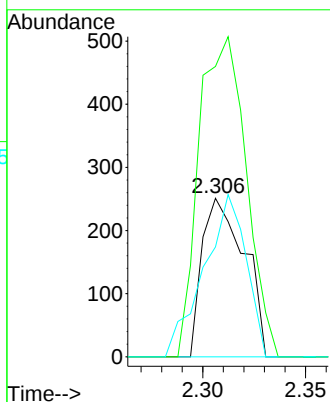
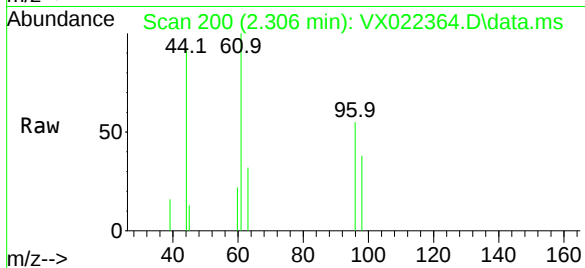
Delta R.T. -0.013 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion: 96 Resp: 359

Ion	Ratio	Lower	Upper
96	100		
61	183.3	124.6	187.0
98	69.3	50.6	76.0



#13

Acrolein

Concen: 0.24 ug/l

RT: 2.288 min Scan# 197

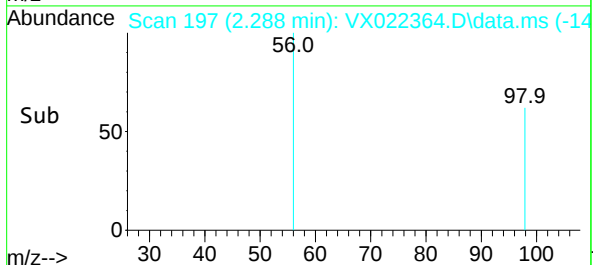
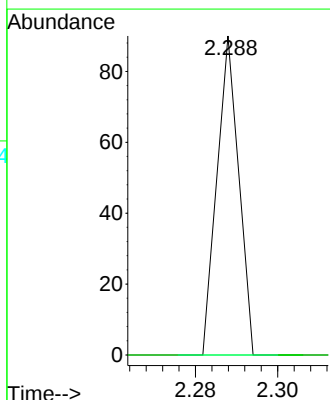
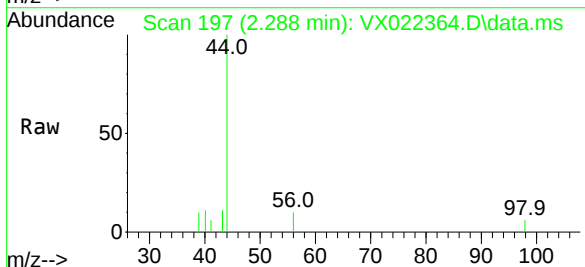
Delta R.T. 0.048 min

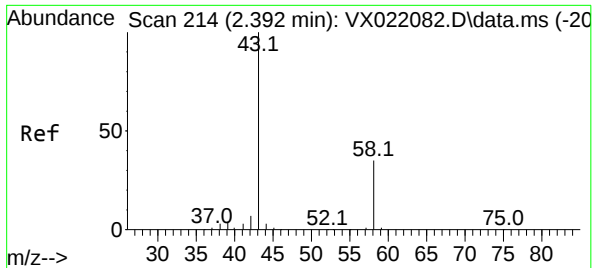
Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion: 56 Resp: 33

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#

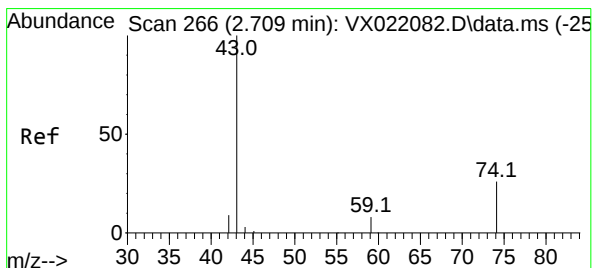
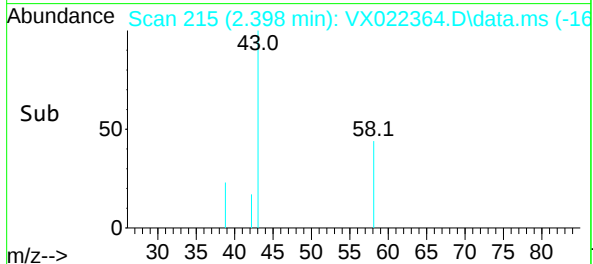
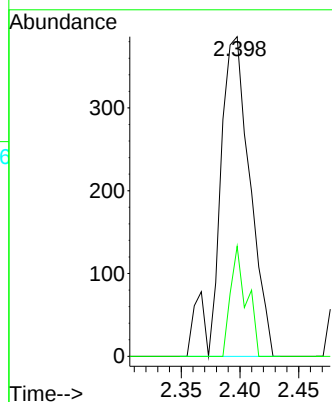
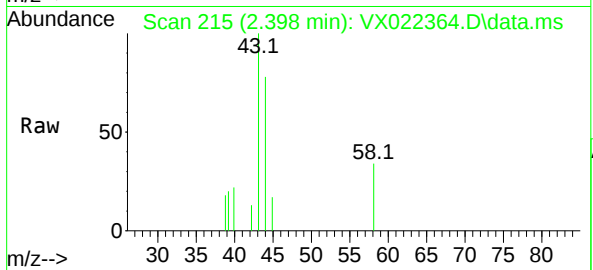




#16
Acetone
Concen: 1.76 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

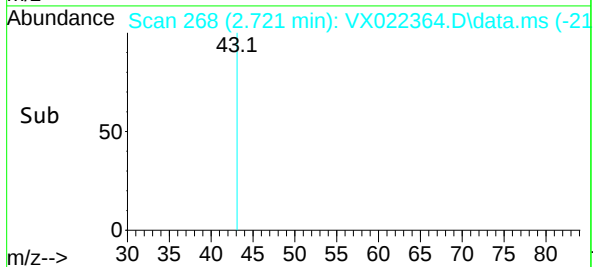
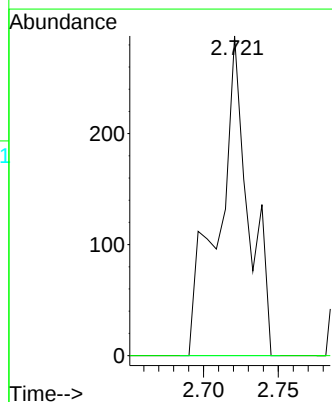
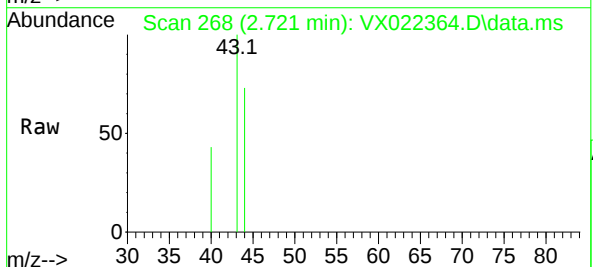
Instrument :
MSVOA_X
ClientSampled :

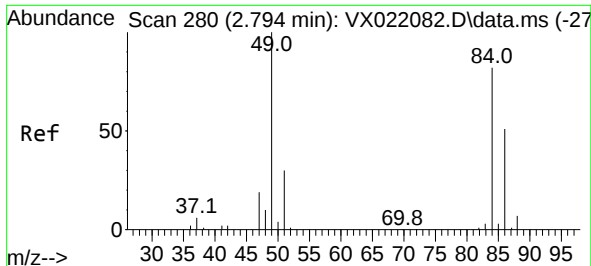
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.80 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion: 84 Resp: 710

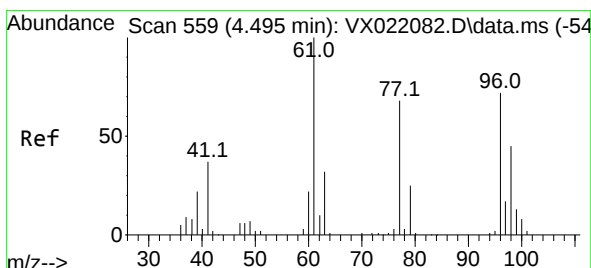
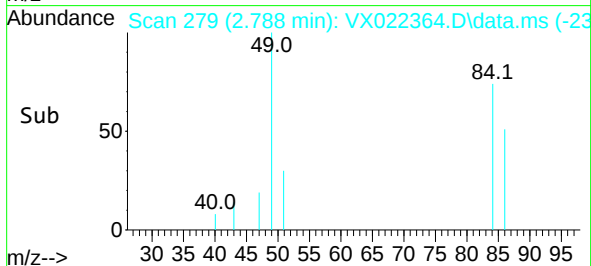
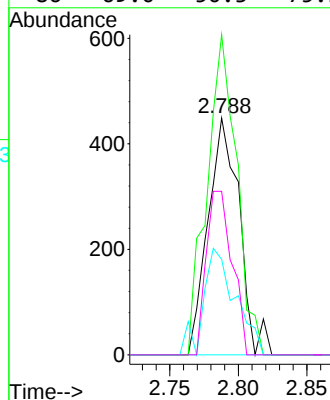
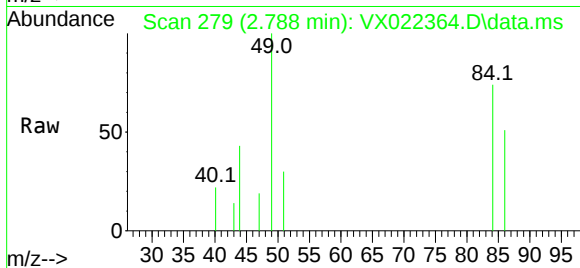
Ion Ratio Lower Upper

84 100

49 135.2 88.6 132.8#

51 40.3 27.0 40.6

86 69.0 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 2.70 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

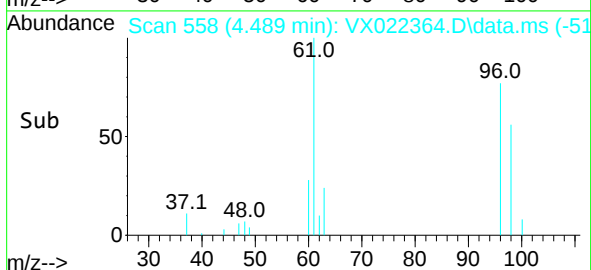
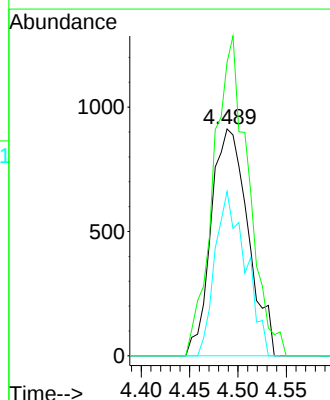
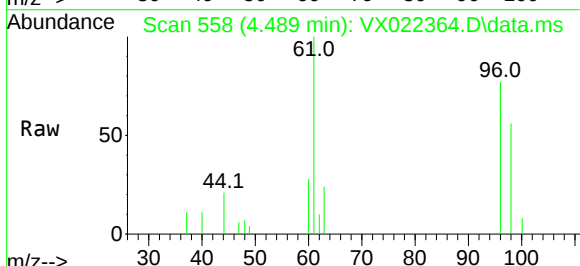
Tgt Ion: 96 Resp: 2422

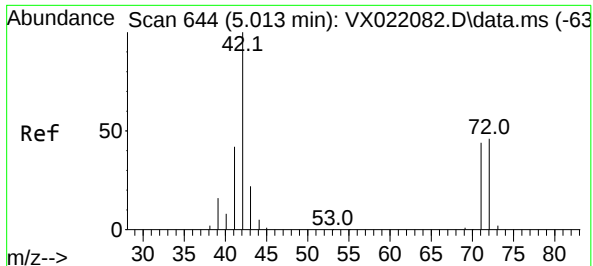
Ion Ratio Lower Upper

96 100

61 133.1 0.0 285.6

98 59.7 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.025 min Scan# 646

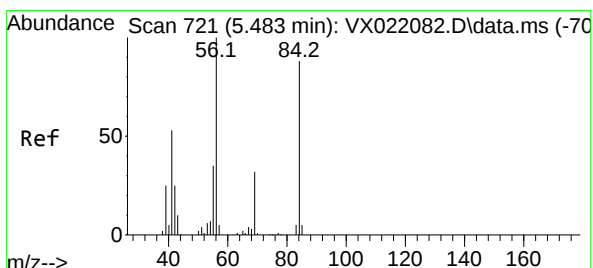
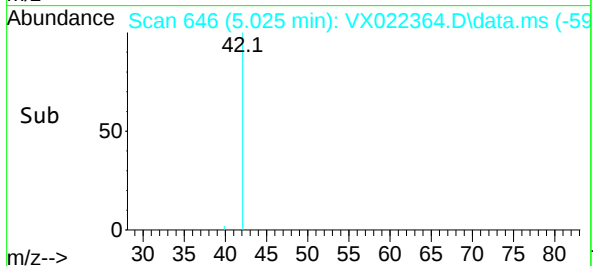
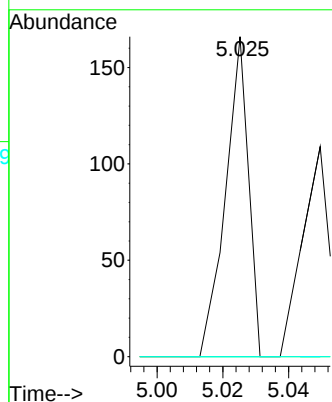
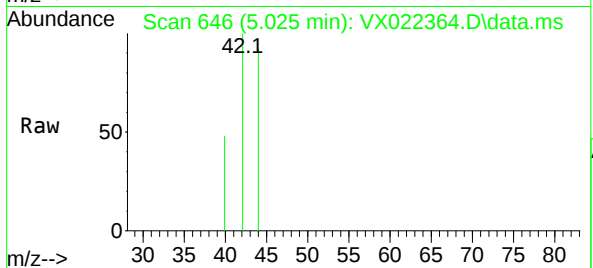
Delta R.T. 0.012 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion:	42	Resp:	80
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.43 ug/l

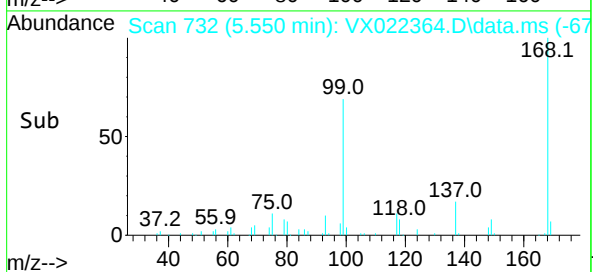
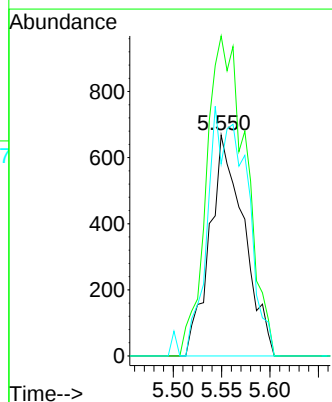
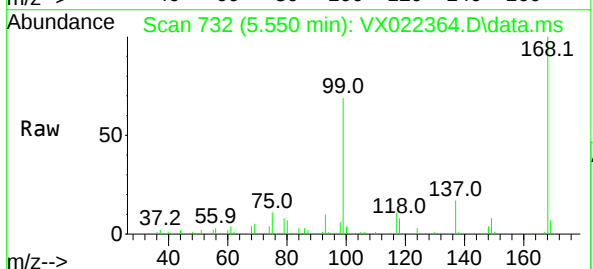
RT: 5.550 min Scan# 732

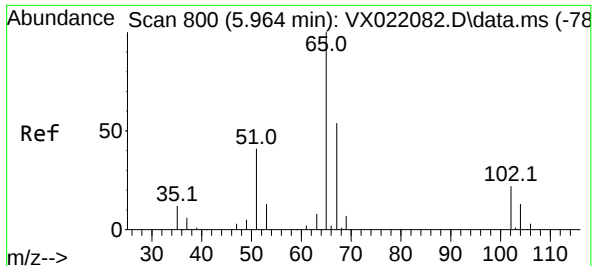
Delta R.T. 0.067 min

Lab File: VX022364.D

Acq: 03 Jun 2021 14:26

Tgt Ion:	56	Resp:	1643
Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.3	37.9#
84	87.0	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 55.56 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX022364.D

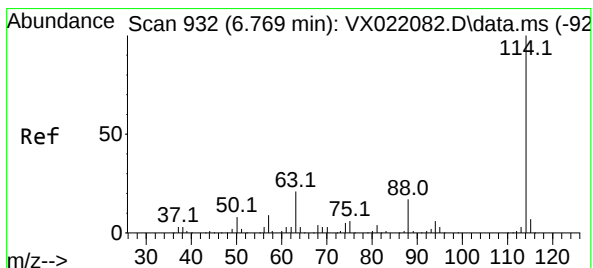
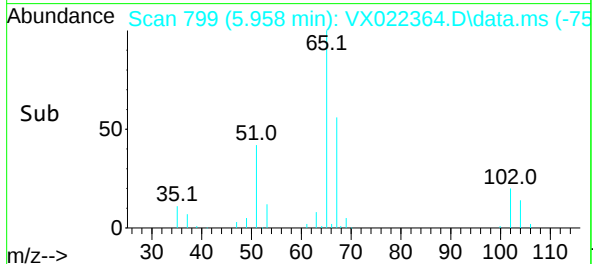
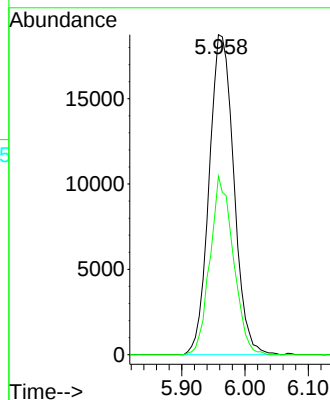
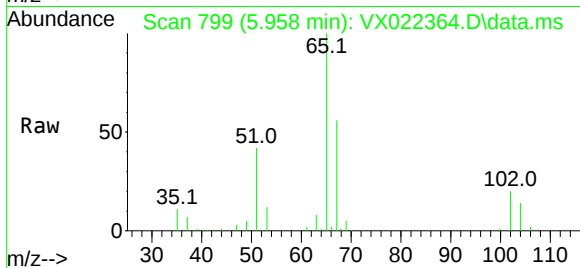
Acq: 03 Jun 2021 14:26

Tgt Ion: 65 Resp: 50802

Ion Ratio Lower Upper

65 100

67 52.6 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: VX022364.D

Acq: 03 Jun 2021 14:26

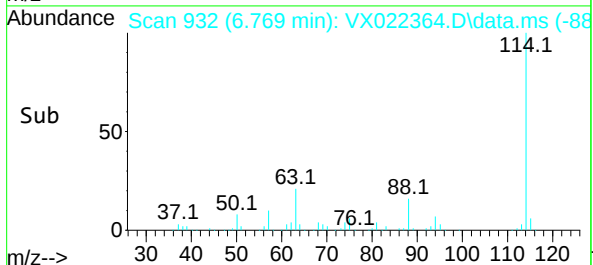
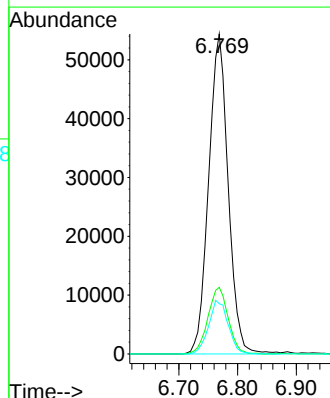
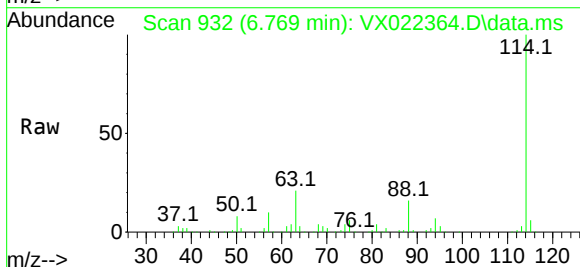
Tgt Ion: 114 Resp: 125348

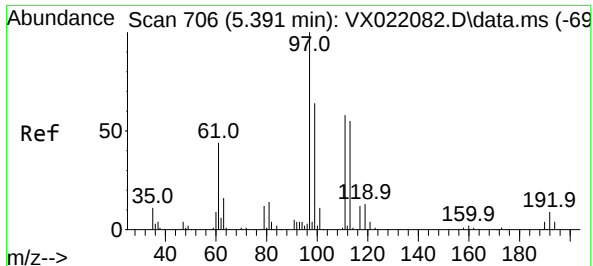
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.7 0.0 32.8

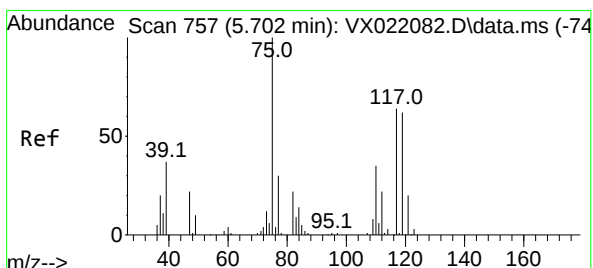
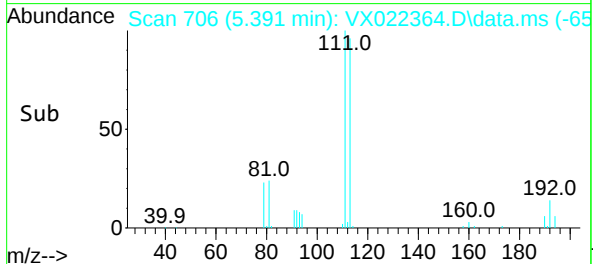
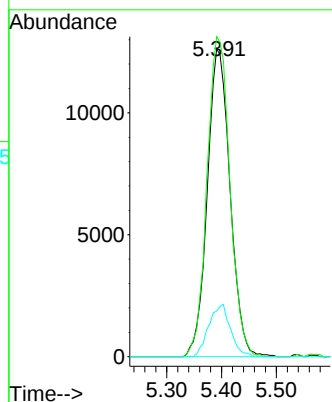
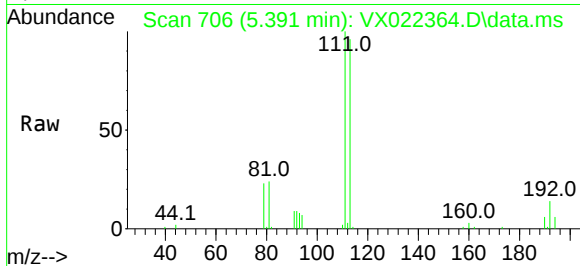




#35
Dibromofluoromethane
Concen: 45.83 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

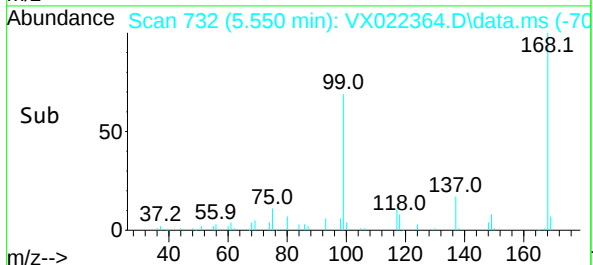
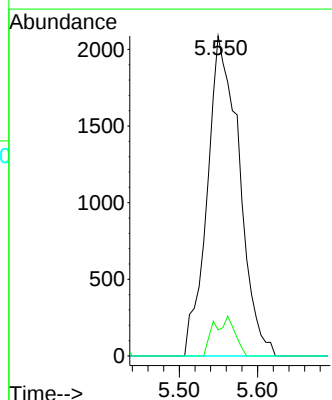
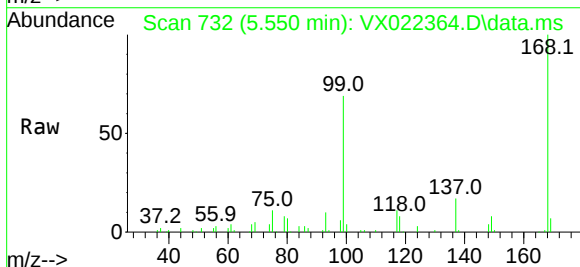
Instrument :
MSVOA_X
ClientSampleId :

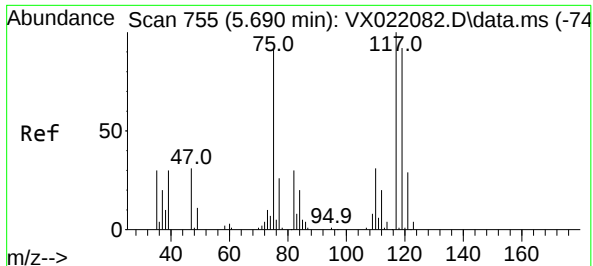
Tgt Ion:113 Resp: 36433
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 16.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

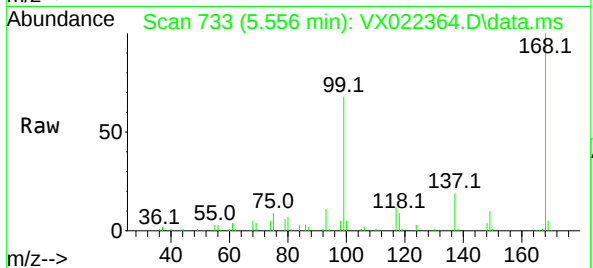
Tgt Ion: 75 Resp: 5930
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



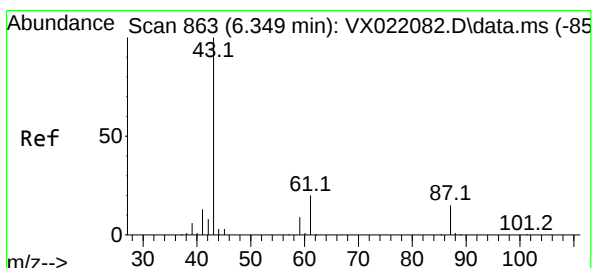
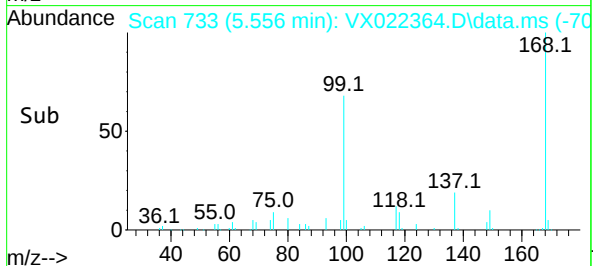
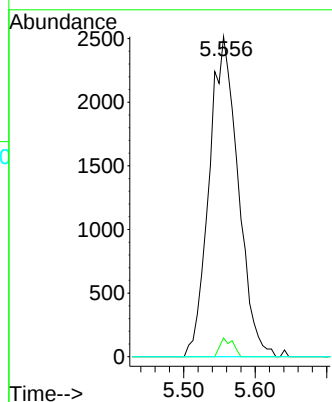


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Instrument :
MSVOA_X
ClientSampleId :

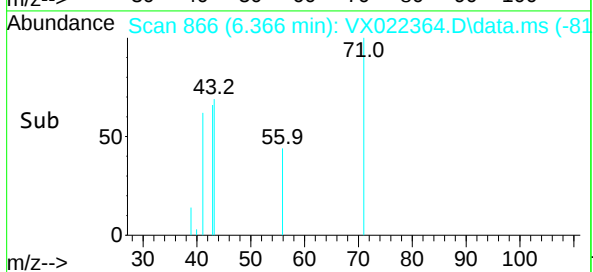
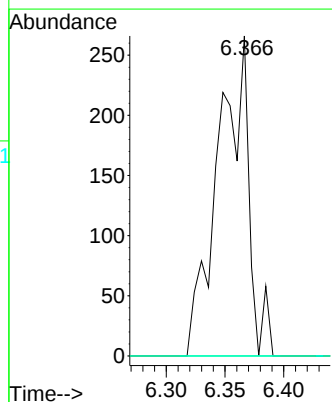
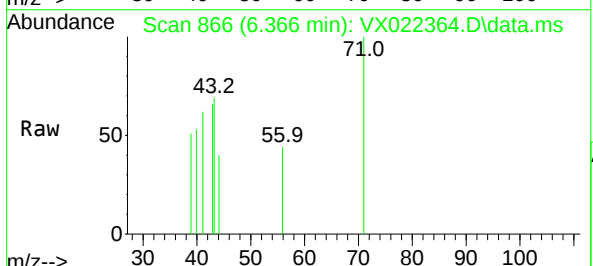


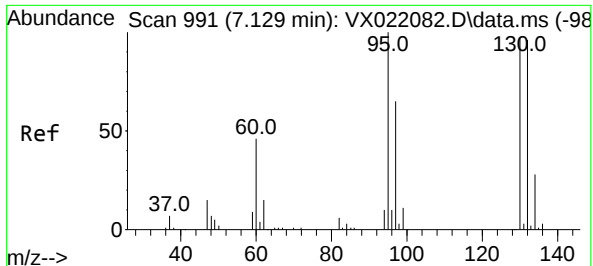
Tgt Ion:117 Resp: 7094
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.21 ug/l
RT: 6.366 min Scan# 866
Delta R.T. 0.017 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

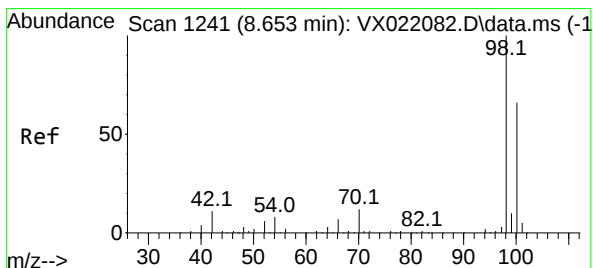
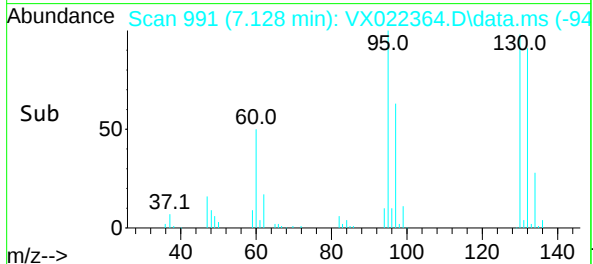
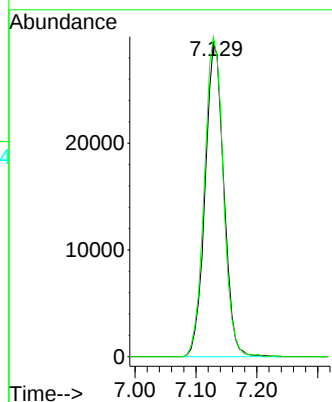
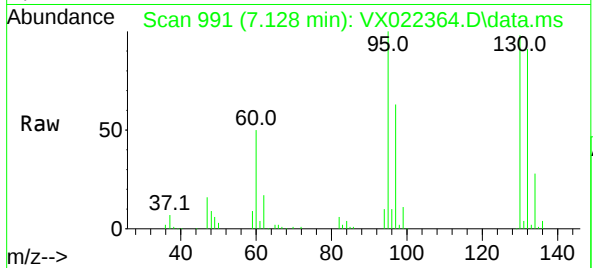




#44
Trichloroethene
Concen: 70.71 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

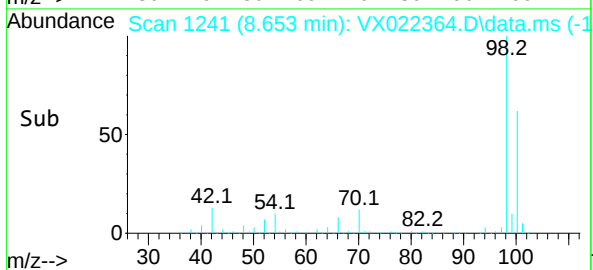
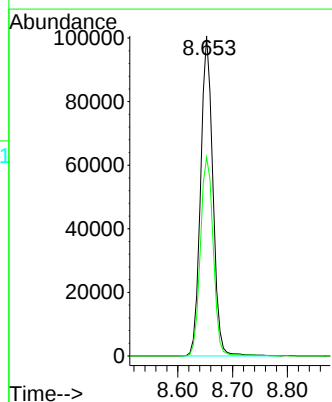
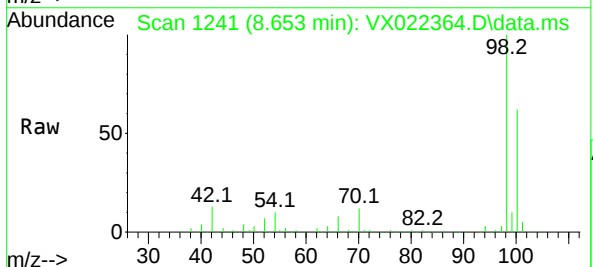
Instrument :
MSVOA_X
ClientSampleId :

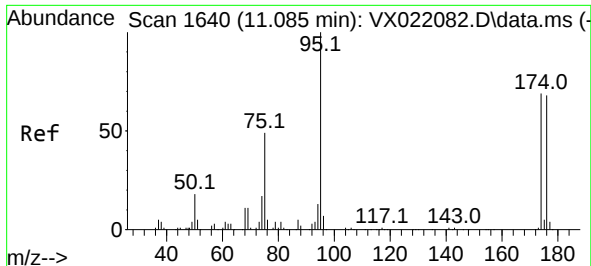
Tgt Ion:130 Resp: 62662
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.0



#50
Toluene-d8
Concen: 51.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Tgt Ion: 98 Resp: 156421
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

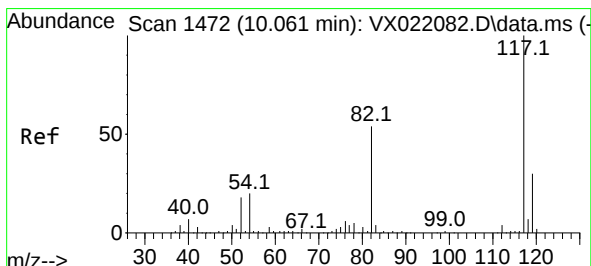
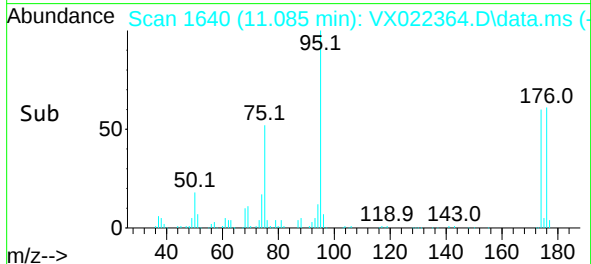
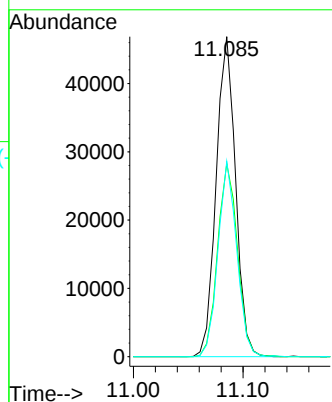
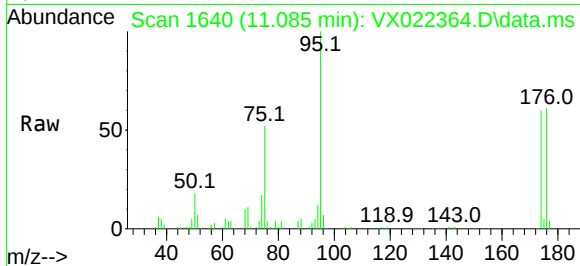




#62
4-Bromofluorobenzene
Concen: 50.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

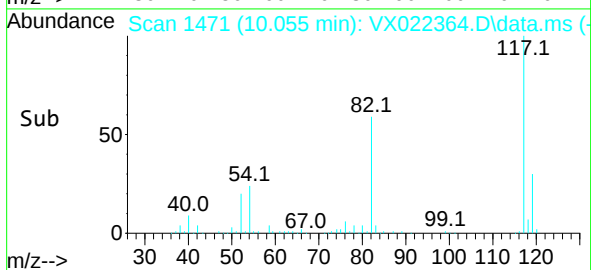
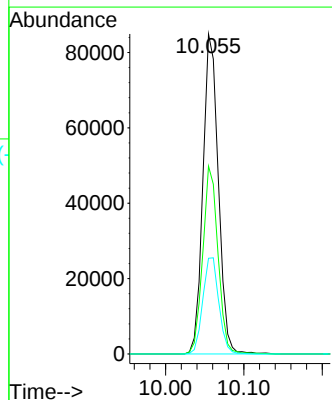
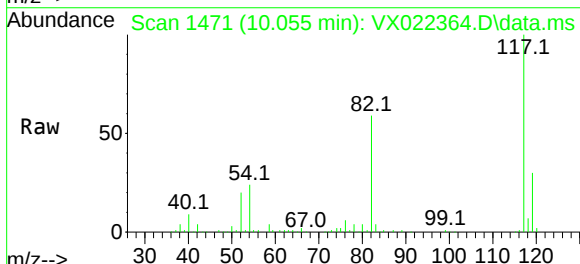
Instrument :
MSVOA_X
ClientSampleId :

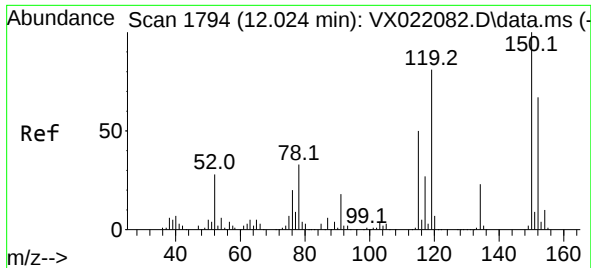
Tgt Ion: 95 Resp: 57594
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022364.D
Acq: 03 Jun 2021 14:26

Tgt Ion: 117 Resp: 115655
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 29.9 26.6 39.8

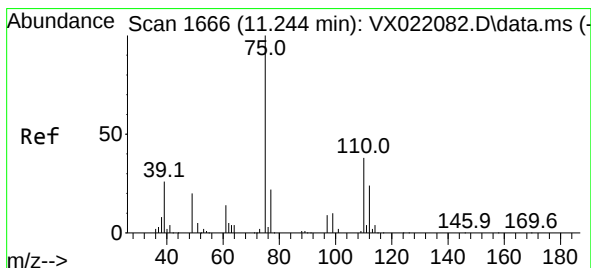
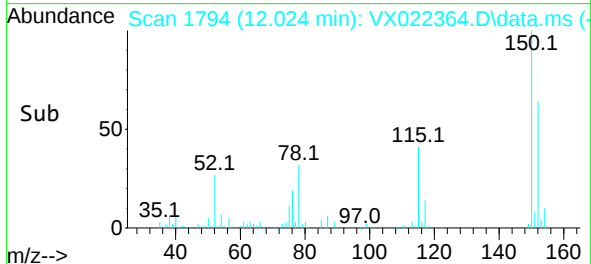
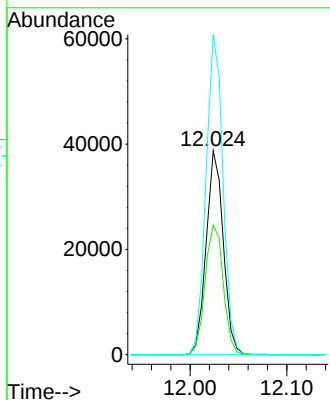
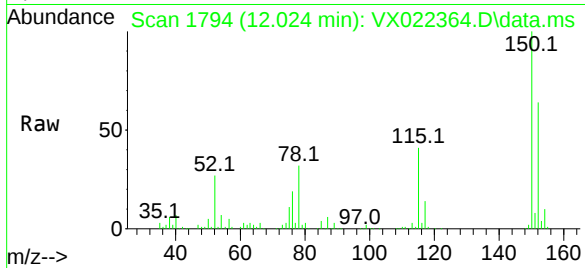




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022364.D
 Acq: 03 Jun 2021 14:26

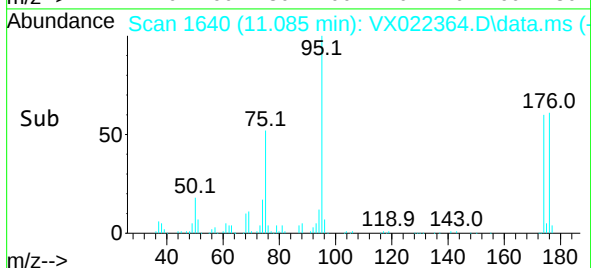
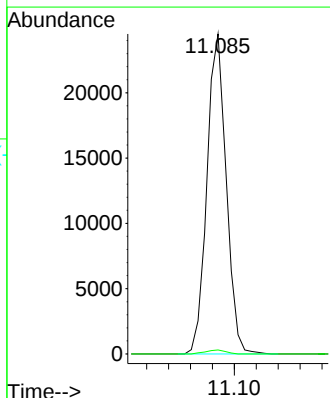
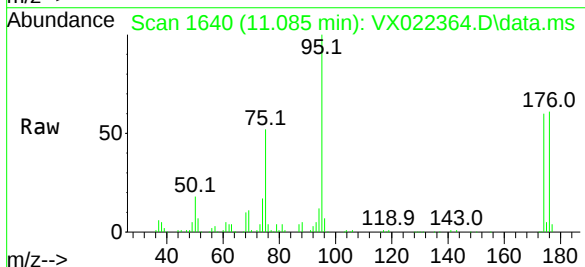
Instrument :
 MSVOA_X
 ClientSampled :

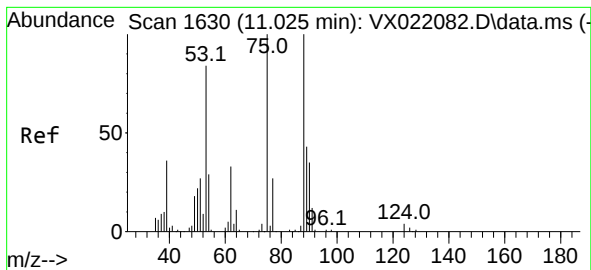
Tgt Ion:152 Resp: 47815
 Ion Ratio Lower Upper
 152 100
 115 67.0 41.1 123.3
 150 155.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.34 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022364.D
 Acq: 03 Jun 2021 14:26

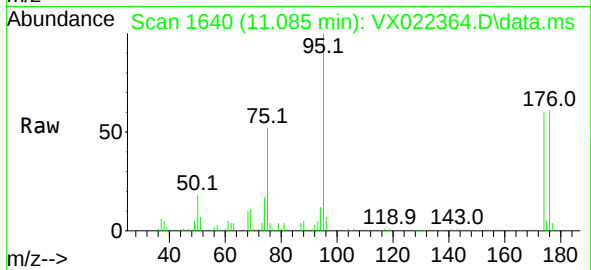
Tgt Ion: 75 Resp: 29896
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.05 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022364.D
 Acq: 03 Jun 2021 14:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29896
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

