

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029189.D
 Acq On : 03 Jun 2022 14:52
 Operator : JC/MD
 Sample : N3164-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 27BR-20220531

Quant Time: Jun 06 02:35:09 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)

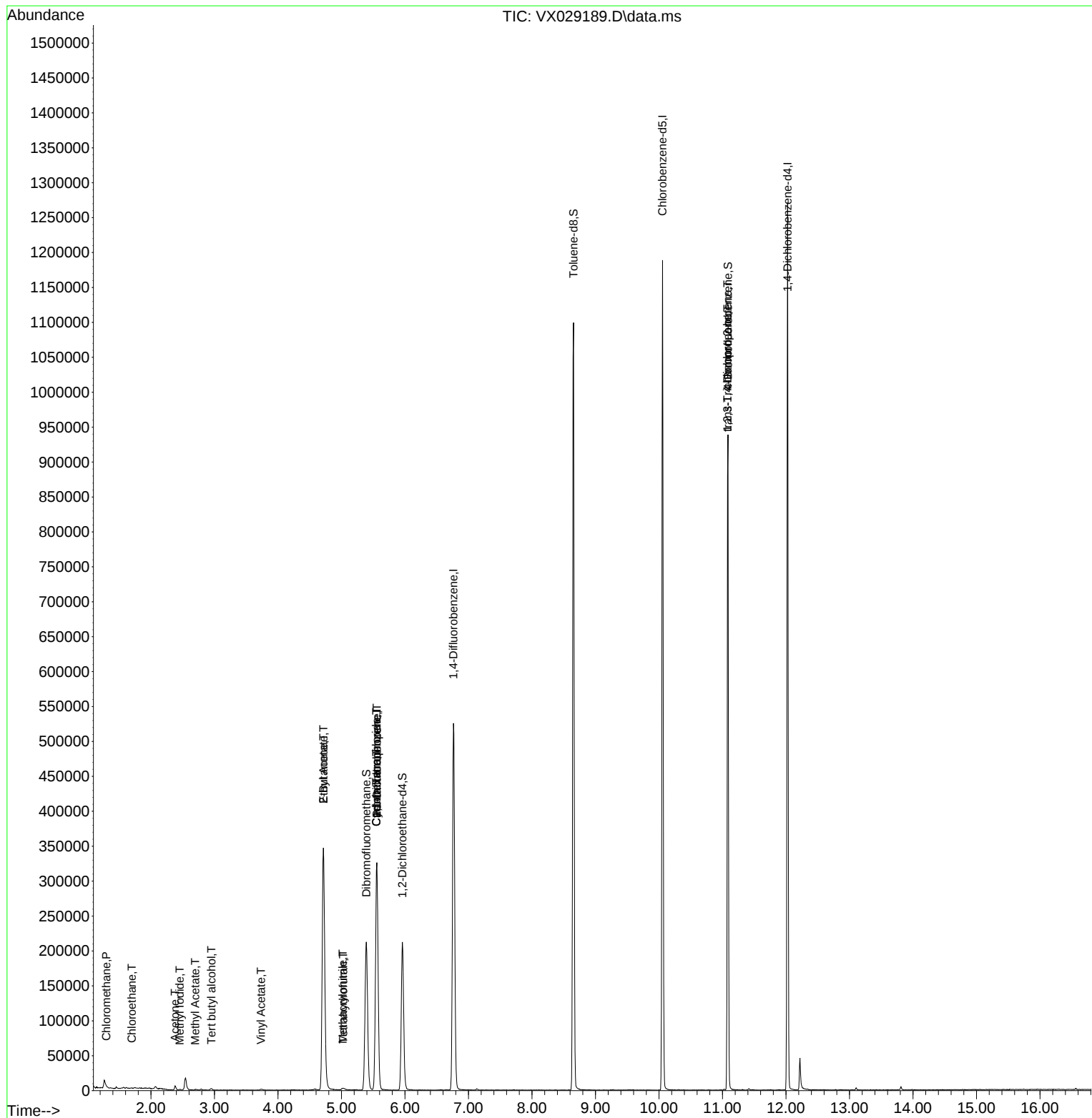
Internal Standards						
1) Pentafluorobenzene	5.556	168	308357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201079	57.828	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.660%
35) Dibromofluoromethane	5.391	113	190424	50.203	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.400%
50) Toluene-d8	8.653	98	673747	48.565	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.085	95	265835	49.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	649	0.231	ug/l	97
5) Bromomethane	1.612	94	775	Below Cal		99
6) Chloroethane	1.697	64	1088	1.795	ug/l #	43
10) Methyl Iodide	2.453	142	784	4.433	ug/l #	86
11) Tert butyl alcohol	2.953	59	1484	1.842	ug/l #	72
16) Acetone	2.380	43	5674	4.144	ug/l #	85
18) Methyl Acetate	2.697	43	1061	0.300	ug/l #	81
23) Vinyl Acetate	3.733	43	2543	0.365	ug/l	100
25) 2-Butanone	4.715	43	575011	260.338	ug/l #	44
29) Tetrahydrofuran	5.026	42	2728	1.926	ug/l	91
31) Cyclohexane	5.550	56	6046	1.337	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22949	4.702	ug/l #	50
37) Ethyl Acetate	4.715	43	575228	121.612	ug/l	99
38) Carbon Tetrachloride	5.550	117	32042	5.745	ug/l #	15
41) Methacrylonitrile	5.019	41	718	0.281	ug/l #	27
44) Trichloroethene	7.129	130	828	Below Cal		77
76) 1,2,3-Trichloropropane	11.079	75	126986	24.625	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	126986	72.246	ug/l #	15

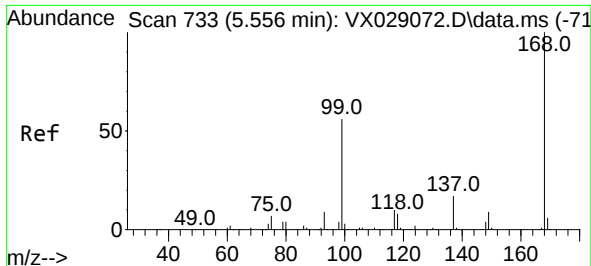
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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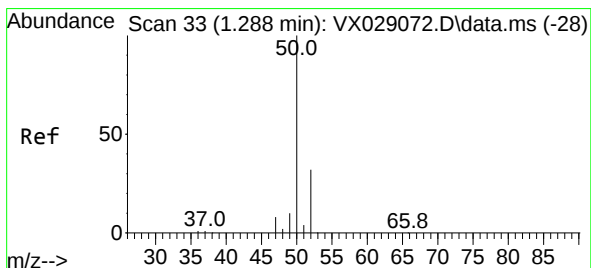
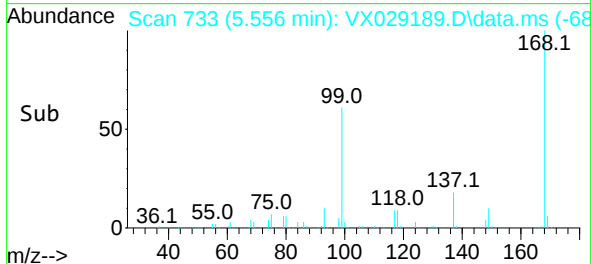
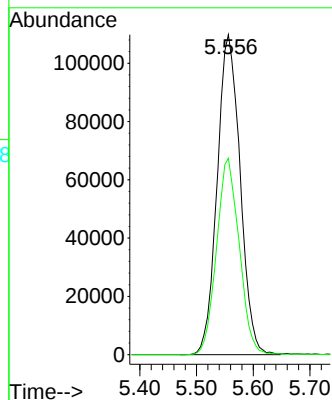
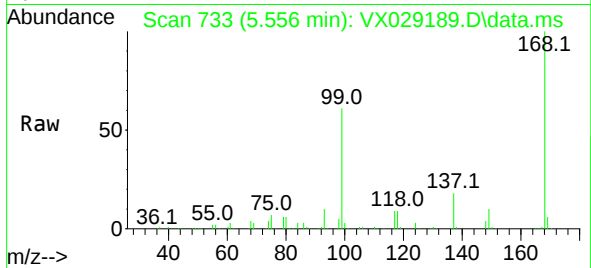




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

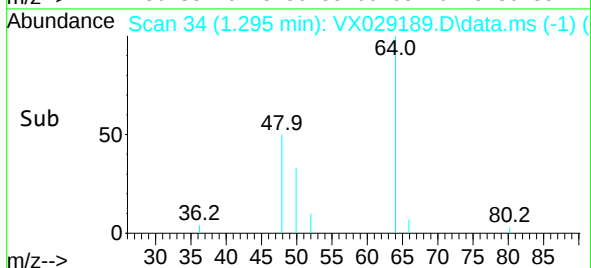
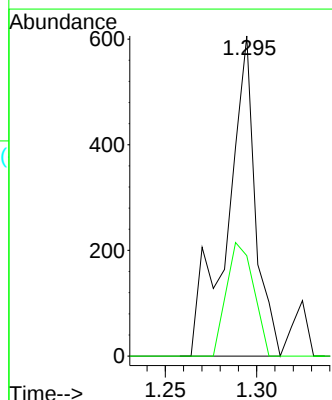
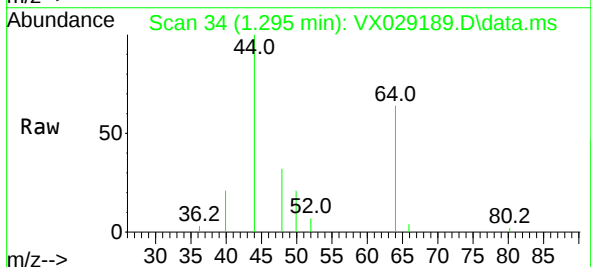
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

Tgt Ion:168 Resp: 308357
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 31.4 26.4 39.6

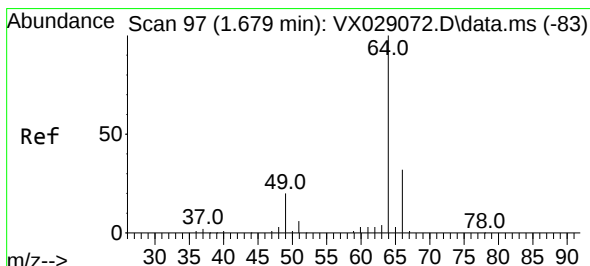
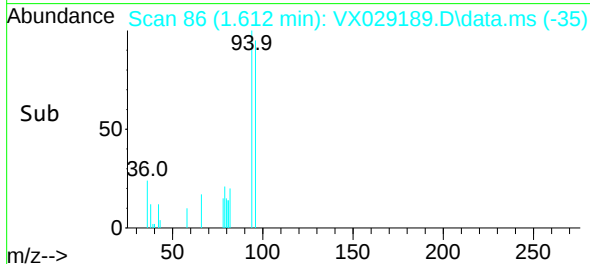
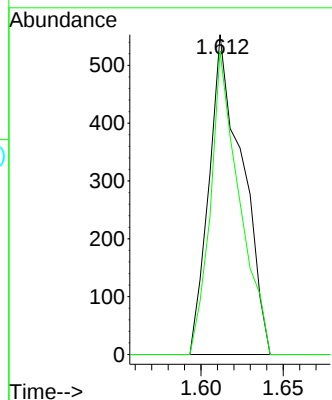
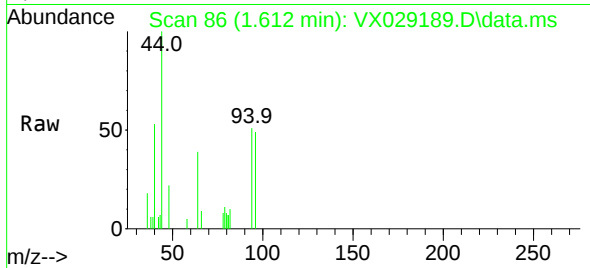




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

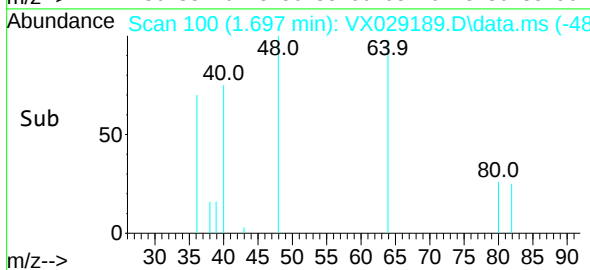
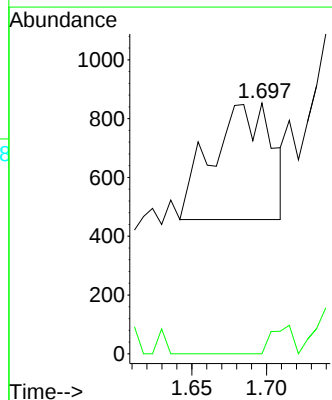
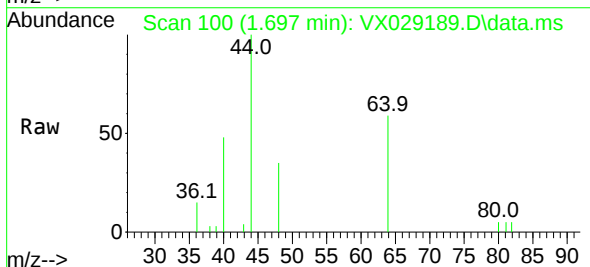
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

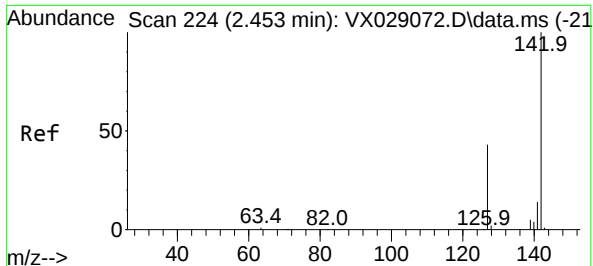
Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 94.9 75.3 112.9



#6
Chloroethane
Concen: 1.795 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

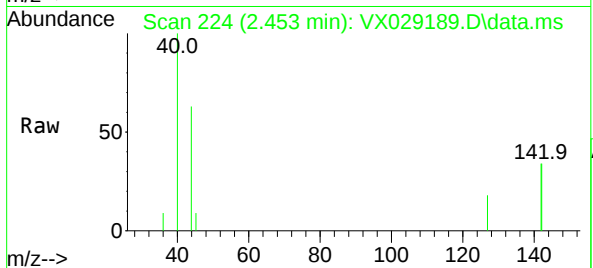
Tgt Ion: 64 Resp: 1088
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



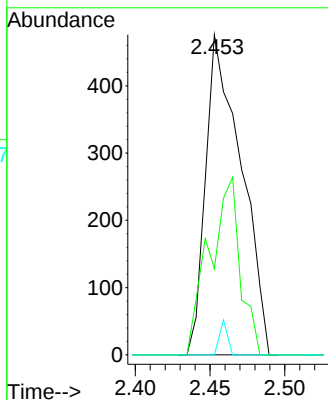
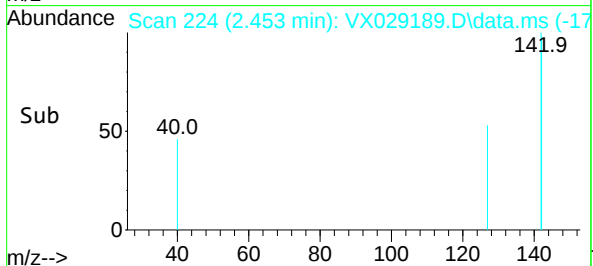


#10
Methyl Iodide
Concen: 4.433 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

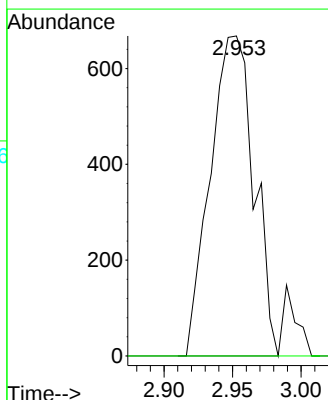
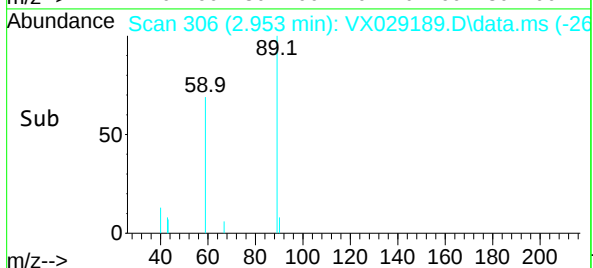
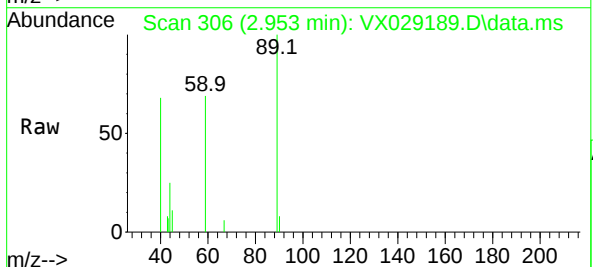


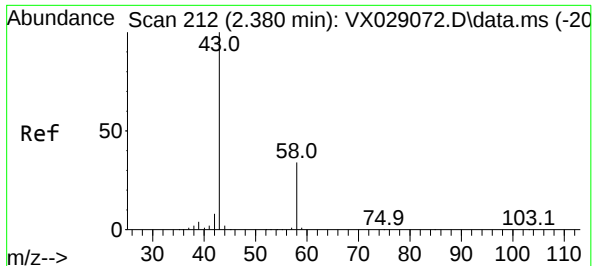
Tgt Ion:142 Resp: 784
Ion Ratio Lower Upper
142 100
127 48.2 33.9 50.9
141 2.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.842 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 59 Resp: 1484
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

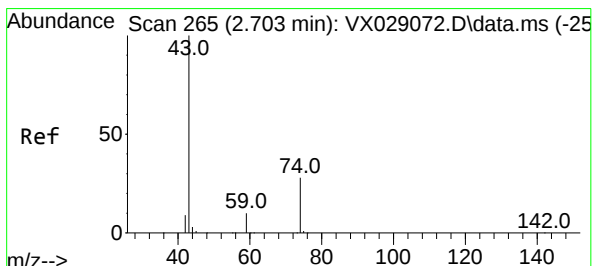
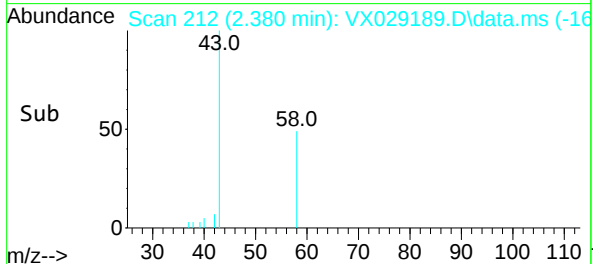
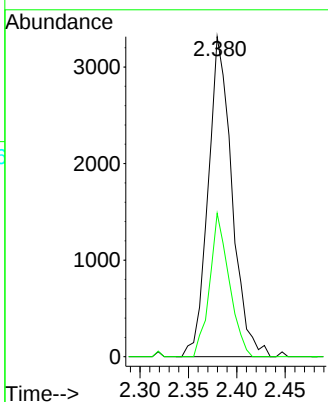
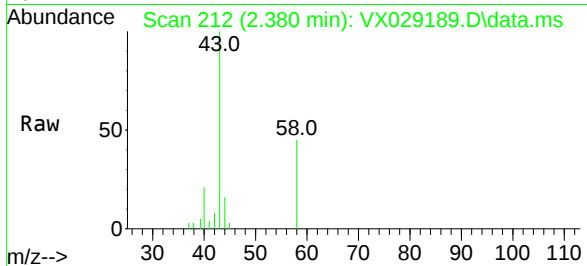




#16
Acetone
Concen: 4.144 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

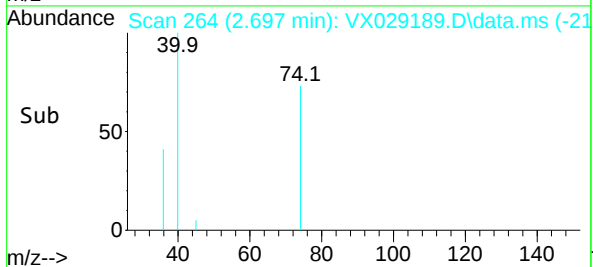
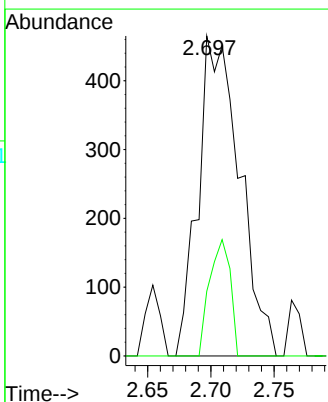
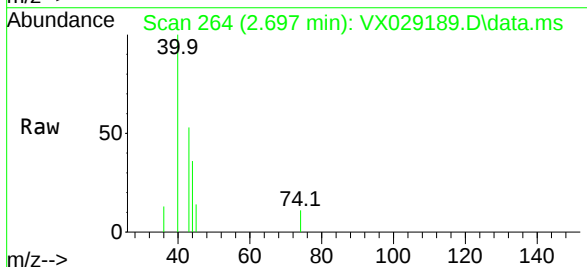
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

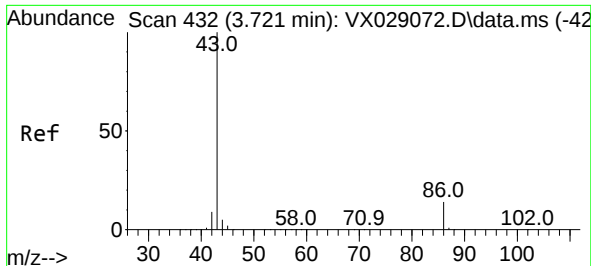
Tgt Ion: 43 Resp: 5674
Ion Ratio Lower Upper
43 100
58 44.8 28.8 43.2#



#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
74 18.2 22.8 34.2#

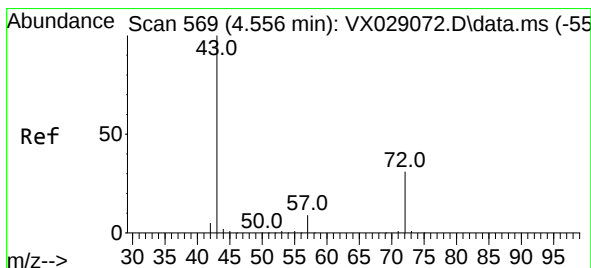
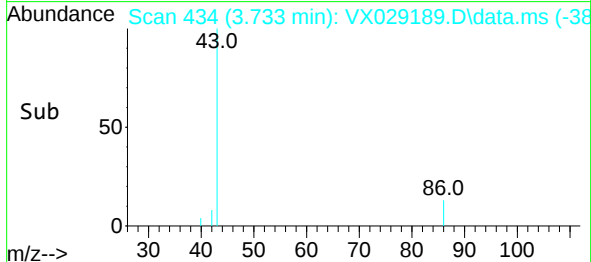
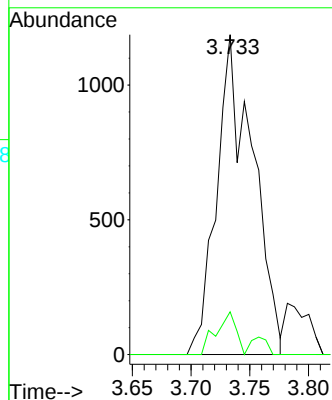
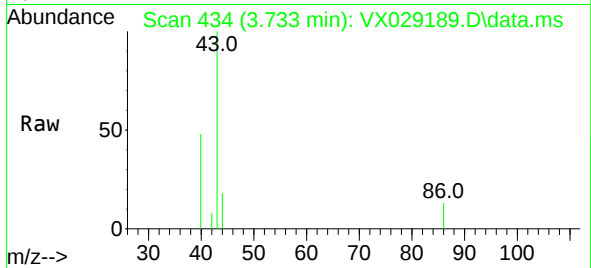




#23
 Vinyl Acetate
 Concen: 0.365 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX029189.D
 Acq: 03 Jun 2022 14:52

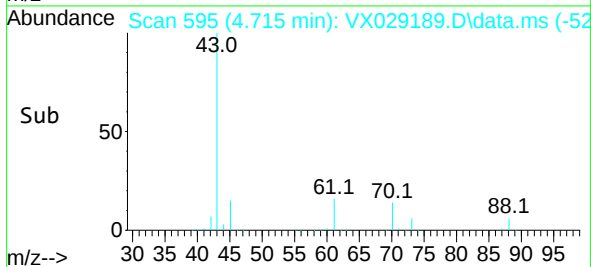
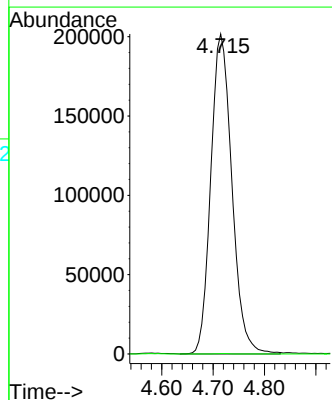
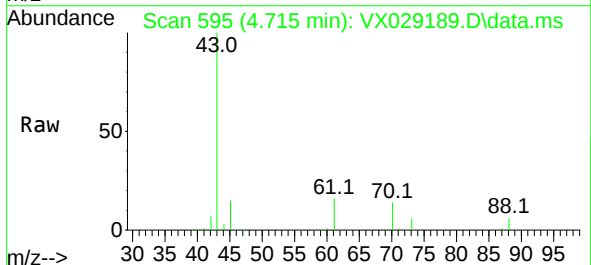
Instrument :
 MSVOA_X
 ClientSampleId :
 27BR-20220531

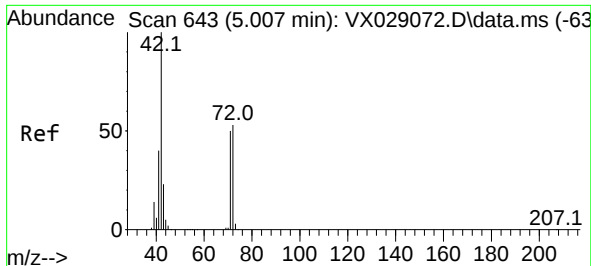
Tgt Ion: 43 Resp: 2543
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.8 16.2



#25
 2-Butanone
 Concen: 260.338 ug/l
 RT: 4.715 min Scan# 595
 Delta R.T. 0.159 min
 Lab File: VX029189.D
 Acq: 03 Jun 2022 14:52

Tgt Ion: 43 Resp: 575011
 Ion Ratio Lower Upper
 43 100
 72 0.1 24.4 36.6#





#29

Tetrahydrofuran

Concen: 1.926 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX029189.D

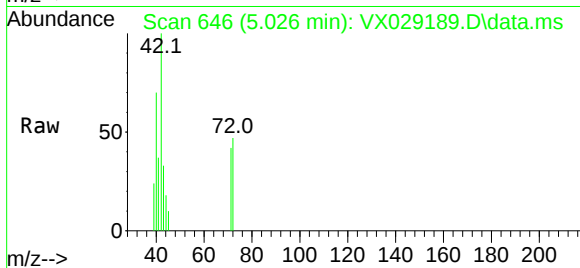
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Instrument :

MSVOA_X

ClientSampleId :

27BR-20220531



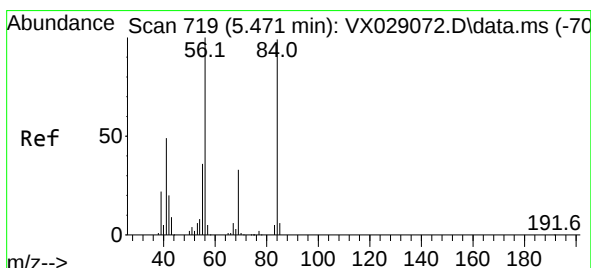
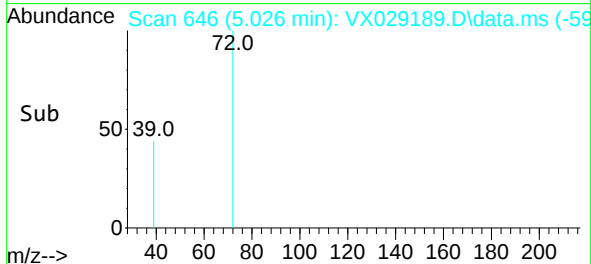
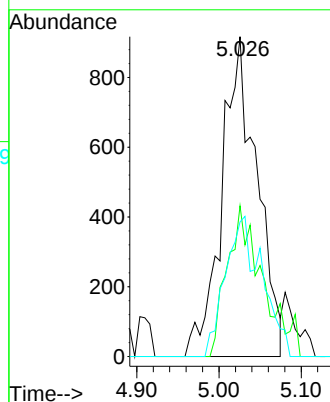
Tgt Ion: 42 Resp: 2728

Ion Ratio Lower Upper

42 100

72 47.7 44.1 66.1

71 45.7 40.5 60.7



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029189.D

Acq: 03 Jun 2022 14:52

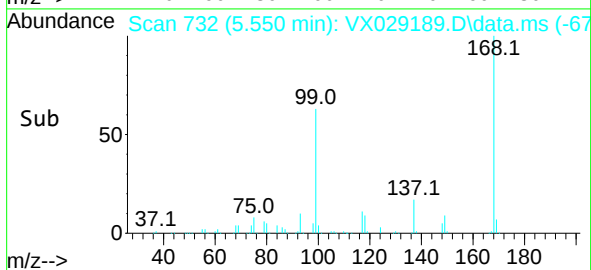
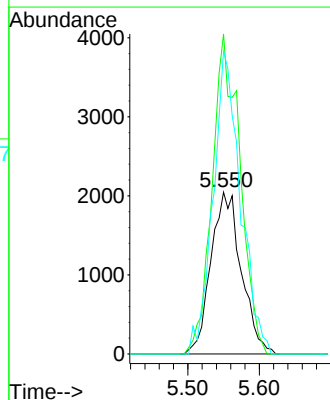
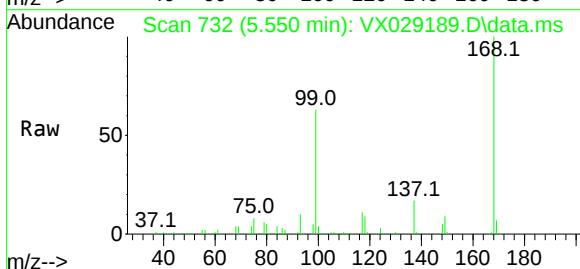
Tgt Ion: 56 Resp: 6046

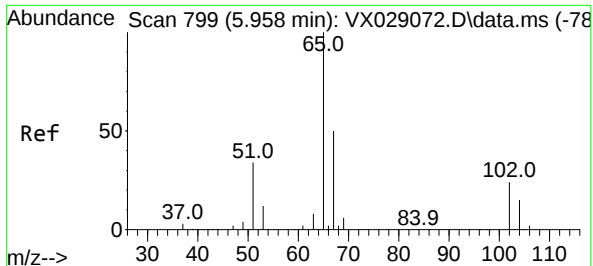
Ion Ratio Lower Upper

56 100

69 197.8 26.7 40.1#

84 187.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.828 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029189.D

Acq: 03 Jun 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

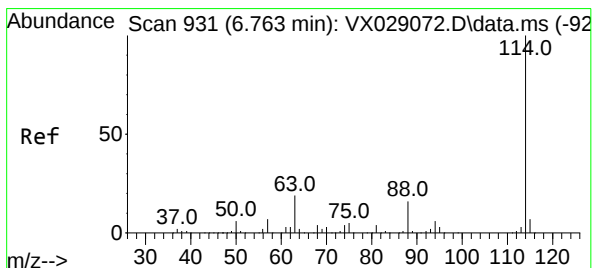
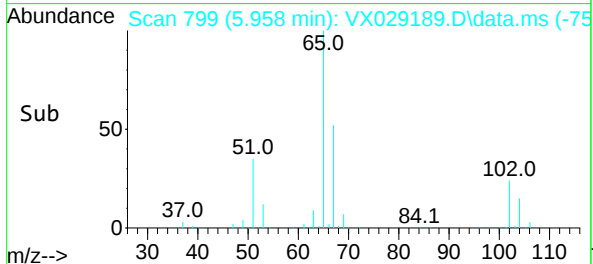
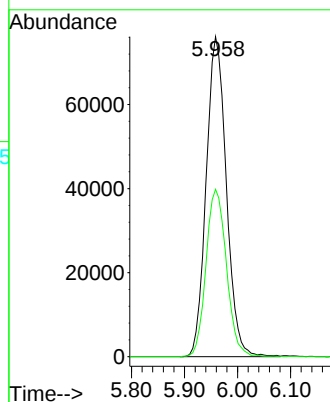
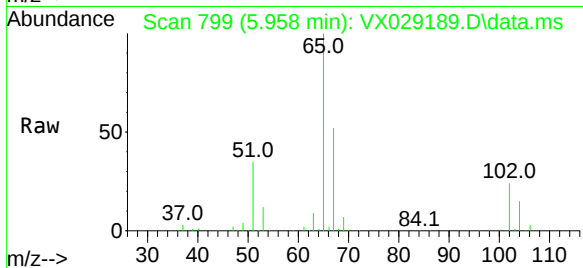
27BR-20220531

Tgt Ion: 65 Resp: 201079

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029189.D

Acq: 03 Jun 2022 14:52

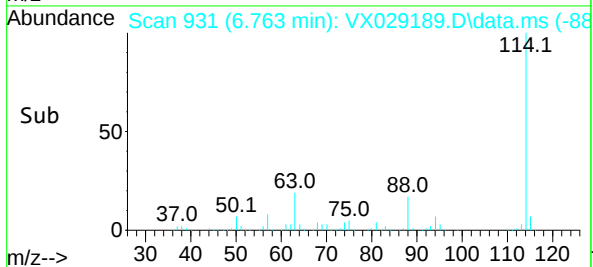
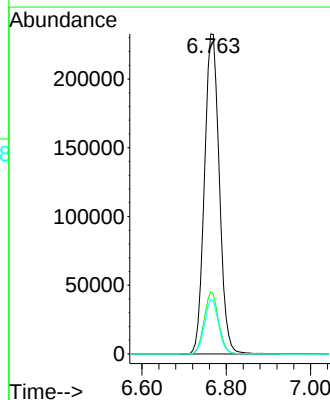
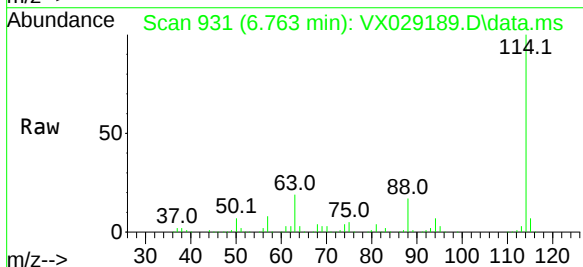
Tgt Ion: 114 Resp: 571059

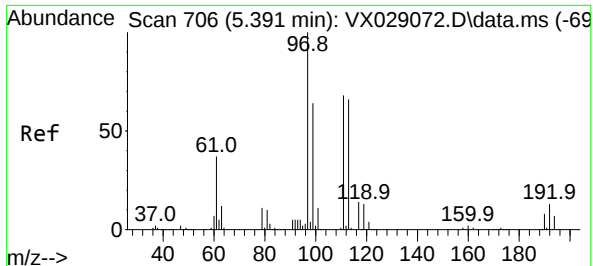
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.9 0.0 32.4

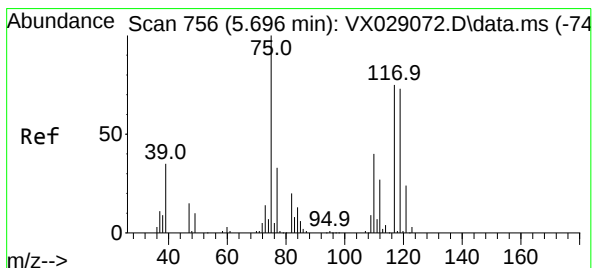
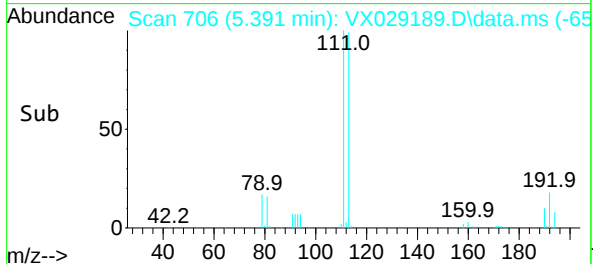
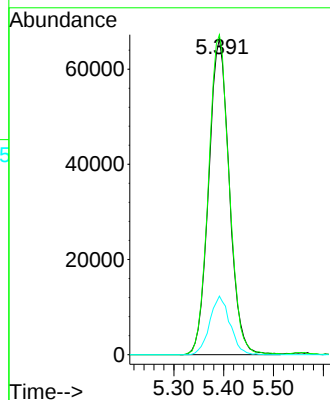
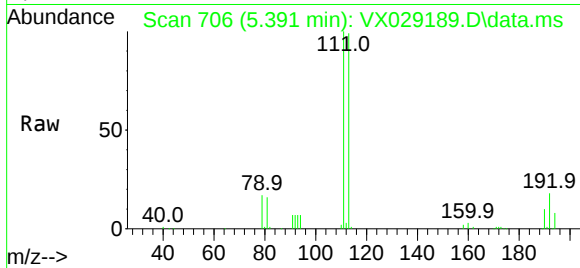




#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

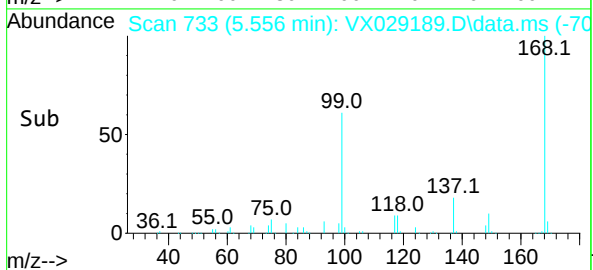
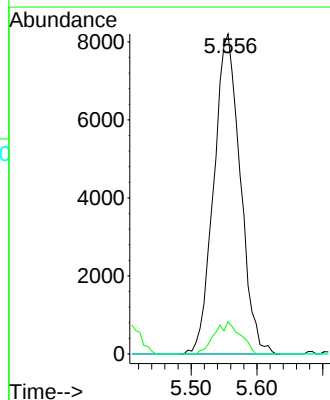
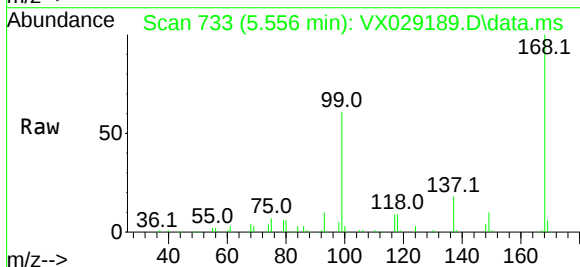
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

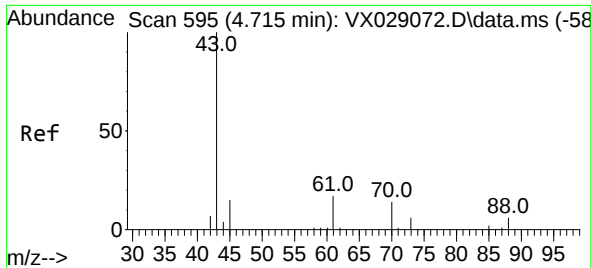
Tgt Ion:113 Resp: 190424
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 75 Resp: 22949
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#

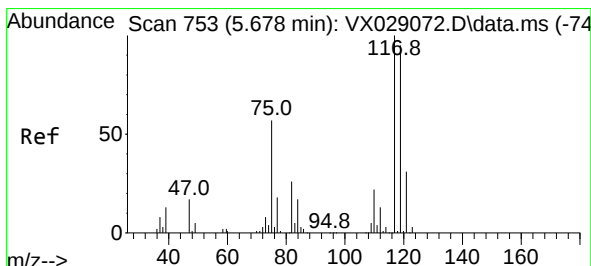
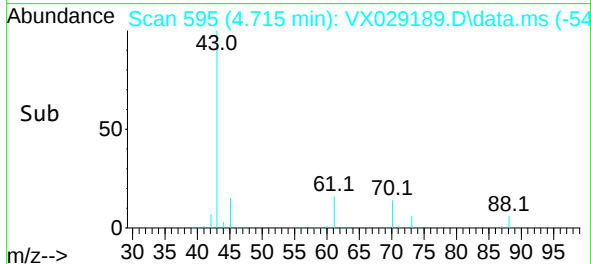
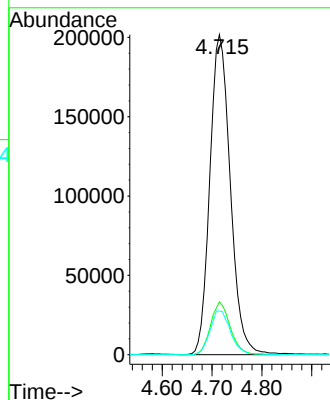
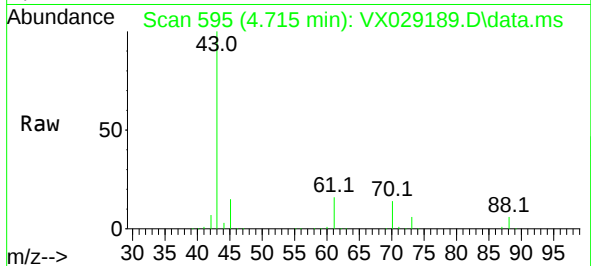




#37
Ethyl Acetate
Concen: 121.612 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

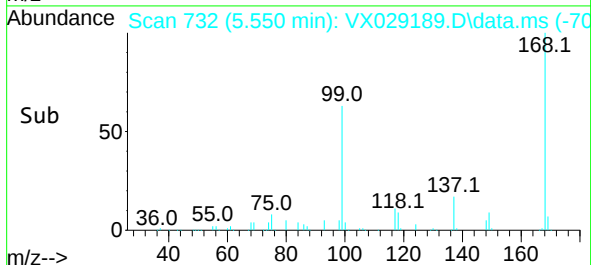
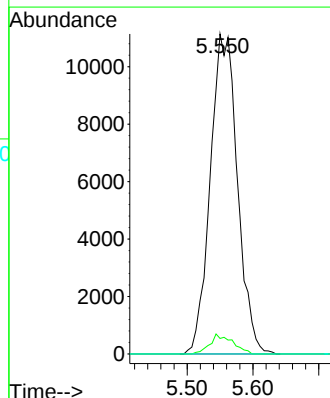
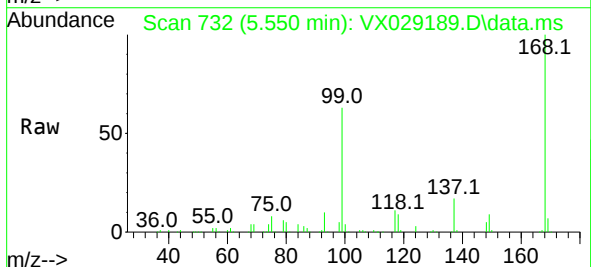
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

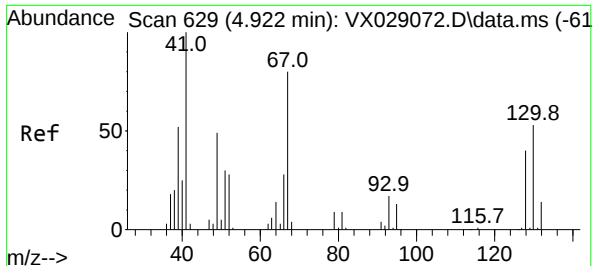
Tgt Ion: 43 Resp: 575228
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 13.8 10.2 15.2



#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 117 Resp: 32042
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

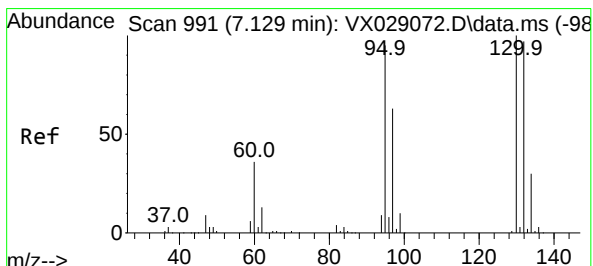
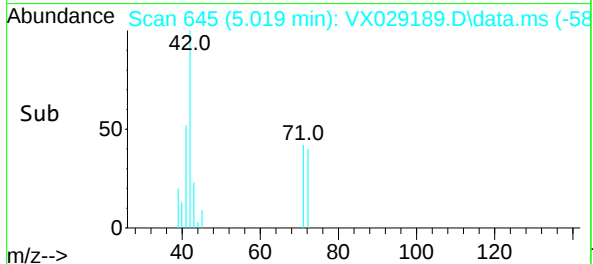
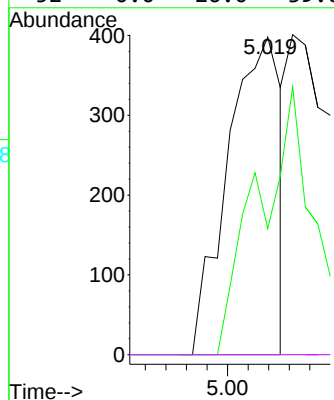
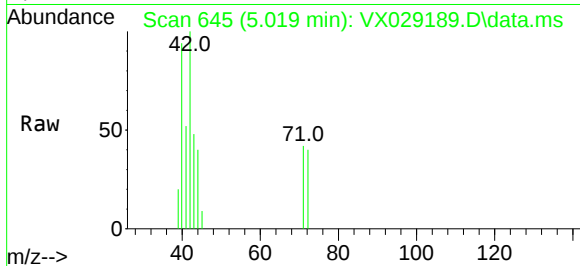




#41
Methacrylonitrile
Concen: 0.281 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

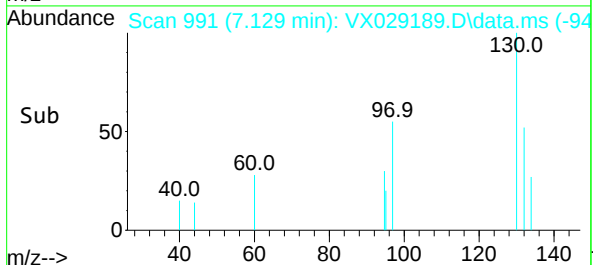
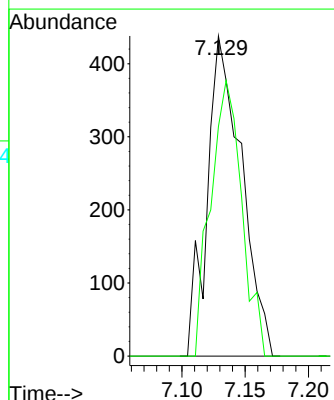
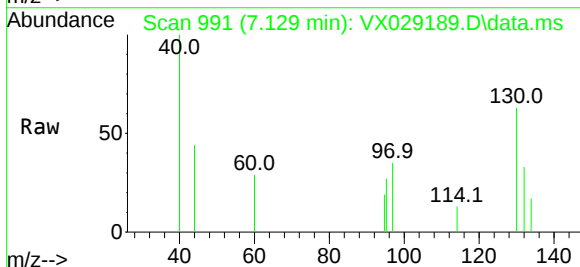
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

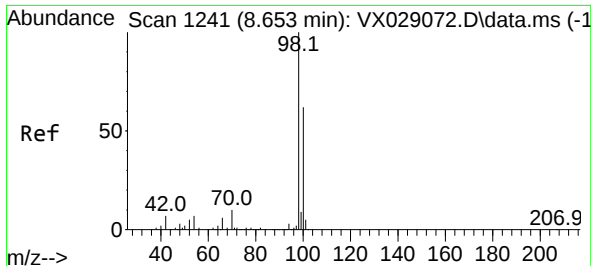
Tgt Ion: 41 Resp: 718
Ion Ratio Lower Upper
41 100
39 87.6 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion:130 Resp: 828
Ion Ratio Lower Upper
130 100
95 71.7 0.0 188.8

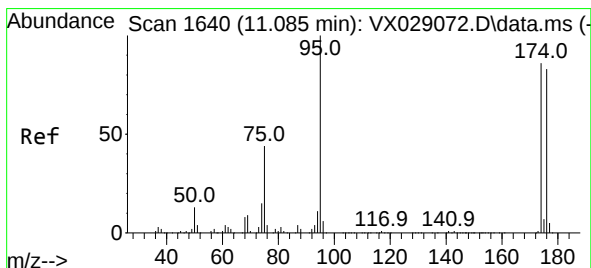
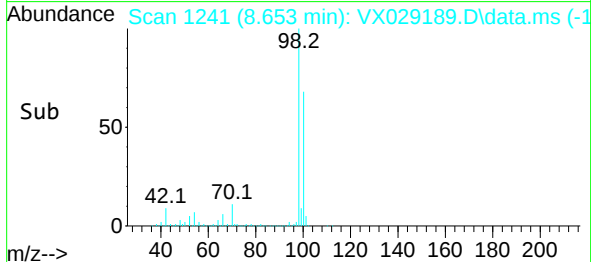
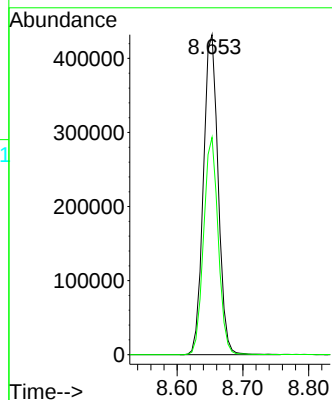
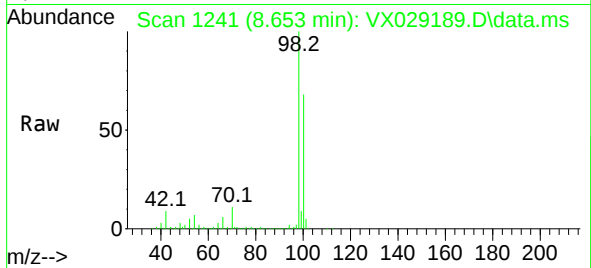




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

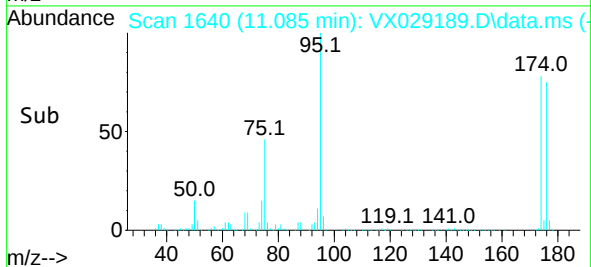
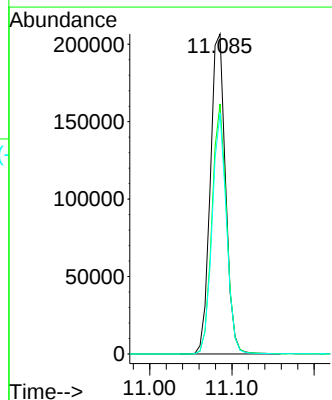
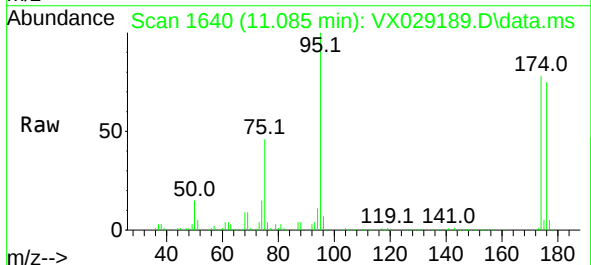
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

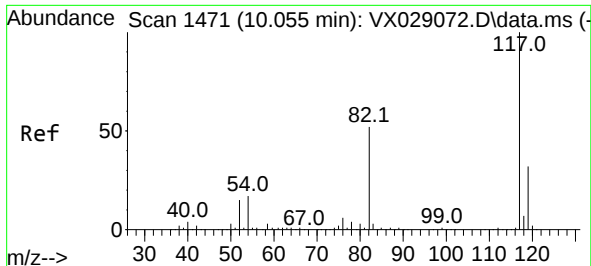
Tgt Ion: 98 Resp: 673747
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.572 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 95 Resp: 265835
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 71.0 0.0 155.0

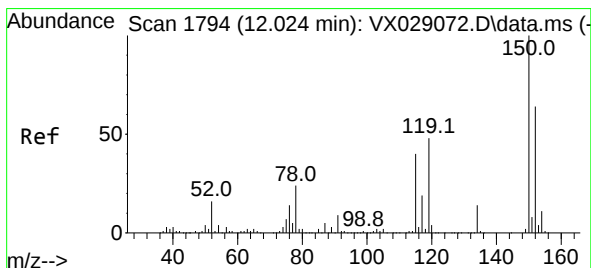
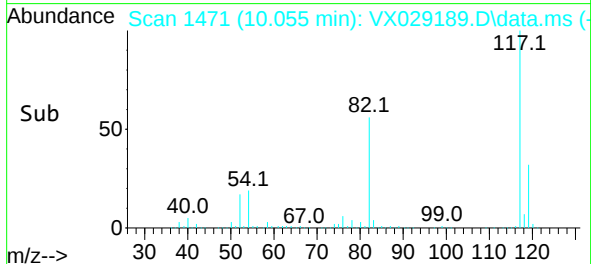
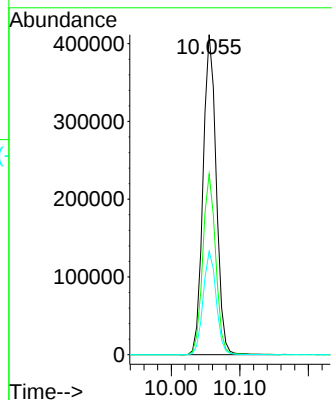
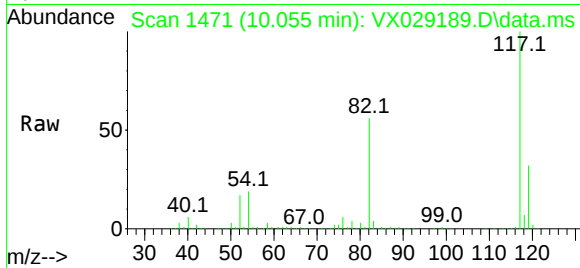




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

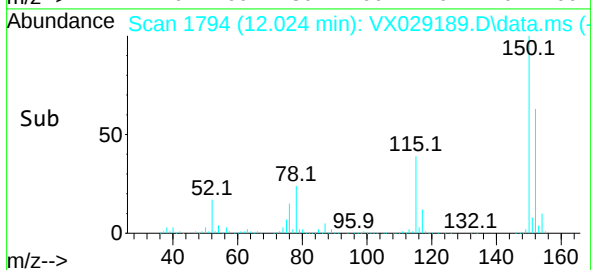
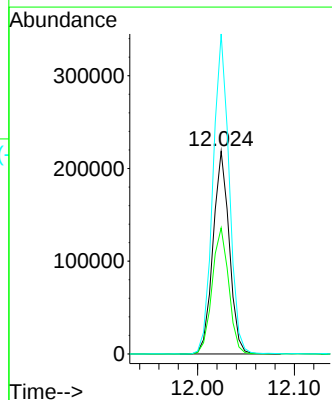
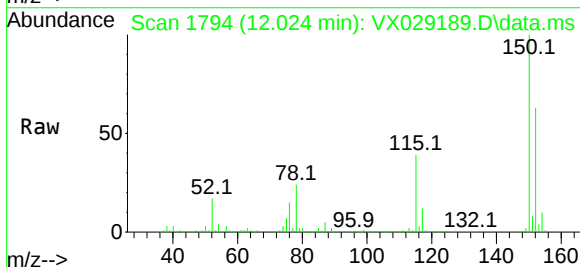
Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

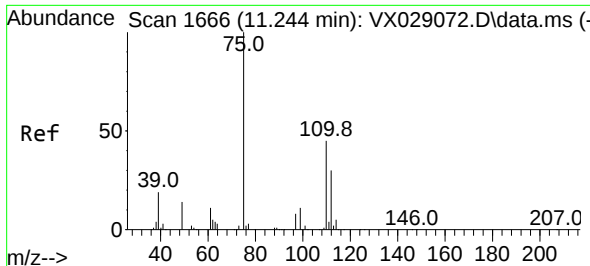
Tgt Ion:117 Resp: 551945
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion:152 Resp: 254379
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 157.9 0.0 338.2

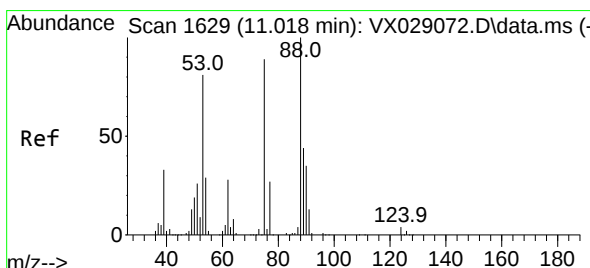
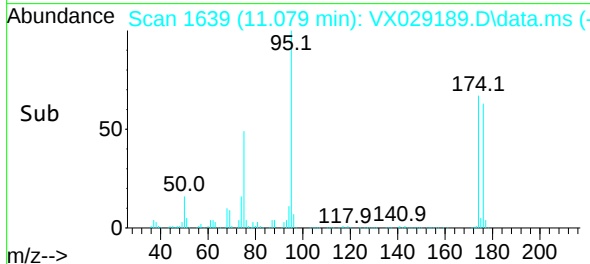
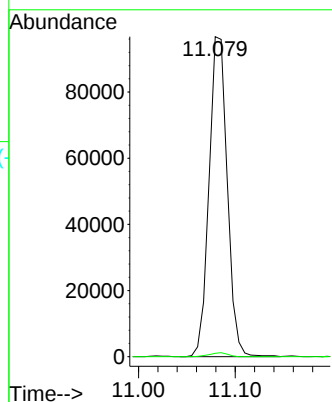
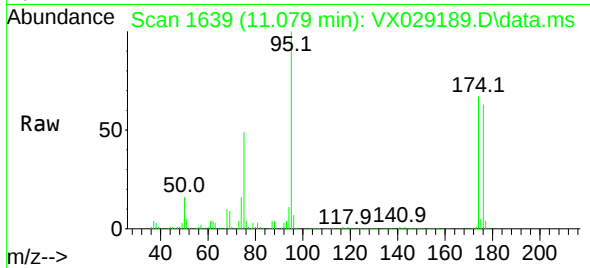




#76
1,2,3-Trichloropropane
Concen: 24.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
27BR-20220531

Tgt Ion: 75 Resp: 126986
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029189.D
Acq: 03 Jun 2022 14:52

Tgt Ion: 75 Resp: 126986
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

