

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029145.D
 Acq On : 02 Jun 2022 19:02
 Operator : JC/MD
 Sample : N3022-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525DL

Quant Time: Jun 03 04:33:40 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)

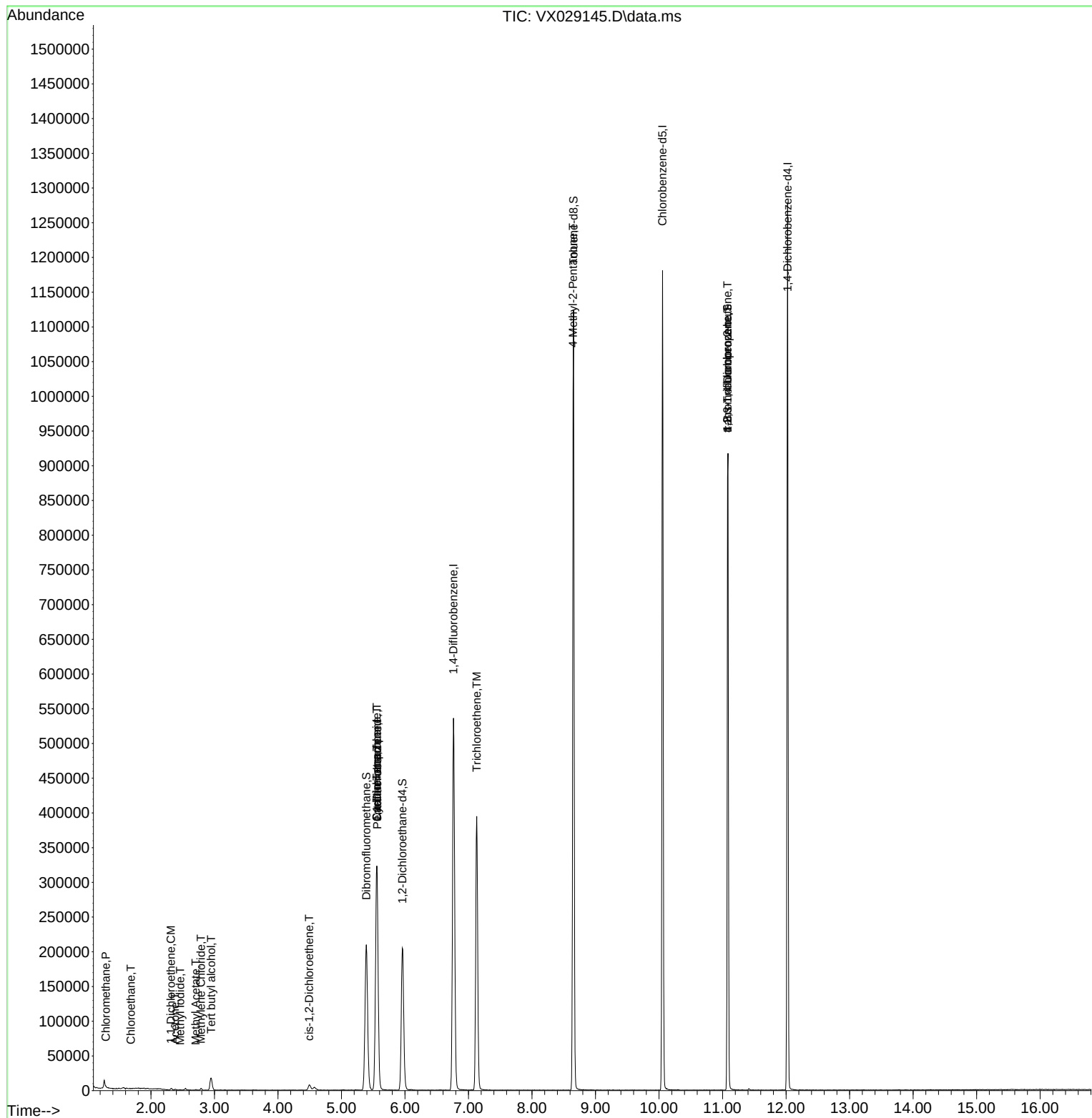
Internal Standards						
1) Pentafluorobenzene	5.562	168	305362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	547792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200453	58.214	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.420%
35) Dibromofluoromethane	5.391	113	186778	49.830	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.660%
50) Toluene-d8	8.653	98	665162	48.520	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	264828	49.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.940%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	648	0.233	ug/l	99
5) Bromomethane	1.617	94	595	Below Cal	#	80
6) Chloroethane	1.684	64	315	1.519	ug/l #	43
10) Methyl Iodide	2.459	142	467	4.351	ug/l #	50
11) Tert butyl alcohol	2.946	59	10631	13.327	ug/l #	76
12) 1,1-Dichloroethene	2.312	96	901	0.327	ug/l	91
16) Acetone	2.379	43	1240	0.915	ug/l #	84
18) Methyl Acetate	2.703	43	793	0.226	ug/l #	80
20) Methylene Chloride	2.788	84	1114	0.352	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	5430	1.466	ug/l	91
31) Cyclohexane	5.556	56	5695	1.272	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22670	4.700	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31591	5.732	ug/l #	17
44) Trichloroethene	7.129	130	159856	37.575	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	2406	0.495	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	128420	24.958	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128420	73.222	ug/l #	15

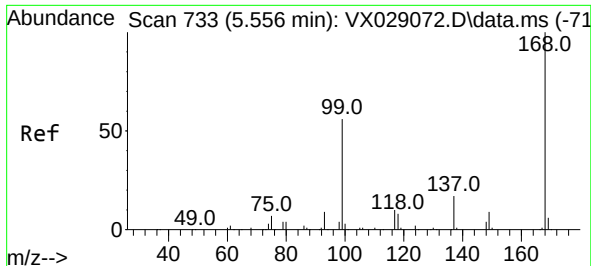
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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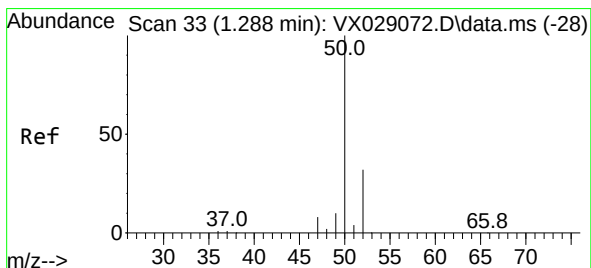
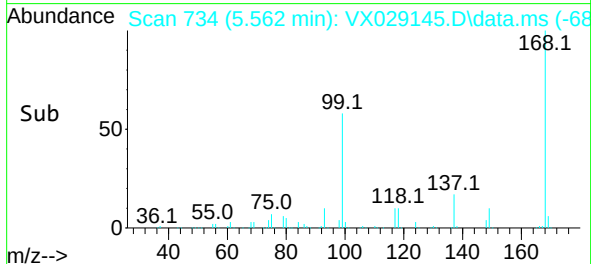
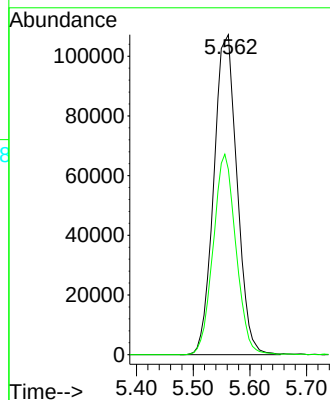
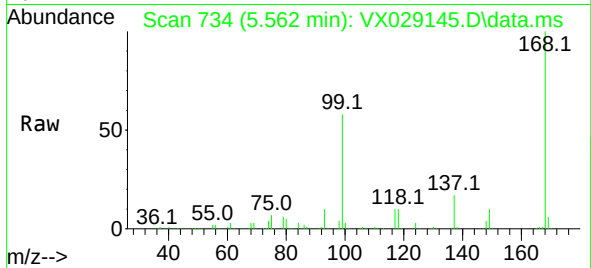




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

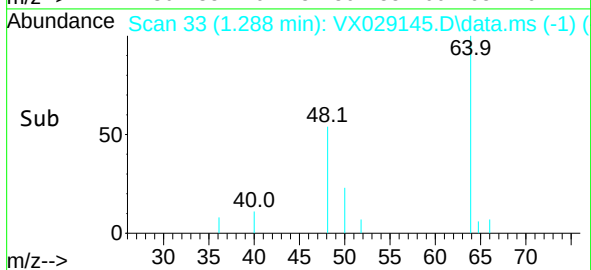
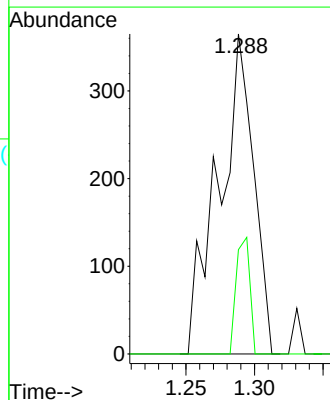
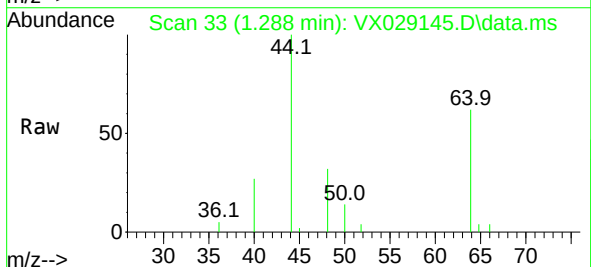
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

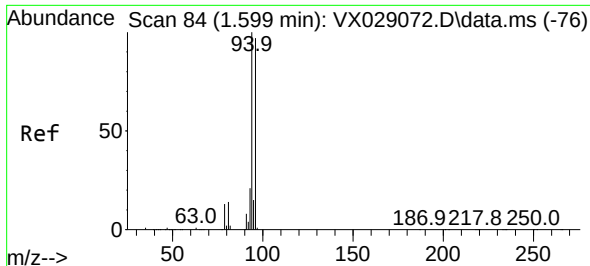
Tgt Ion:168 Resp: 305362
Ion Ratio Lower Upper
168 100
99 57.9 41.7 62.5



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 50 Resp: 648
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

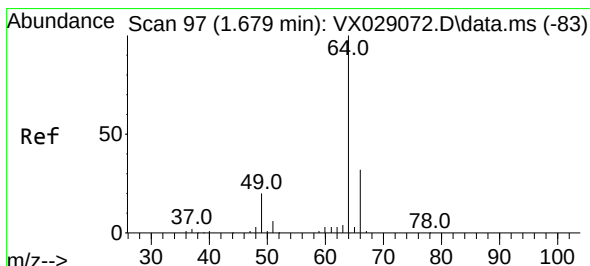
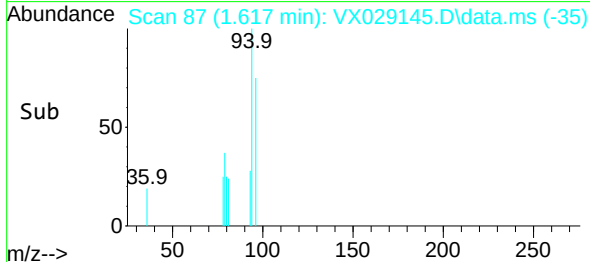
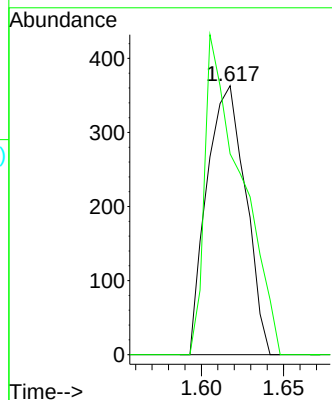
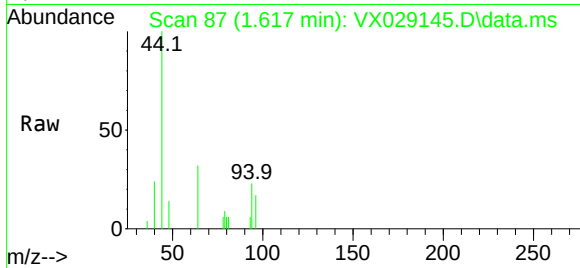




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

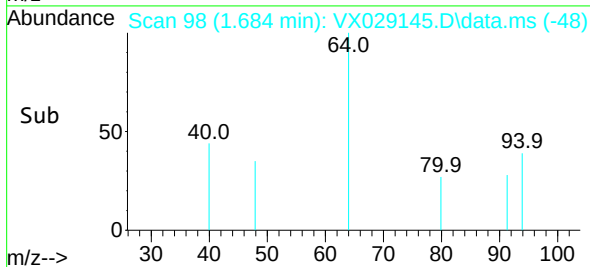
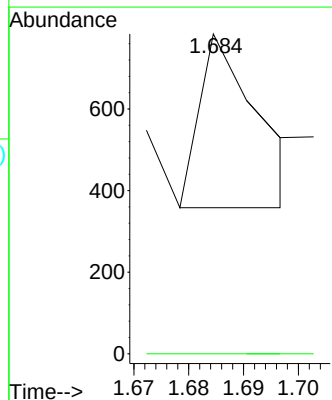
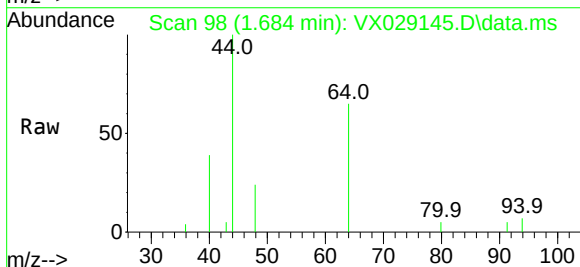
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

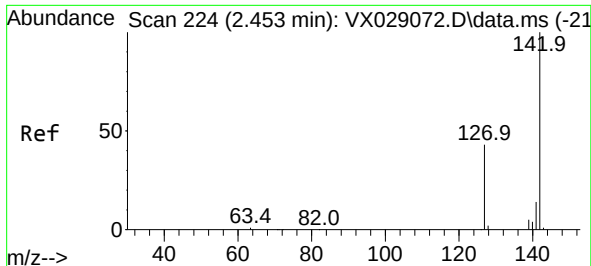
Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 74.7 75.3 112.9#



#6
Chloroethane
Concen: 1.519 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

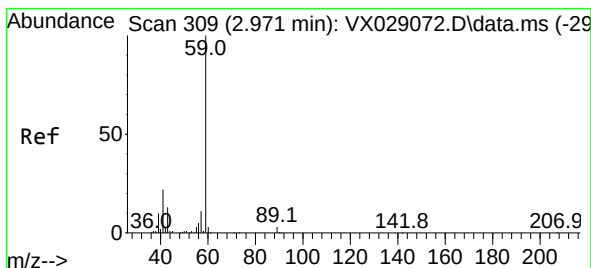
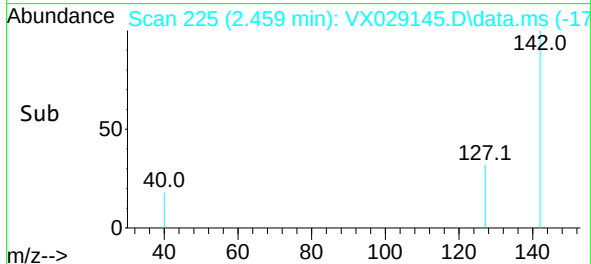
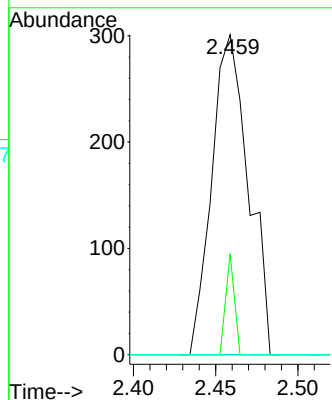
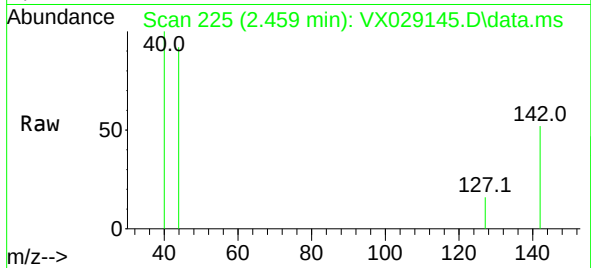




#10
Methyl Iodide
Concen: 4.351 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

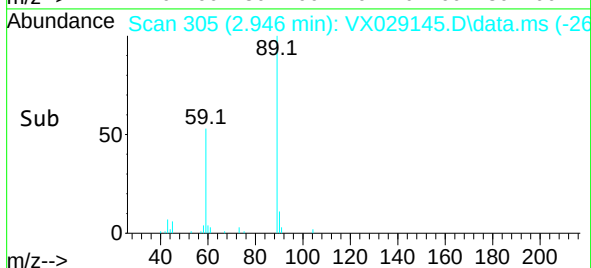
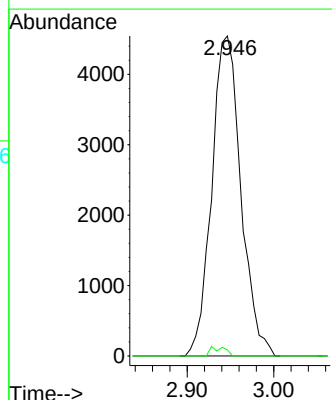
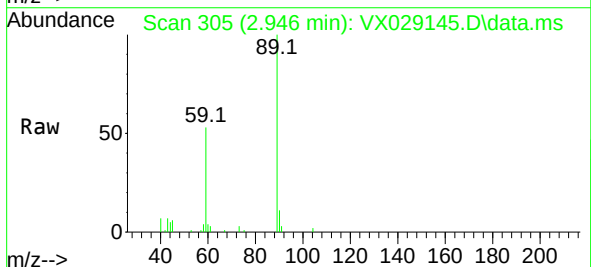
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

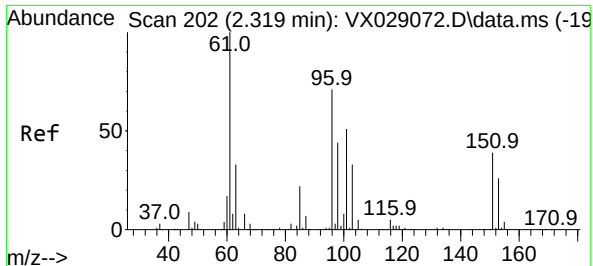
Tgt Ion:142 Resp: 467
Ion Ratio Lower Upper
142 100
127 7.5 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 13.327 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 59 Resp: 10631
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.327 ug/l

RT: 2.312 min Scan# 20

Delta R.T. -0.007 min

Lab File: VX029145.D

Acq: 02 Jun 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

48BR-20220525DL

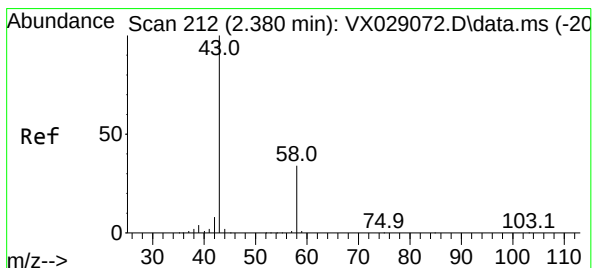
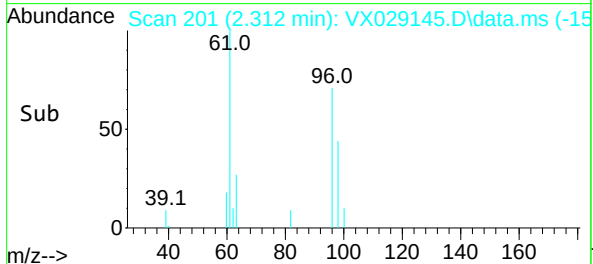
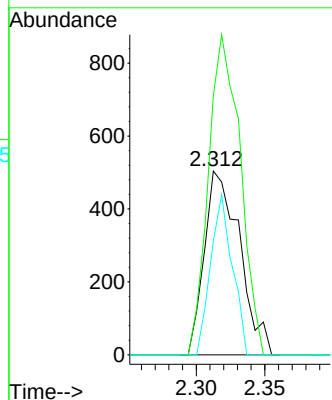
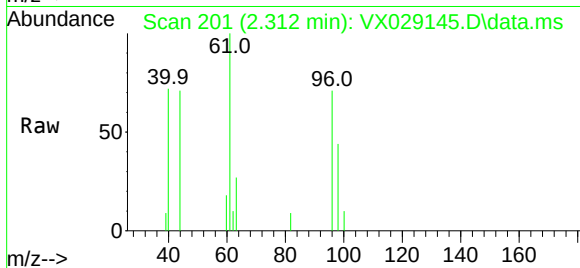
Tgt Ion: 96 Resp: 901

Ion Ratio Lower Upper

96 100

61 140.9 124.6 187.0

98 61.9 51.0 76.4



#16

Acetone

Concen: 0.915 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX029145.D

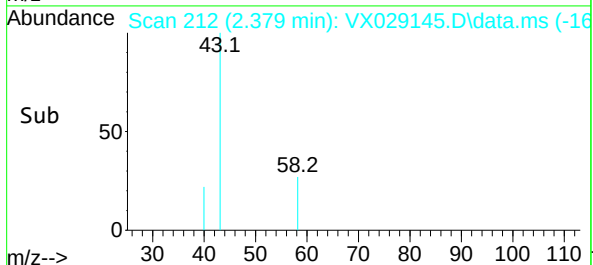
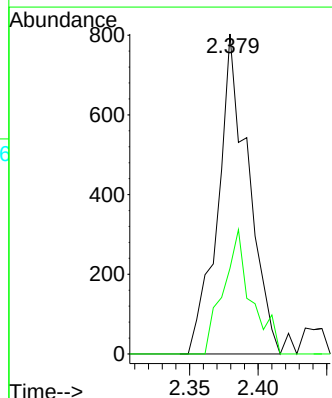
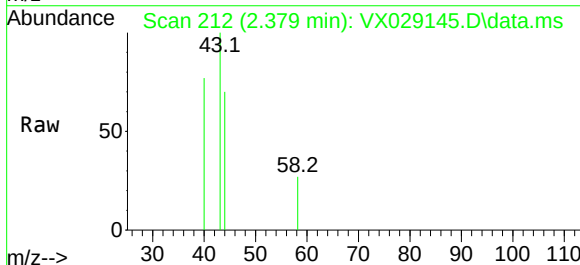
Acq: 02 Jun 2022 19:02

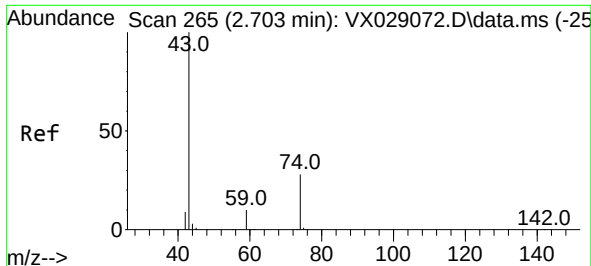
Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 26.8 28.8 43.2#

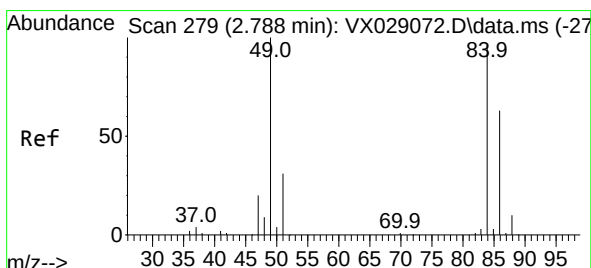
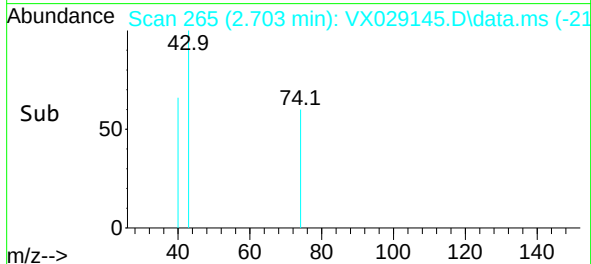
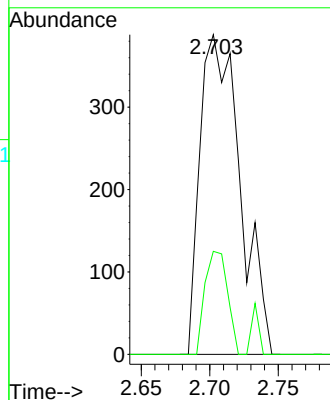
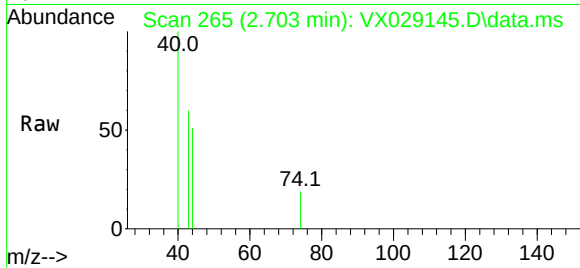




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

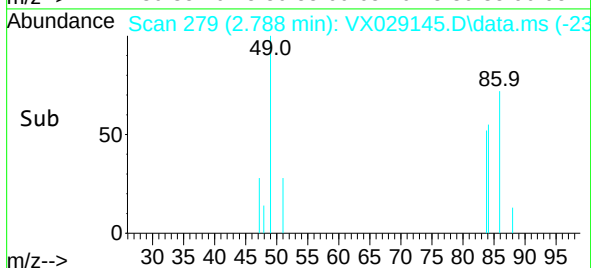
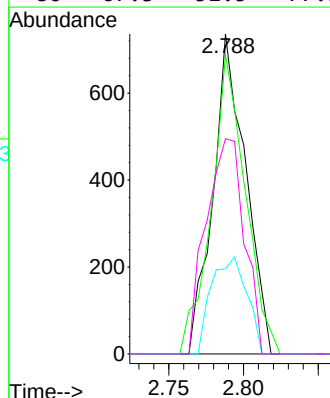
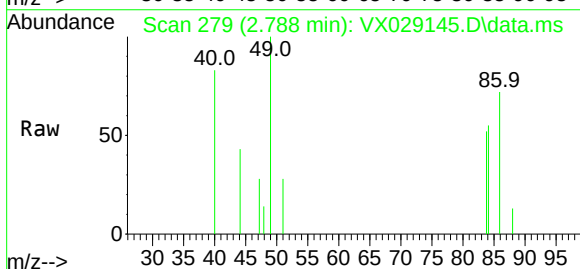
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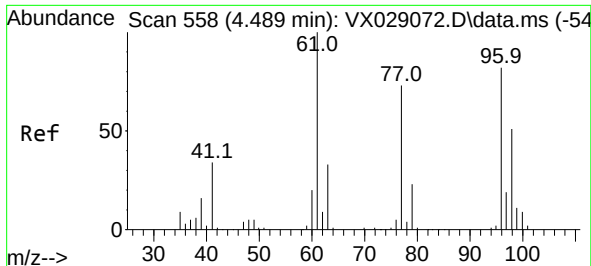
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
74 18.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 84 Resp: 1114
Ion Ratio Lower Upper
84 100
49 93.5 85.5 128.3
51 26.6 26.6 39.8
86 67.3 51.5 77.3

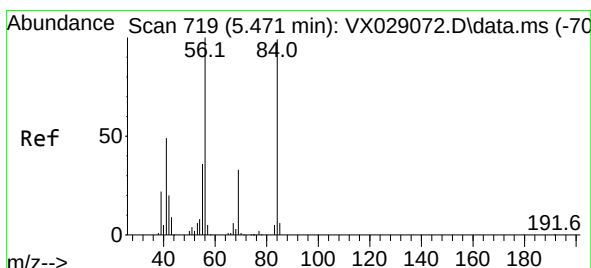
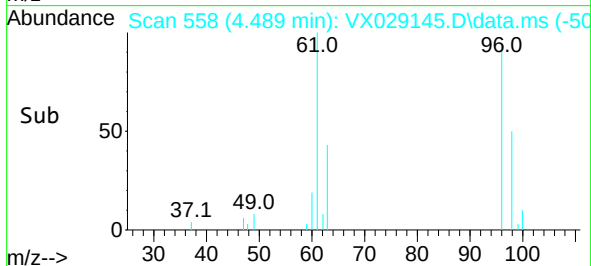
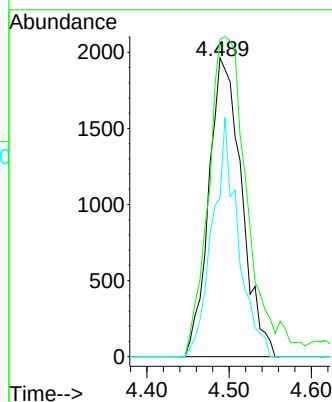
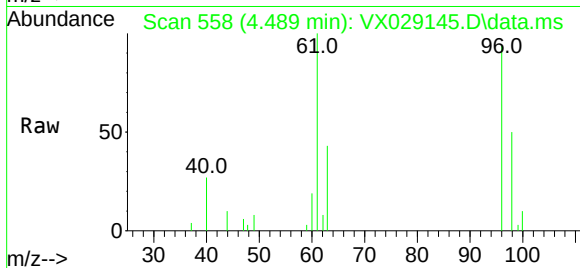




#27
 cis-1,2-Dichloroethene
 Concen: 1.466 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX029145.D
 Acq: 02 Jun 2022 19:02

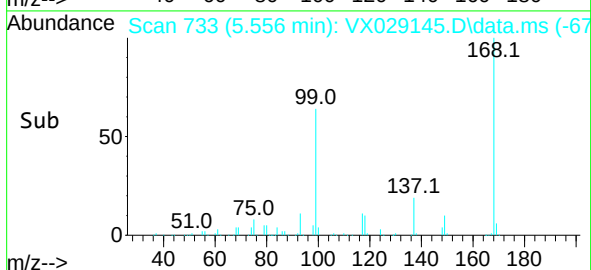
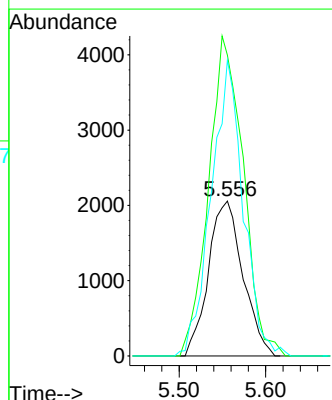
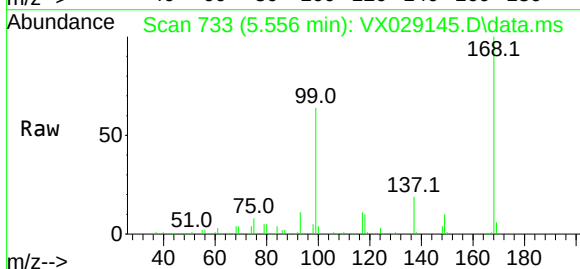
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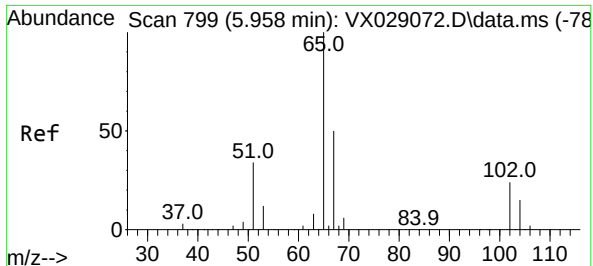
Tgt Ion: 96	Resp: 5430
Ion Ratio	Lower Upper
96 100	
61 127.6	0.0 283.8
98 62.5	0.0 129.8



#31
 Cyclohexane
 Concen: 1.272 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX029145.D
 Acq: 02 Jun 2022 19:02

Tgt Ion: 56	Resp: 5695		
Ion Ratio	Lower	Upper	
56	100		
69	194.3	26.7	40.1#
84	188.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029145.D

Acq: 02 Jun 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

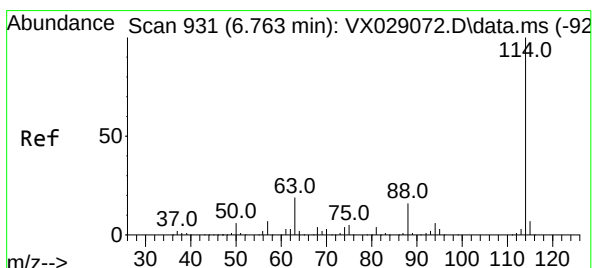
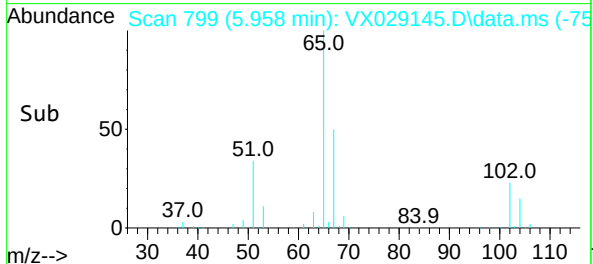
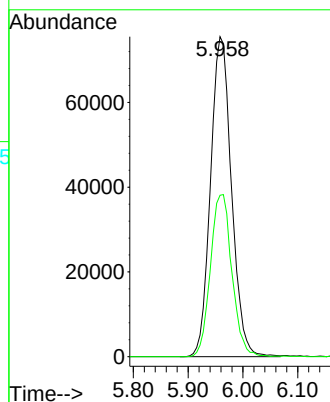
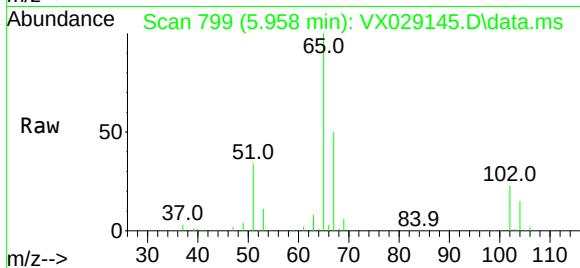
48BR-20220525DL

Tgt Ion: 65 Resp: 200453

Ion Ratio Lower Upper

65 100

67 51.9 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: VX029145.D

Acq: 02 Jun 2022 19:02

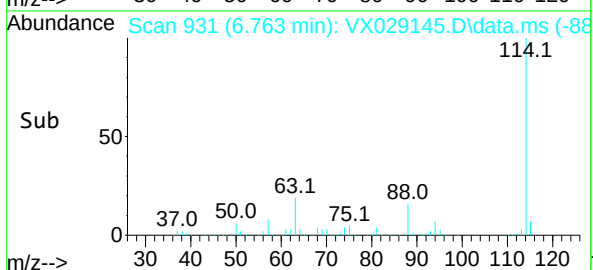
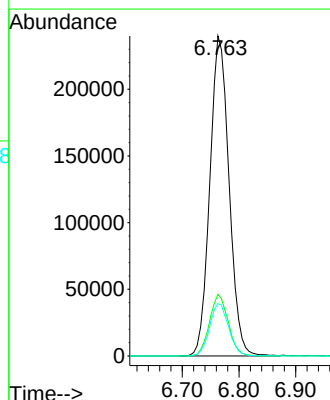
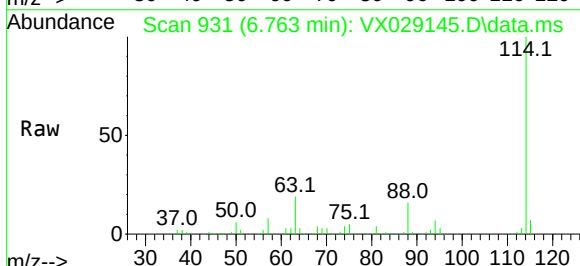
Tgt Ion: 114 Resp: 564309

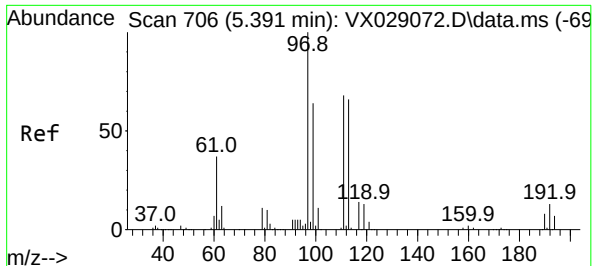
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.3 0.0 32.4

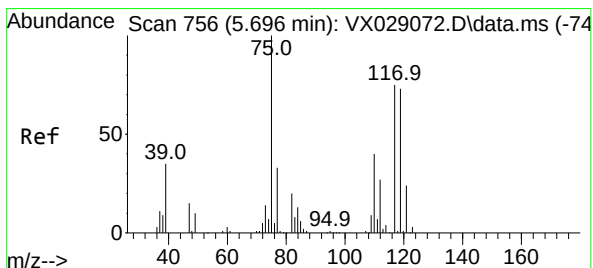
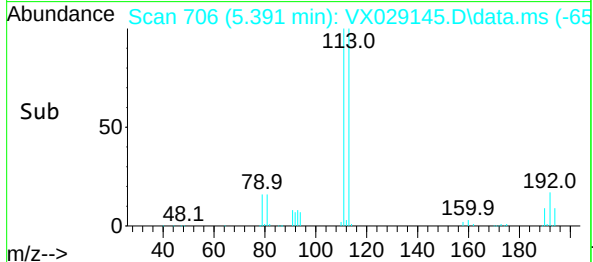
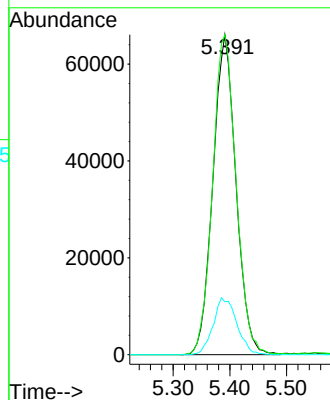
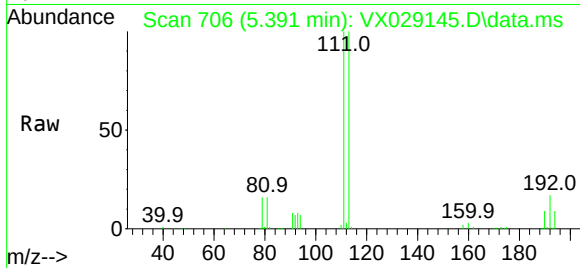




#35
Dibromofluoromethane
Concen: 49.830 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

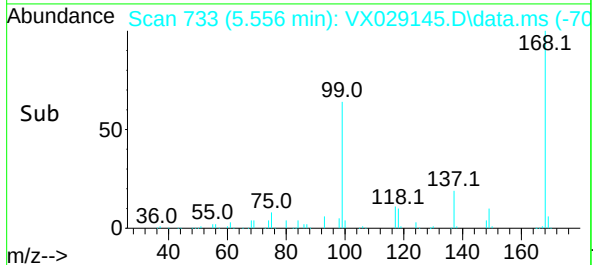
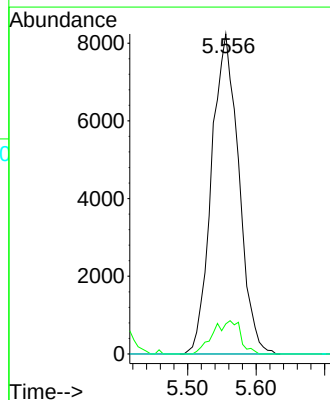
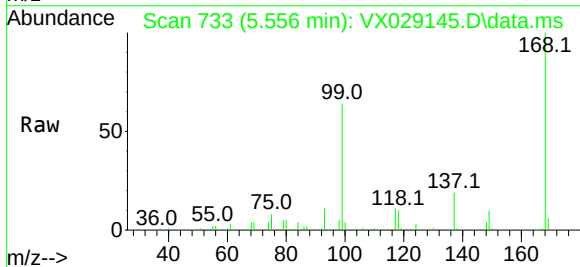
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

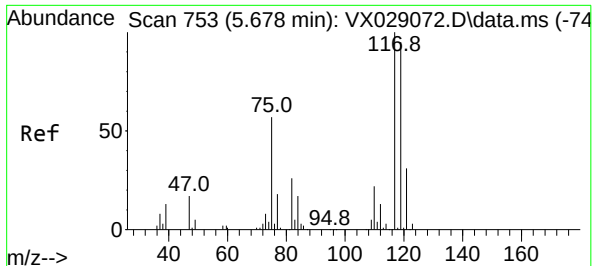
Tgt Ion:113 Resp: 186778
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

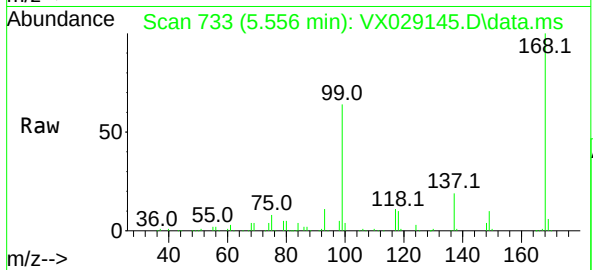
Tgt Ion: 75 Resp: 22670
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#



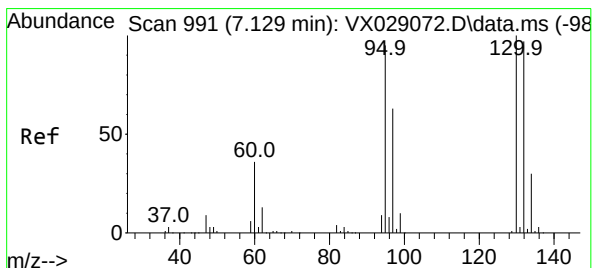
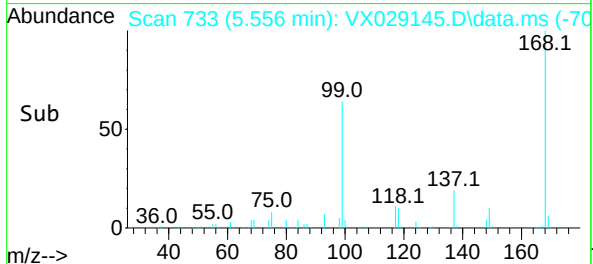
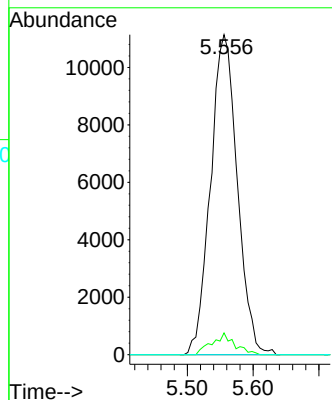


#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

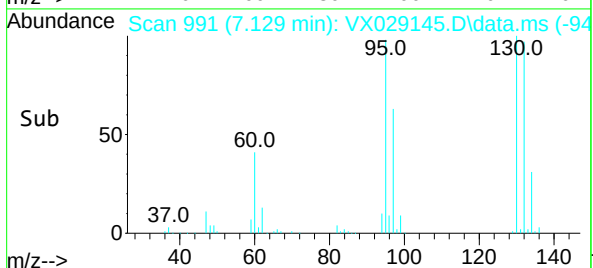
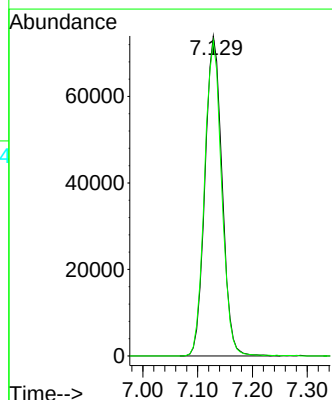
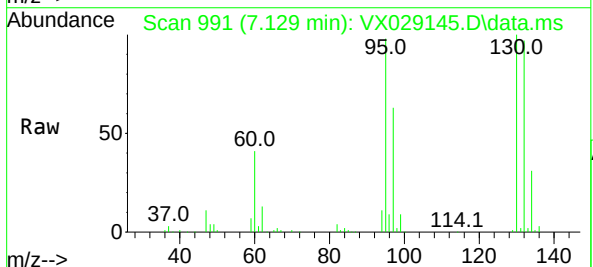


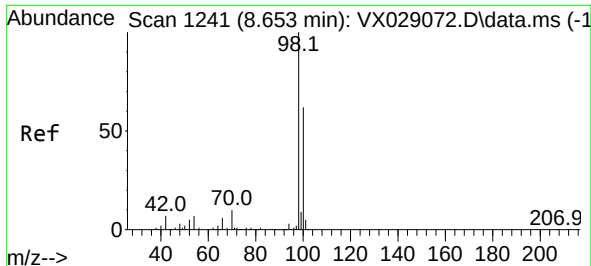
Tgt Ion:117 Resp: 31591
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 37.575 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion:130 Resp: 159856
Ion Ratio Lower Upper
130 100
95 98.5 0.0 188.8

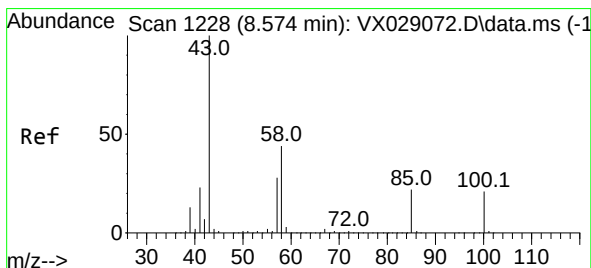
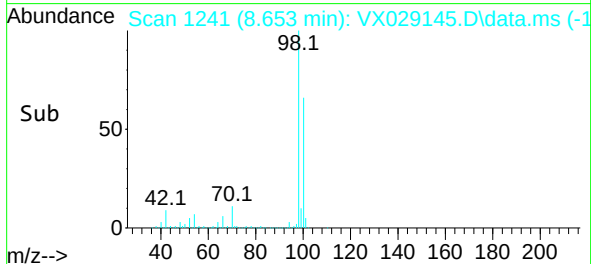
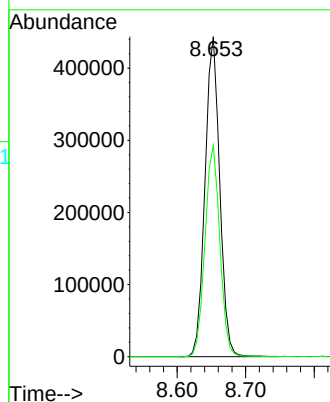
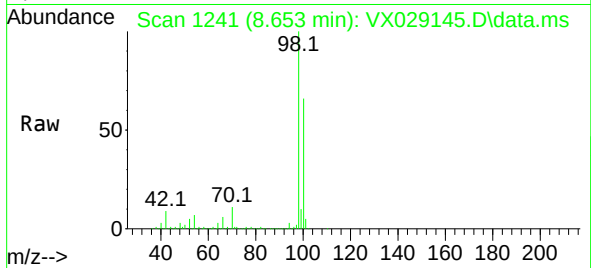




#50
Toluene-d8
Concen: 48.520 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

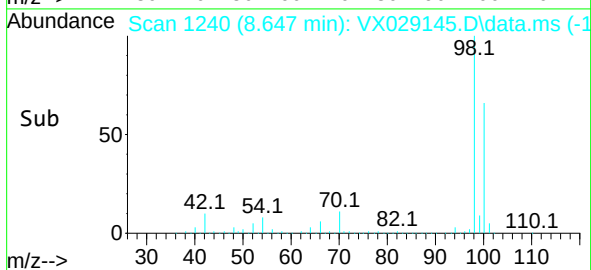
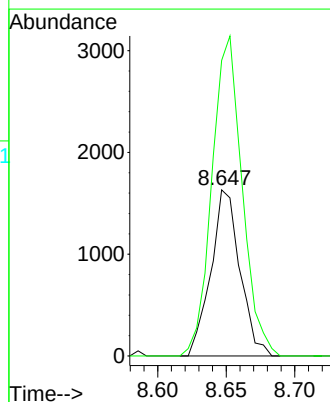
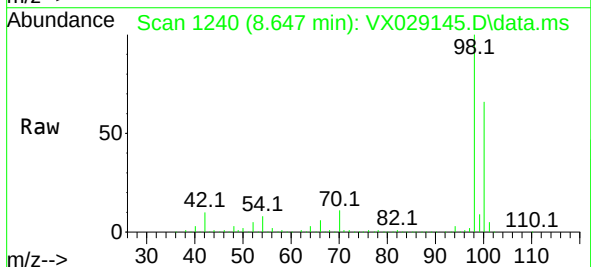
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

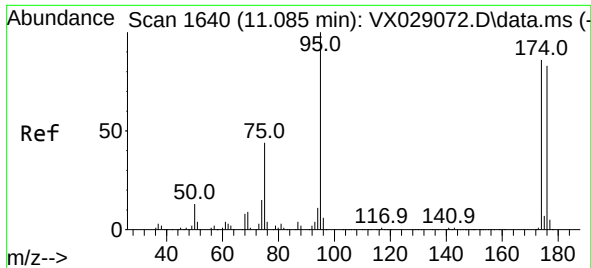
Tgt Ion: 98 Resp: 665162
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
58 200.4 36.1 54.1#

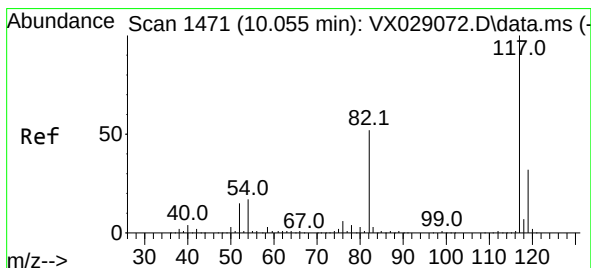
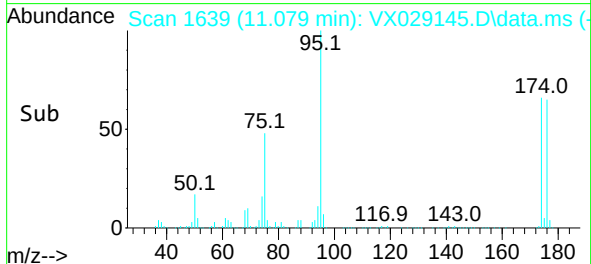
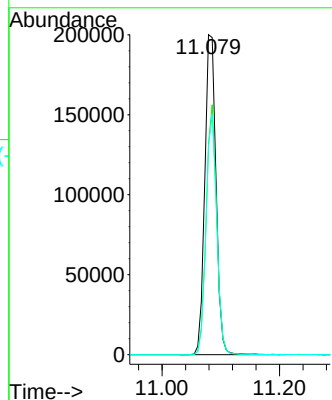
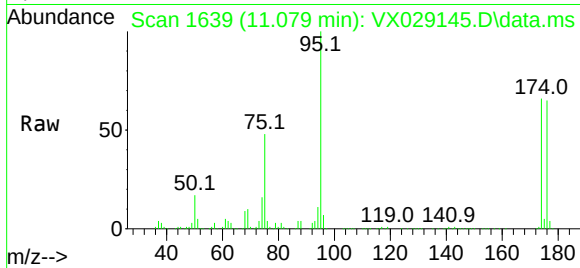




#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

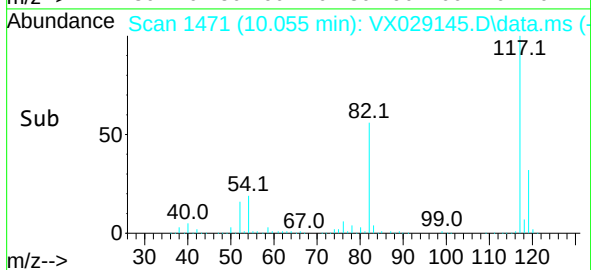
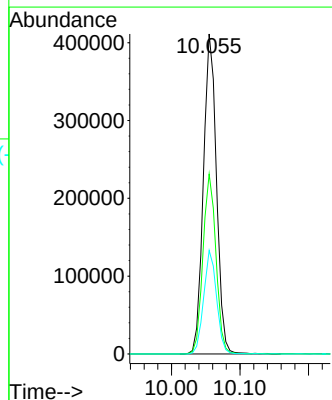
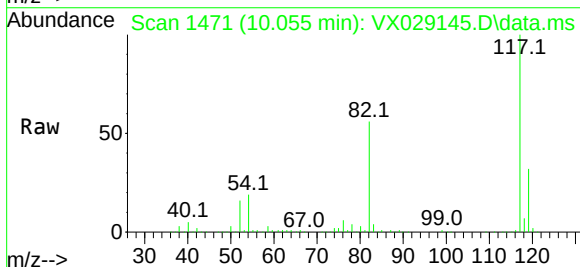
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

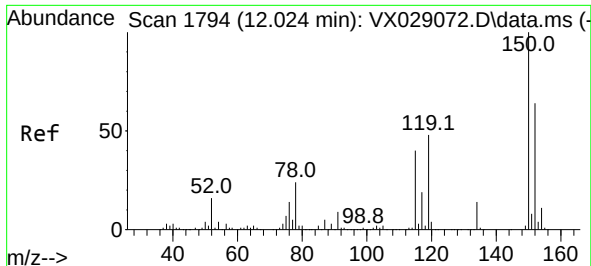
Tgt Ion: 95 Resp: 264828
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.0
176 71.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 117 Resp: 547792
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.3 24.8 37.2

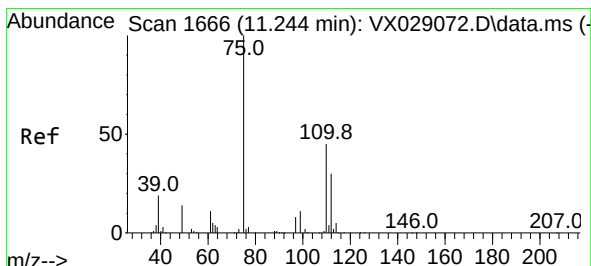
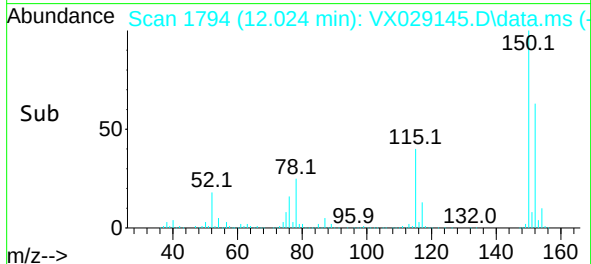
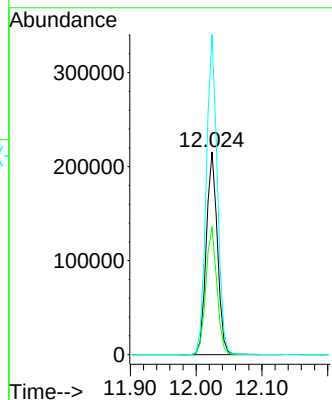
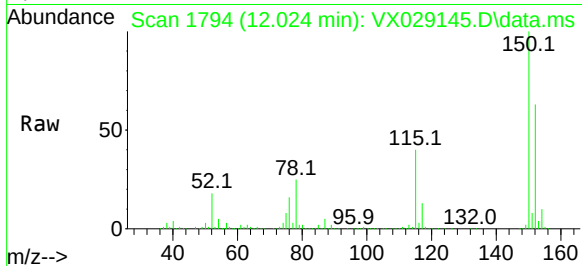




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

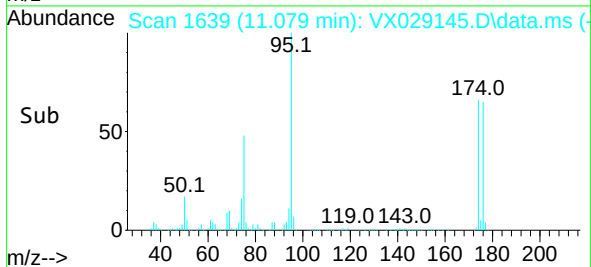
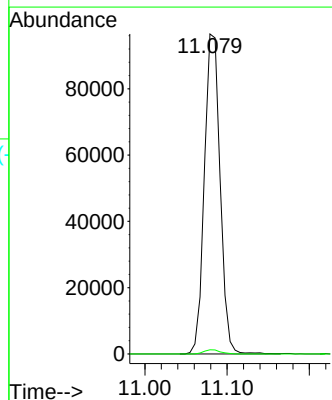
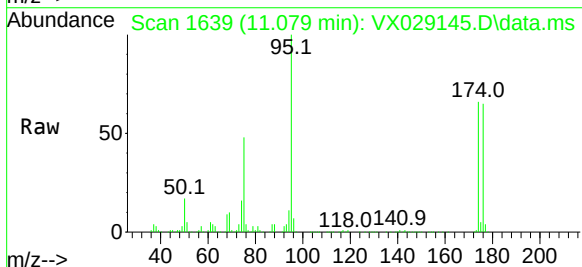
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525DL

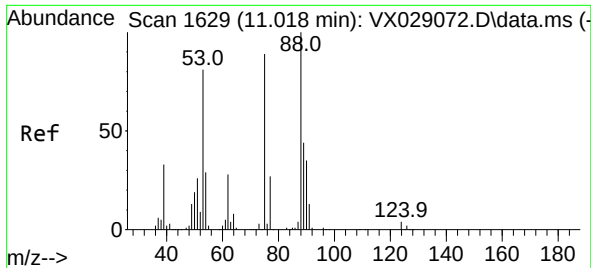
Tgt Ion:152 Resp: 253823
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 157.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029145.D
Acq: 02 Jun 2022 19:02

Tgt Ion: 75 Resp: 128420
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.222 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029145.D
 Acq: 02 Jun 2022 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525DL

Tgt Ion: 75 Resp: 128420
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

