

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029264.D
 Acq On : 07 Jun 2022 02:25
 Operator : JC/MD
 Sample : N3166-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 51BR-20220601

Quant Time: Jun 07 06:10:09 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)

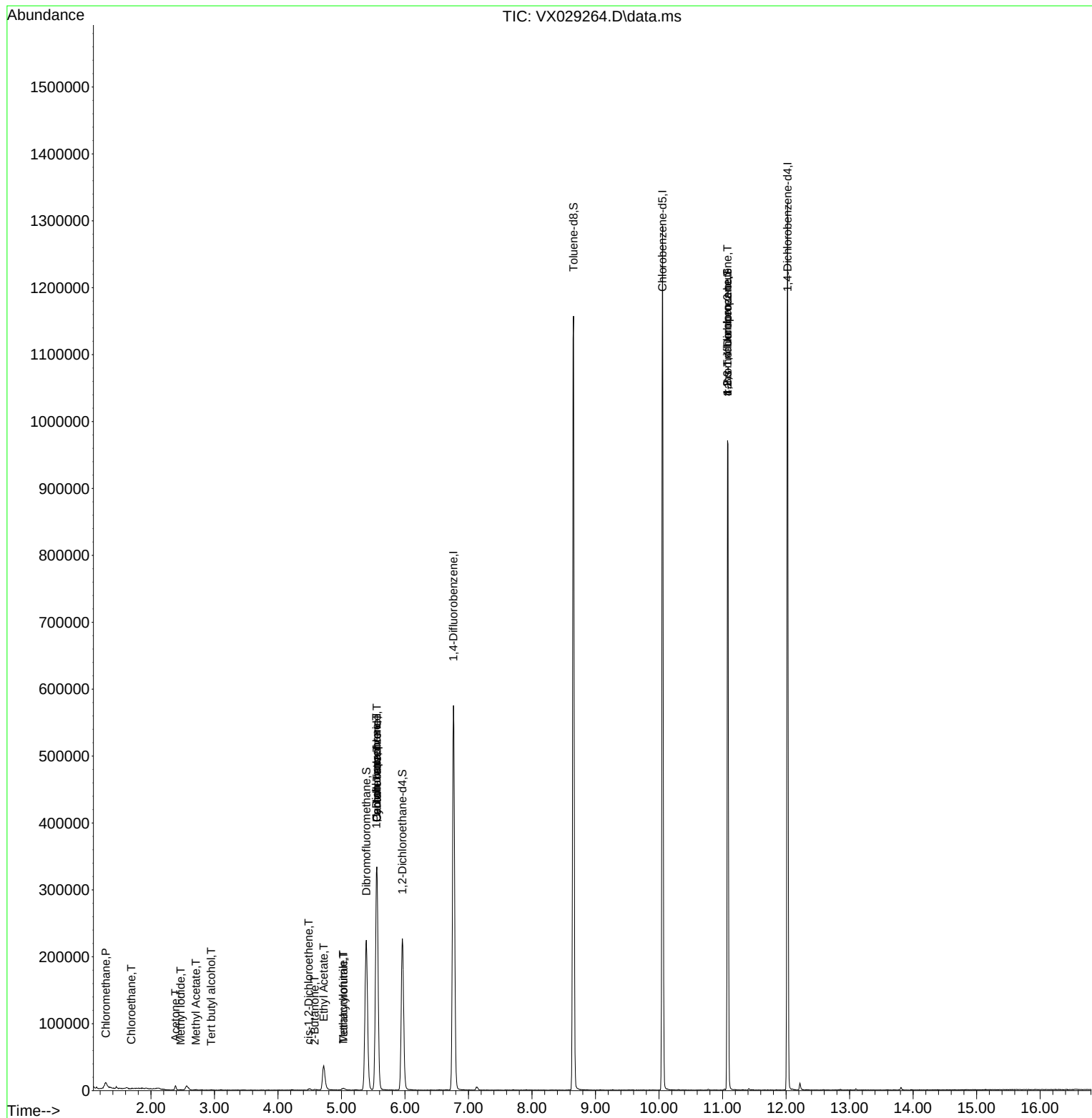
Internal Standards						
1) Pentafluorobenzene	5.556	168	311457	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	600078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222058	63.226	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 126.460%	
35) Dibromofluoromethane	5.391	113	198646	49.838	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.680%	
50) Toluene-d8	8.653	98	710292	48.724	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	11.079	95	284386	50.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1037	0.366	ug/l	99
5) Bromomethane	1.587	94	45	Below Cal	#	3
6) Chloroethane	1.691	64	714	1.659	ug/l	# 43
10) Methyl Iodide	2.465	142	539	4.367	ug/l	# 85
11) Tert butyl alcohol	2.947	59	525	0.645	ug/l	# 72
16) Acetone	2.386	43	6286	4.545	ug/l	93
18) Methyl Acetate	2.709	43	1176	0.329	ug/l	# 65
25) 2-Butanone	4.574	43	2377	1.065	ug/l	# 78
27) cis-1,2-Dichloroethene	4.483	96	1361	0.360	ug/l	94
29) Tetrahydrofuran	5.032	42	2627	1.836	ug/l	# 57
31) Cyclohexane	5.556	56	6438	1.410	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	24712	4.818	ug/l	# 50
37) Ethyl Acetate	4.721	43	62903	12.656	ug/l	99
38) Carbon Tetrachloride	5.556	117	33688	5.748	ug/l	# 15
41) Methacrylonitrile	5.026	41	1769	0.659	ug/l	# 26
44) Trichloroethene	7.135	130	2253	Below Cal		76
76) 1,2,3-Trichloropropane	11.079	75	140772	25.869	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	140772	75.895	ug/l	# 15

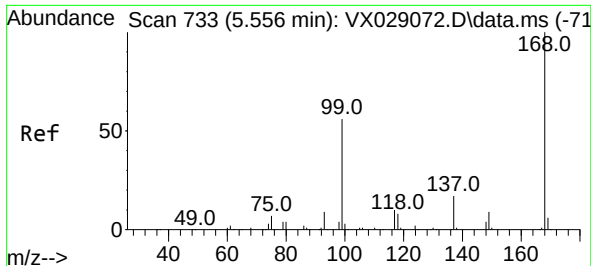
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

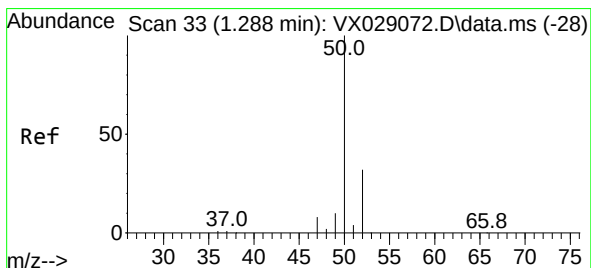
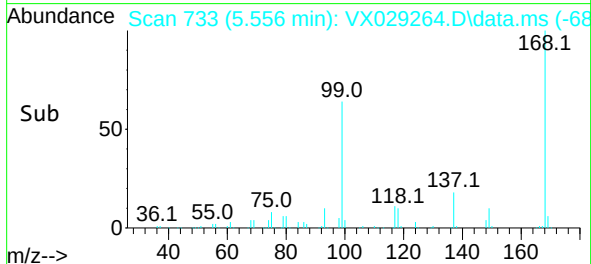
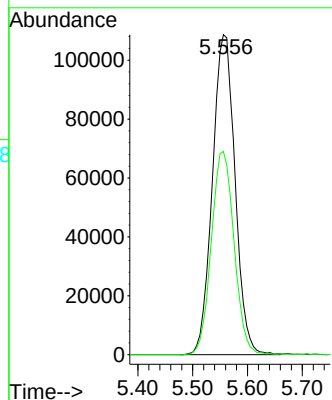
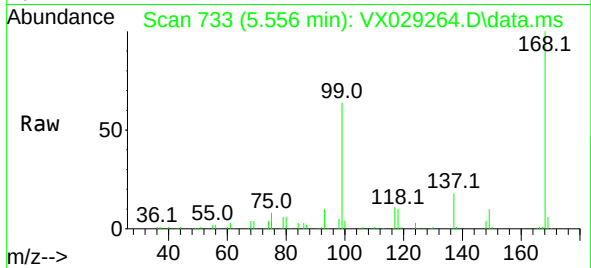




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

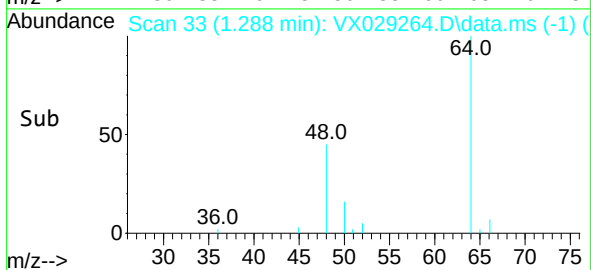
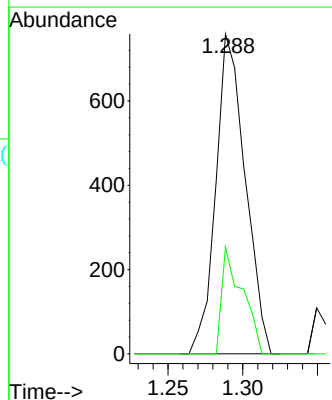
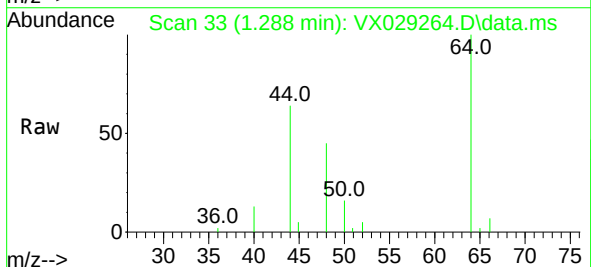
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

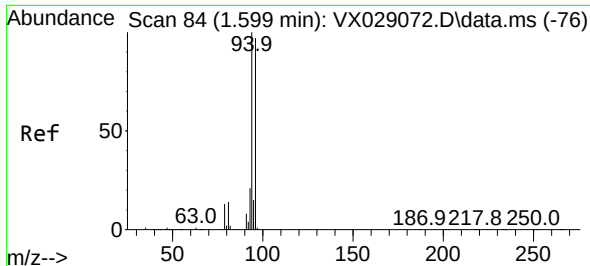
Tgt Ion:168 Resp: 311457
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5#



#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

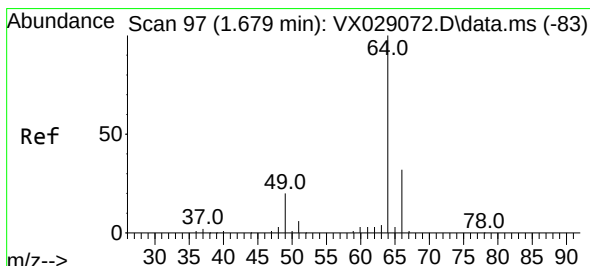
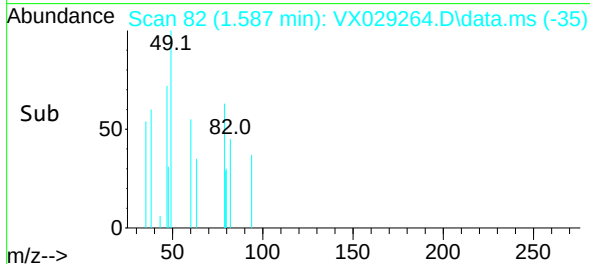
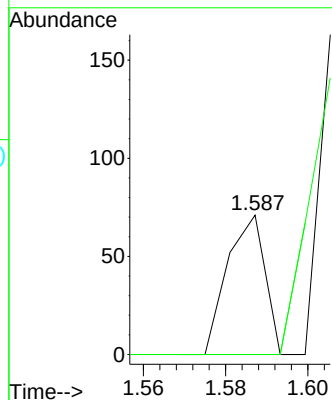
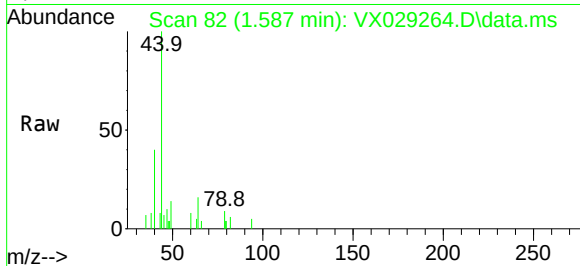




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

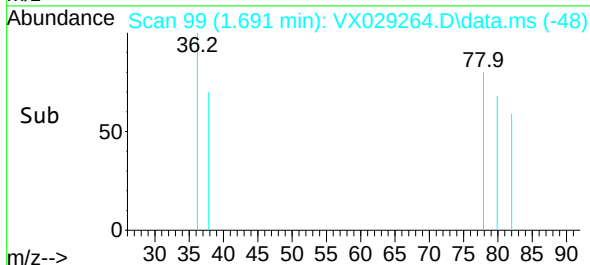
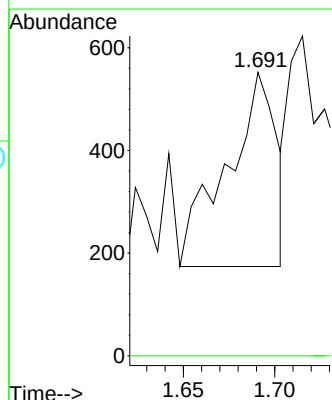
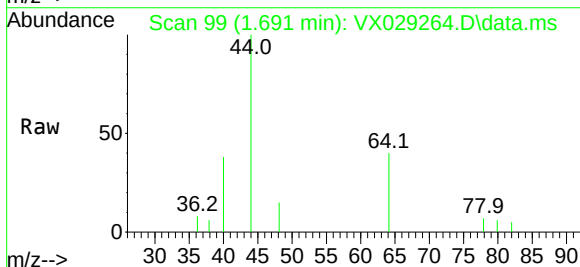
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

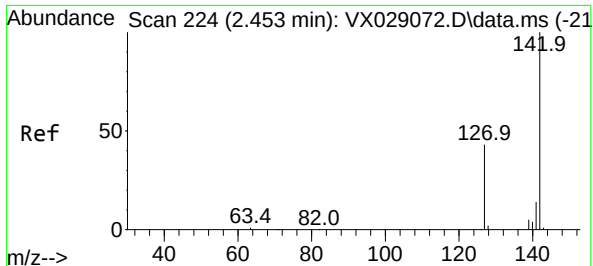
Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 1.659 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

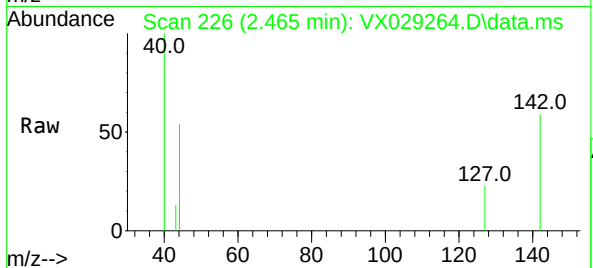
Tgt Ion: 64 Resp: 714
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



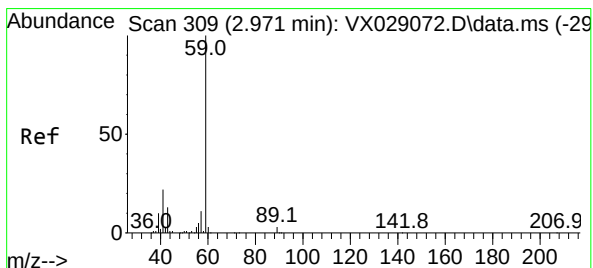
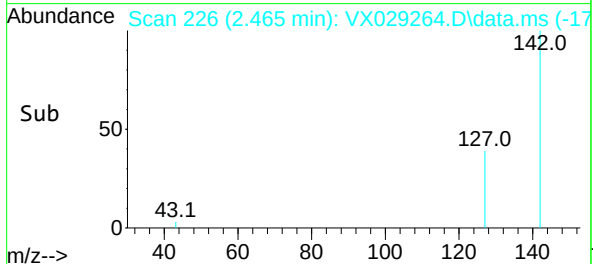
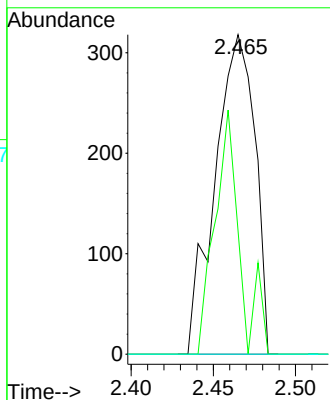


#10
Methyl Iodide
Concen: 4.367 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

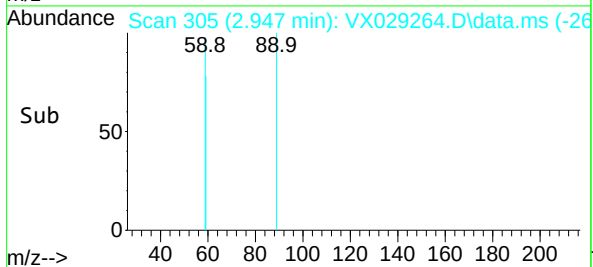
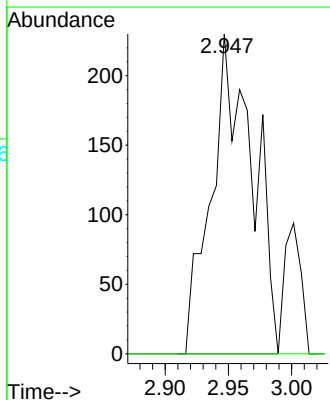
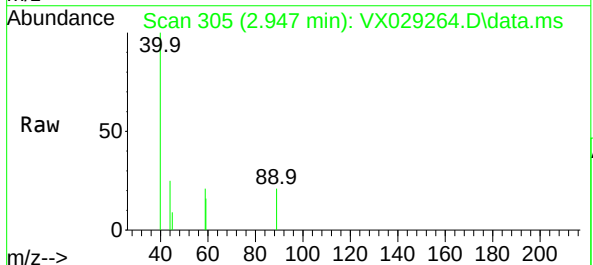


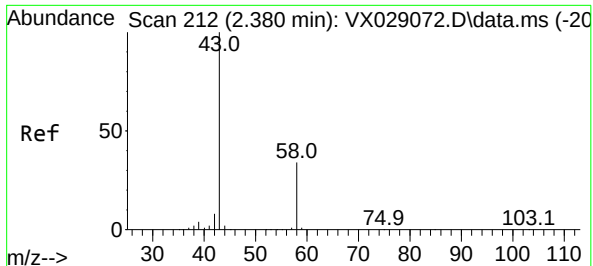
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
127 47.5 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.645 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

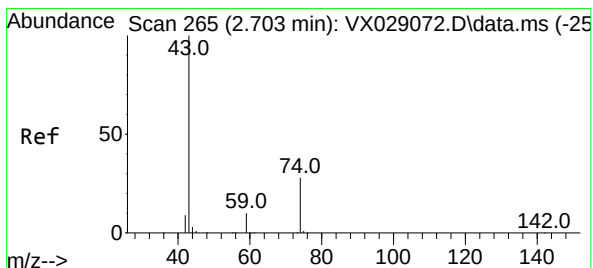
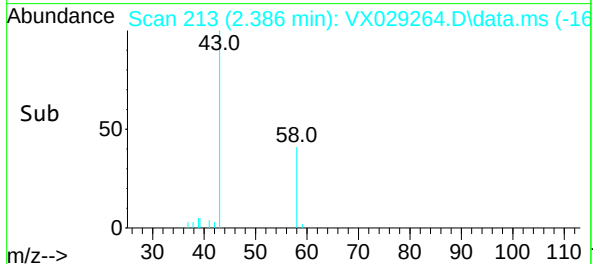
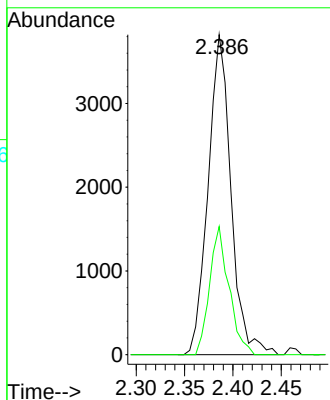
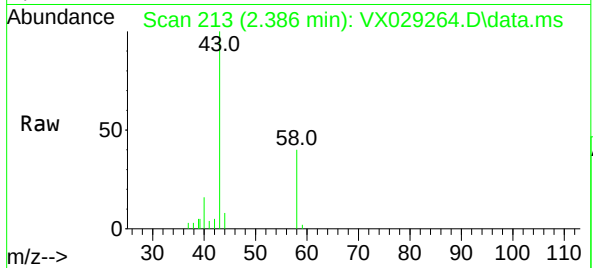




#16
Acetone
Concen: 4.545 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

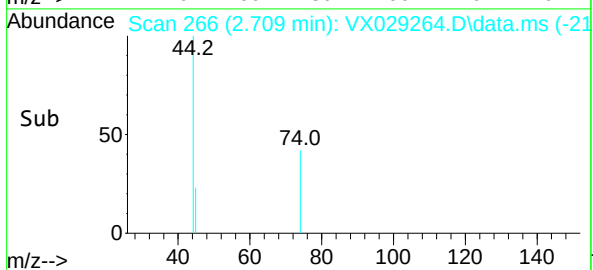
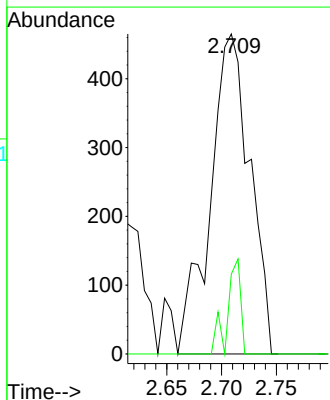
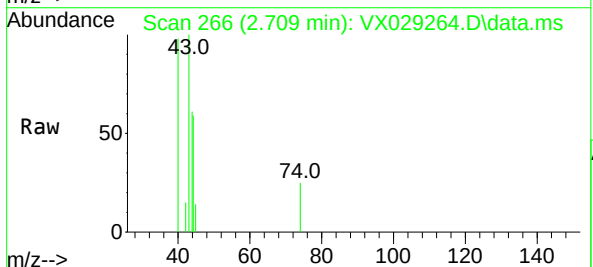
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

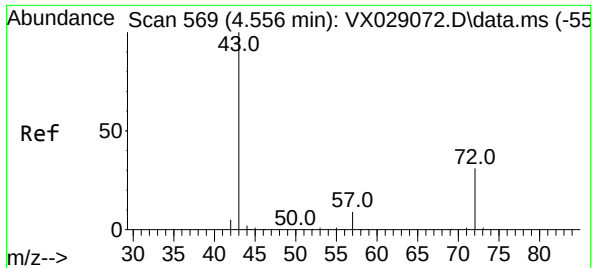
Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
58 40.0 28.8 43.2



#18
Methyl Acetate
Concen: 0.329 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
74 9.8 22.8 34.2#

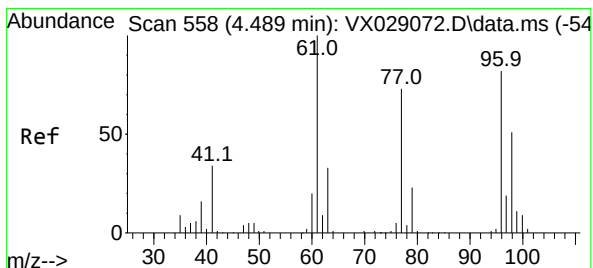
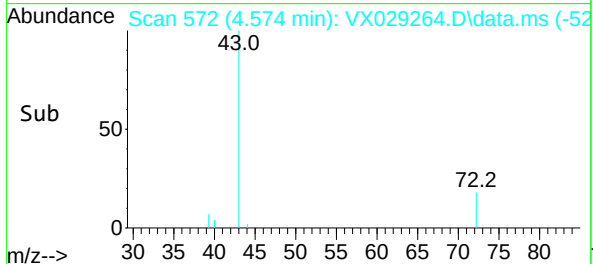
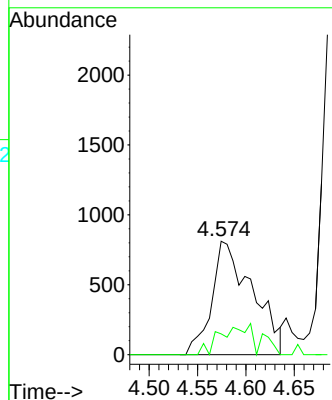
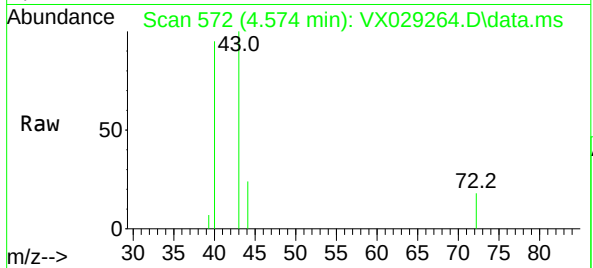




#25
2-Butanone
Concen: 1.065 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

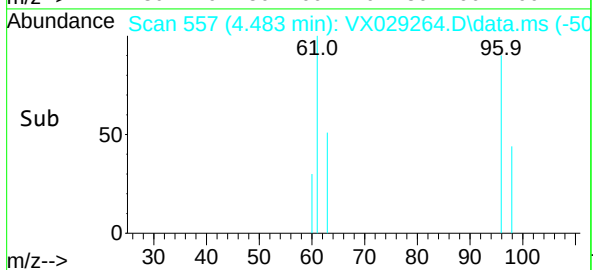
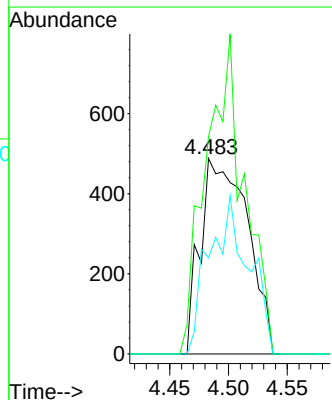
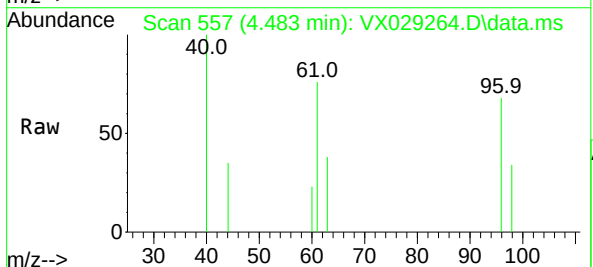
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

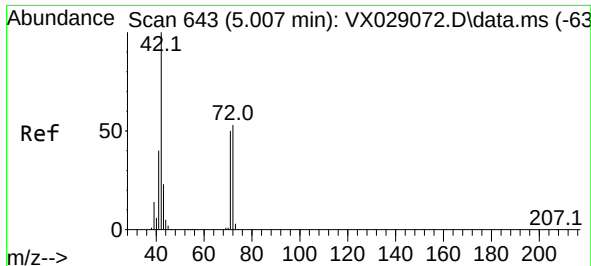
Tgt Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
72 18.2 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.360 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 96 Resp: 1361
Ion Ratio Lower Upper
96 100
61 132.8 0.0 283.8
98 67.6 0.0 129.8





#29

Tetrahydrofuran

Concen: 1.836 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.025 min

Lab File: VX029264.D

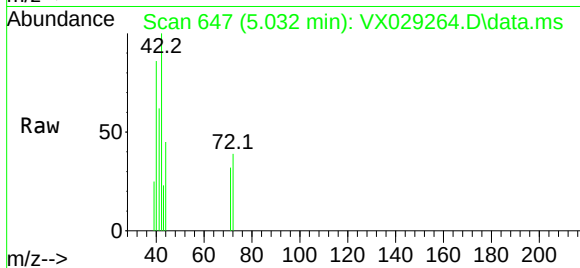
Acq: 07 Jun 2022 02:25

Instrument :

MSVOA_X

ClientSampleId :

51BR-20220601



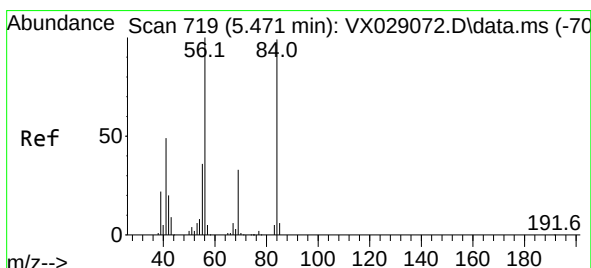
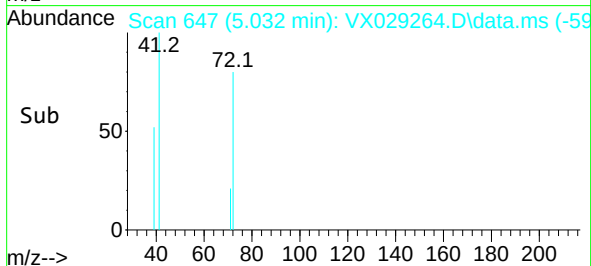
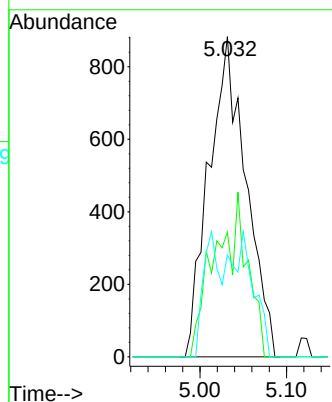
Tgt Ion: 42 Resp: 2627

Ion Ratio Lower Upper

42 100

72 27.0 44.1 66.1#

71 17.4 40.5 60.7#



#31

Cyclohexane

Concen: 1.410 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029264.D

Acq: 07 Jun 2022 02:25

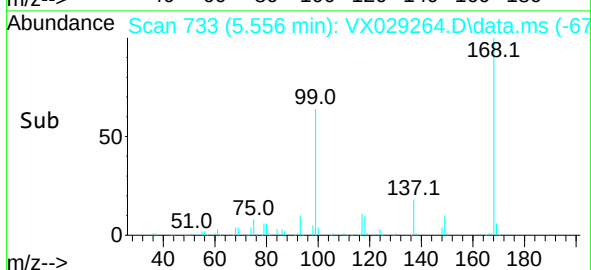
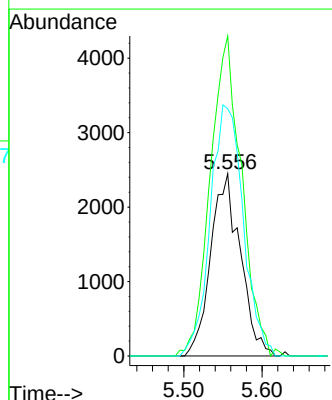
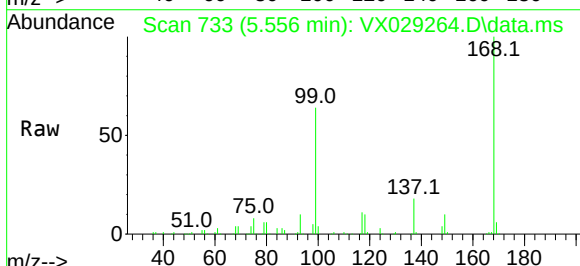
Tgt Ion: 56 Resp: 6438

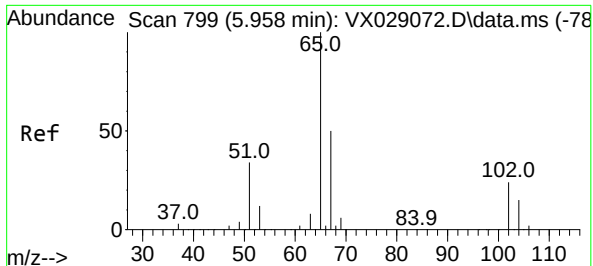
Ion Ratio Lower Upper

56 100

69 173.5 26.7 40.1#

84 135.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 63.226 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029264.D

Acq: 07 Jun 2022 02:25

Instrument :

MSVOA_X

ClientSampleId :

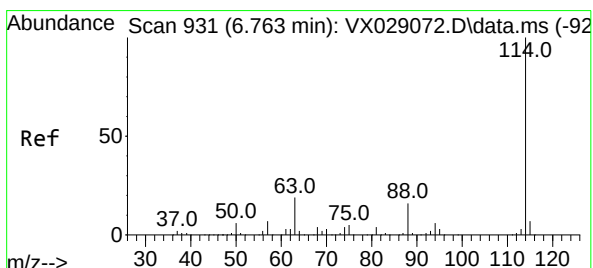
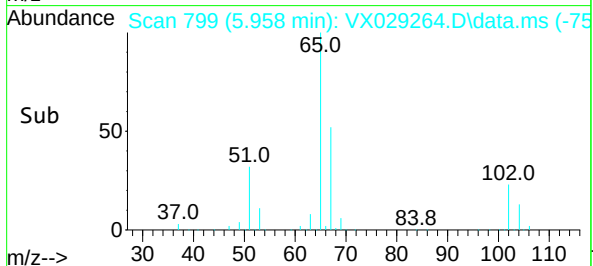
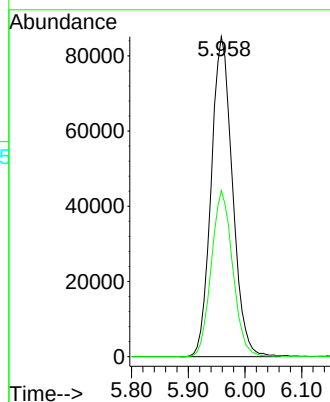
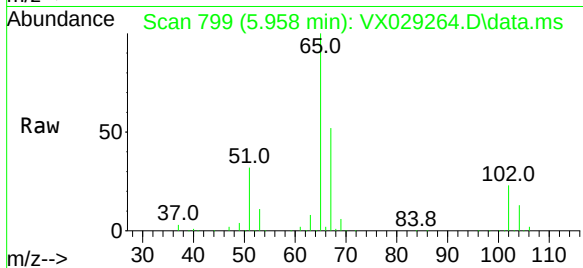
51BR-20220601

Tgt Ion: 65 Resp: 222058

Ion Ratio Lower Upper

65 100

67 52.2 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: VX029264.D

Acq: 07 Jun 2022 02:25

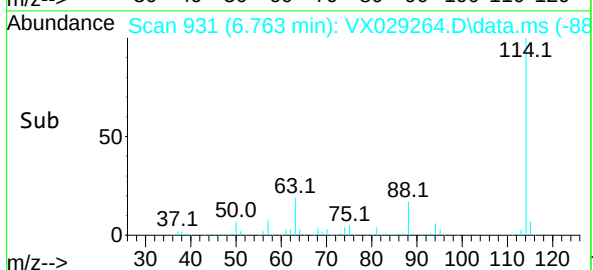
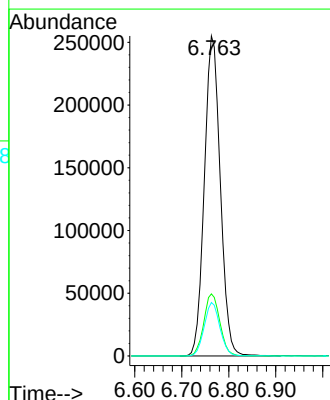
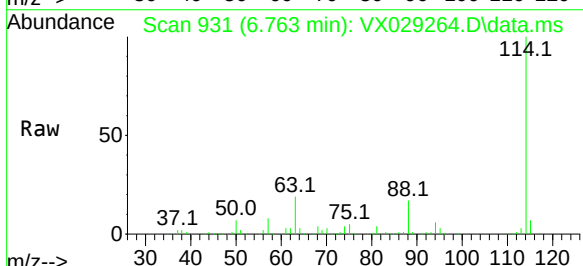
Tgt Ion: 114 Resp: 600078

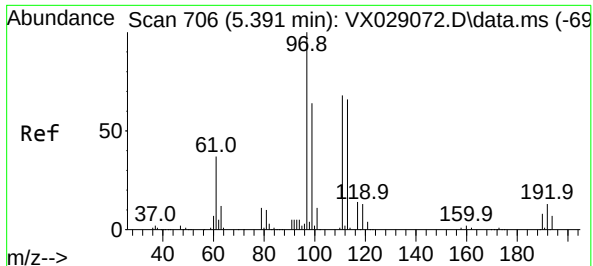
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.7 0.0 32.4

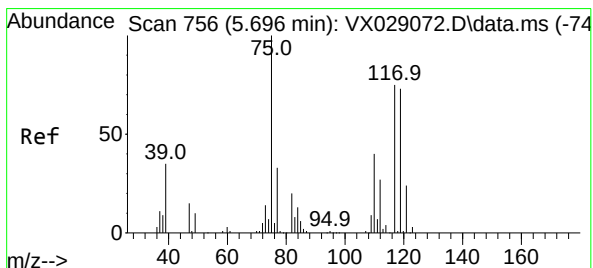
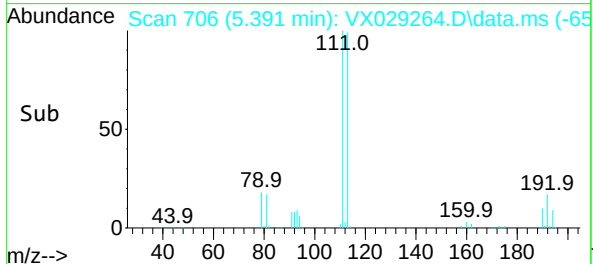
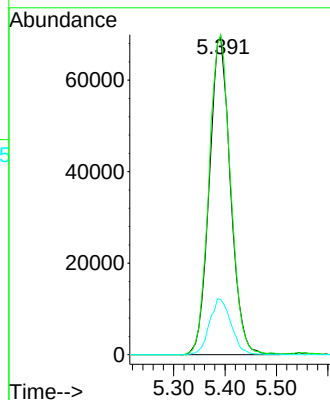
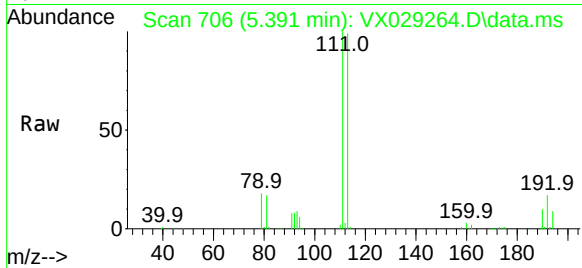




#35
Dibromofluoromethane
Concen: 49.838 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

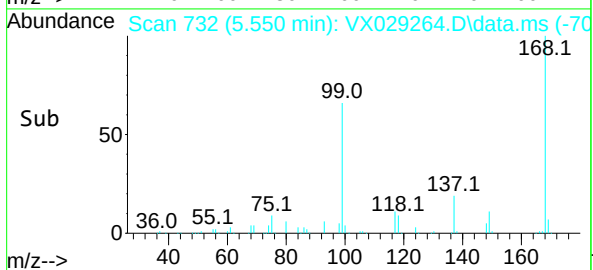
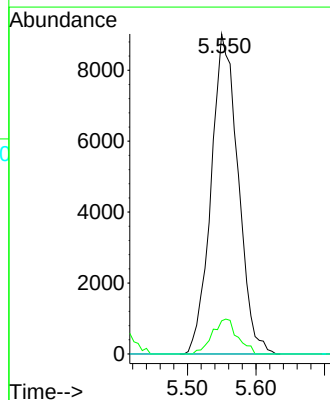
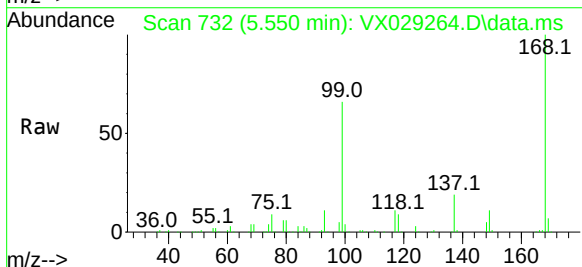
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

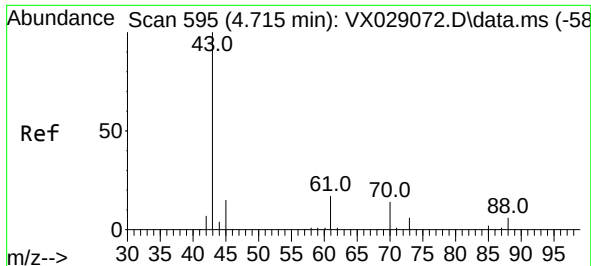
Tgt Ion:113 Resp: 198646
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 75 Resp: 24712
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#

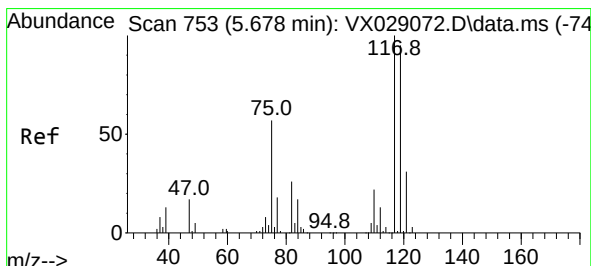
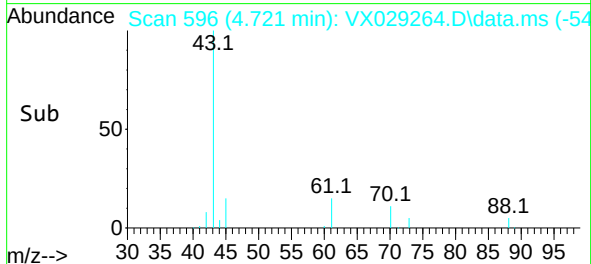
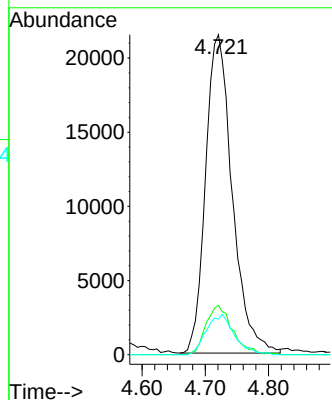
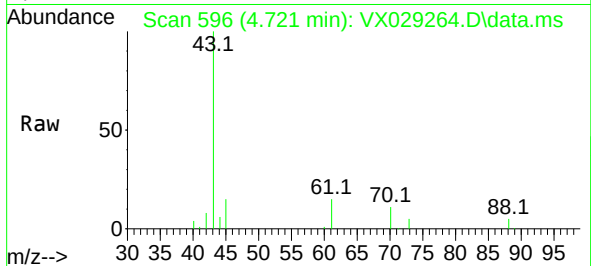




#37
Ethyl Acetate
Concen: 12.656 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

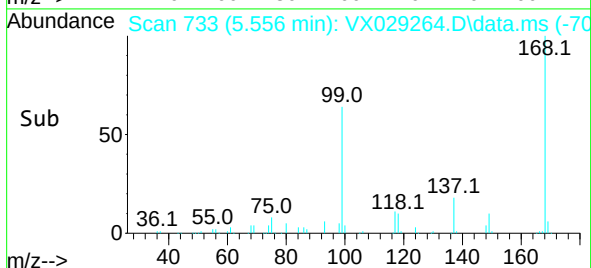
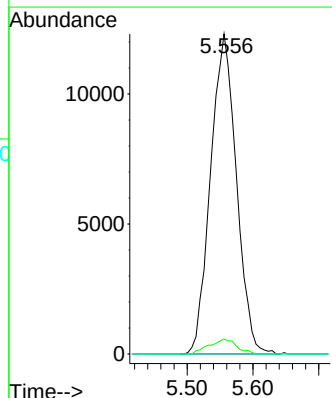
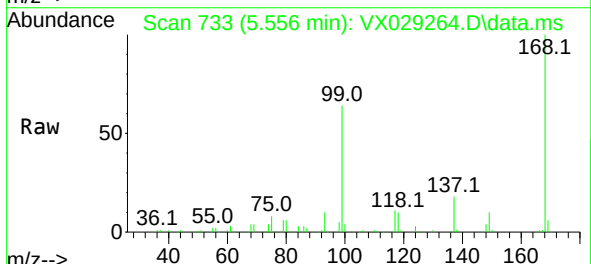
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

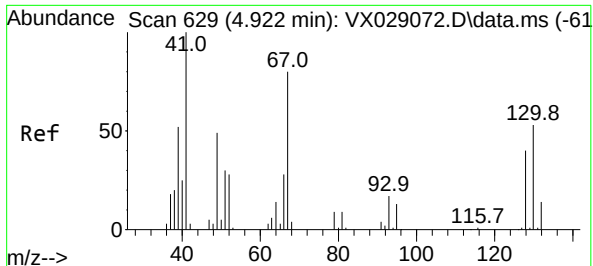
Tgt Ion: 43 Resp: 62903
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 13.3 10.2 15.2



#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 117 Resp: 33688
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

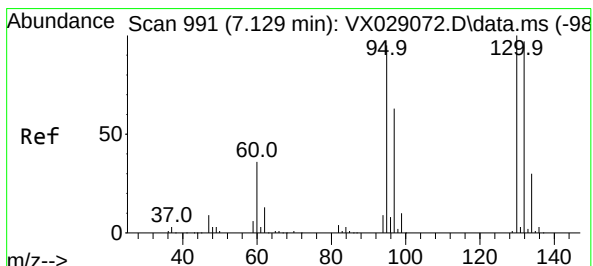
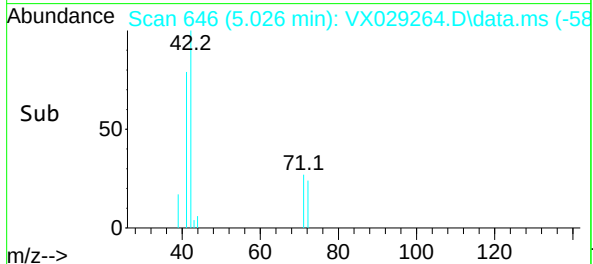
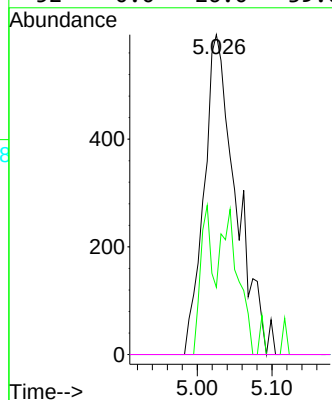
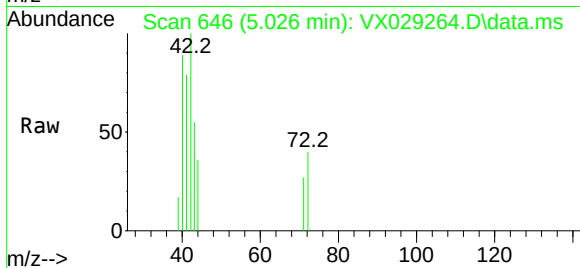




#41
Methacrylonitrile
Concen: 0.659 ug/l
RT: 5.026 min Scan# 641
Delta R.T. 0.104 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

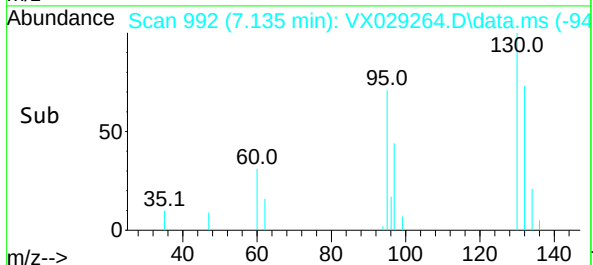
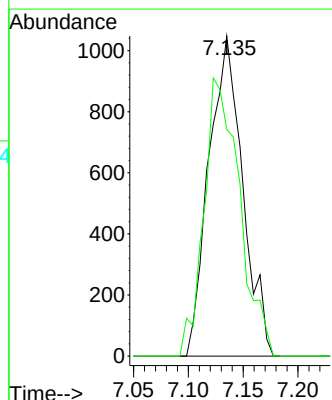
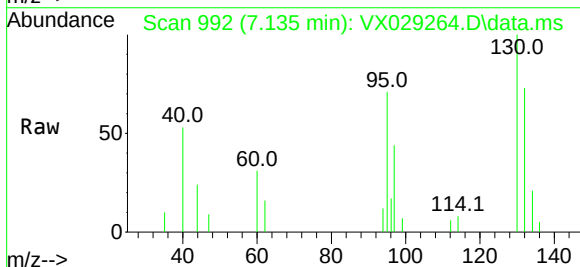
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

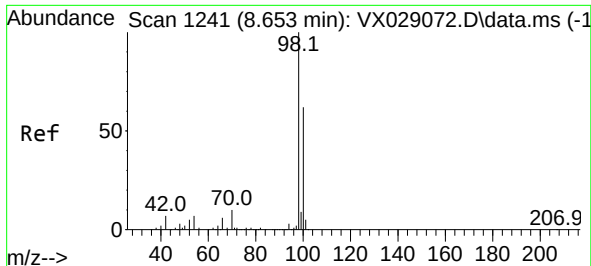
Tgt Ion: 41 Resp: 1769
Ion Ratio Lower Upper
41 100
39 18.3 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion:130 Resp: 2253
Ion Ratio Lower Upper
130 100
95 70.8 0.0 188.8

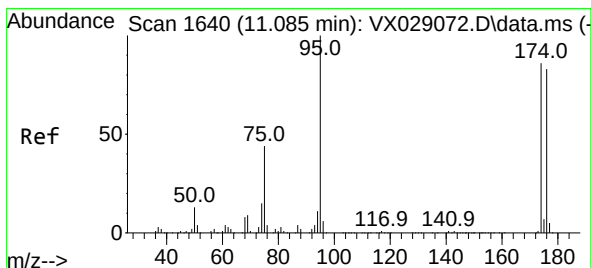
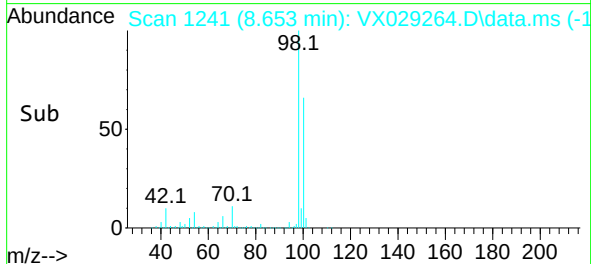
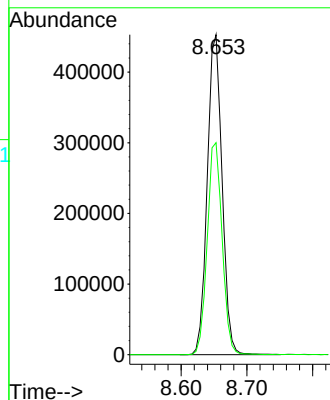
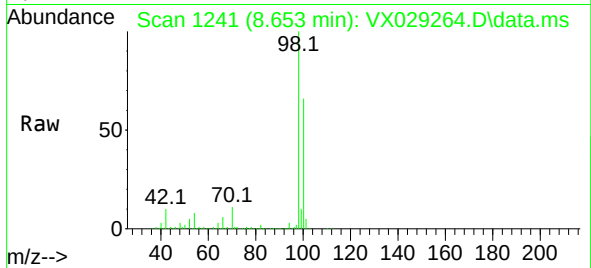




#50
Toluene-d8
Concen: 48.724 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

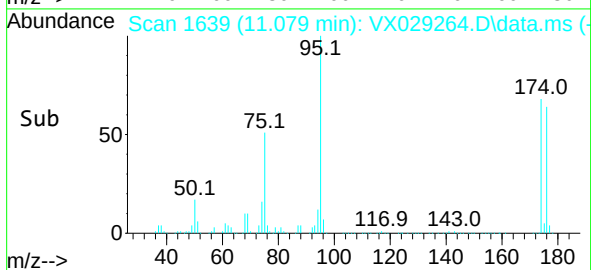
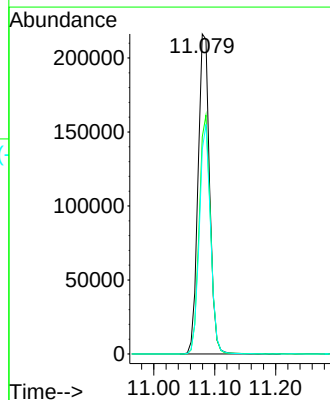
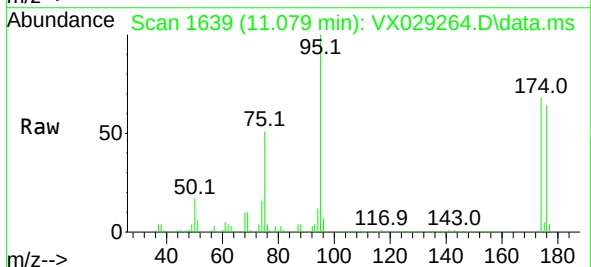
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

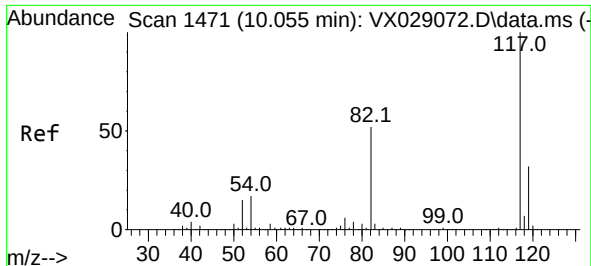
Tgt Ion: 98 Resp: 710292
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 95 Resp: 284386
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 69.6 0.0 155.0

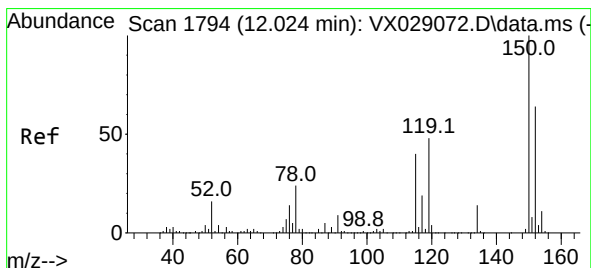
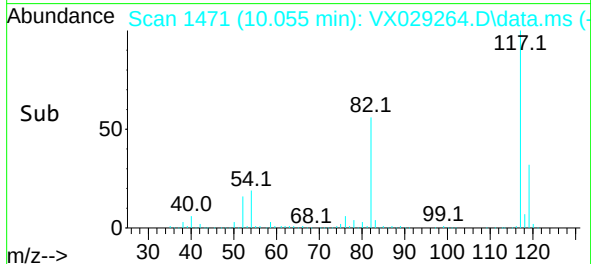
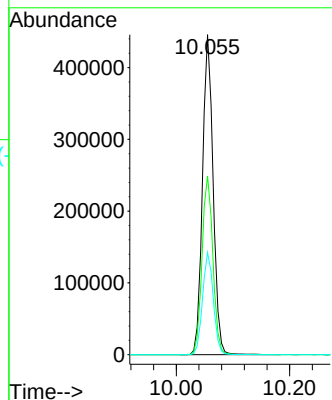
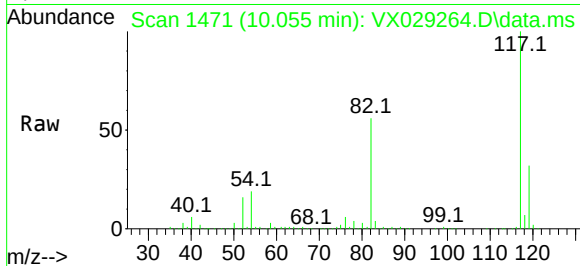




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

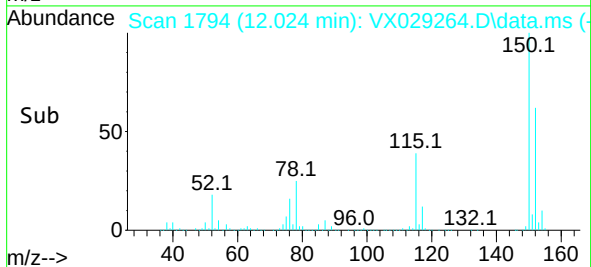
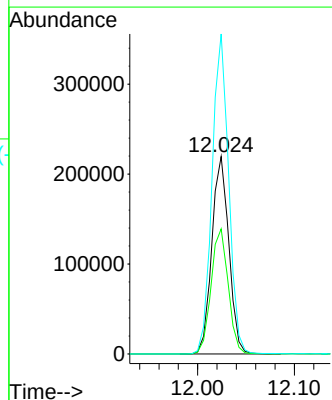
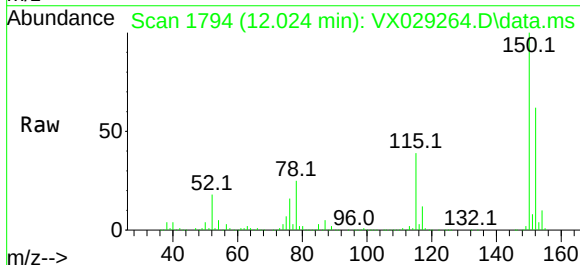
Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

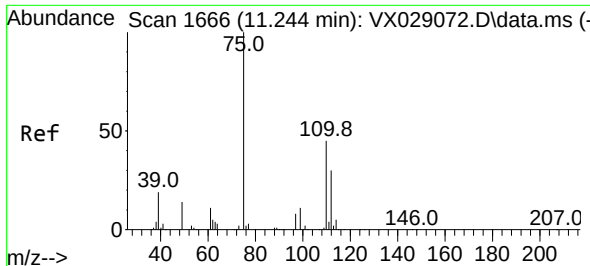
Tgt Ion:117 Resp: 581153
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion:152 Resp: 268439
Ion Ratio Lower Upper
152 100
115 63.8 37.5 112.7
150 158.3 0.0 338.2

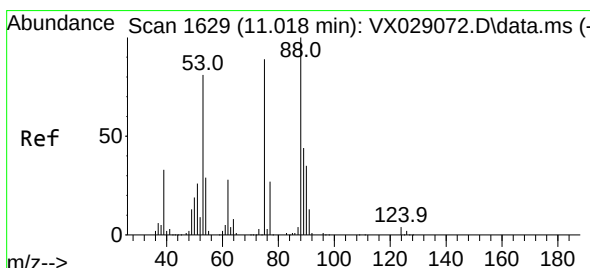
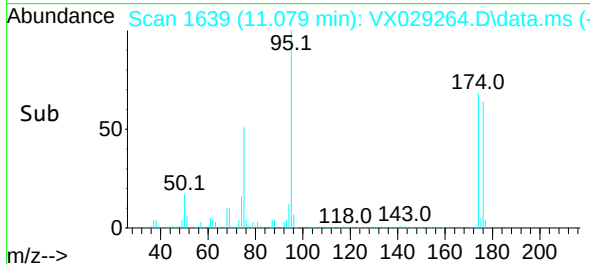
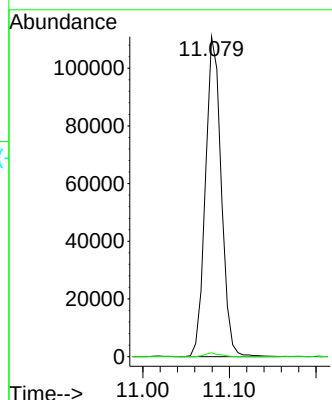
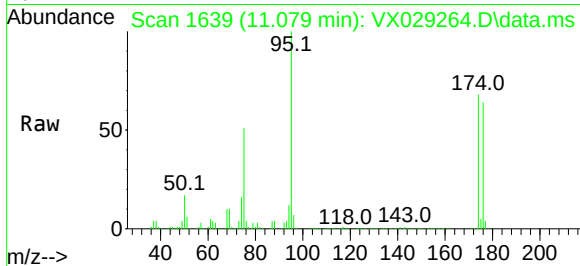




#76
1,2,3-Trichloropropane
Concen: 25.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Instrument :
MSVOA_X
ClientSampleId :
51BR-20220601

Tgt Ion: 75 Resp: 140772
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029264.D
Acq: 07 Jun 2022 02:25

Tgt Ion: 75 Resp: 140772
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

