

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029187.D
 Acq On : 03 Jun 2022 14:05
 Operator : JC/MD
 Sample : N3164-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

Quant Time: Jun 06 02:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

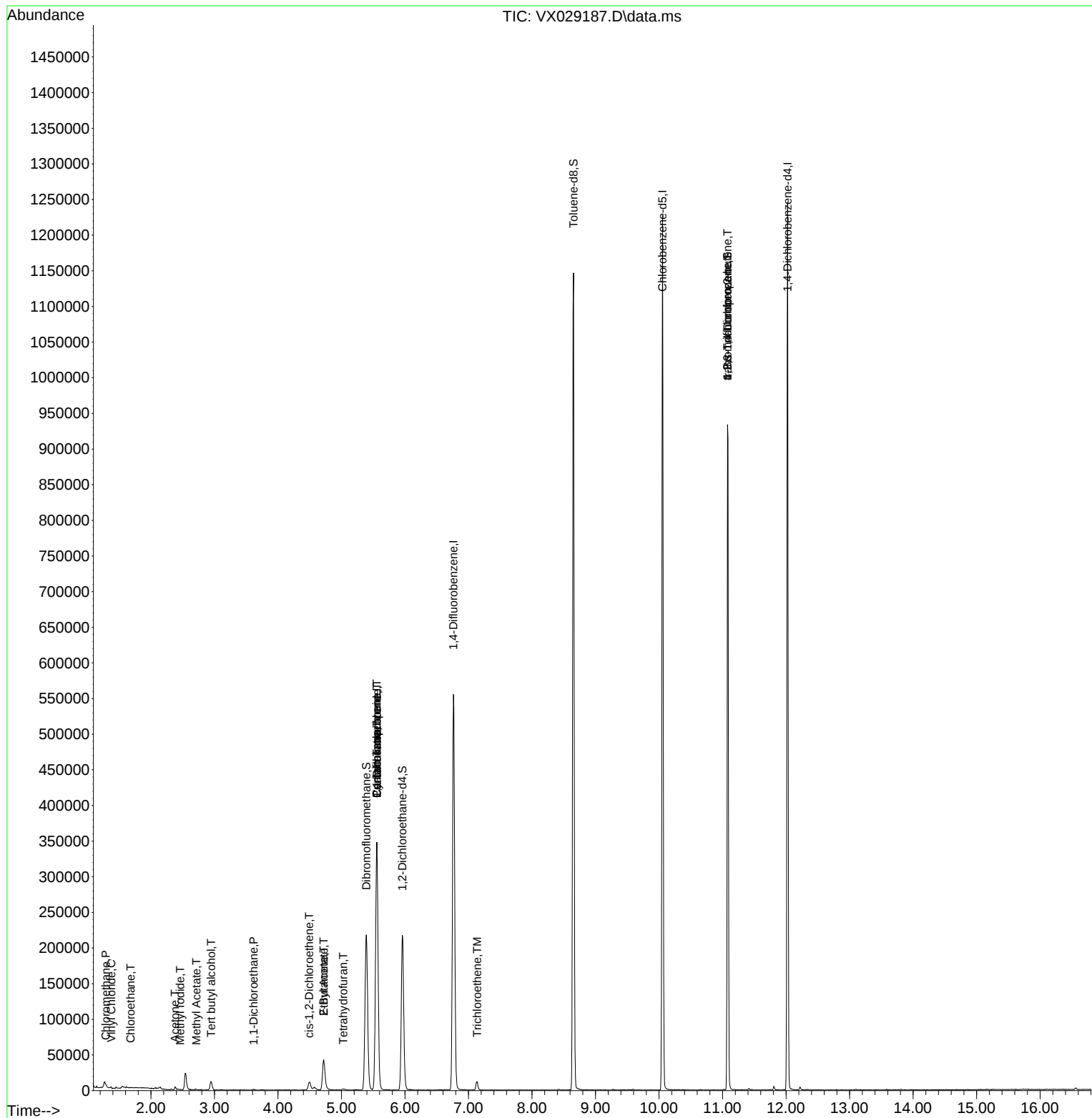
Internal Standards						
1) Pentafluorobenzene	5.556	168	327464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206863	56.021	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	112.040%	
35) Dibromofluoromethane	5.391	113	197557	49.962	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	99.920%	
50) Toluene-d8	8.653	98	698303	48.285	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	96.580%	
62) 4-Bromofluorobenzene	11.079	95	271305	48.531	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	97.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	693	0.233	ug/l #	84
4) Vinyl Chloride	1.374	62	1146	0.350	ug/l #	80
5) Bromomethane	1.617	94	866	Below Cal		87
6) Chloroethane	1.678	64	196	1.472	ug/l	91
10) Methyl Iodide	2.459	142	1016	4.478	ug/l #	93
11) Tert butyl alcohol	2.946	59	7417	8.671	ug/l #	73
16) Acetone	2.380	43	4420	3.040	ug/l #	80
18) Methyl Acetate	2.715	43	1347	0.358	ug/l #	68
24) 1,1-Dichloroethane	3.617	63	1163	0.212	ug/l #	81
25) 2-Butanone	4.721	43	72161	30.765	ug/l #	44
27) cis-1,2-Dichloroethene	4.489	96	8548	2.153	ug/l	84
29) Tetrahydrofuran	5.025	42	1344	0.894	ug/l #	59
31) Cyclohexane	5.556	56	5604	1.167	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24485	4.812	ug/l #	50
37) Ethyl Acetate	4.721	43	72290	14.661	ug/l	98
38) Carbon Tetrachloride	5.556	117	33941	5.837	ug/l #	15
44) Trichloroethene	7.135	130	5136	0.454	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	129851	24.678	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	129851	72.399	ug/l #	15
94) Hexachlorobutadiene	13.731	225	25	Below Cal	#	48

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029187.D
Acq On : 03 Jun 2022 14:05
Operator : JC/MD
Sample : N3164-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

Quant Time: Jun 06 02:34:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

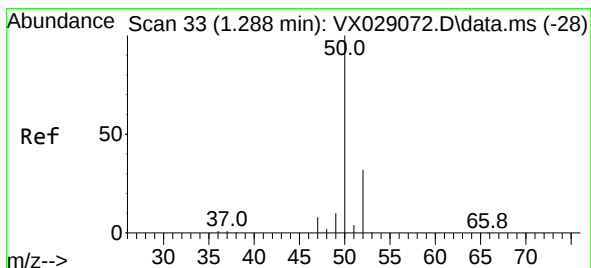
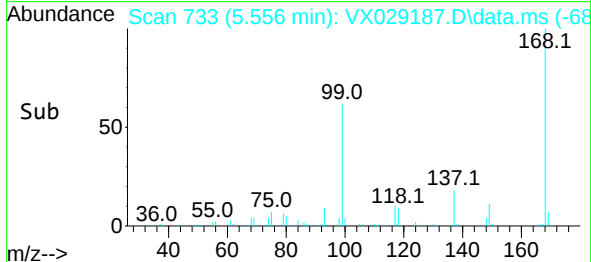
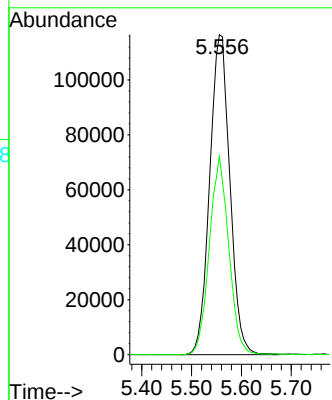
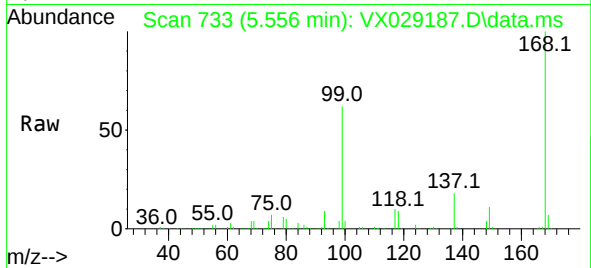




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

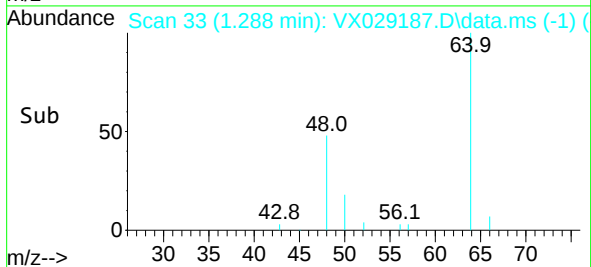
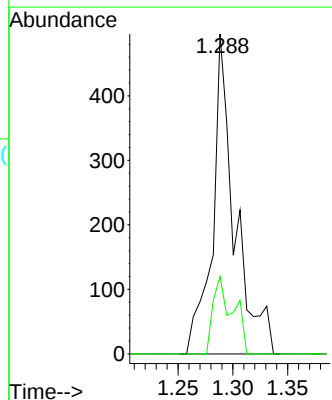
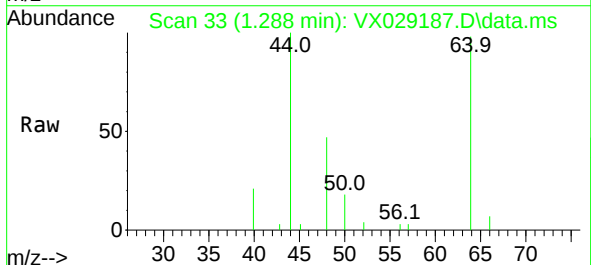
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

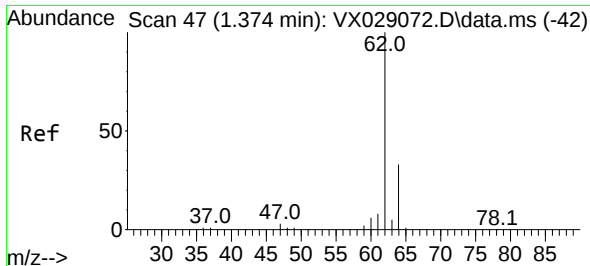
Tgt Ion:168 Resp: 327464
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6#

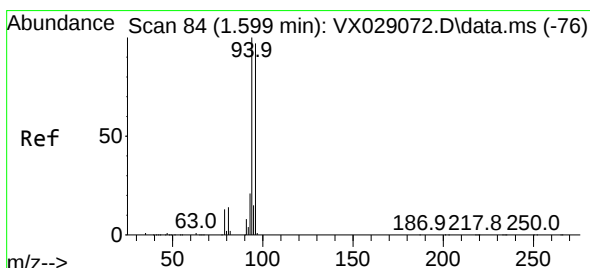
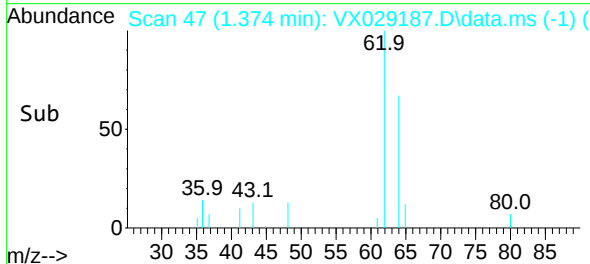
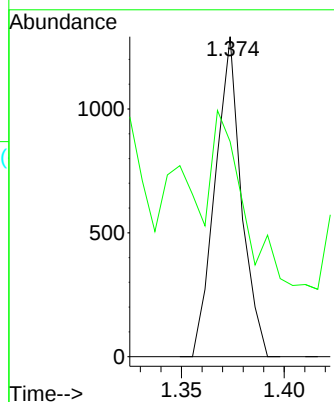
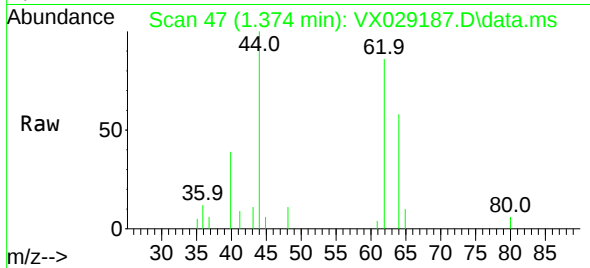




#4
 Vinyl Chloride
 Concen: 0.350 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

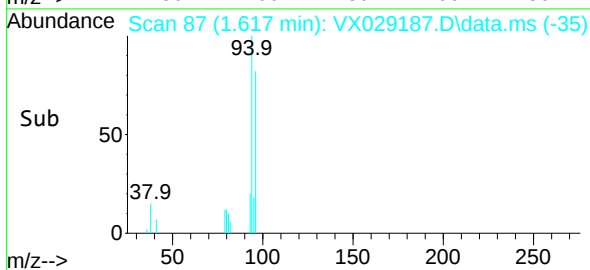
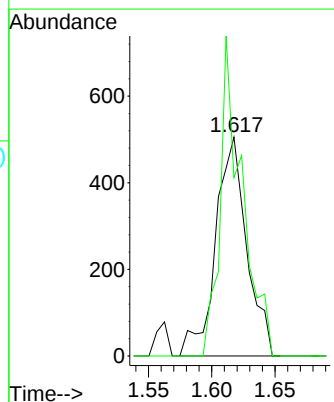
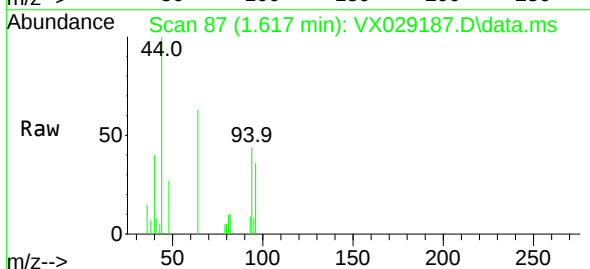
Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

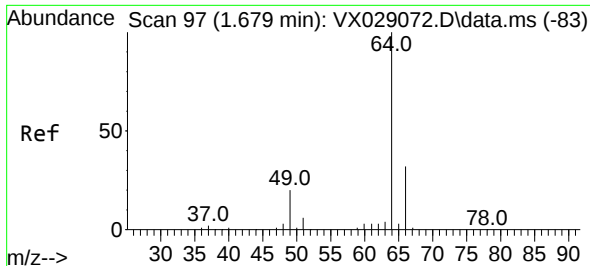
Tgt Ion: 62 Resp: 1146
 Ion Ratio Lower Upper
 62 100
 64 42.8 25.5 38.3#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

Tgt Ion: 94 Resp: 866
 Ion Ratio Lower Upper
 94 100
 96 81.6 75.3 112.9

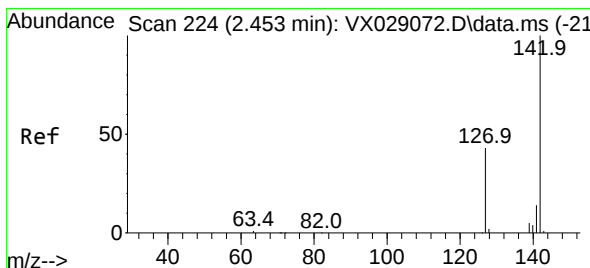
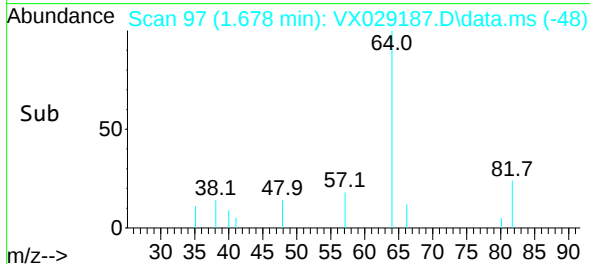
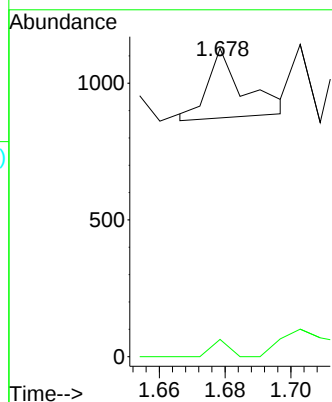
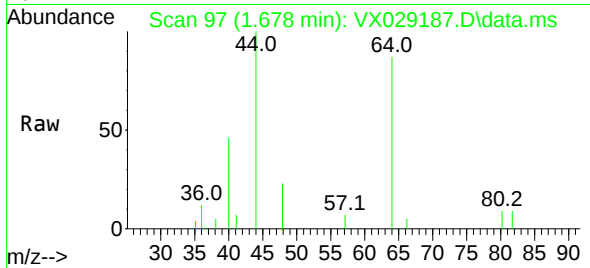




#6
 Chloroethane
 Concen: 1.472 ug/l
 RT: 1.678 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

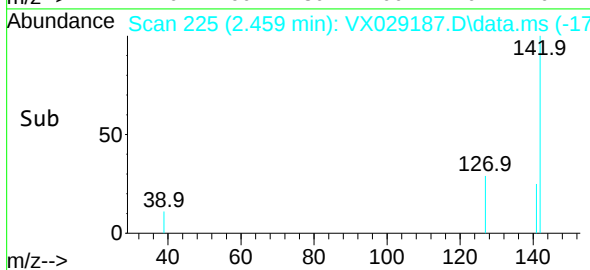
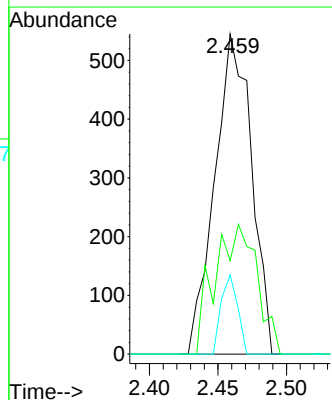
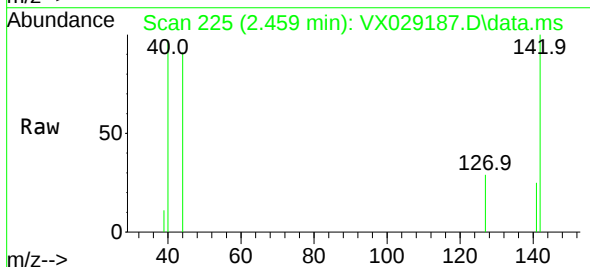
Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

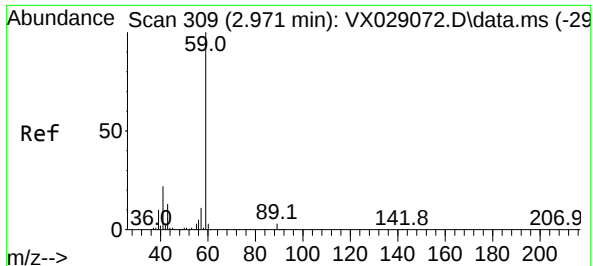
Tgt Ion: 64 Resp: 196
 Ion Ratio Lower Upper
 64 100
 66 26.4 25.3 37.9



#10
 Methyl Iodide
 Concen: 4.478 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. 0.006 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

Tgt Ion: 142 Resp: 1016
 Ion Ratio Lower Upper
 142 100
 127 46.9 33.9 50.9
 141 11.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 8.671 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.025 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

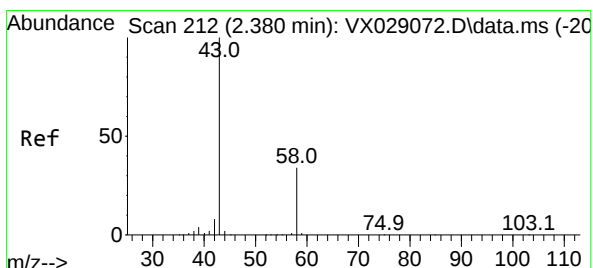
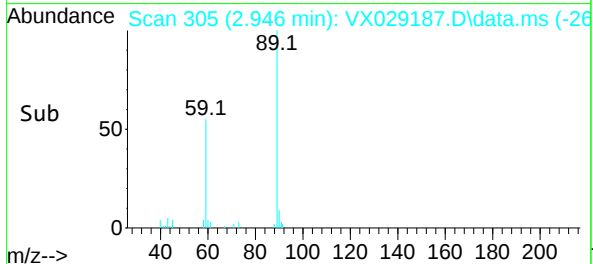
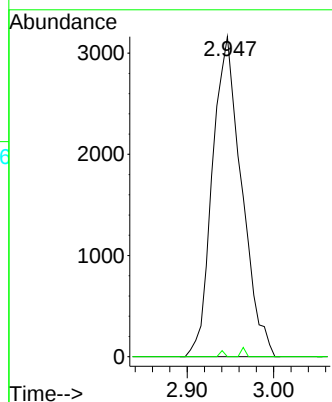
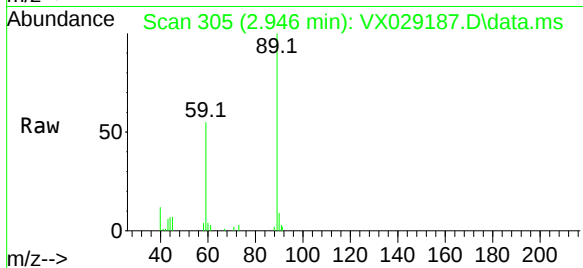
17BR-20220531

Tgt Ion: 59 Resp: 7417

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#



#16

Acetone

Concen: 3.040 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX029187.D

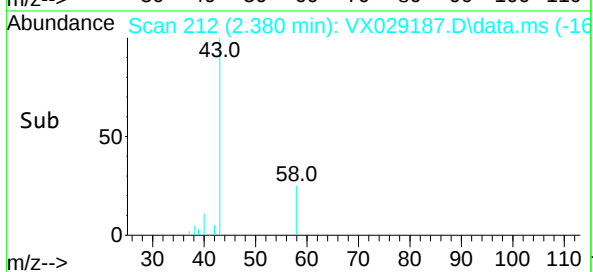
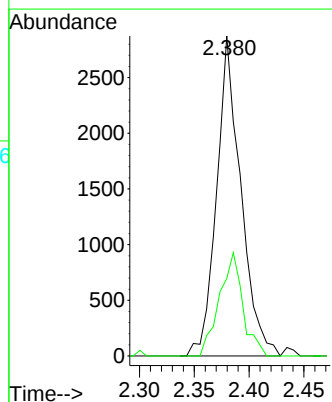
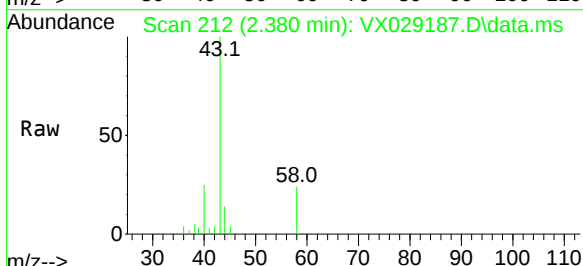
Acq: 03 Jun 2022 14:05

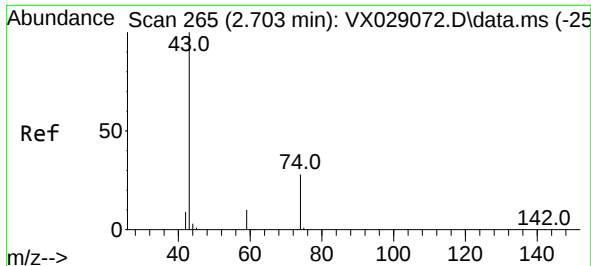
Tgt Ion: 43 Resp: 4420

Ion Ratio Lower Upper

43 100

58 24.2 28.8 43.2#

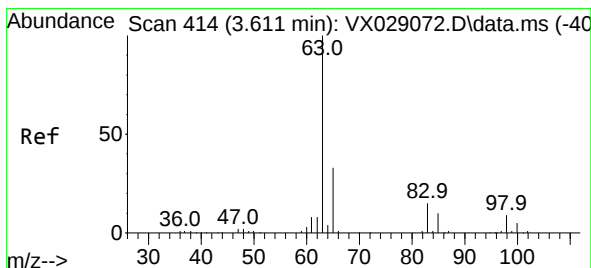
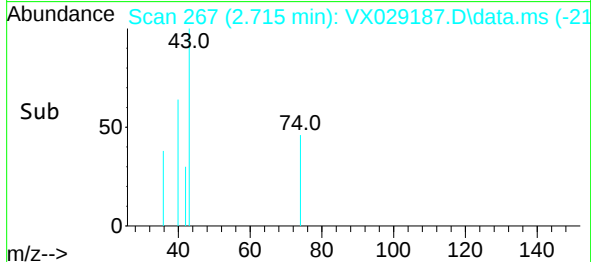
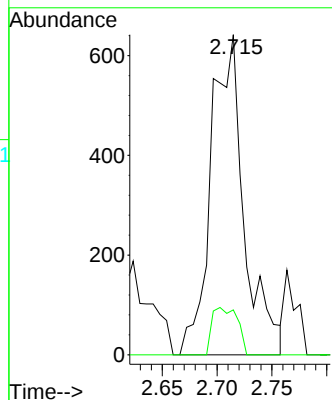
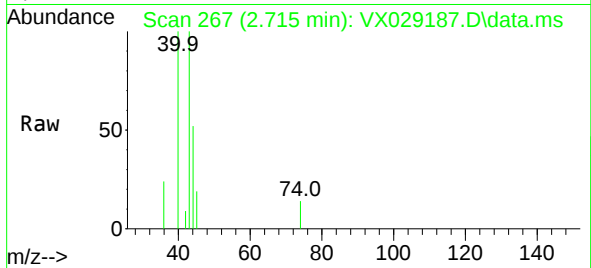




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

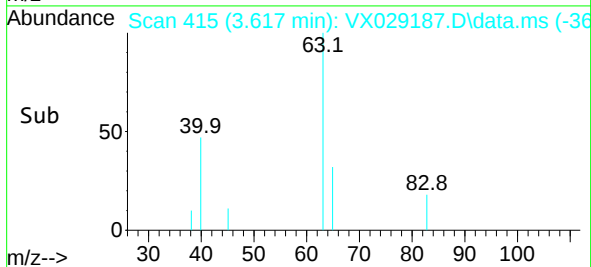
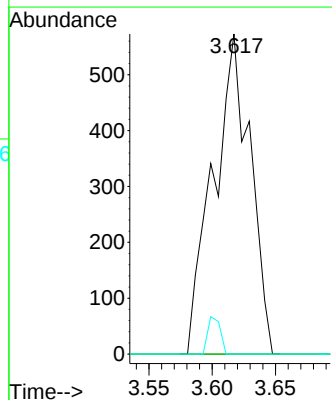
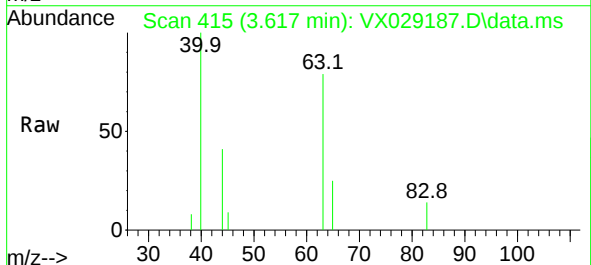
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

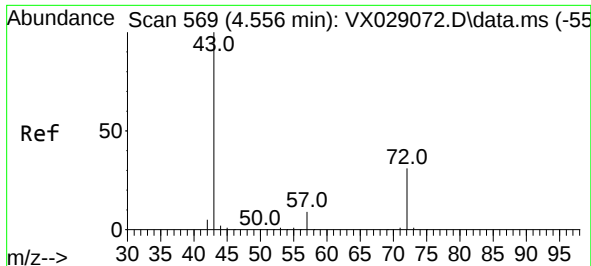
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
74 11.4 22.8 34.2#



#24
1,1-Dichloroethane
Concen: 0.212 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 63 Resp: 1163
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#

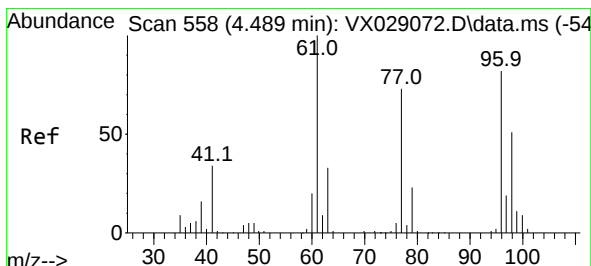
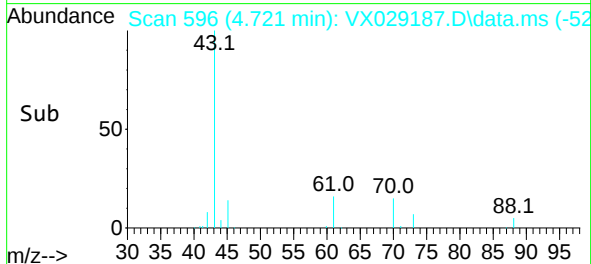
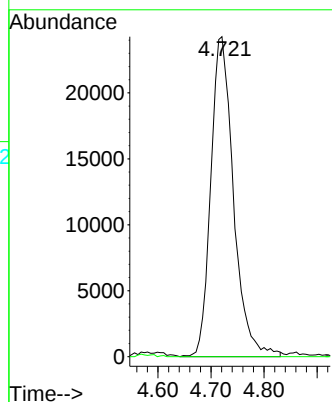
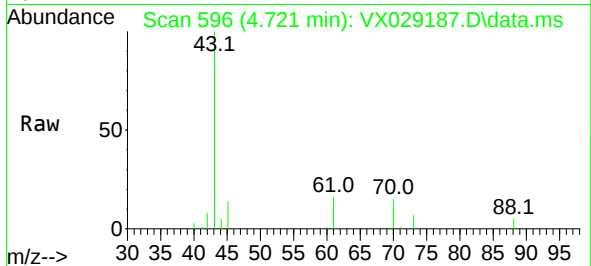




#25
2-Butanone
Concen: 30.765 ug/l
RT: 4.721 min Scan# 51
Delta R.T. 0.165 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

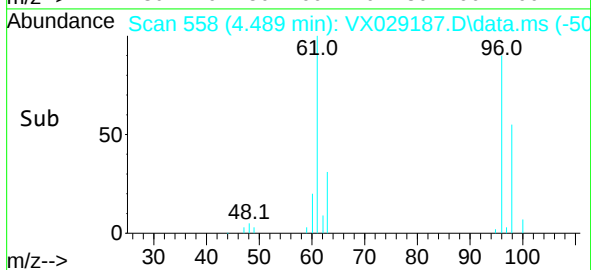
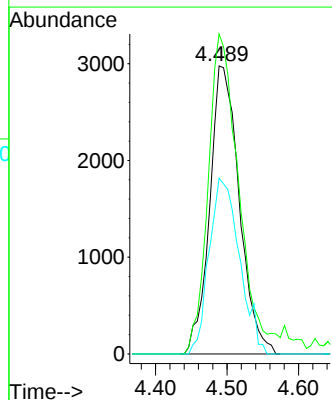
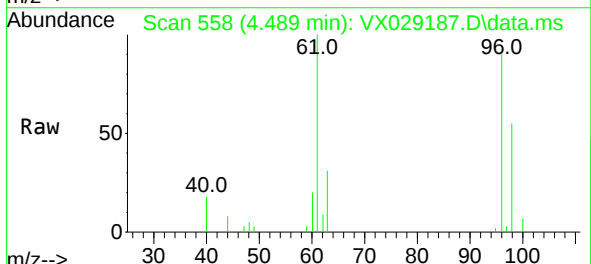
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

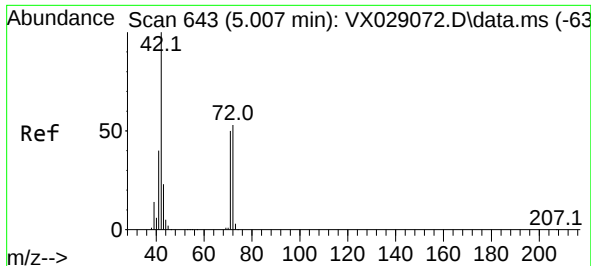
Tgt Ion: 43 Resp: 72161
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 2.153 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 96 Resp: 8548
Ion Ratio Lower Upper
96 100
61 114.8 0.0 283.8
98 62.7 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.894 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX029187.D

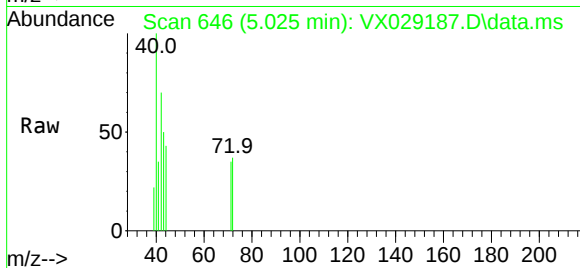
Acq: 03 Jun 2022 14:05

Instrument :

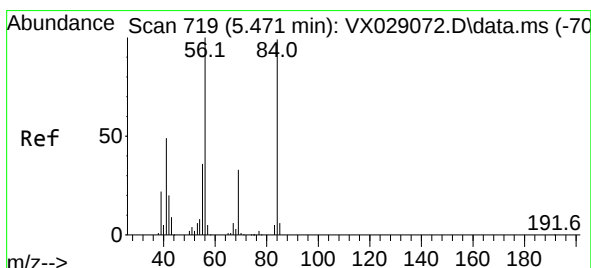
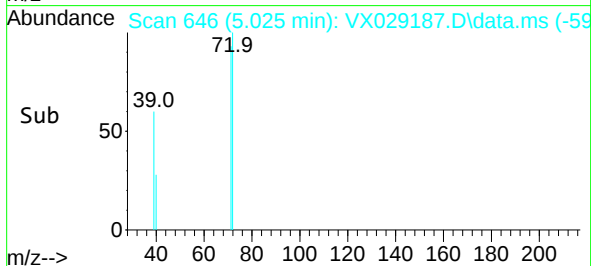
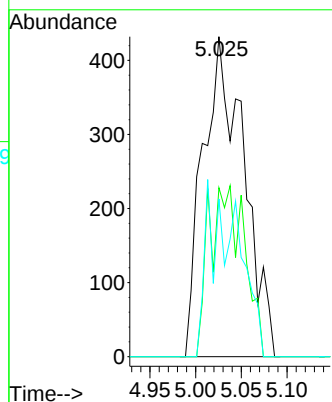
MSVOA_X

ClientSampleId :

17BR-20220531



Tgt Ion:	42	Resp:	1344
Ion	Ratio	Lower	Upper
42	100		
72	46.4	44.1	66.1
71	0.0	40.5	60.7#



#31

Cyclohexane

Concen: 1.167 ug/l

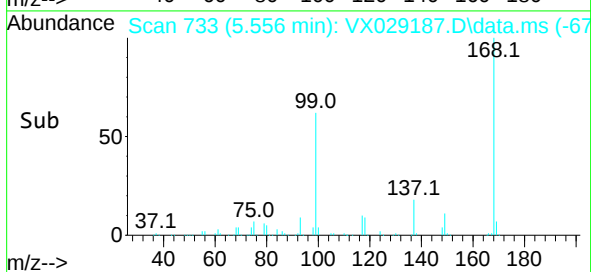
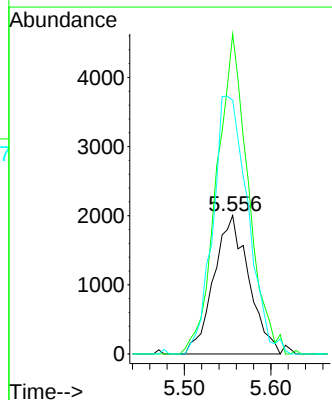
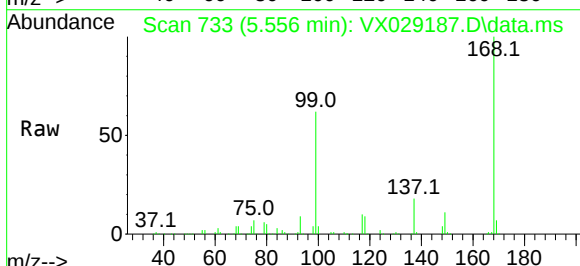
RT: 5.556 min Scan# 733

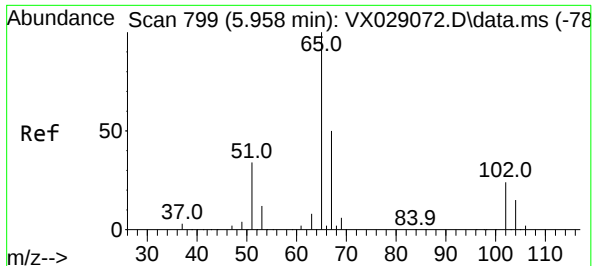
Delta R.T. 0.085 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

Tgt Ion:	56	Resp:	5604
Ion	Ratio	Lower	Upper
56	100		
69	231.2	26.7	40.1#
84	183.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 56.021 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

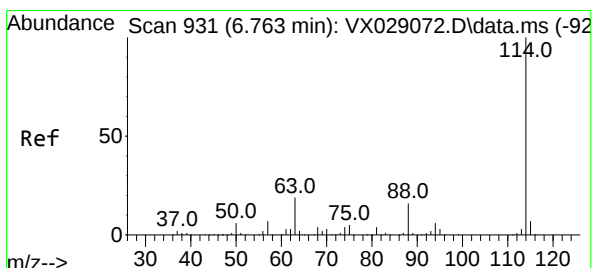
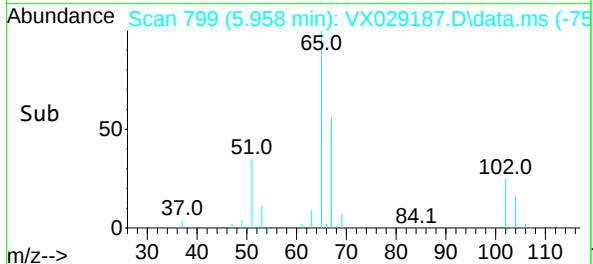
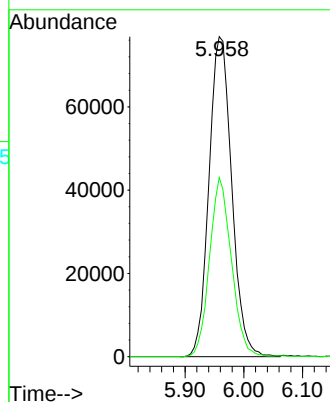
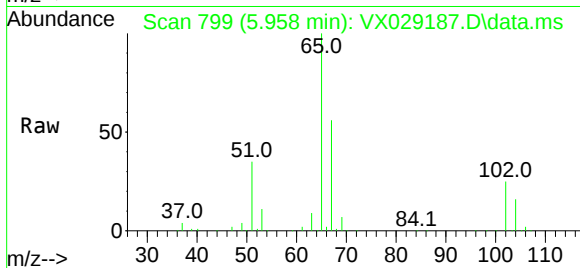
17BR-20220531

Tgt Ion: 65 Resp: 206863

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

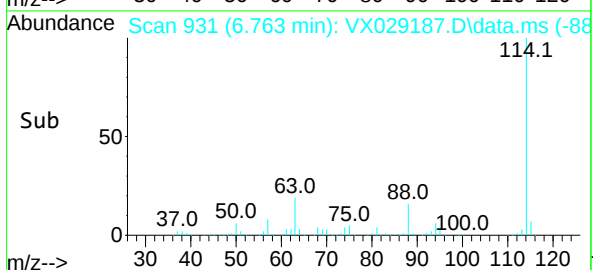
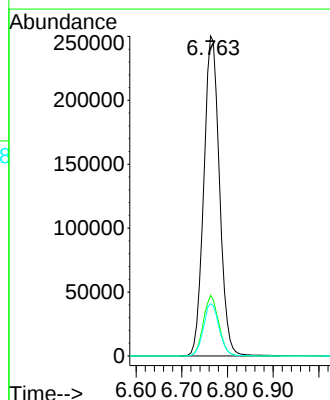
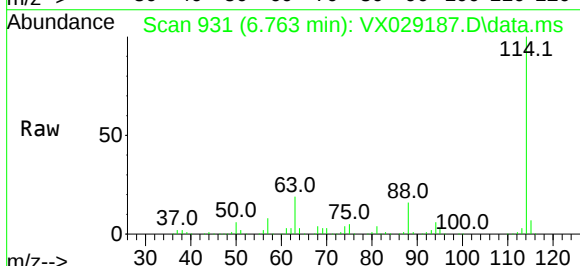
Tgt Ion: 114 Resp: 595309

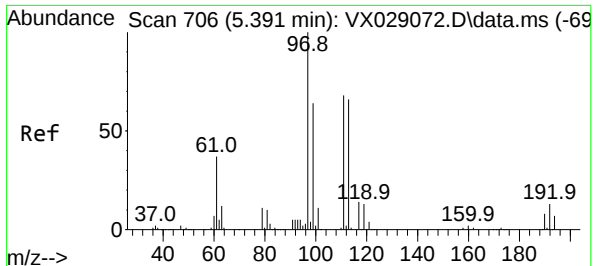
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.962 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029187.D

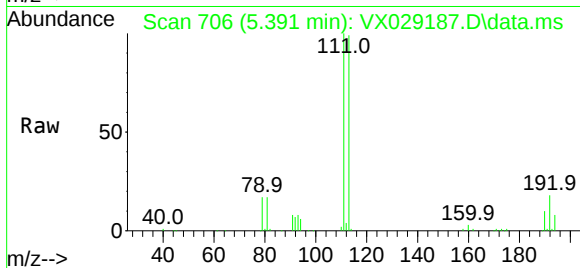
Acq: 03 Jun 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

17BR-20220531



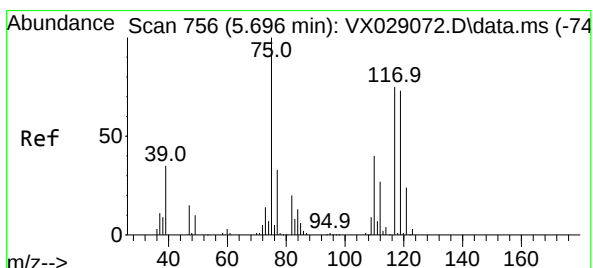
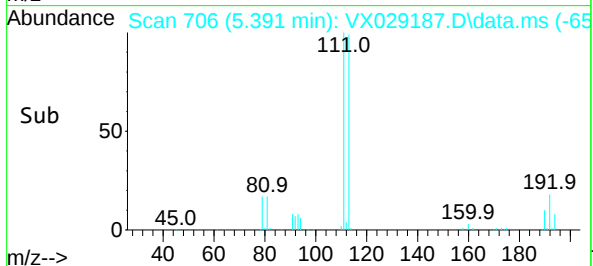
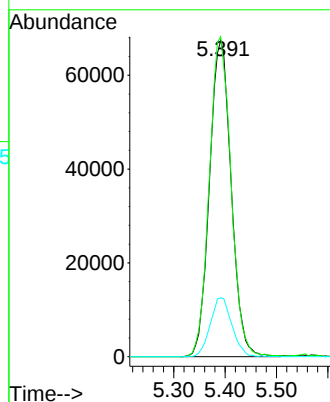
Tgt Ion:113 Resp: 197557

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

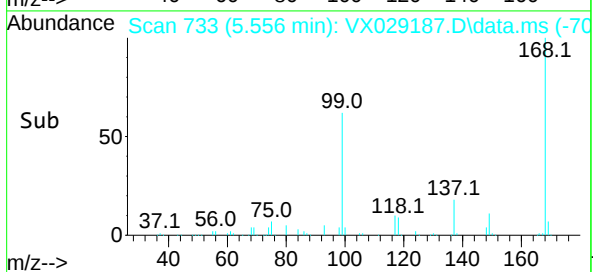
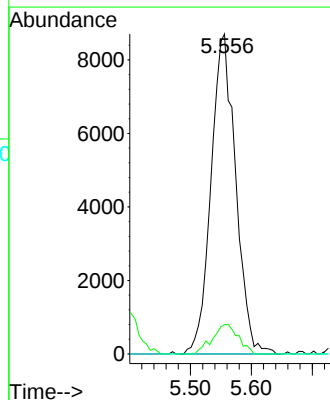
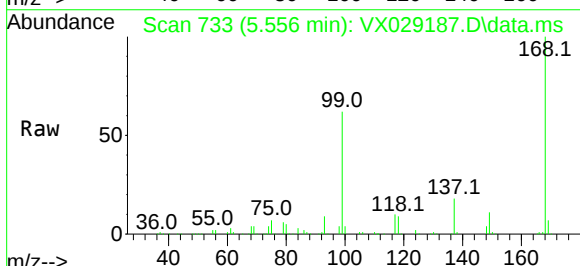
Tgt Ion: 75 Resp: 24485

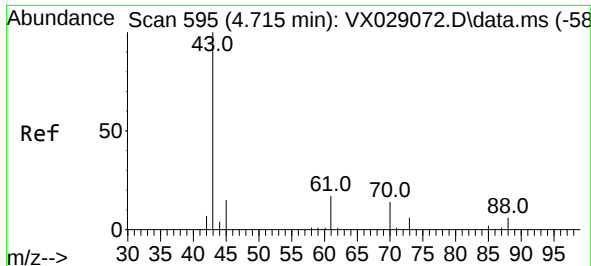
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 14.661 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

Instrument :

MSVOA_X

ClientSampleId :

17BR-20220531

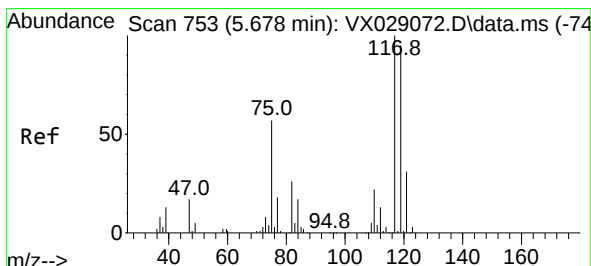
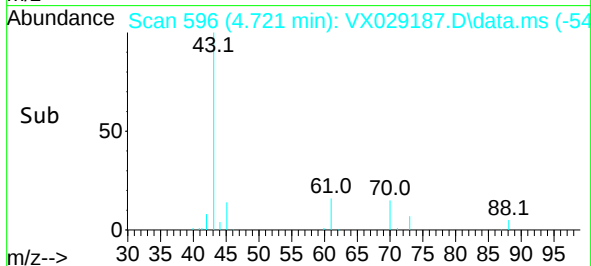
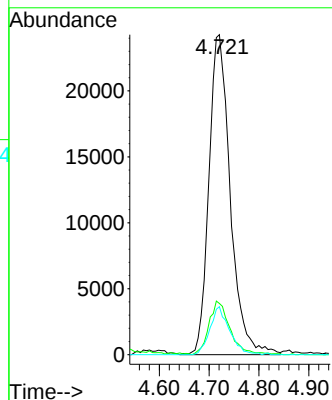
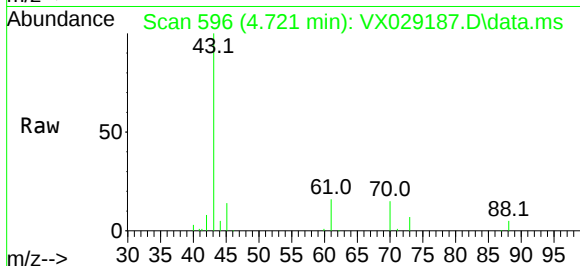
Tgt Ion: 43 Resp: 72290

Ion Ratio Lower Upper

43 100

61 16.6 12.6 19.0

70 13.7 10.2 15.2



#38

Carbon Tetrachloride

Concen: 5.837 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029187.D

Acq: 03 Jun 2022 14:05

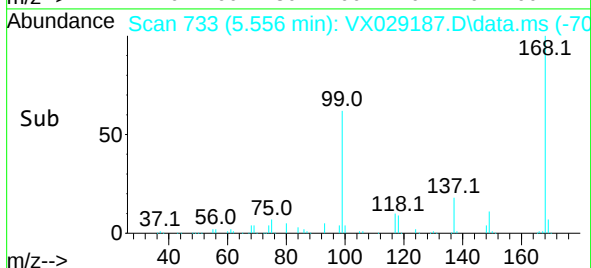
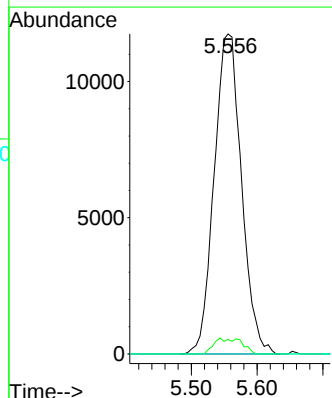
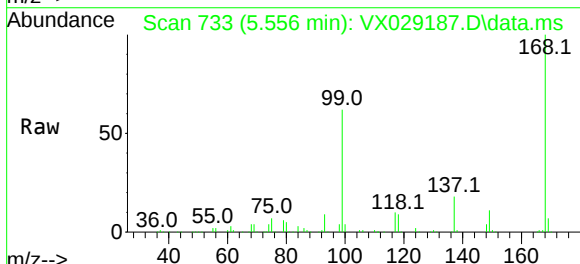
Tgt Ion: 117 Resp: 33941

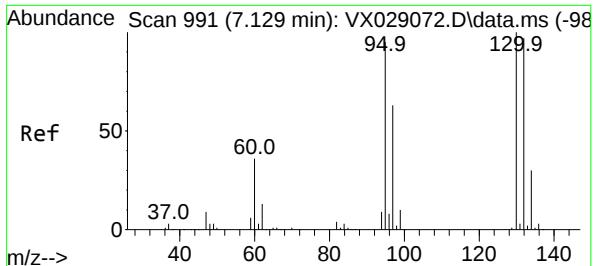
Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 24.2 36.2#

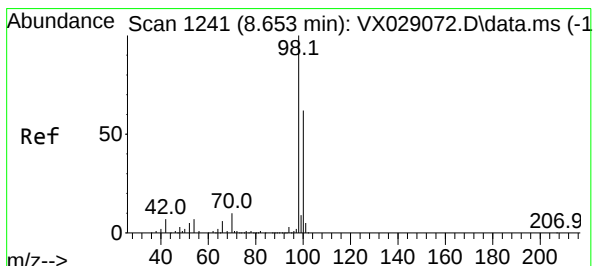
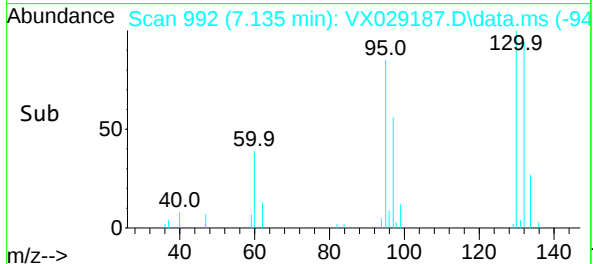
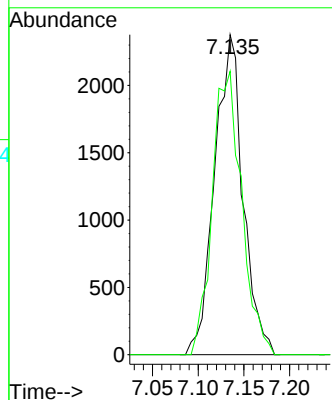
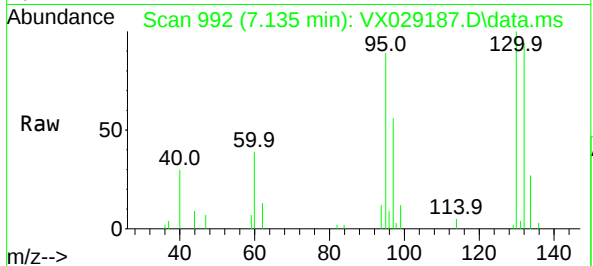




#44
Trichloroethene
Concen: 0.454 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

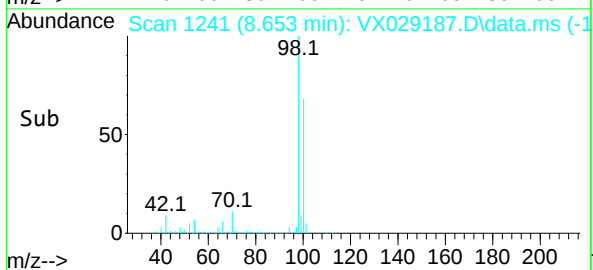
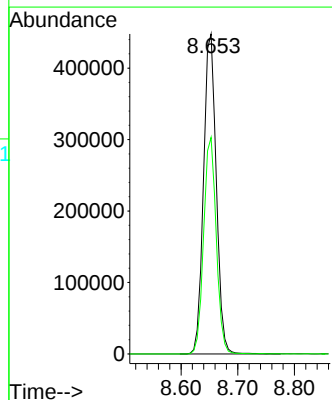
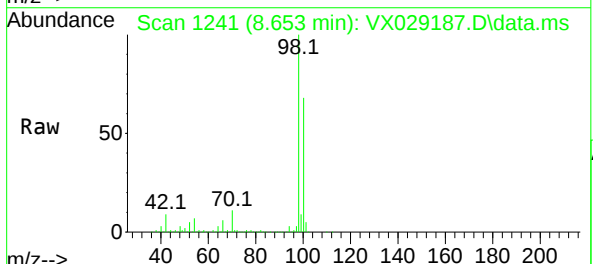
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

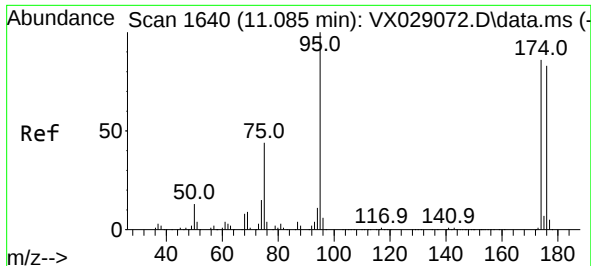
Tgt Ion:130 Resp: 5136
Ion Ratio Lower Upper
130 100
95 88.6 0.0 188.8



#50
Toluene-d8
Concen: 48.285 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 98 Resp: 698303
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

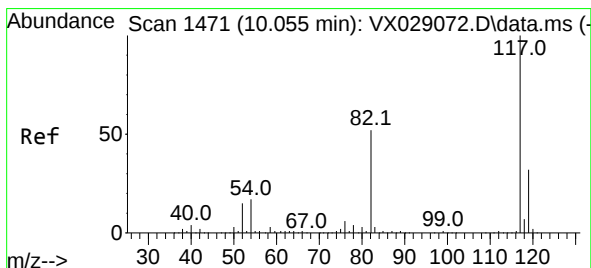
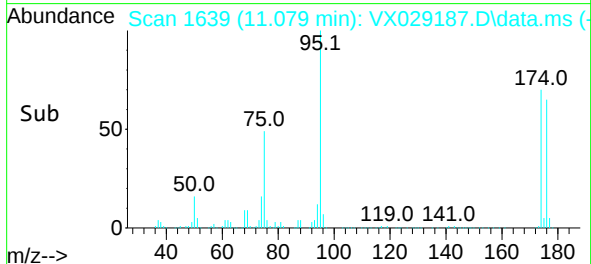
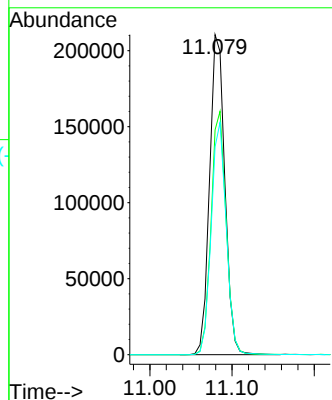
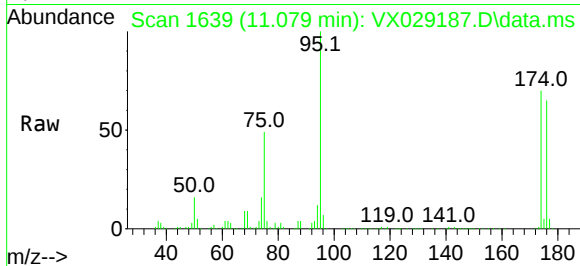




#62
4-Bromofluorobenzene
Concen: 48.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

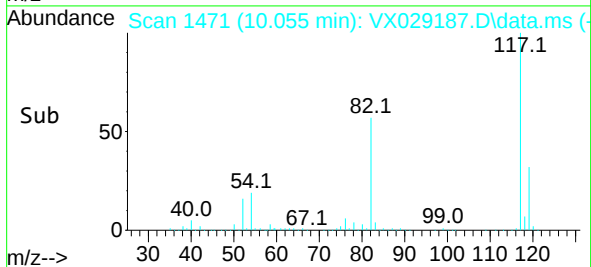
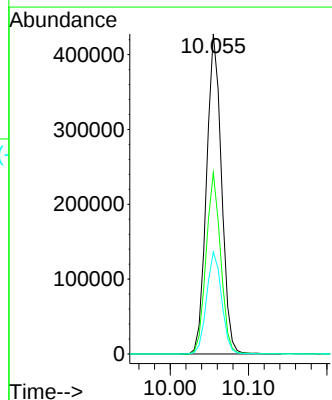
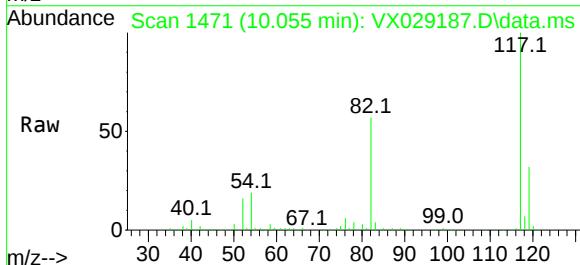
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

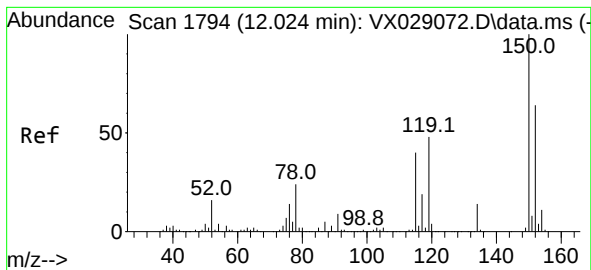
Tgt Ion: 95 Resp: 271305
Ion Ratio Lower Upper
95 100
174 75.0 0.0 163.0
176 71.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 117 Resp: 566376
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 31.8 24.8 37.2

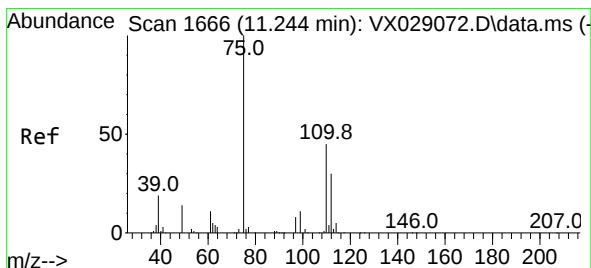
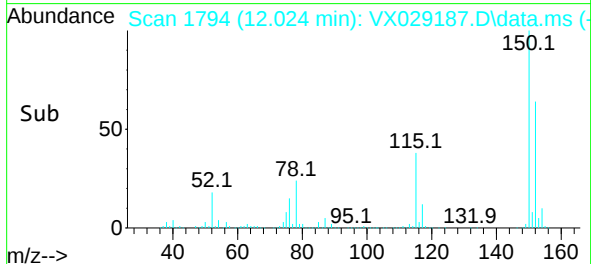
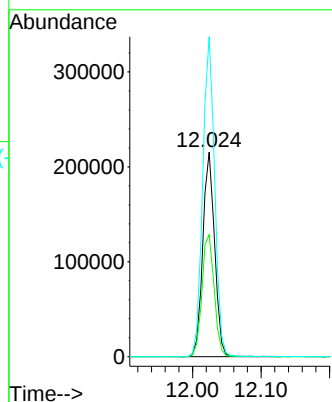
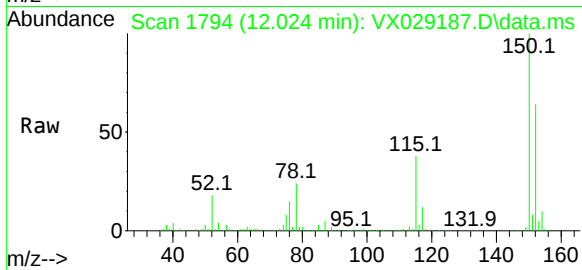




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

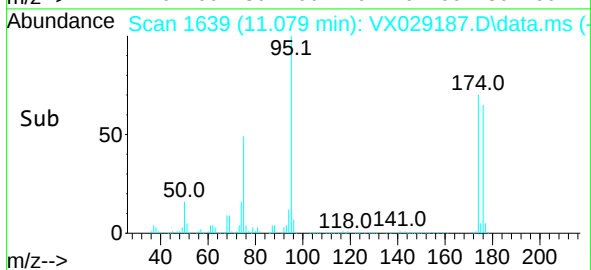
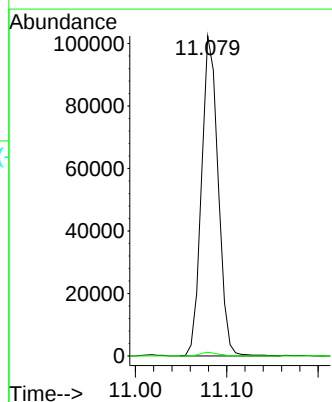
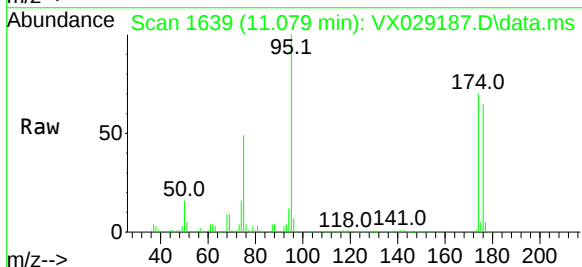
Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

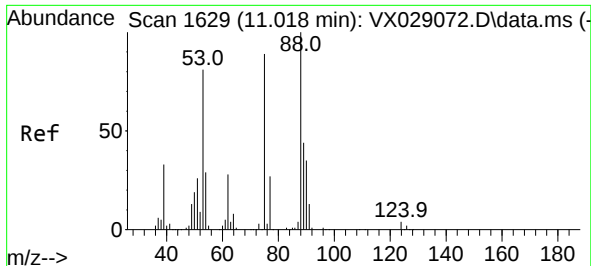
Tgt Ion:152 Resp: 259568
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.678 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029187.D
 Acq: 03 Jun 2022 14:05

Tgt Ion: 75 Resp: 129851
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

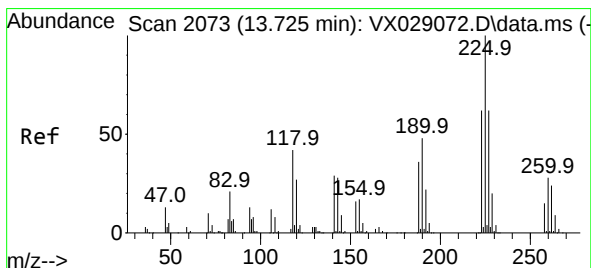
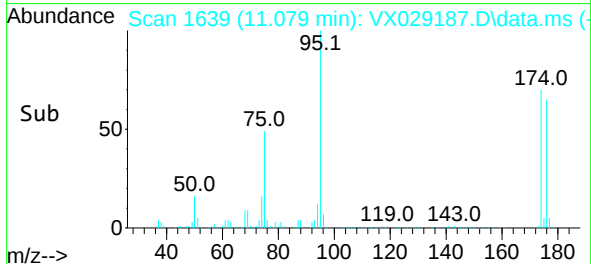
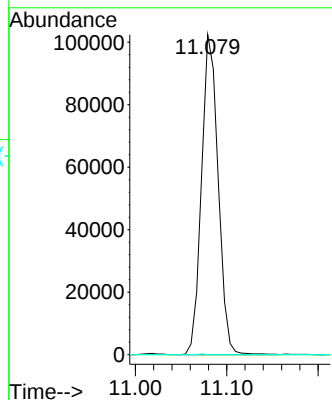
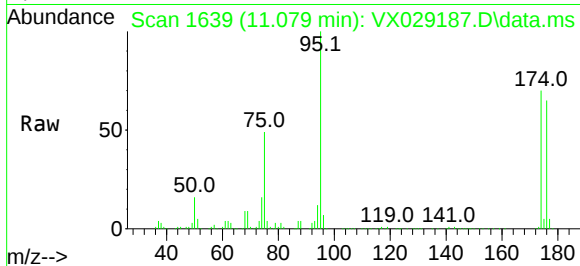




#81
trans-1,4-Dichloro-2-butene
Concen: 72.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

Tgt Ion: 75 Resp: 129851
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029187.D
Acq: 03 Jun 2022 14:05

Tgt Ion: 225 Resp: 25
Ion Ratio Lower Upper
225 100
223 84.0 34.2 102.5
227 0.0 33.9 101.7#

