

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029911.D
 Acq On : 05 Jul 2022 11:33
 Operator : JC/MD
 Sample : VX0705WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

Quant Time: Jul 06 06:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

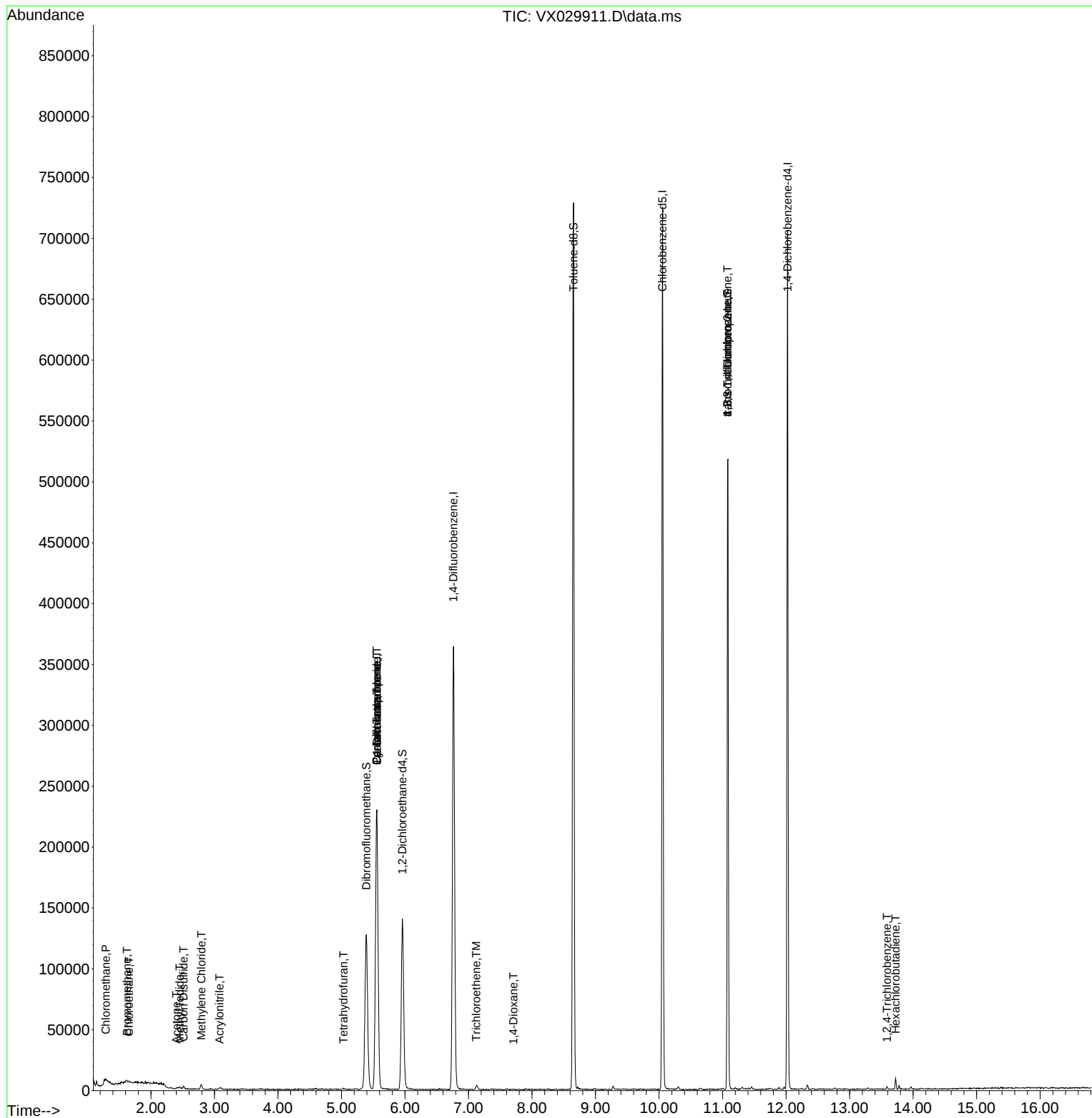
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	231180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124653	42.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.200%
35) Dibromofluoromethane	5.391	113	112650	45.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.653	98	444730	48.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.079	95	146476	45.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	697	0.268	ug/l	93
5) Bromomethane	1.624	94	585	0.411	ug/l #	40
6) Chloroethane	1.654	64	695	1.394	ug/l #	41
10) Methyl Iodide	2.453	142	1543	2.341	ug/l #	93
13) Acrolein	2.251	56	252	Below Cal		95
15) Acrylonitrile	3.081	53	576	0.322	ug/l #	76
16) Acetone	2.398	43	791	0.553	ug/l #	63
17) Carbon Disulfide	2.514	76	2289	0.387	ug/l #	85
20) Methylene Chloride	2.794	84	1867	0.617	ug/l #	80
29) Tetrahydrofuran	5.031	42	662	0.405	ug/l #	57
31) Cyclohexane	5.556	56	4762	1.167	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16378	5.024	ug/l #	48
38) Carbon Tetrachloride	5.556	117	21729	7.692	ug/l #	18
44) Trichloroethene	7.123	130	1367	0.482	ug/l	63
49) 1,4-Dioxane	7.708	88	25	0.332	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68318	19.606	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68318	62.263	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	803	0.277	ug/l	88
94) Hexachlorobutadiene	13.725	225	1119	1.045	ug/l	92

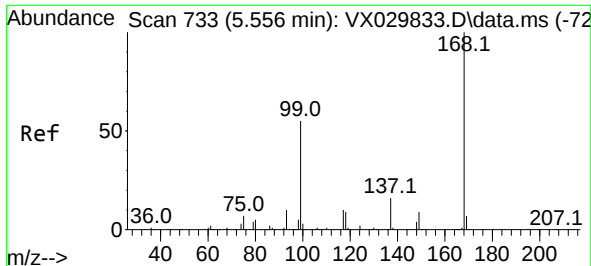
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
Data File : VX029911.D
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Sample : VX0705WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

Quant Time: Jul 06 06:52:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
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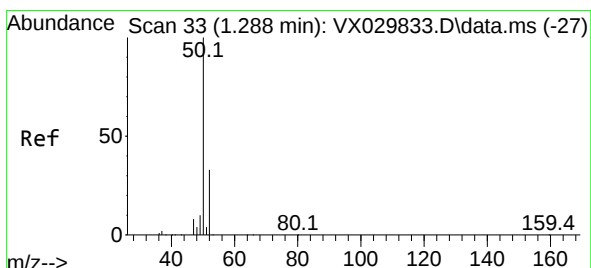
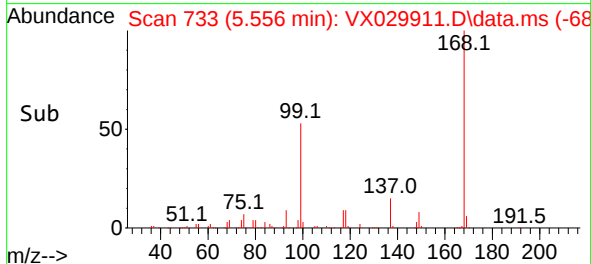
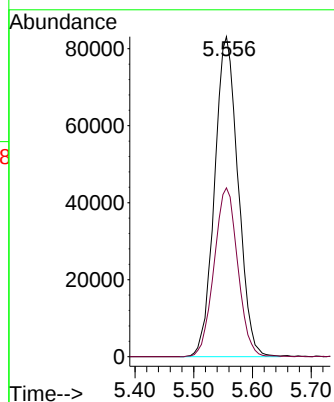
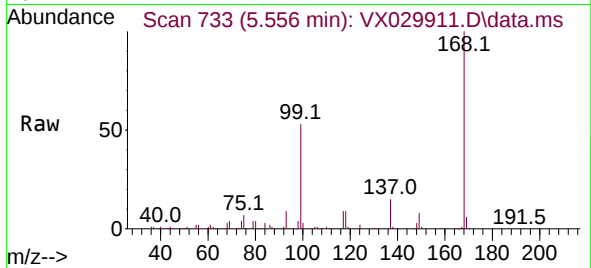




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

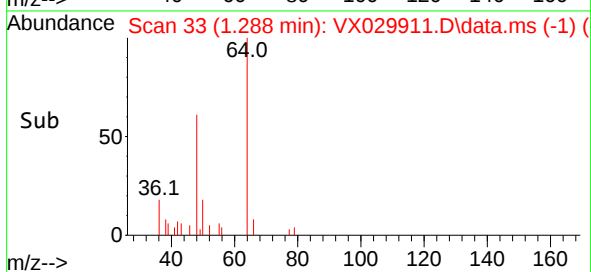
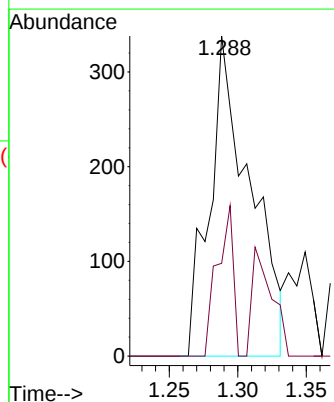
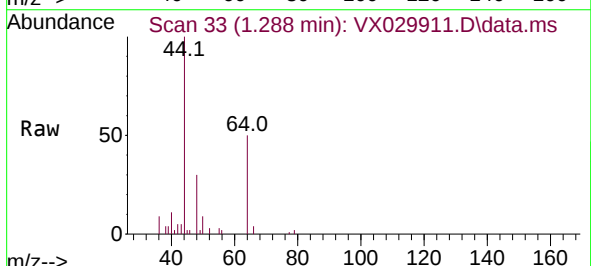
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

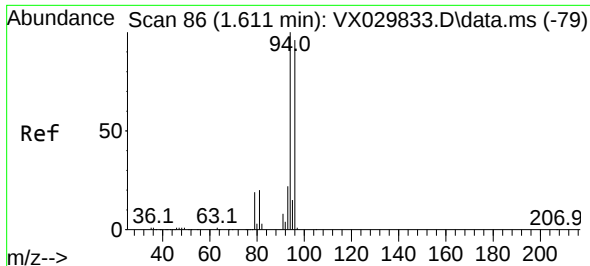
Tgt Ion:168 Resp: 231180
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#3
Chloromethane
Concen: 0.268 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 29.0 26.3 39.5

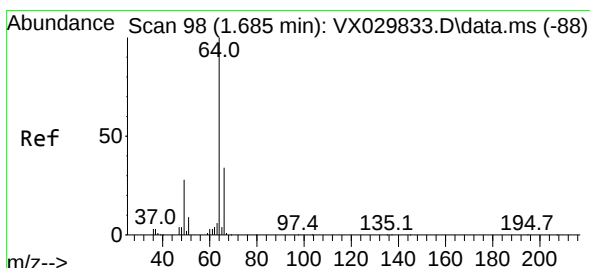
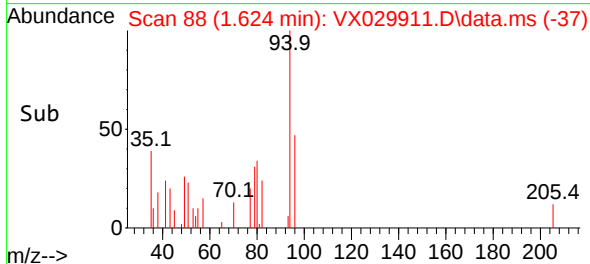
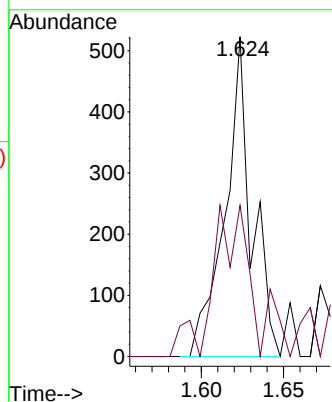
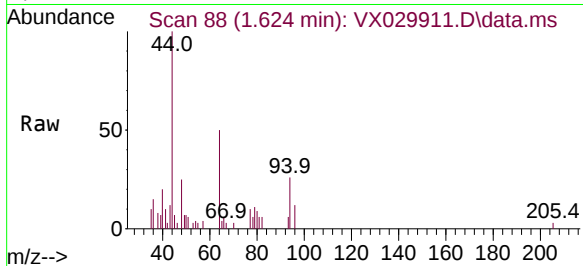




#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

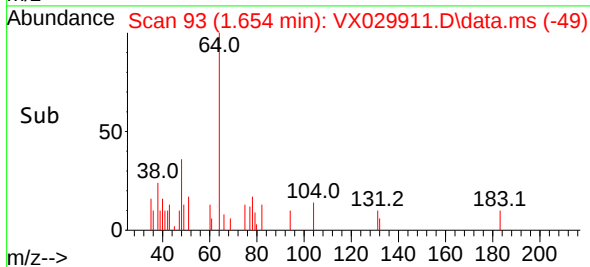
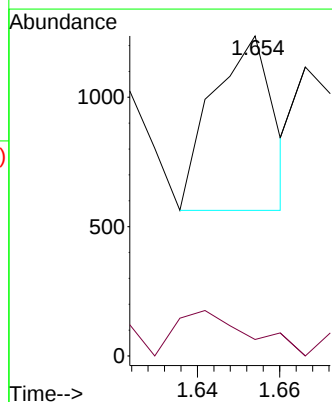
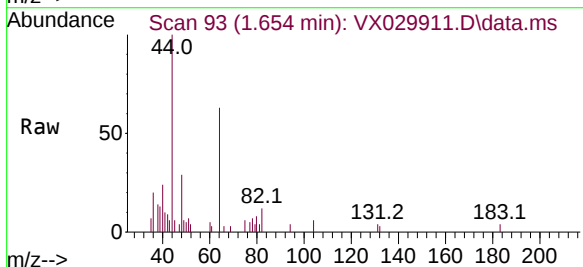
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

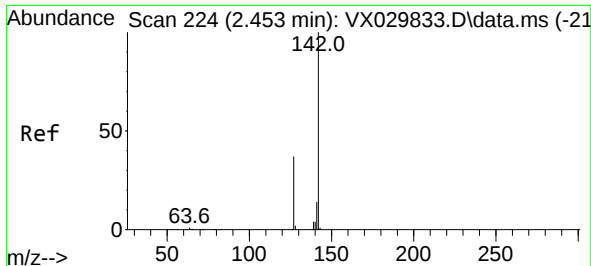
Tgt Ion: 94 Resp: 585
Ion Ratio Lower Upper
94 100
96 37.7 76.9 115.3#



#6
Chloroethane
Concen: 1.394 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 64 Resp: 695
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

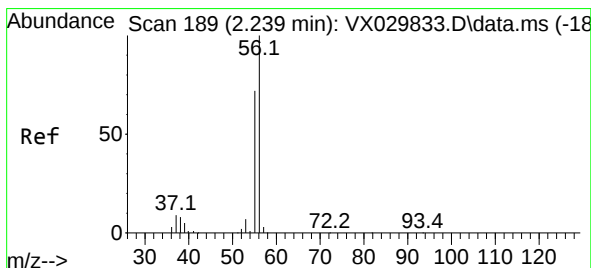
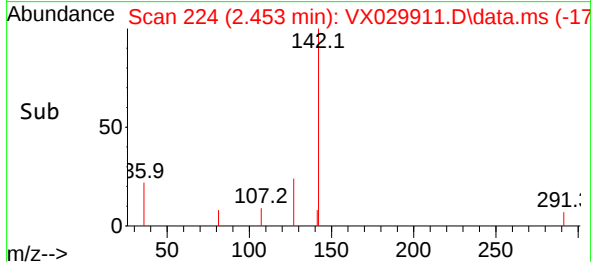
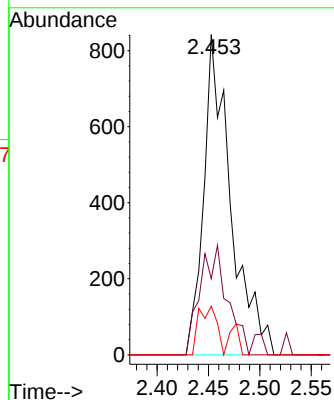
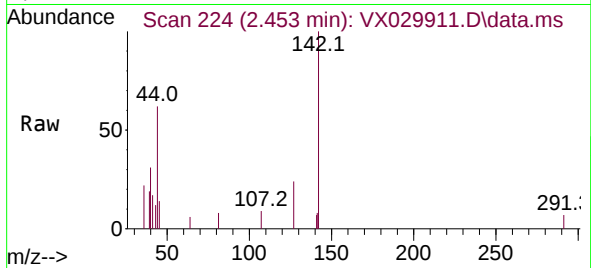




#10
Methyl Iodide
Concen: 2.341 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

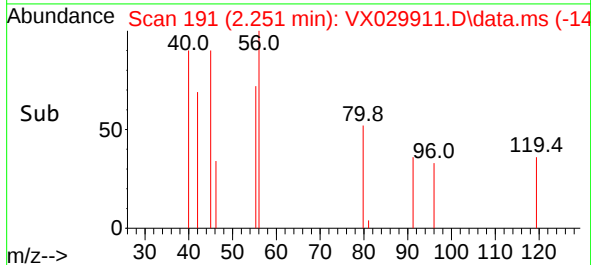
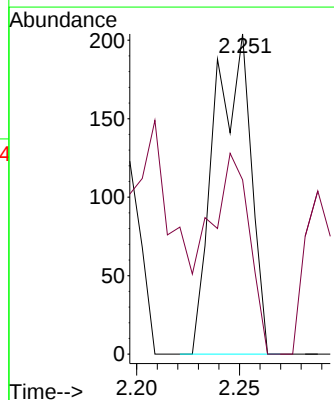
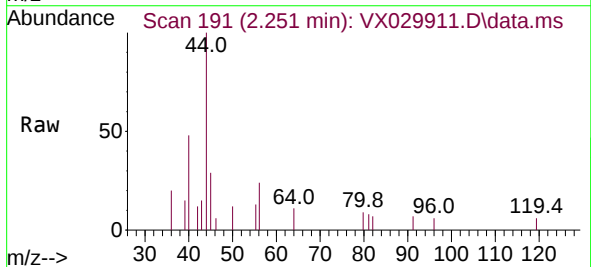
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

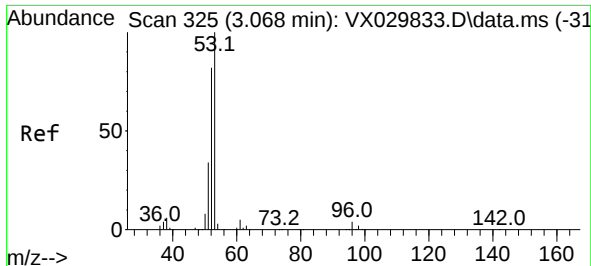
Tgt Ion:142 Resp: 1543
Ion Ratio Lower Upper
142 100
127 34.4 30.2 45.2
141 10.2 11.3 16.9#



#13
Acrolein
Concen: Below Cal
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 66.7 56.6 84.8

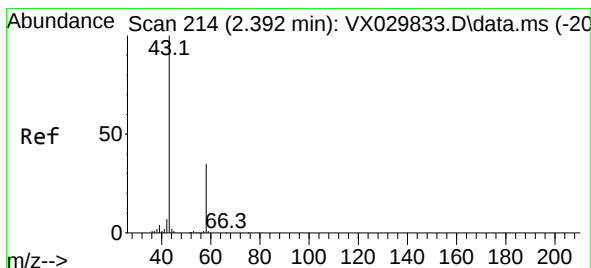
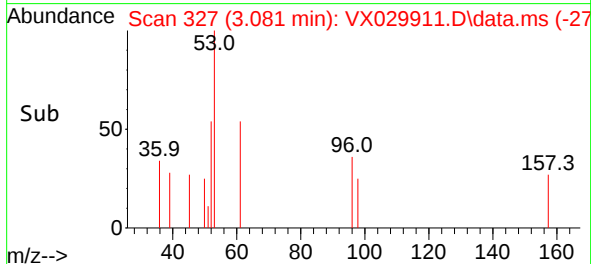
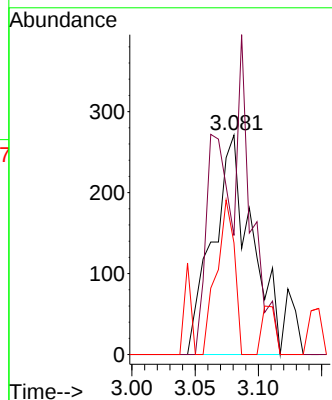
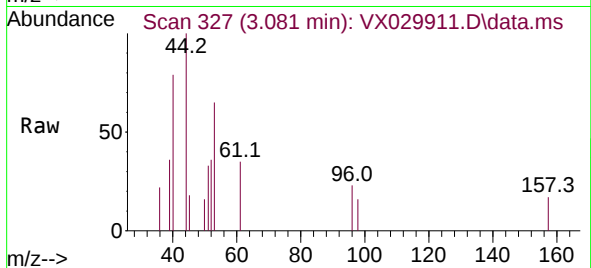




#15
Acrylonitrile
Concen: 0.322 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

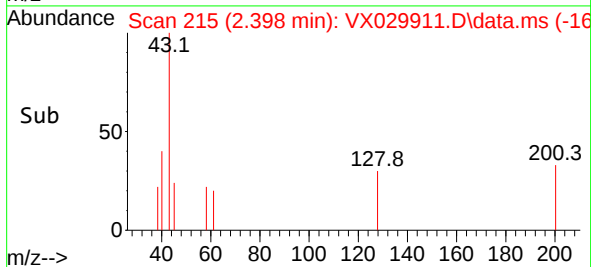
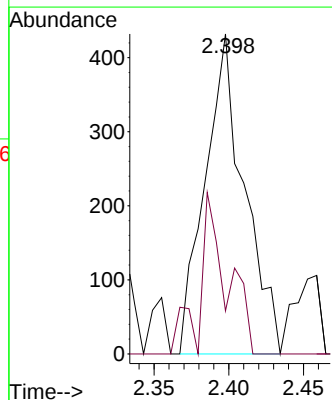
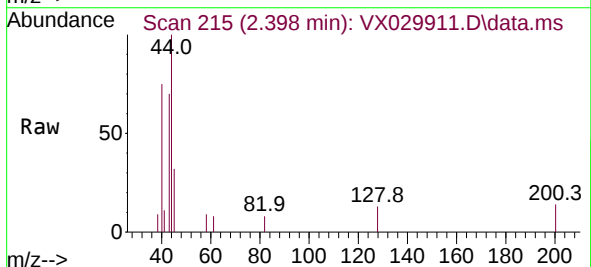
Instrument :
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ClientSampleId :
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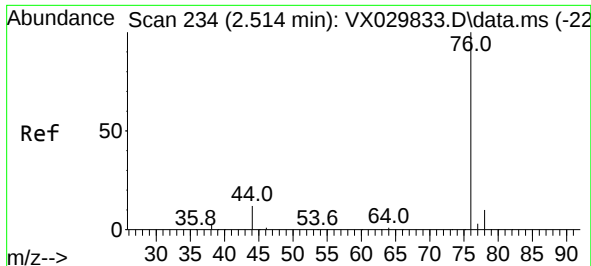
Tgt Ion: 53 Resp: 576
Ion Ratio Lower Upper
53 100
52 52.4 65.4 98.0#
51 32.8 27.7 41.5



#16
Acetone
Concen: 0.553 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 13.4 27.7 41.5#

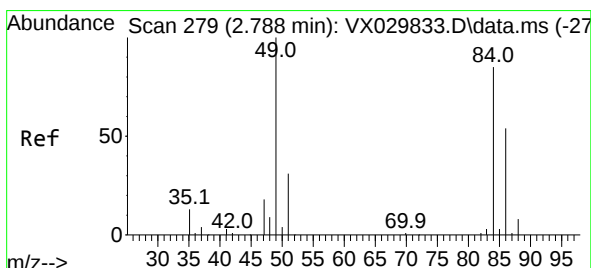
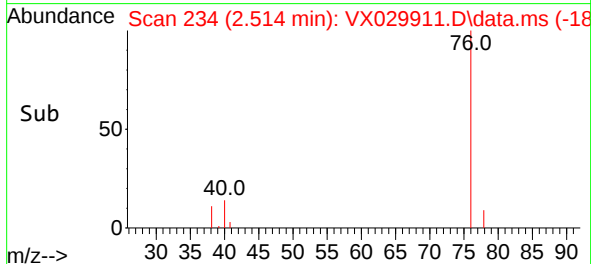
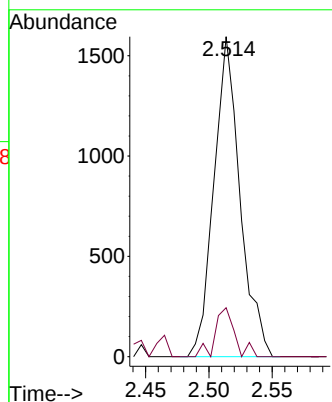
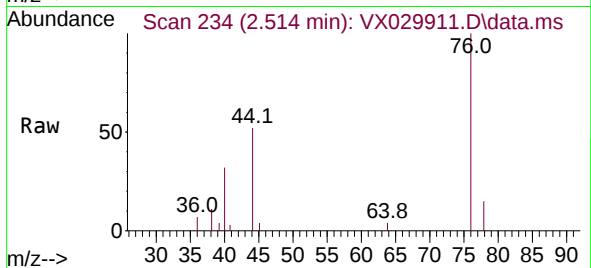




#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

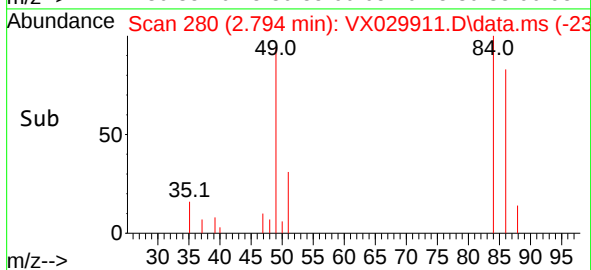
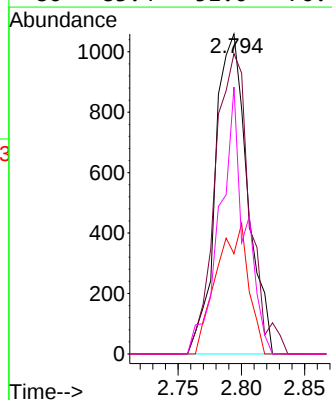
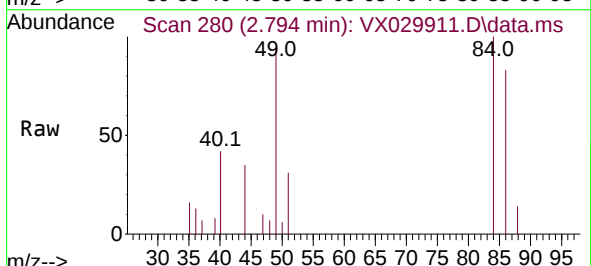
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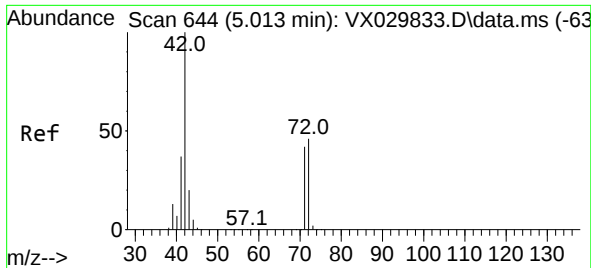
Tgt Ion: 76 Resp: 2289
Ion Ratio Lower Upper
76 100
78 15.3 7.8 11.6#



#20
Methylene Chloride
Concen: 0.617 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 84 Resp: 1867
Ion Ratio Lower Upper
84 100
49 93.9 93.8 140.6
51 31.4 29.4 44.0
86 83.4 51.0 76.4#

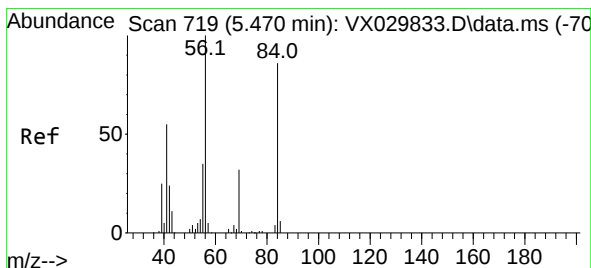
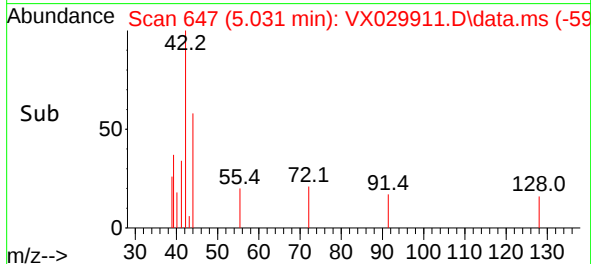
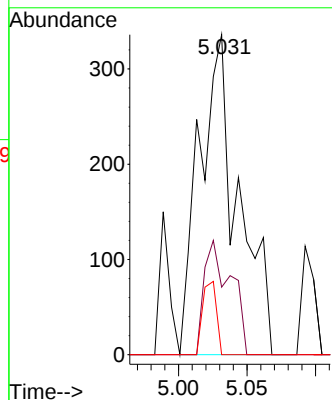
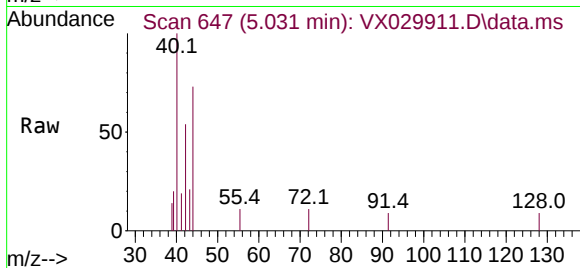




#29
Tetrahydrofuran
Concen: 0.405 ug/l
RT: 5.031 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

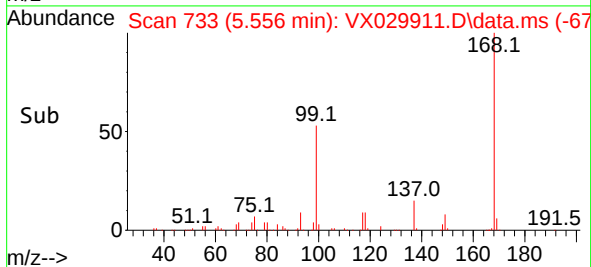
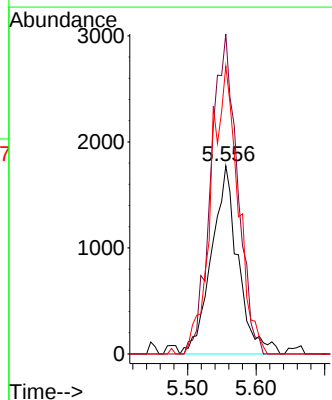
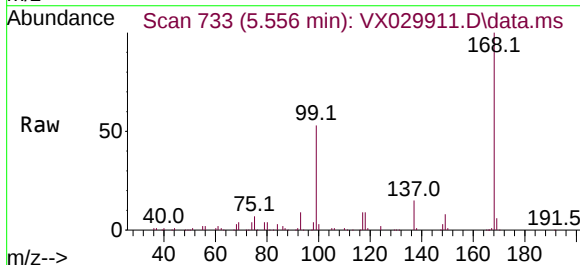
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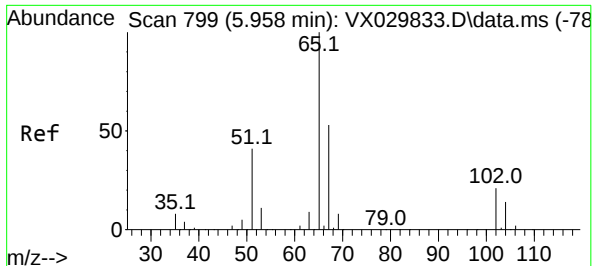
Tgt Ion: 42 Resp: 662
Ion Ratio Lower Upper
42 100
72 24.5 36.5 54.7#
71 8.2 33.9 50.9#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 56 Resp: 4762
Ion Ratio Lower Upper
56 100
69 170.1 25.4 38.0#
84 153.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 42.597 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029911.D

Acq: 05 Jul 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

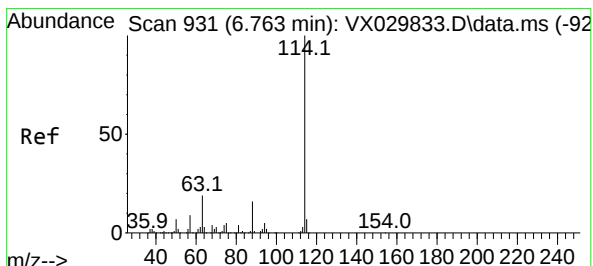
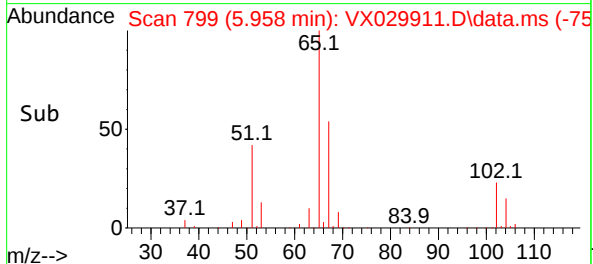
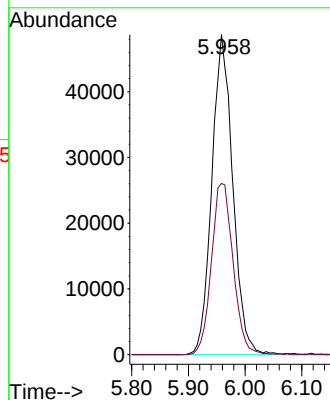
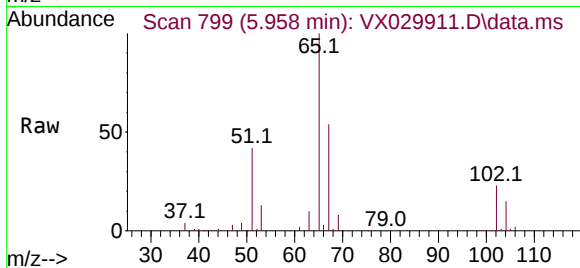
VX0705WBL01

Tgt Ion: 65 Resp: 124653

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029911.D

Acq: 05 Jul 2022 11:33

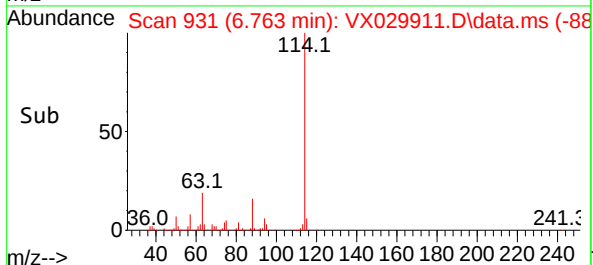
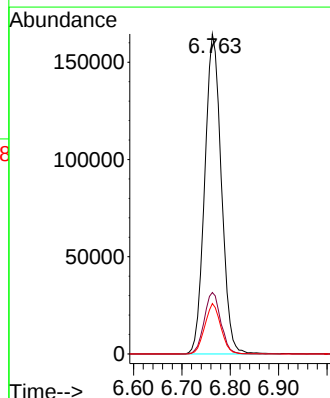
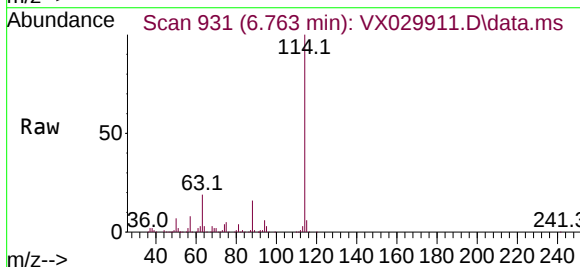
Tgt Ion: 114 Resp: 392200

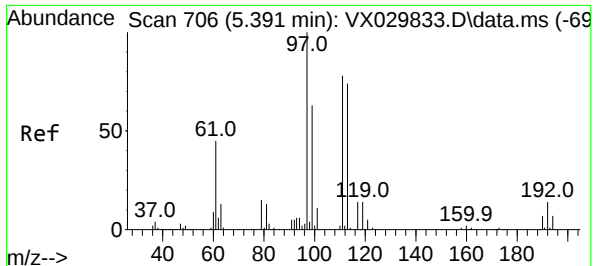
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.960 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029911.D

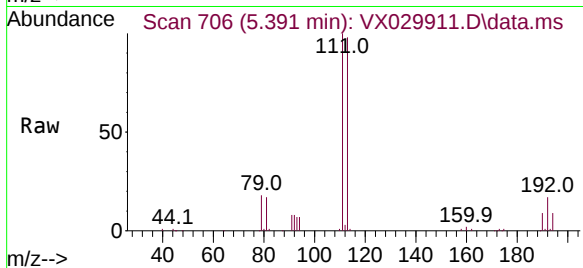
Acq: 05 Jul 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBL01



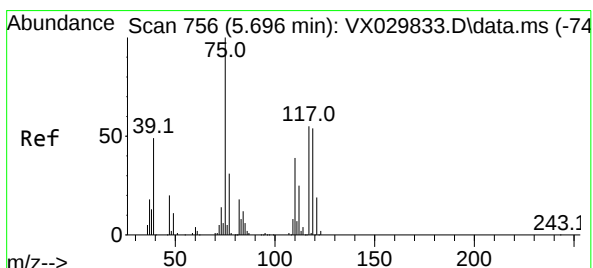
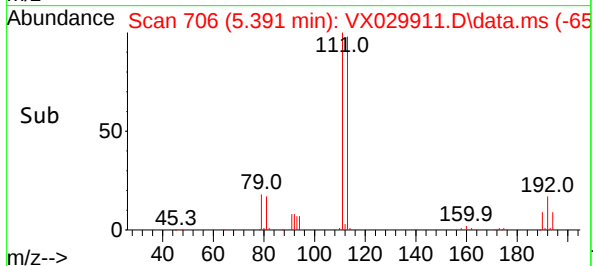
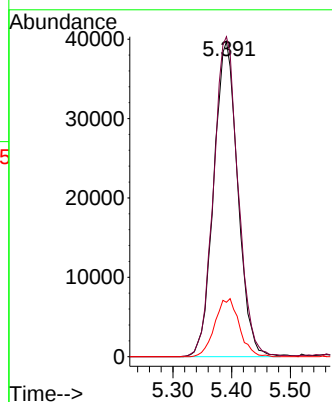
Tgt Ion:113 Resp: 112650

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029911.D

Acq: 05 Jul 2022 11:33

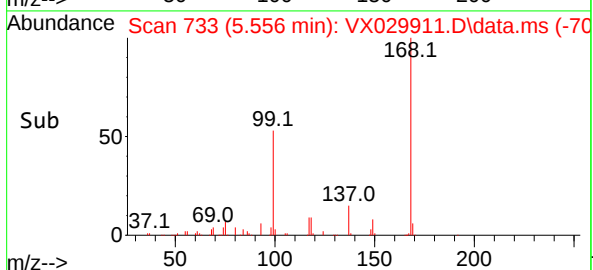
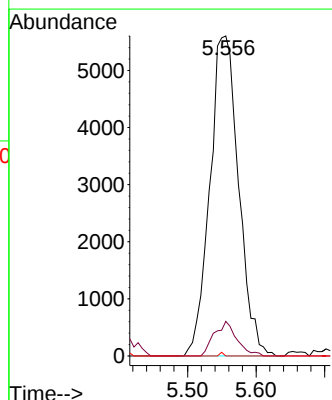
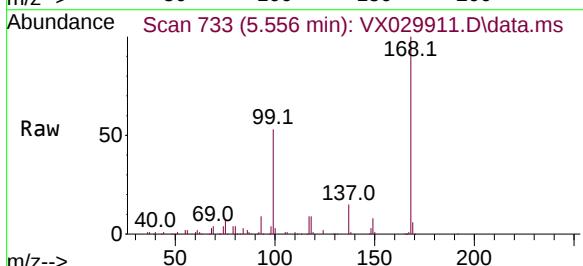
Tgt Ion: 75 Resp: 16378

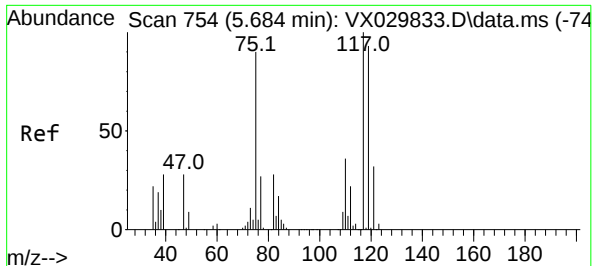
Ion Ratio Lower Upper

75 100

110 8.5 19.3 57.9#

77 0.1 24.4 36.6#

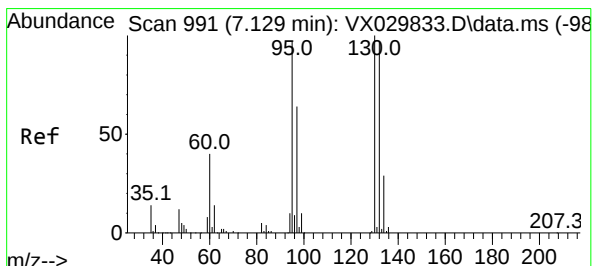
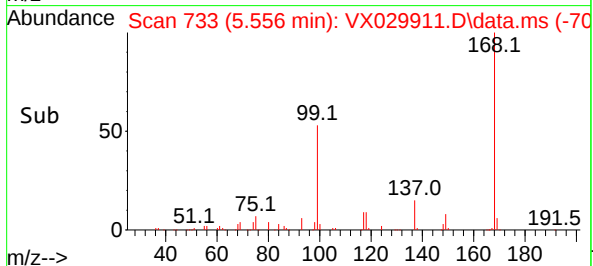
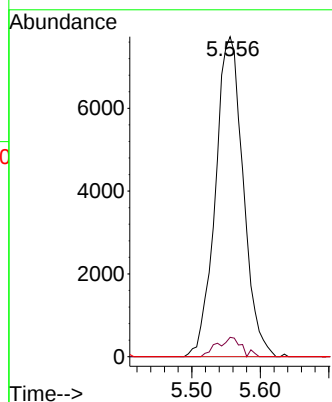
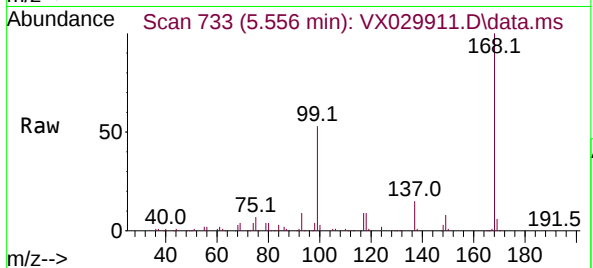




#38
Carbon Tetrachloride
Concen: 7.692 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

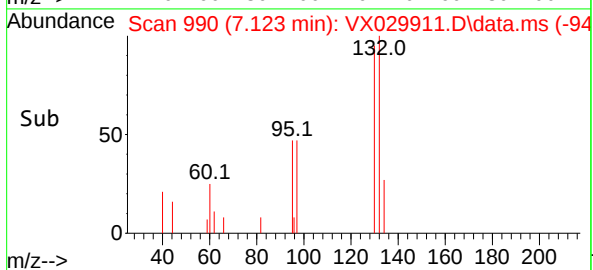
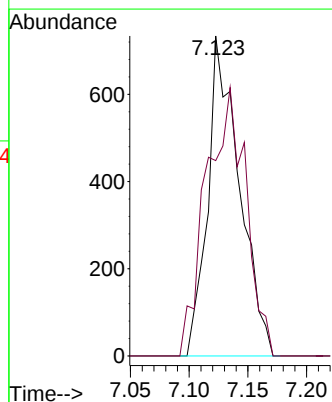
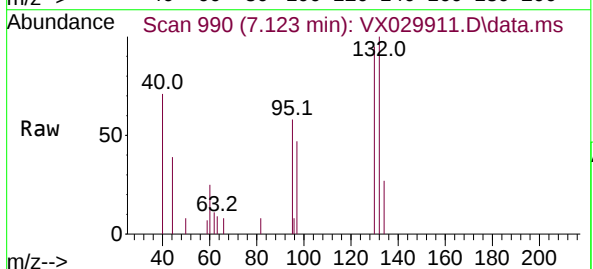
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

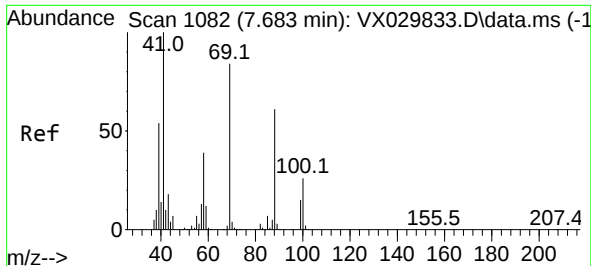
Tgt Ion:117 Resp: 21729
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.482 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion:130 Resp: 1367
Ion Ratio Lower Upper
130 100
95 61.0 0.0 194.8





#49

1,4-Dioxane

Concen: 0.332 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX029911.D

Acq: 05 Jul 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBL01

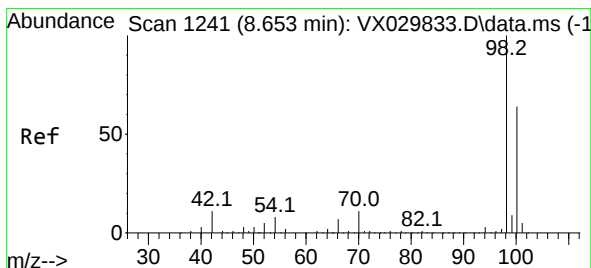
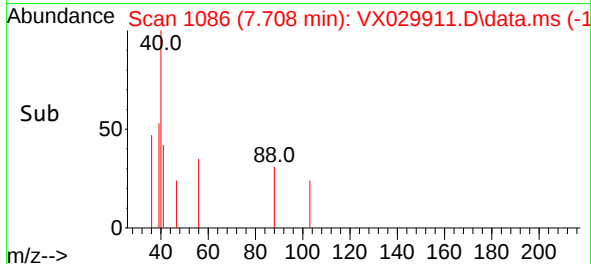
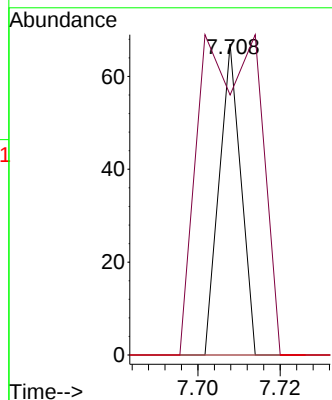
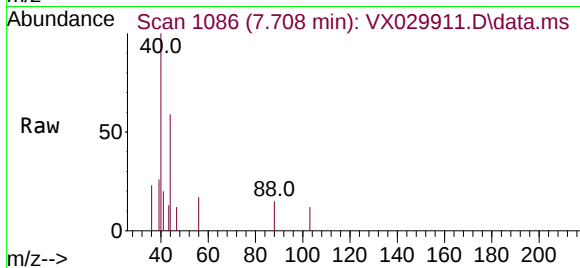
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 284.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.366 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029911.D

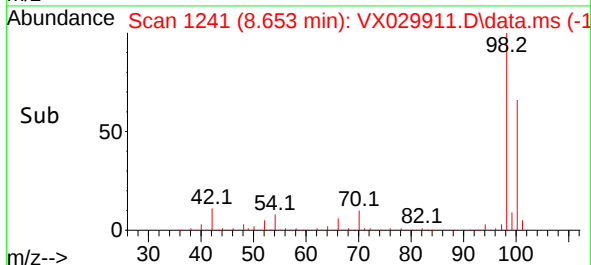
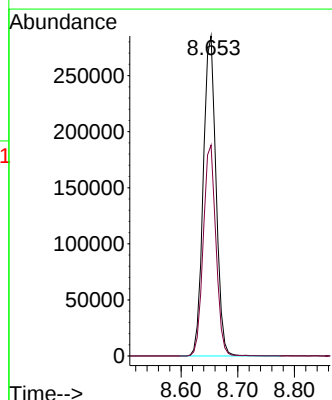
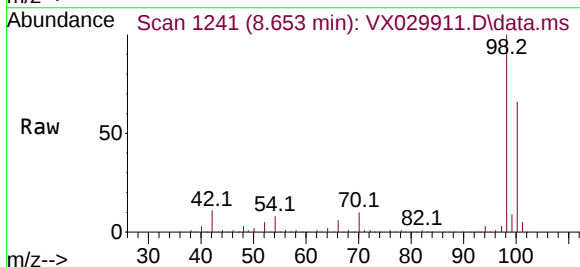
Acq: 05 Jul 2022 11:33

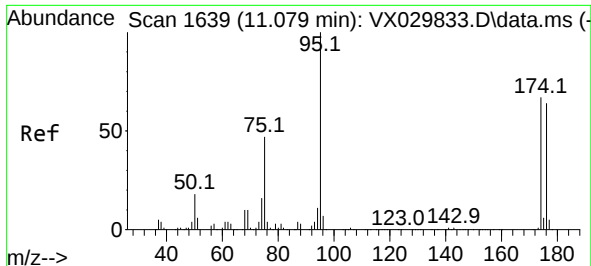
Tgt Ion: 98 Resp: 444730

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

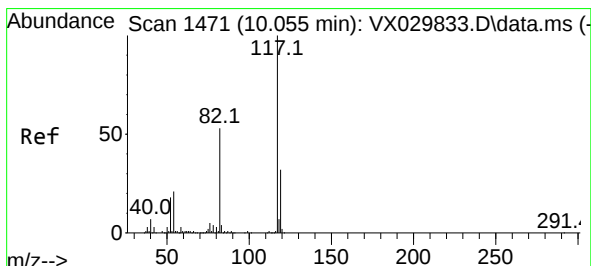
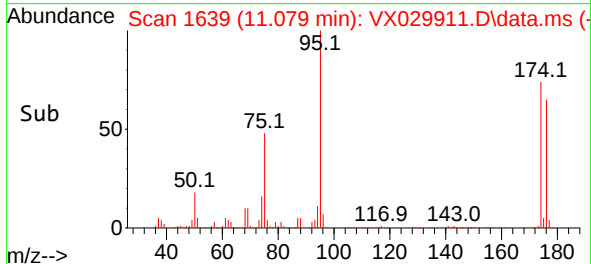
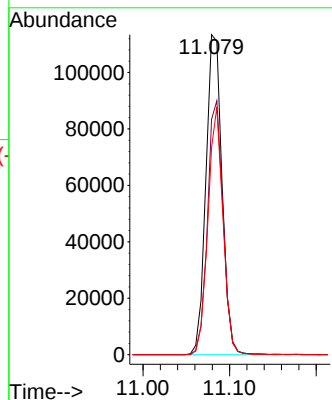
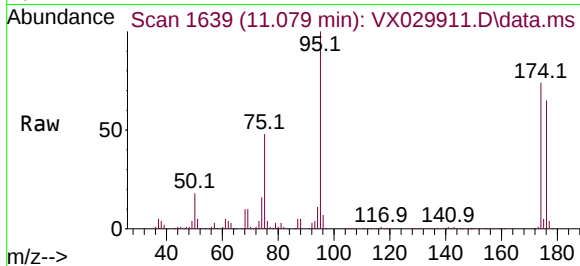




#62
4-Bromofluorobenzene
Concen: 45.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

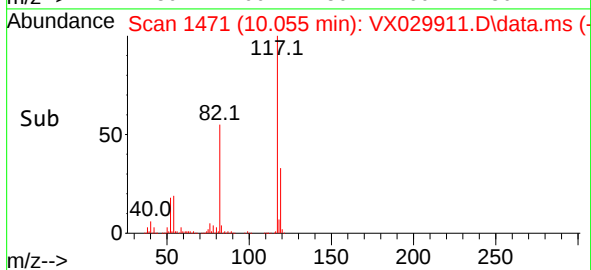
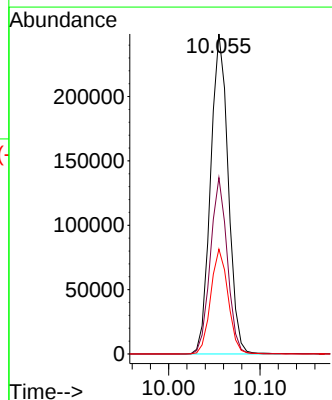
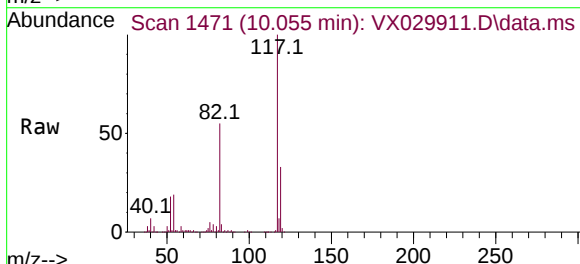
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

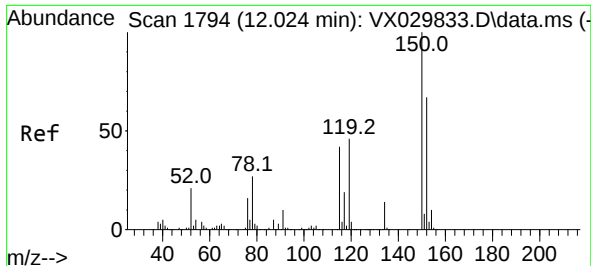
Tgt Ion: 95 Resp: 146476
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 72.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion: 117 Resp: 331972
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.7 25.4 38.2

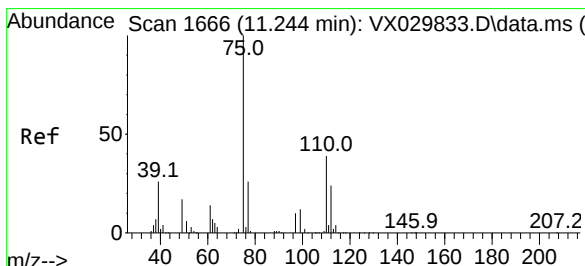
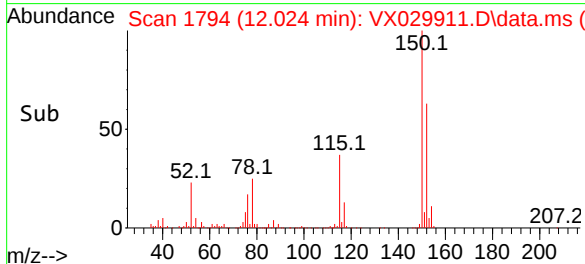
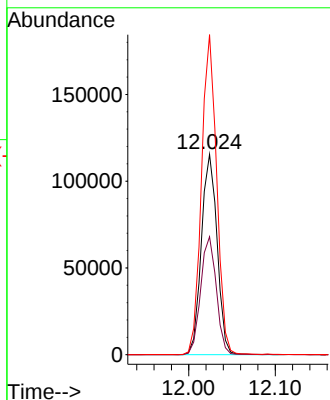
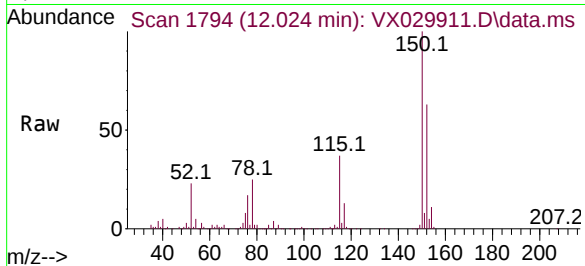




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX029911.D
 Acq: 05 Jul 2022 11:33

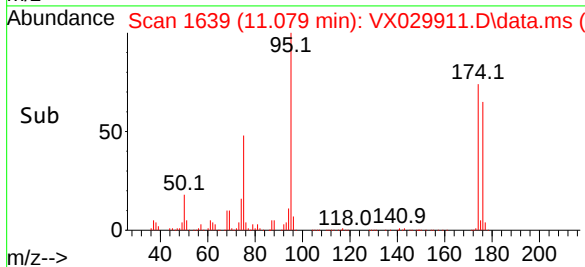
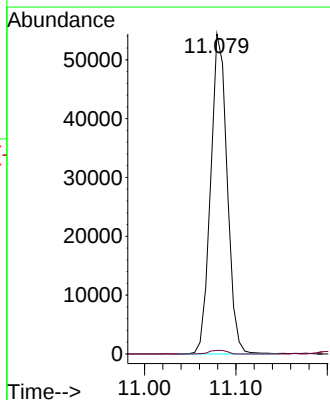
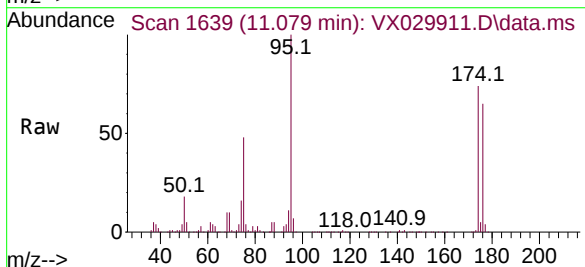
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

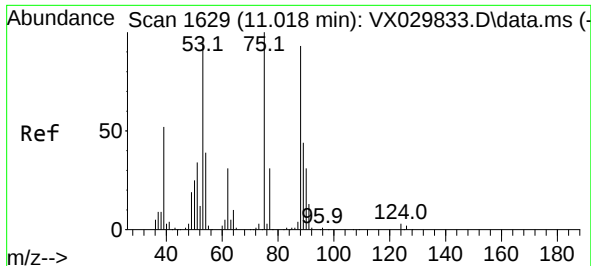
Tgt Ion:152 Resp: 145563
 Ion Ratio Lower Upper
 152 100
 115 58.6 40.5 121.5
 150 154.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.606 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029911.D
 Acq: 05 Jul 2022 11:33

Tgt Ion: 75 Resp: 68318
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#

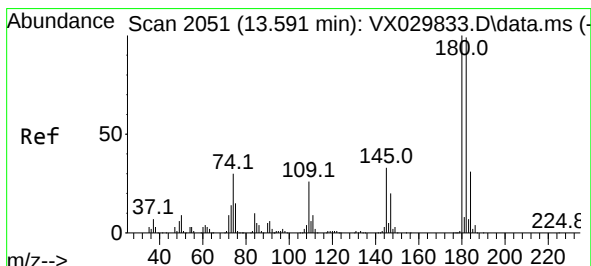
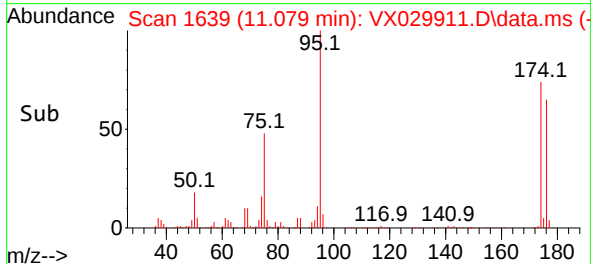
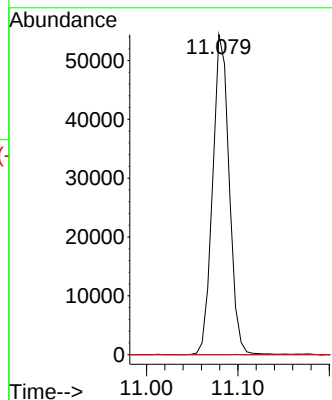
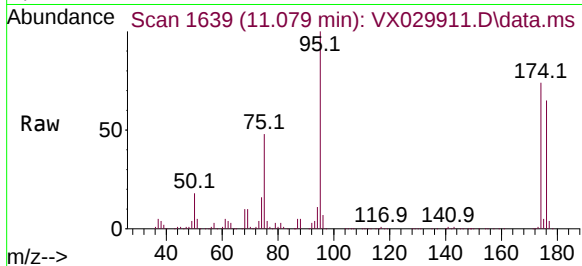




#81
trans-1,4-Dichloro-2-butene
Concen: 62.263 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

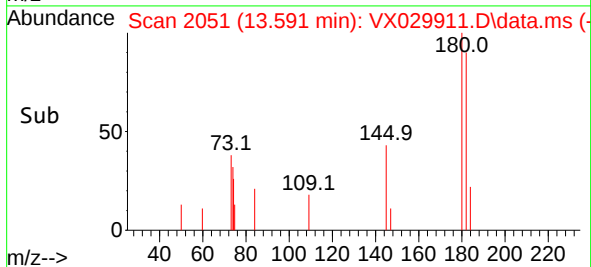
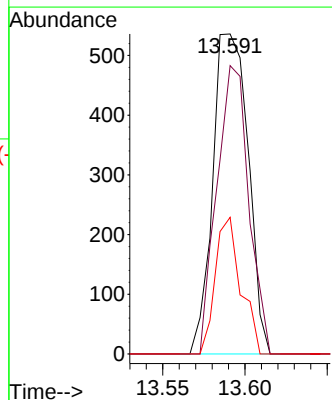
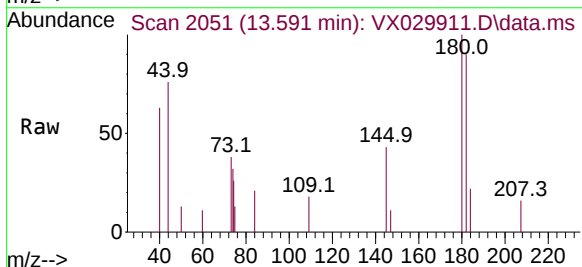
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

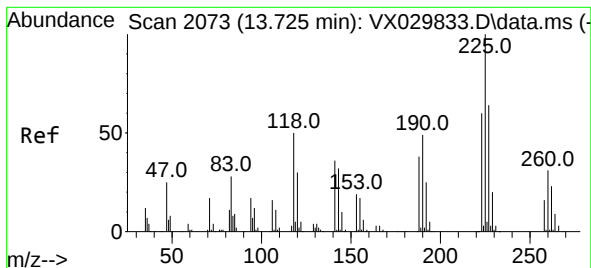
Tgt Ion: 75 Resp: 68318
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029911.D
Acq: 05 Jul 2022 11:33

Tgt Ion:180 Resp: 803
Ion Ratio Lower Upper
180 100
182 81.2 48.2 144.6
145 30.9 15.9 47.6





#94

Hexachlorobutadiene

Concen: 1.045 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX029911.D

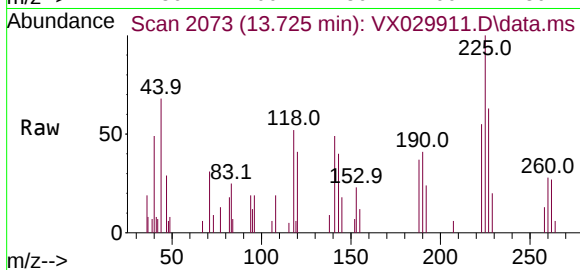
Acq: 05 Jul 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBL01



Tgt Ion:225 Resp: 1119

Ion Ratio Lower Upper

225 100

223 68.3 30.6 91.6

227 68.5 31.9 95.9

