

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029267.D
 Acq On : 07 Jun 2022 03:35
 Operator : JC/MD
 Sample : N3166-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 62BR-20220601

Quant Time: Jun 07 06:11:09 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)

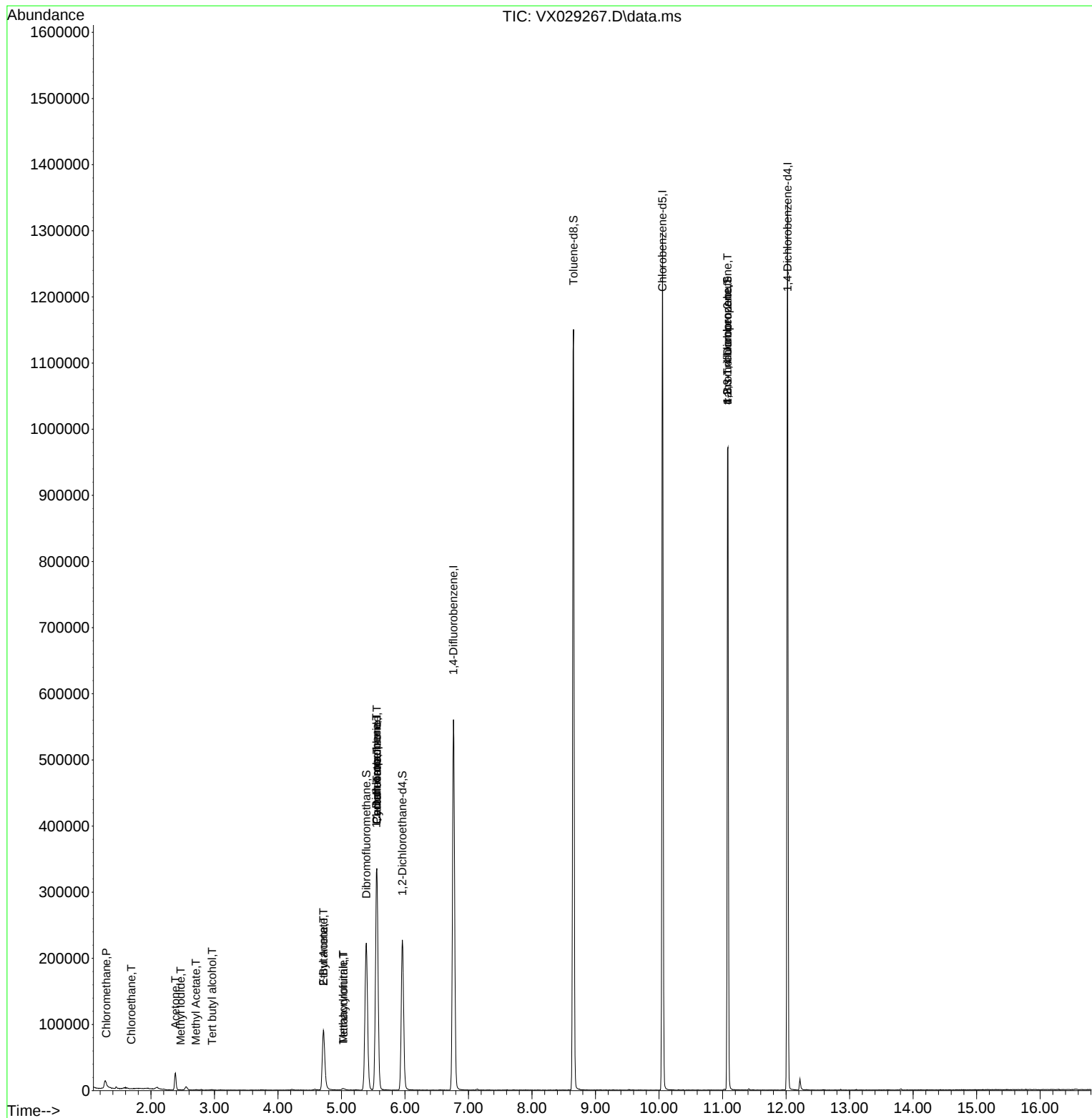
Internal Standards						
1) Pentafluorobenzene	5.556	168	311849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	577673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221630	63.025	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 126.060%	
35) Dibromofluoromethane	5.391	113	199429	51.354	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.700%	
50) Toluene-d8	8.653	98	703481	49.529	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	11.079	95	283954	51.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1541	0.543	ug/l	95
5) Bromomethane	1.618	94	609	Below Cal		87
6) Chloroethane	1.691	64	458	1.568	ug/l #	82
10) Methyl Iodide	2.465	142	420	4.336	ug/l #	79
11) Tert butyl alcohol	2.965	59	864	1.061	ug/l #	72
16) Acetone	2.386	43	27642	19.962	ug/l	98
18) Methyl Acetate	2.709	43	770	0.215	ug/l #	88
25) 2-Butanone	4.715	43	153706	68.812	ug/l #	44
29) Tetrahydrofuran	5.032	42	2399	1.675	ug/l #	78
31) Cyclohexane	5.556	56	6435	1.408	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24759	4.955	ug/l #	49
37) Ethyl Acetate	4.715	43	154457	31.895	ug/l	99
38) Carbon Tetrachloride	5.556	117	33528	5.871	ug/l #	15
41) Methacrylonitrile	5.026	41	1327	0.507	ug/l #	37
44) Trichloroethene	7.135	130	578	Below Cal		79
76) 1,2,3-Trichloropropane	11.079	75	140134	25.626	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140134	75.182	ug/l #	15

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

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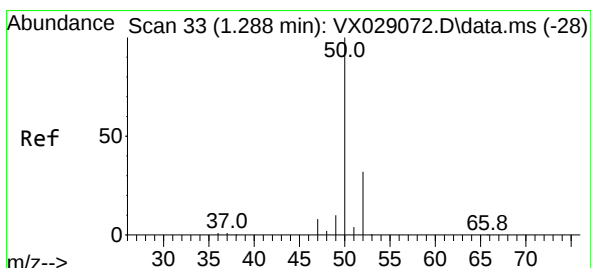
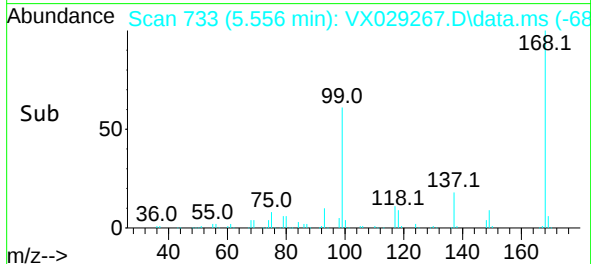
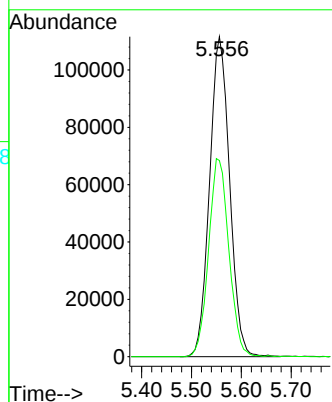
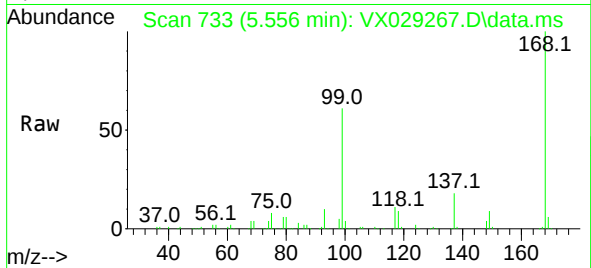




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

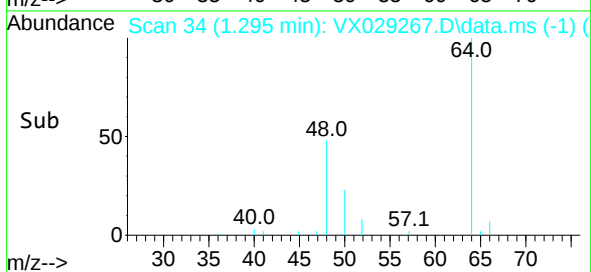
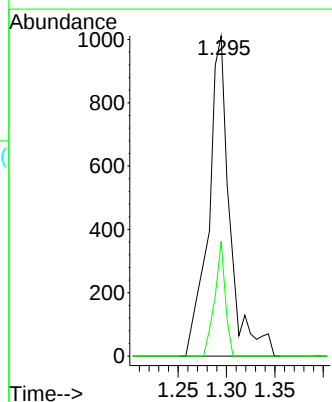
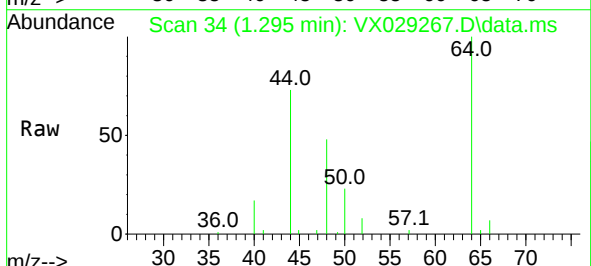
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

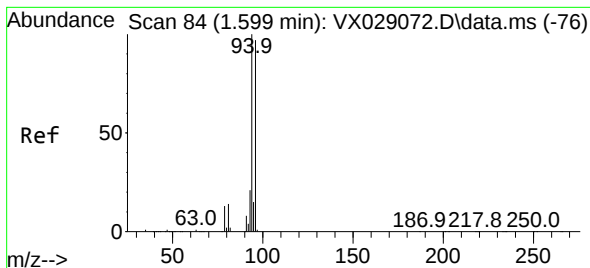
Tgt Ion:168 Resp: 311849
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#3
Chloromethane
Concen: 0.543 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 50 Resp: 1541
Ion Ratio Lower Upper
50 100
52 35.8 26.4 39.6





#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX029267.D

Acq: 07 Jun 2022 03:35

Instrument :

MSVOA_X

ClientSampleId :

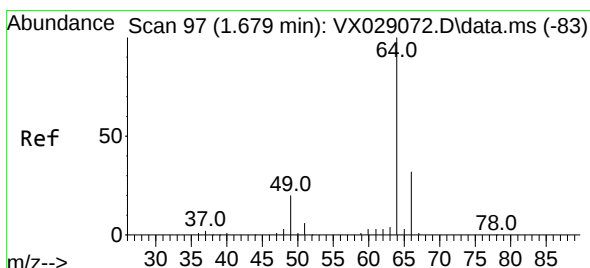
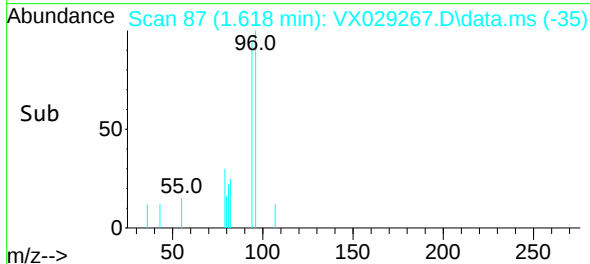
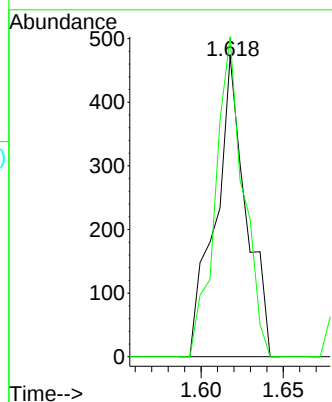
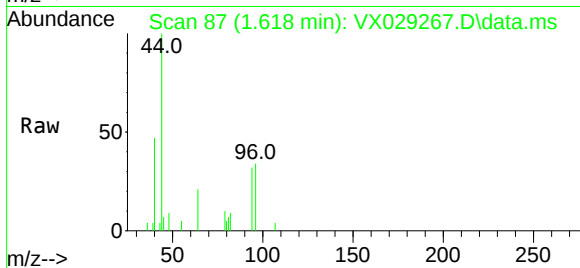
62BR-20220601

Tgt Ion: 94 Resp: 609

Ion Ratio Lower Upper

94 100

96 106.6 75.3 112.9



#6

Chloroethane

Concen: 1.568 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX029267.D

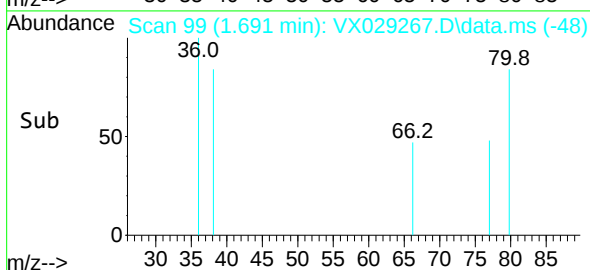
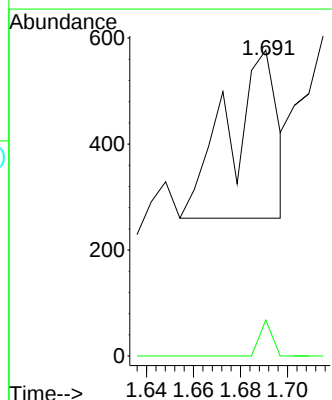
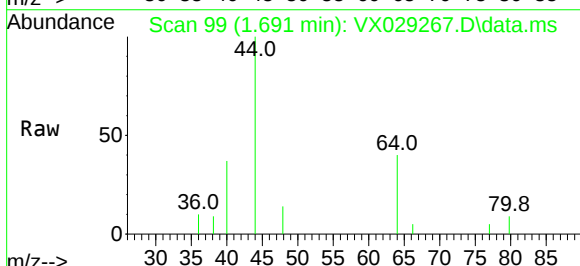
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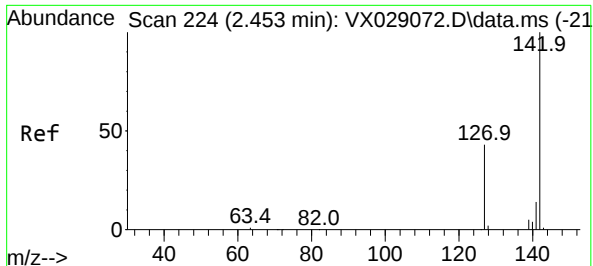
Tgt Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

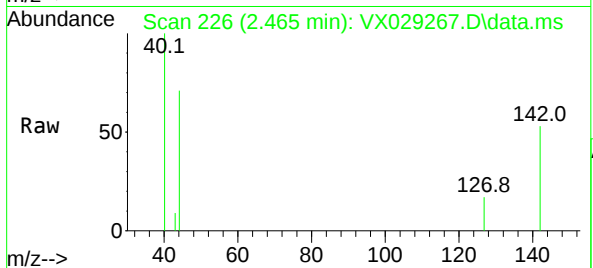
66 21.5 25.3 37.9#



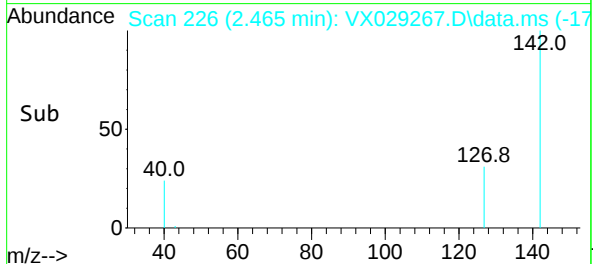
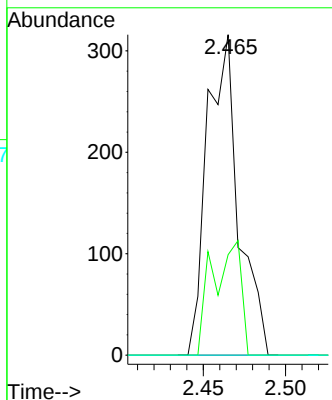


#10
Methyl Iodide
Concen: 4.336 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

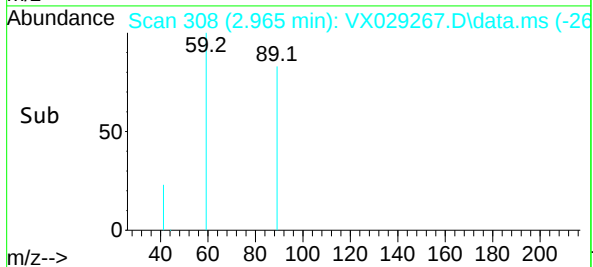
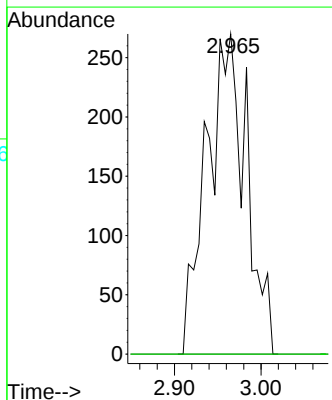
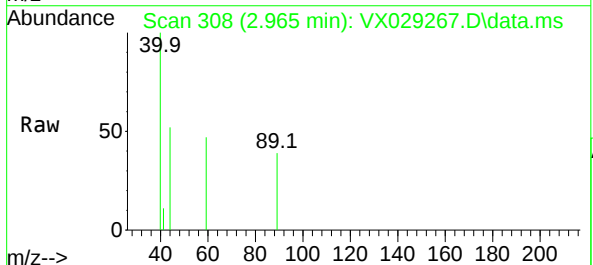


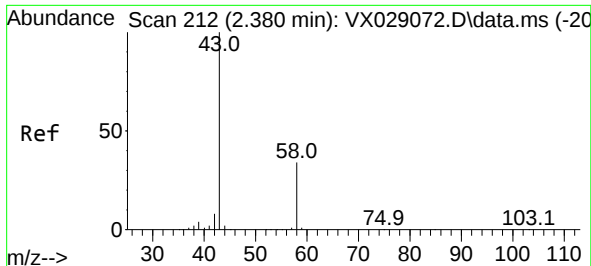
Tgt Ion:142 Resp: 420
Ion Ratio Lower Upper
142 100
127 32.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.061 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 59 Resp: 864
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

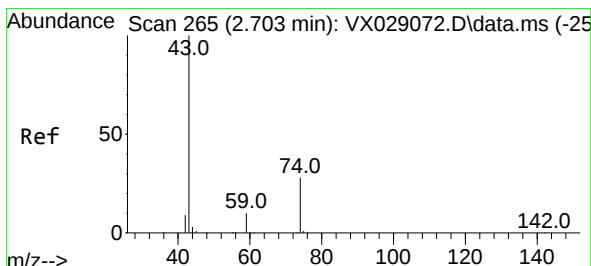
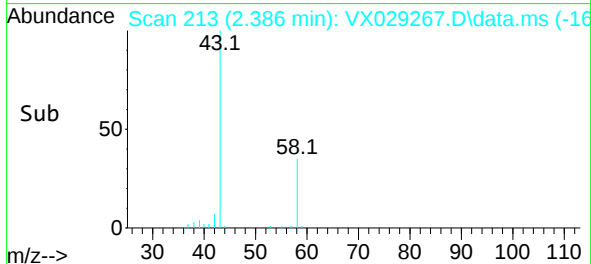
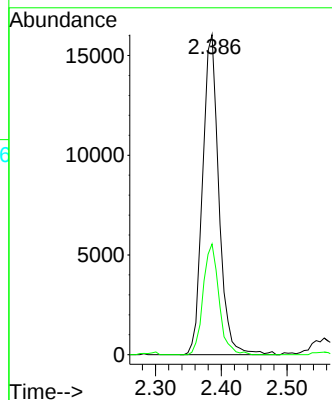
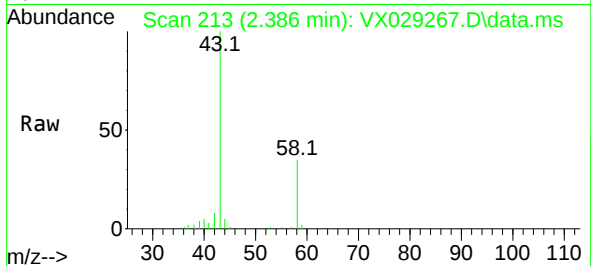




#16
Acetone
Concen: 19.962 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

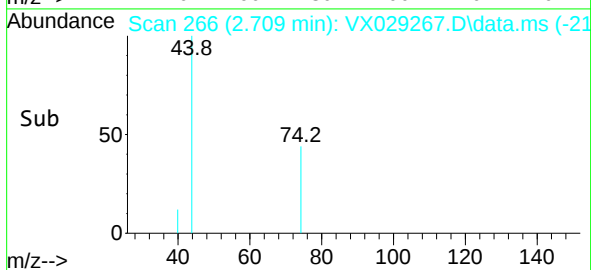
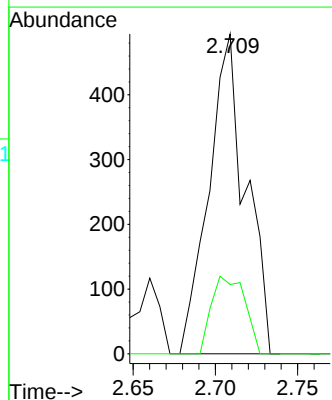
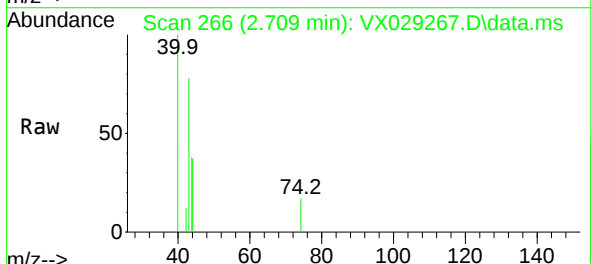
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

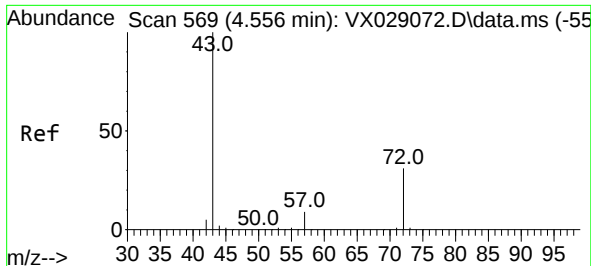
Tgt Ion: 43 Resp: 27642
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
74 21.9 22.8 34.2#

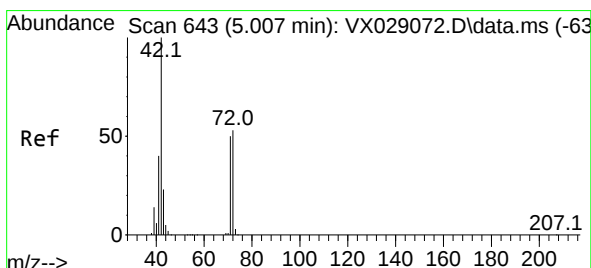
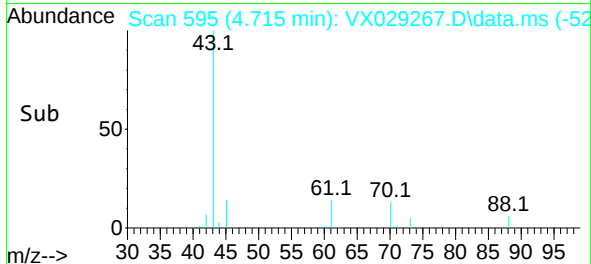
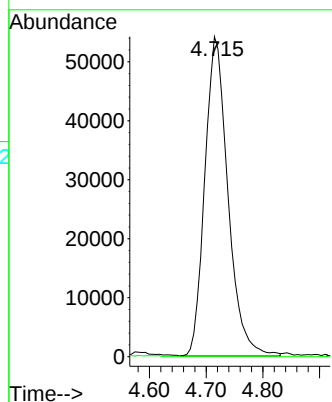
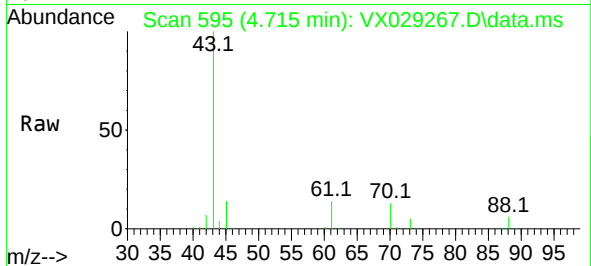




#25
2-Butanone
Concen: 68.812 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.159 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

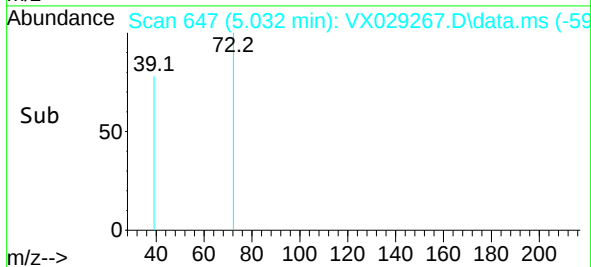
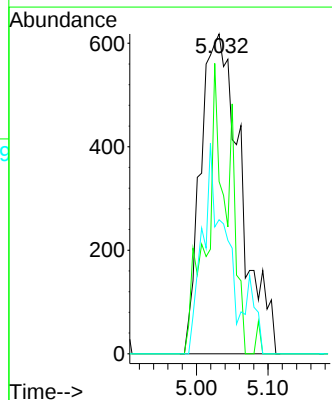
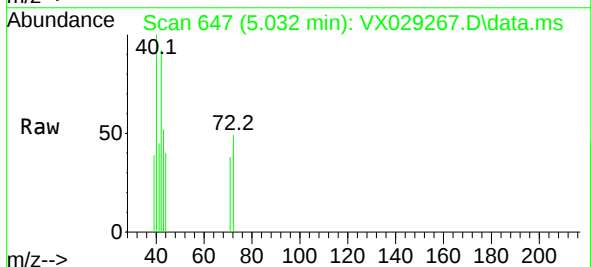
Instrument :
MSVOA_X
ClientSampleId :
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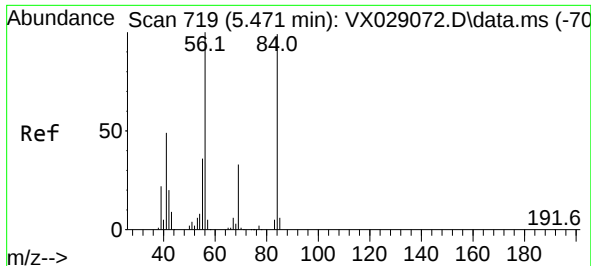
Tgt Ion: 43 Resp: 153706
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 1.675 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 42 Resp: 2399
Ion Ratio Lower Upper
42 100
72 37.5 44.1 66.1#
71 37.8 40.5 60.7#

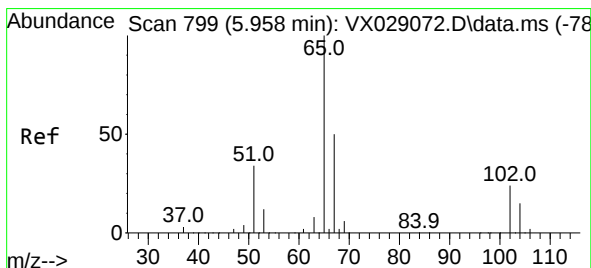
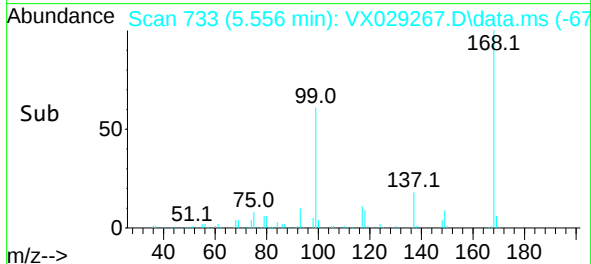
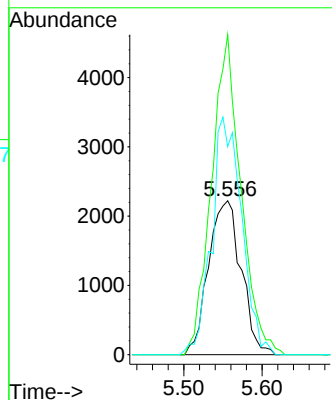
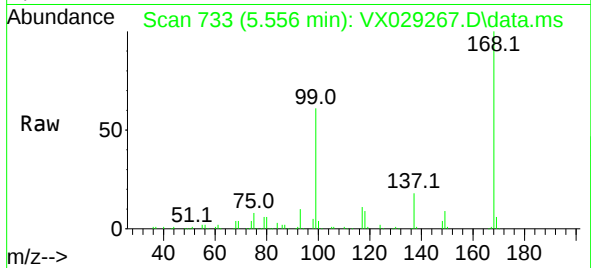




#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

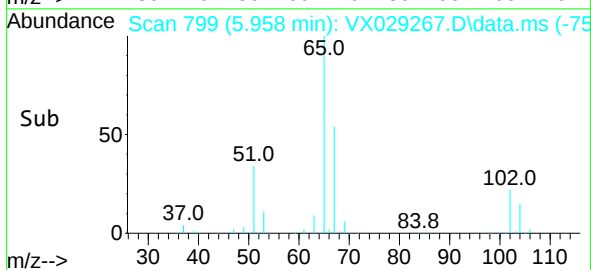
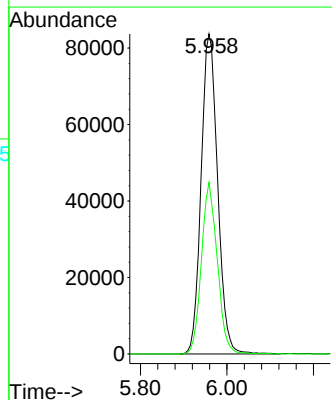
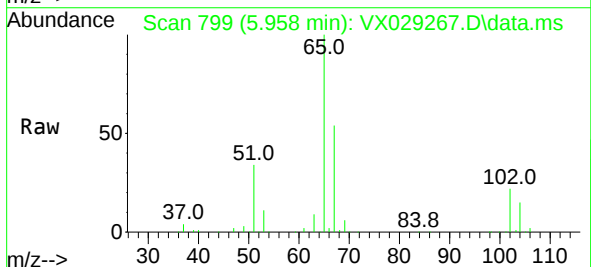
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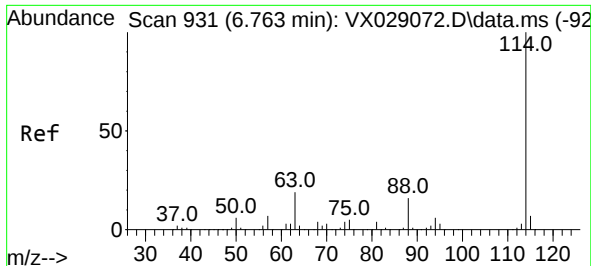
Tgt Ion: 56 Resp: 6435
Ion Ratio Lower Upper
56 100
69 207.8 26.7 40.1#
84 135.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 63.025 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 65 Resp: 221630
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

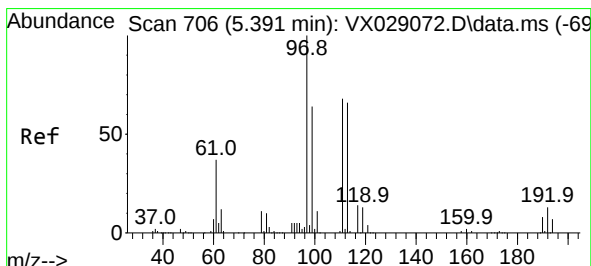
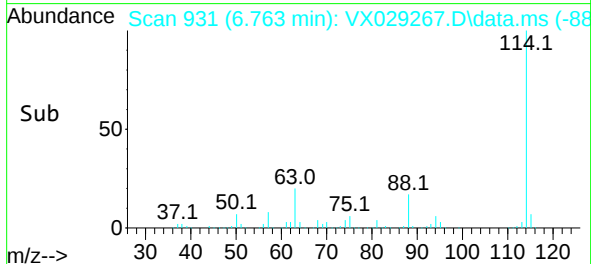
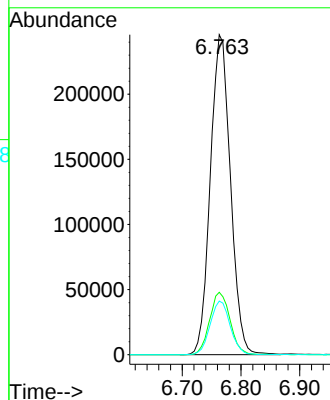
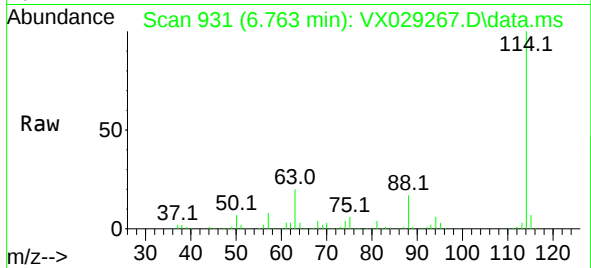




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

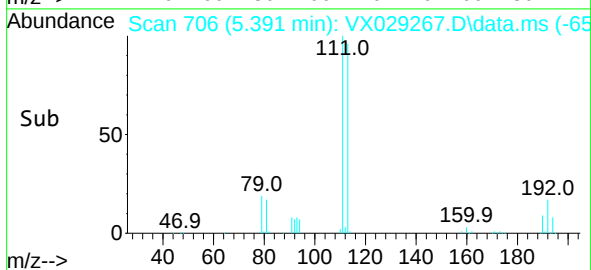
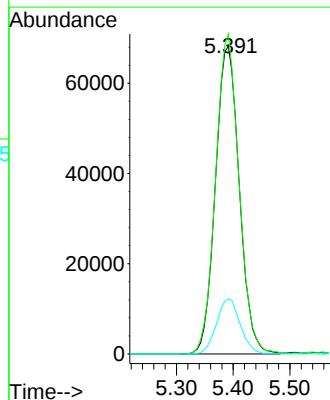
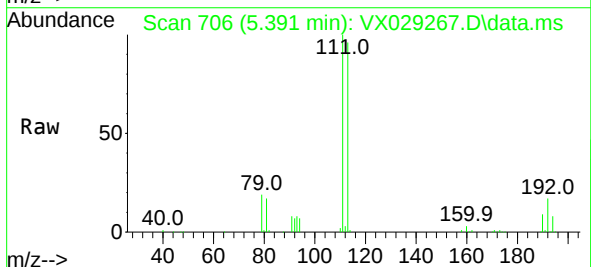
Instrument :
MSVOA_X
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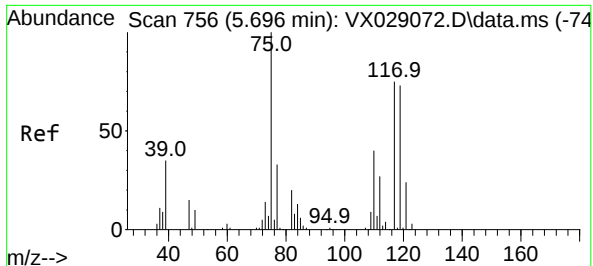
Tgt Ion:114 Resp: 584660
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.354 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion:113 Resp: 199429
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 17.8 16.9 25.3

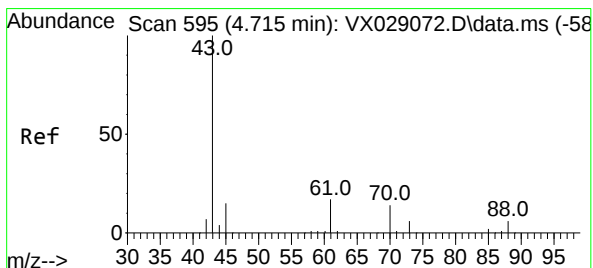
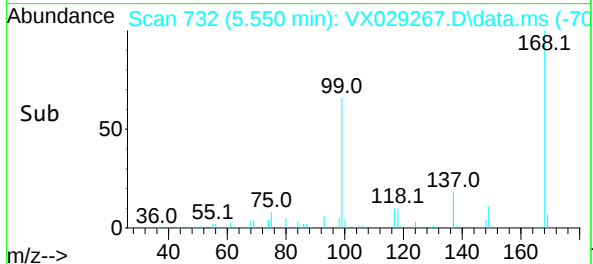
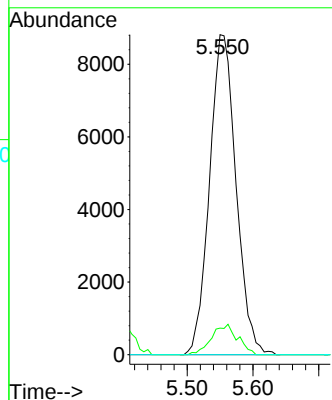
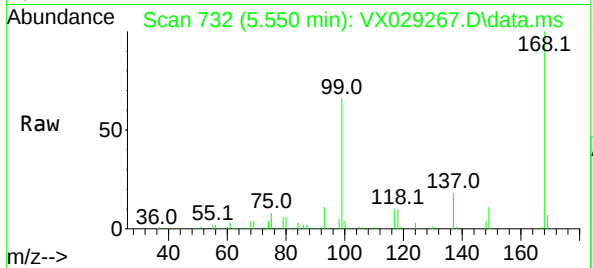




#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

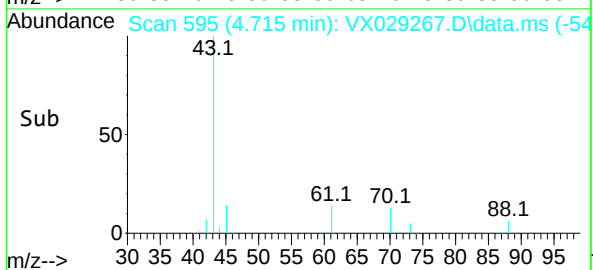
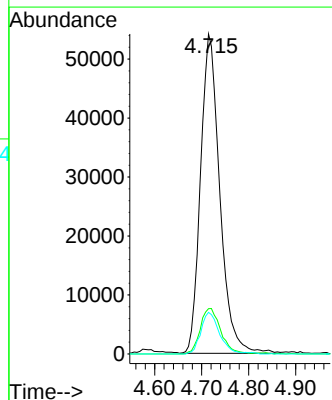
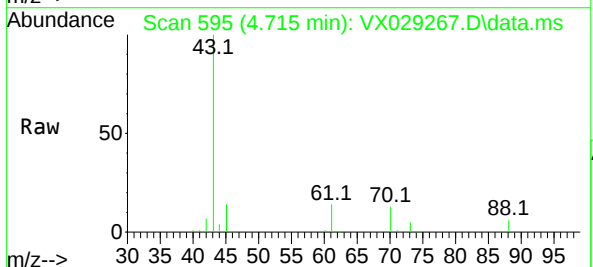
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

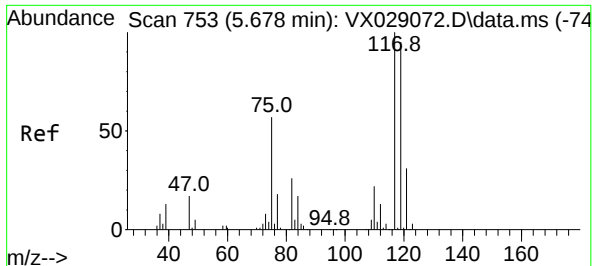
Tgt Ion: 75 Resp: 24759
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 31.895 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

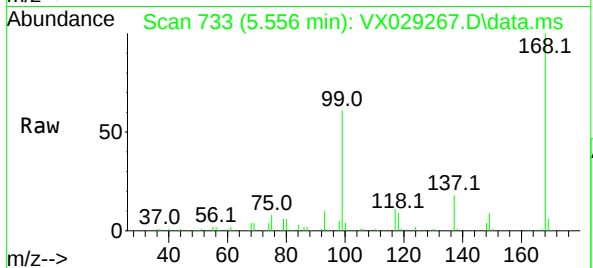
Tgt Ion: 43 Resp: 154457
Ion Ratio Lower Upper
43 100
61 15.1 12.6 19.0
70 12.5 10.2 15.2



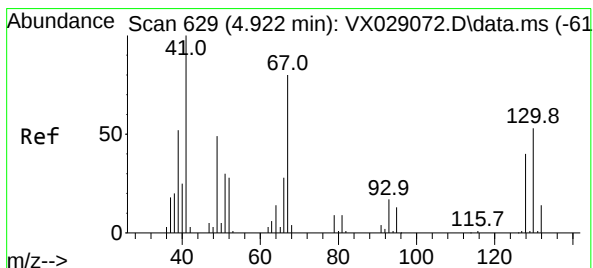
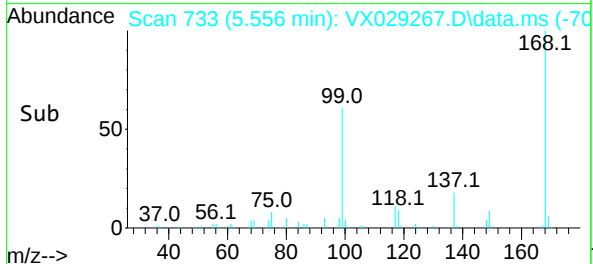
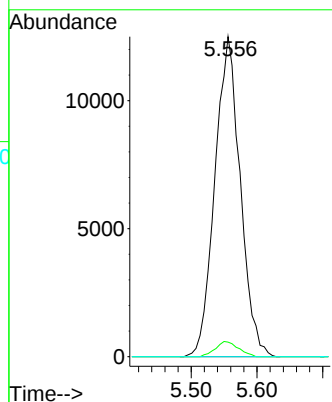


#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

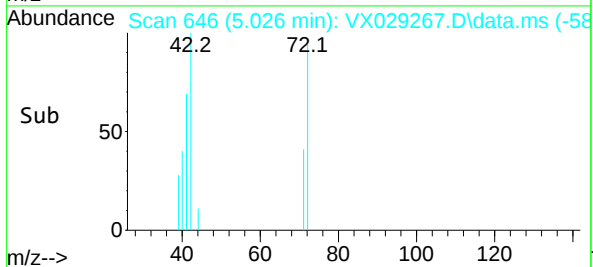
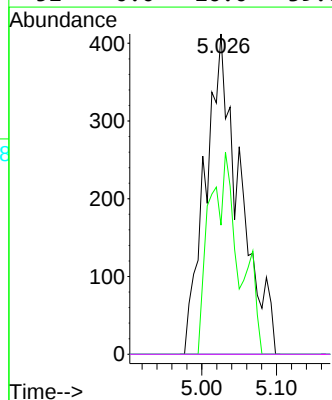
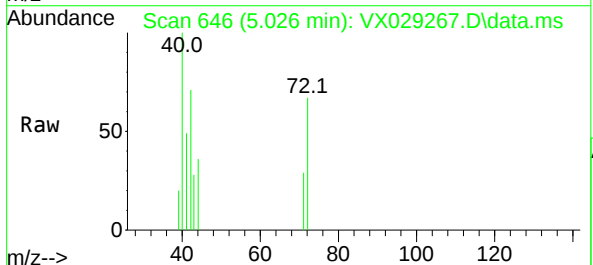


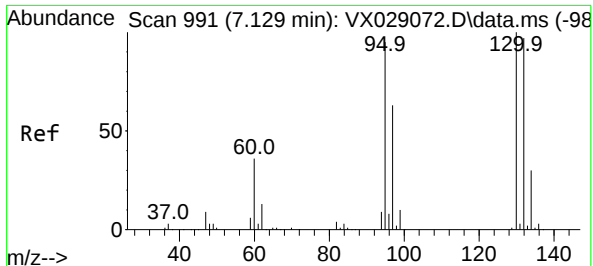
Tgt Ion:117 Resp: 33528
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.507 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 41 Resp: 1327
Ion Ratio Lower Upper
41 100
39 43.3 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

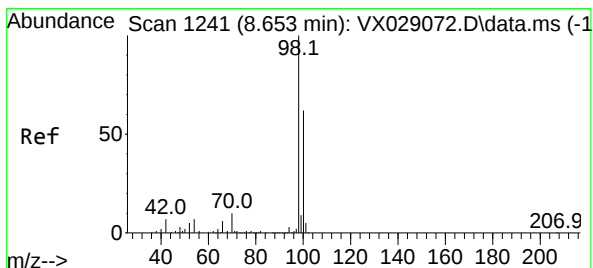
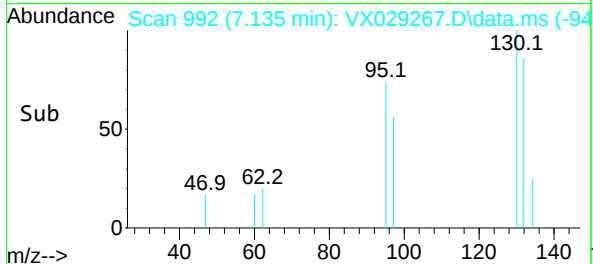
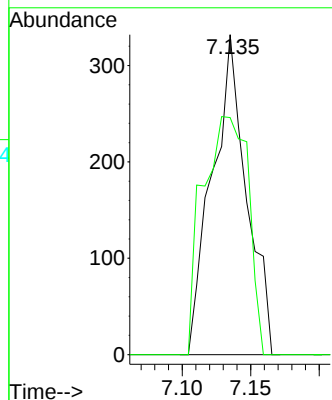
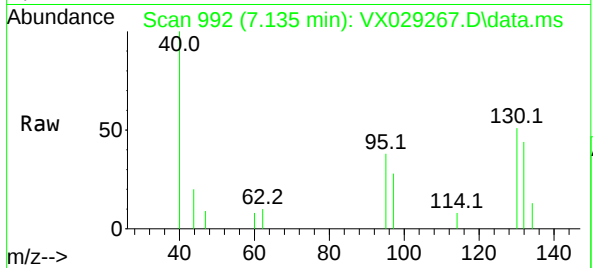




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

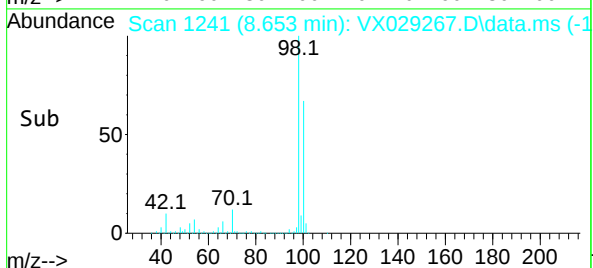
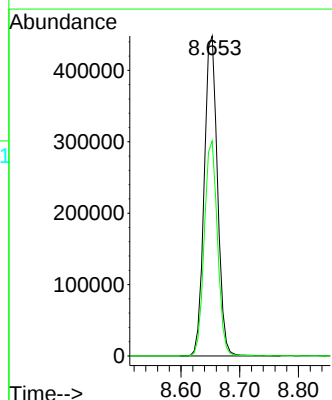
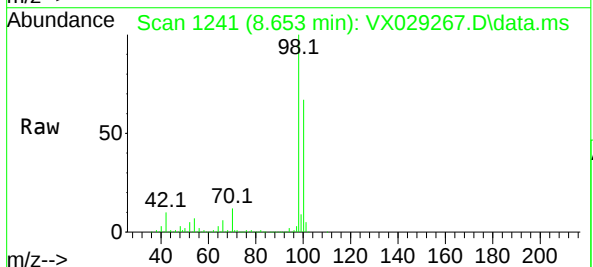
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

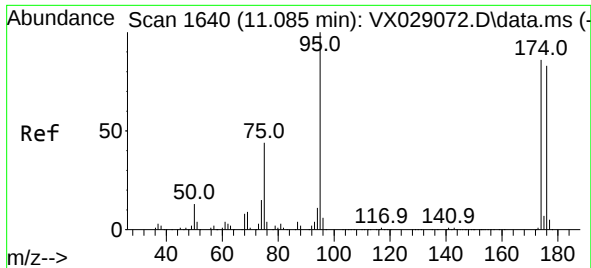
Tgt Ion:130 Resp: 578
Ion Ratio Lower Upper
130 100
95 74.1 0.0 188.8



#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 98 Resp: 703481
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

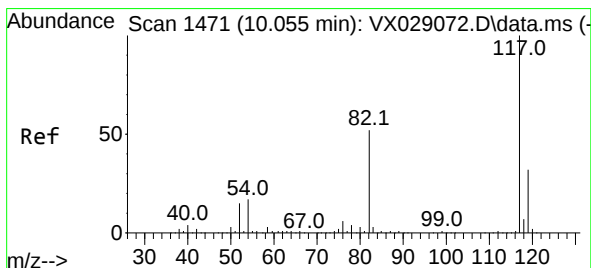
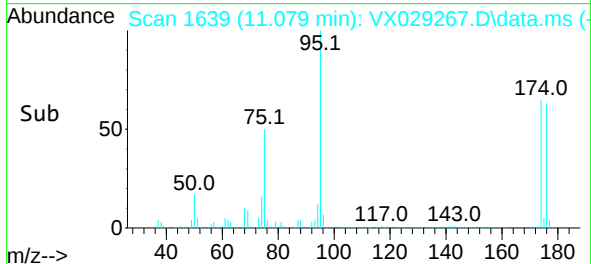
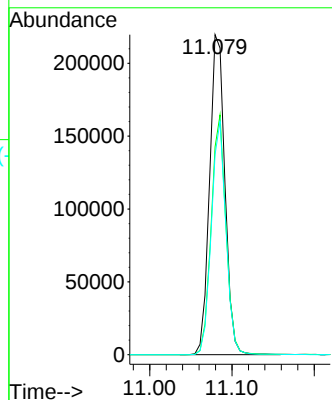
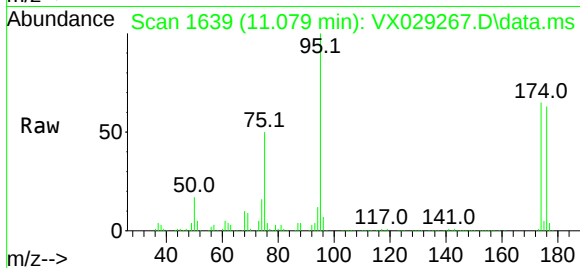




#62
4-Bromofluorobenzene
Concen: 51.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

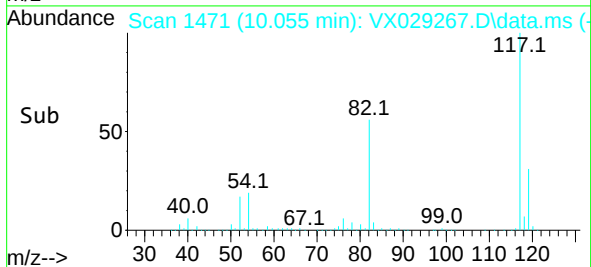
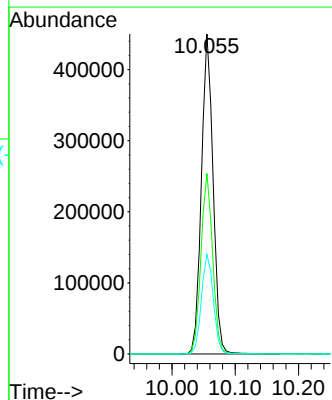
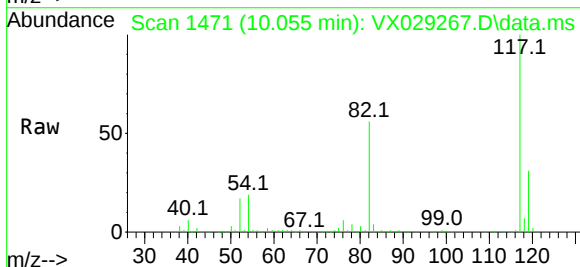
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

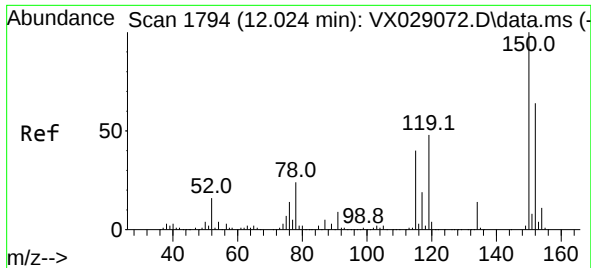
Tgt Ion: 95 Resp: 283954
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 69.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Tgt Ion: 117 Resp: 577673
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 31.1 24.8 37.2

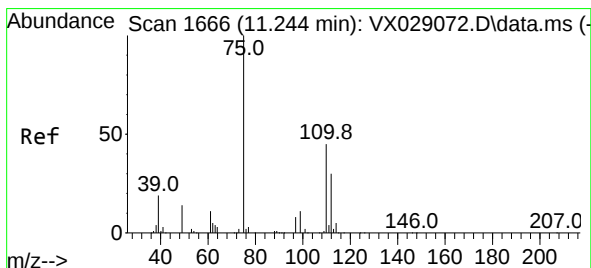
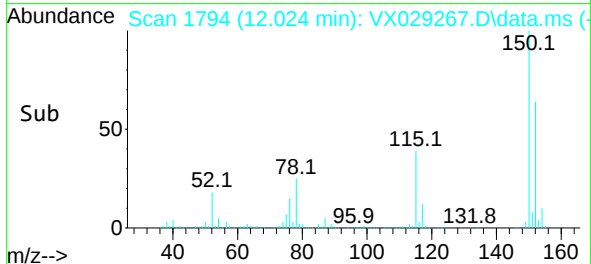
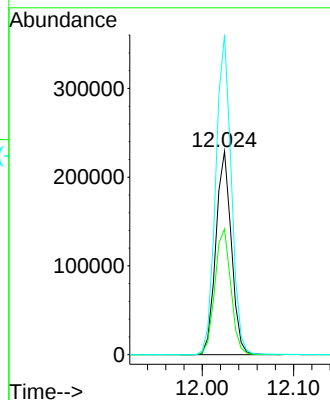
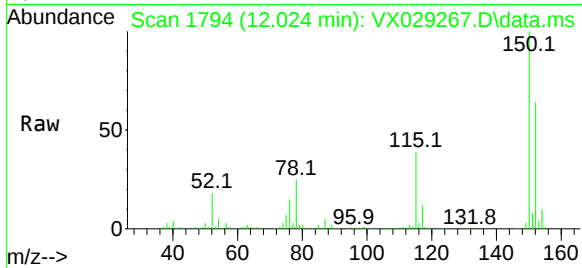




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

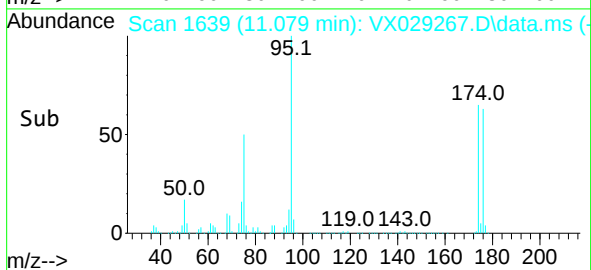
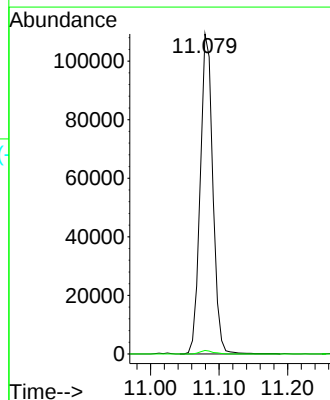
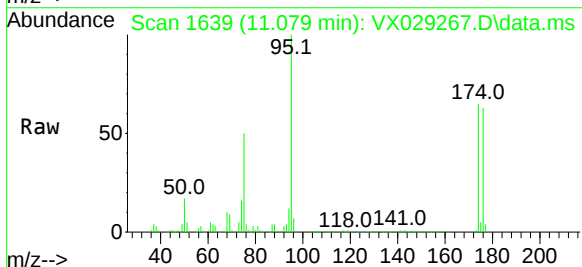
Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601

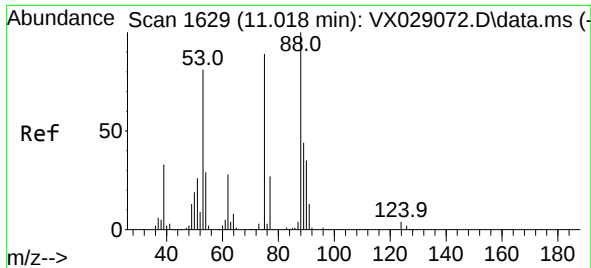
Tgt Ion:152 Resp: 269755
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 158.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

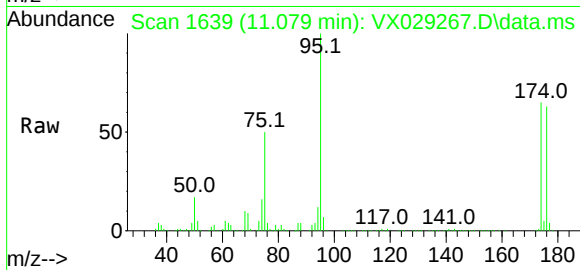
Tgt Ion: 75 Resp: 140134
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.182 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX029267.D
Acq: 07 Jun 2022 03:35

Instrument :
MSVOA_X
ClientSampleId :
62BR-20220601



Tgt Ion: 75 Resp: 140134
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

