

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029205.D
 Acq On : 03 Jun 2022 21:05
 Operator : JC/MD
 Sample : N3164-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20220531

Quant Time: Jun 06 02:37:40 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)

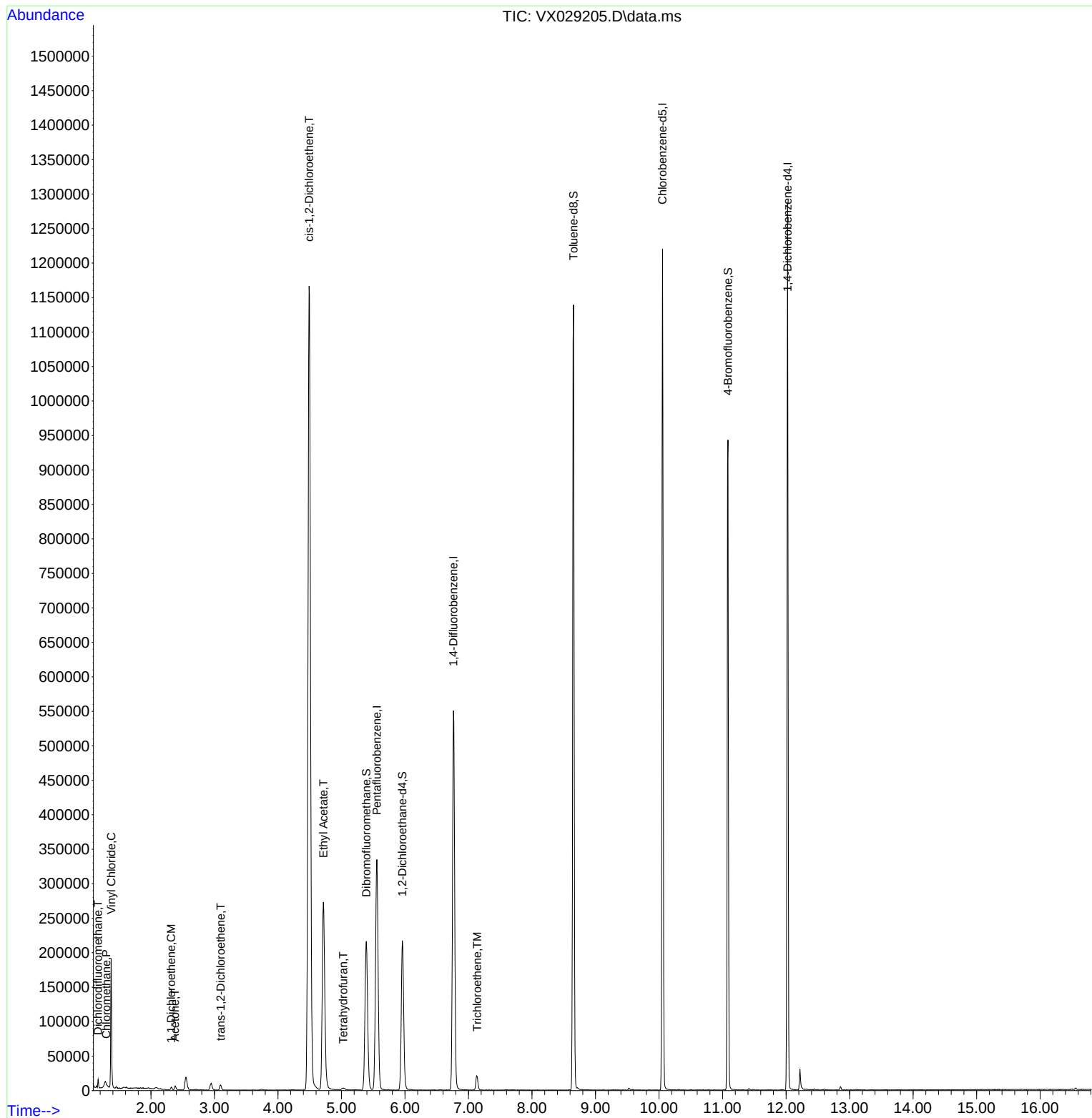
Internal Standards						
1) Pentafluorobenzene	5.556	168	316416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	565711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207005	58.016	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.040%
35) Dibromofluoromethane	5.391	113	192895	49.675	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.340%
50) Toluene-d8	8.653	98	691739	48.706	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.085	95	270669	49.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6071	2.207	ug/l	94
3) Chloromethane	1.294	50	680	0.236	ug/l #	87
4) Vinyl Chloride	1.374	62	111410	35.193	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1355	0.475	ug/l	94
16) Acetone	2.380	43	6157	4.382	ug/l	100
21) trans-1,2-Dichloroethene	3.099	96	3488	1.084	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	789563	205.780	ug/l	86
29) Tetrahydrofuran	5.025	42	2684	1.847	ug/l	92
37) Ethyl Acetate	4.715	43	451001	93.137	ug/l	99
44) Trichloroethene	7.135	130	8773	1.316	ug/l	92

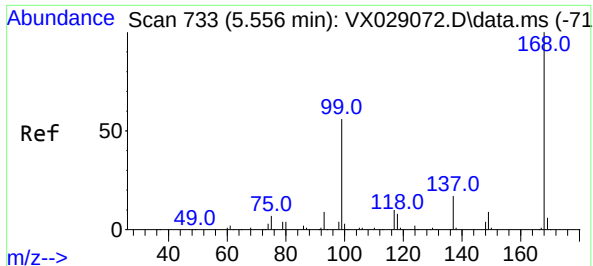
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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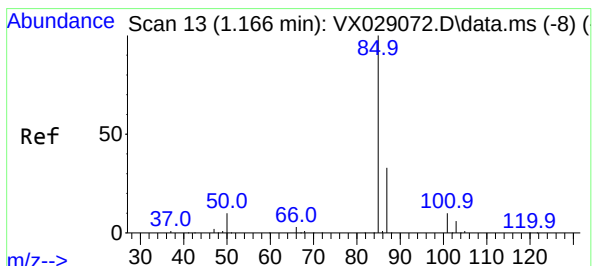
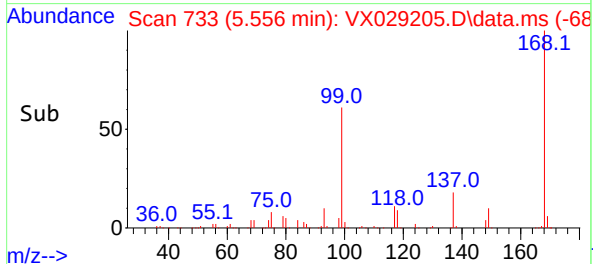
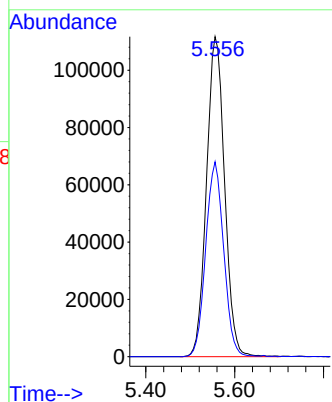
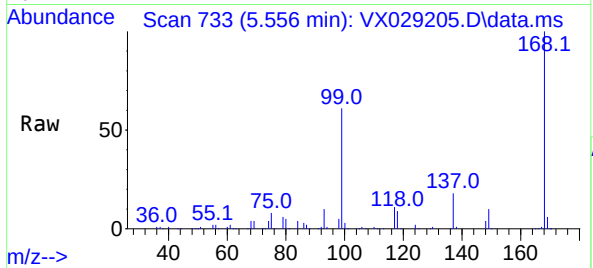




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

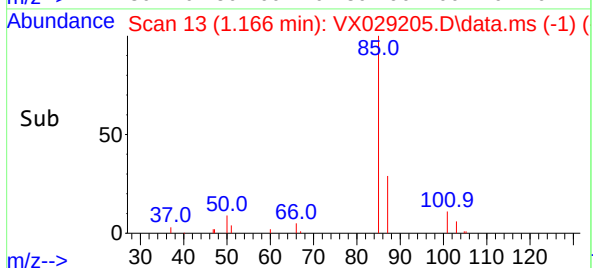
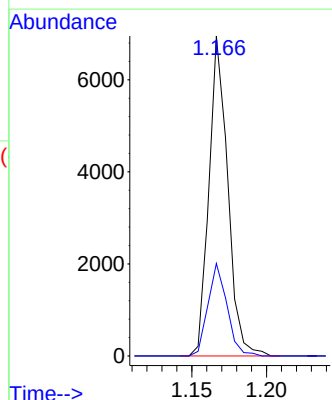
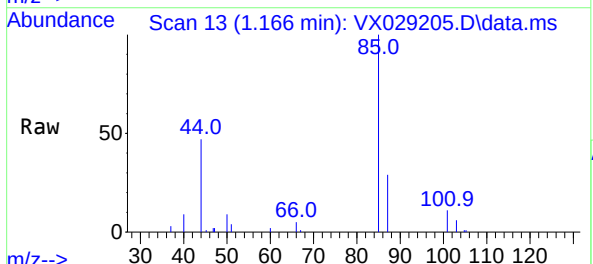
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

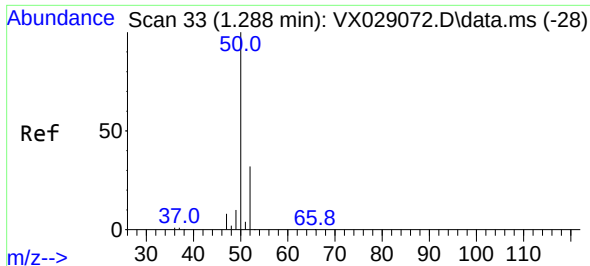
Tgt Ion:168 Resp: 316416
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 2.207 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion: 85 Resp: 6071
Ion Ratio Lower Upper
85 100
87 28.9 16.2 48.6

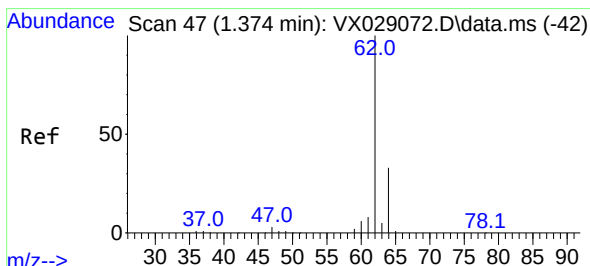
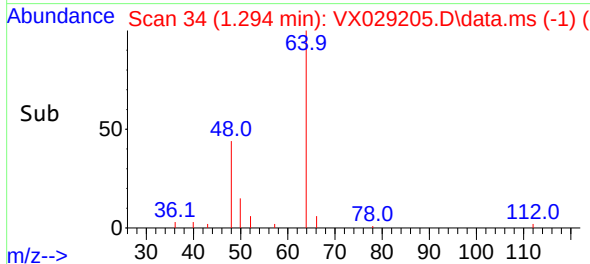
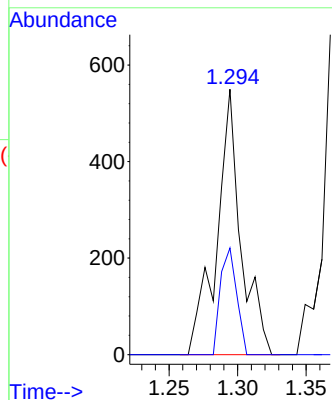
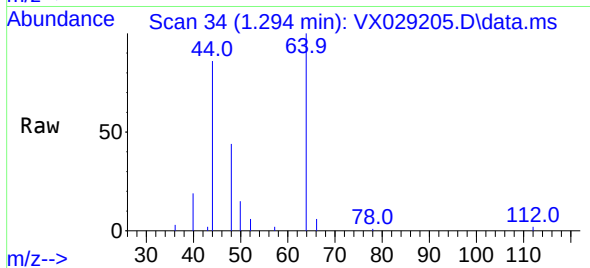




#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

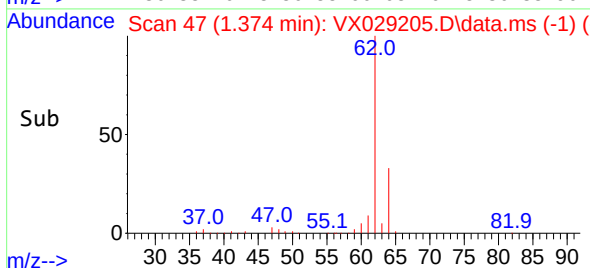
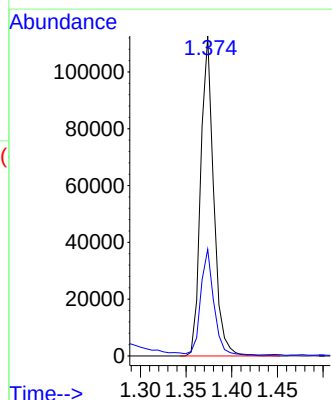
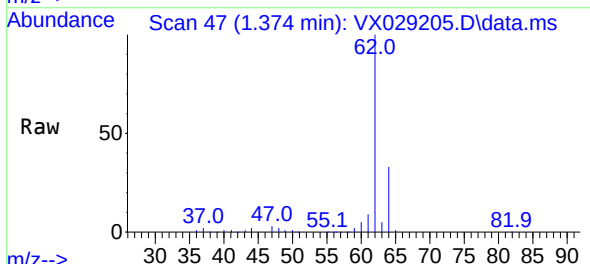
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

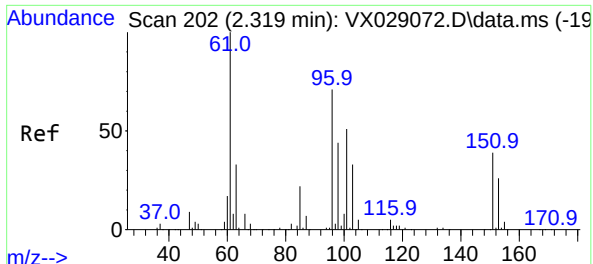
Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 40.2 26.4 39.6#



#4
Vinyl Chloride
Concen: 35.193 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion: 62 Resp: 111410
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3

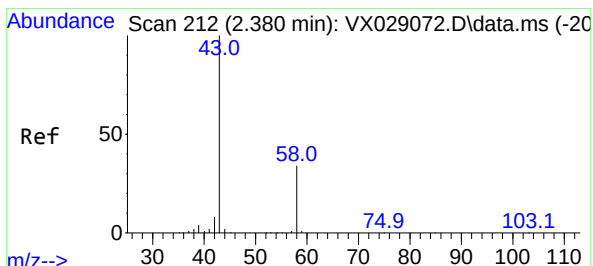
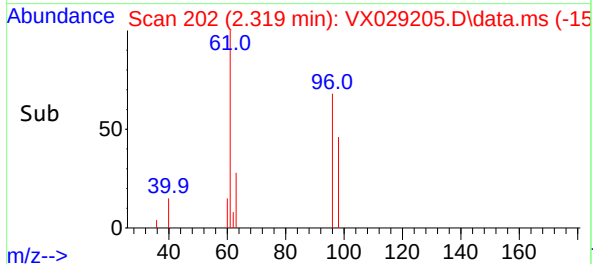
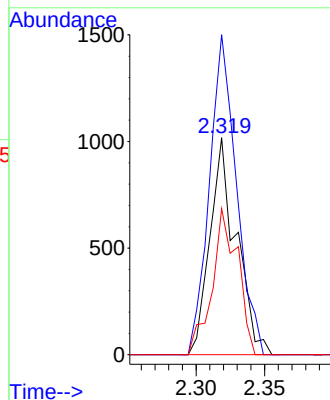
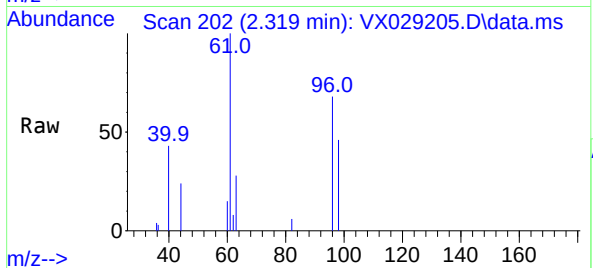




#12
1,1-Dichloroethene
Concen: 0.475 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

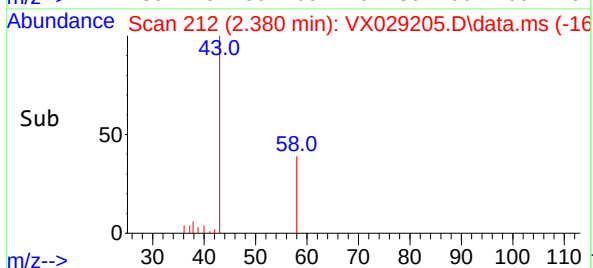
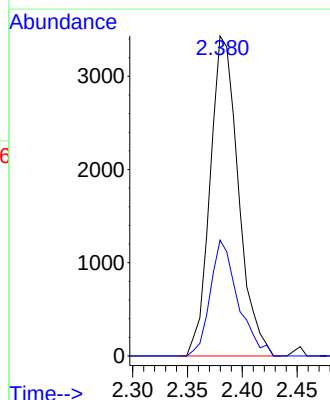
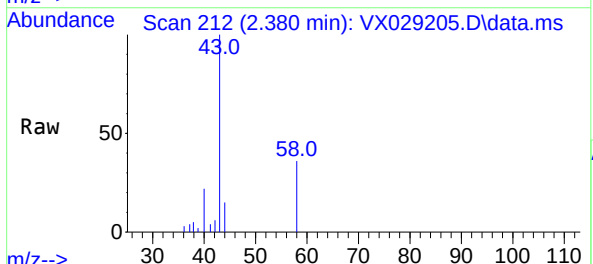
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

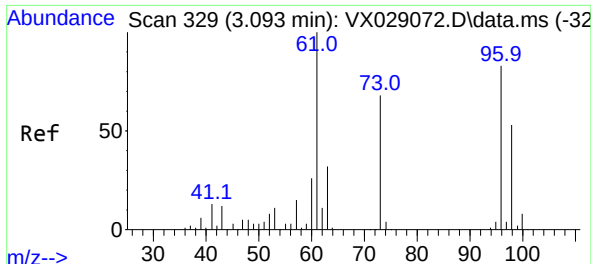
Tgt Ion: 96 Resp: 1355
Ion Ratio Lower Upper
96 100
61 147.4 124.6 187.0
98 67.3 51.0 76.4



#16
Acetone
Concen: 4.382 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion: 43 Resp: 6157
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2

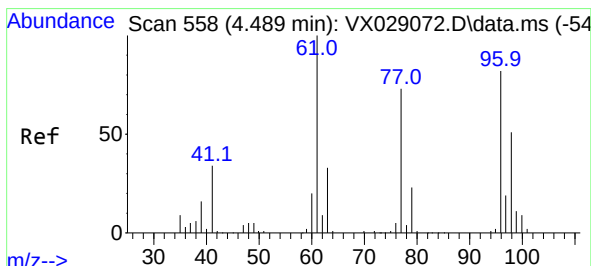
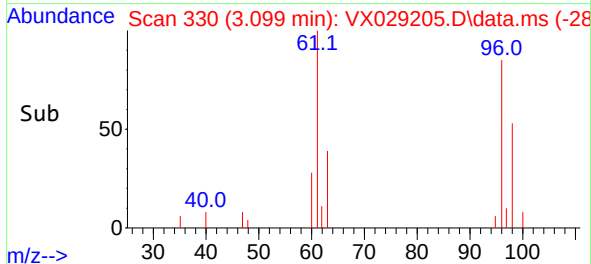
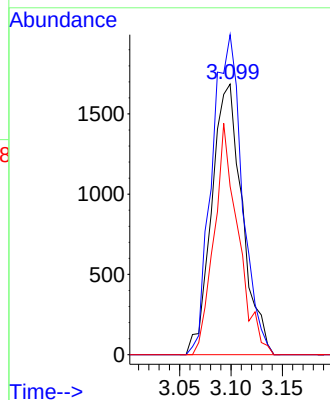
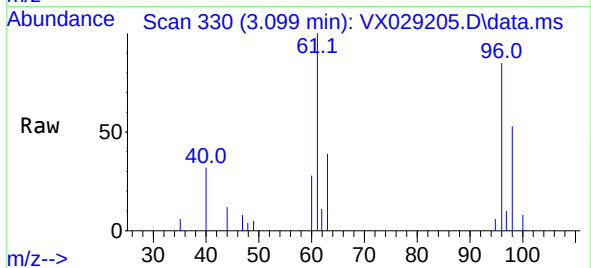




#21
trans-1,2-Dichloroethene
Concen: 1.084 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

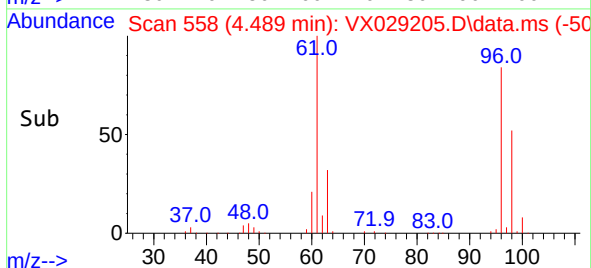
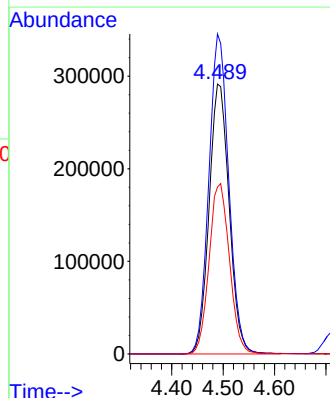
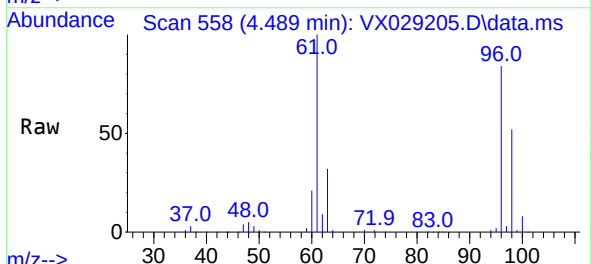
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

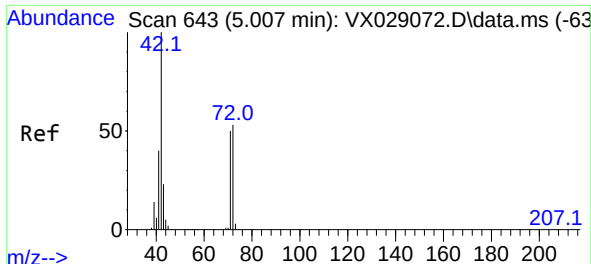
Tgt Ion: 96 Resp: 3488
Ion Ratio Lower Upper
96 100
61 118.3 105.4 158.2
98 62.2 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 205.780 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion: 96 Resp: 789563
Ion Ratio Lower Upper
96 100
61 117.9 0.0 283.8
98 64.3 0.0 129.8





#29

Tetrahydrofuran

Concen: 1.847 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX029205.D

Acq: 03 Jun 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

40BR-20220531

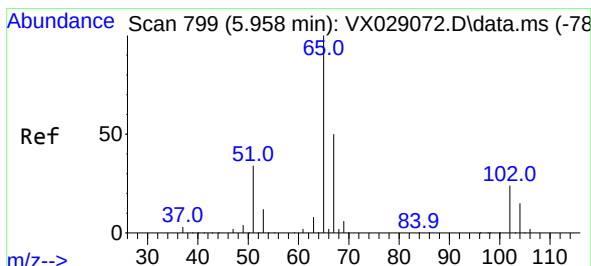
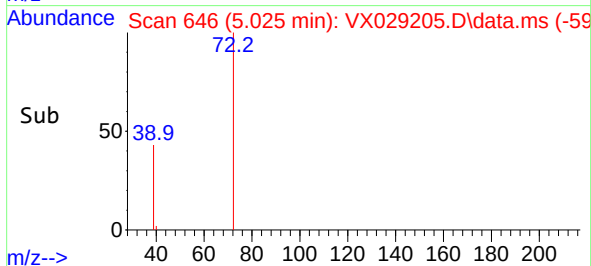
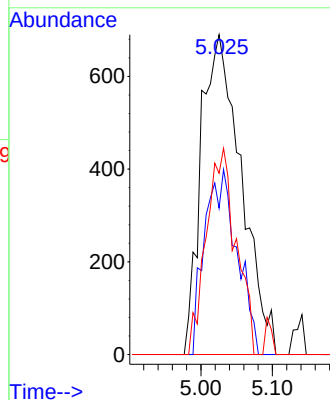
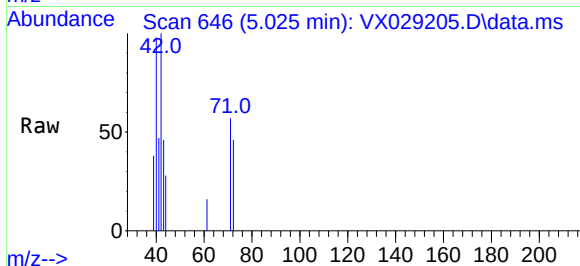
Tgt Ion: 42 Resp: 2684

Ion Ratio Lower Upper

42 100

72 46.8 44.1 66.1

71 47.9 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 58.016 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029205.D

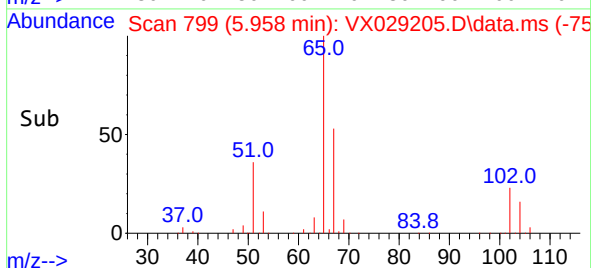
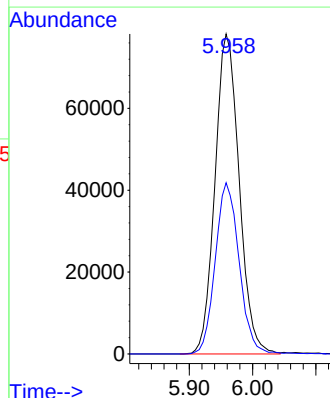
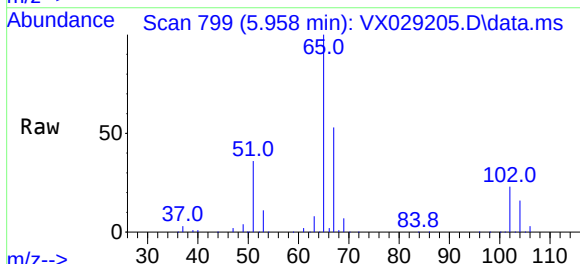
Acq: 03 Jun 2022 21:05

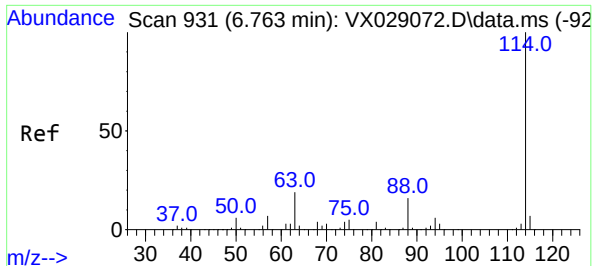
Tgt Ion: 65 Resp: 207005

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4

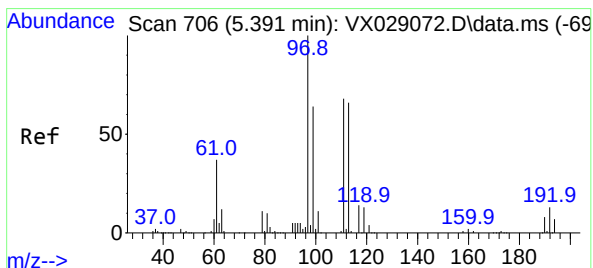
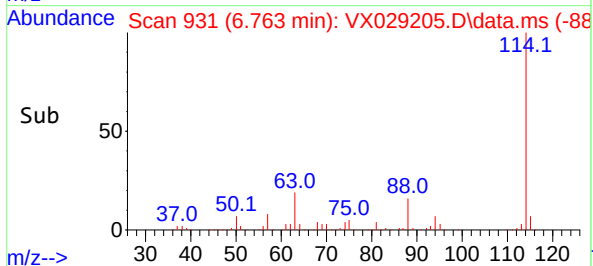
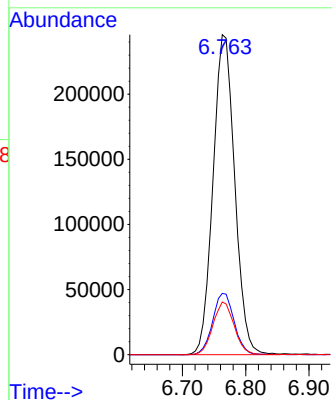
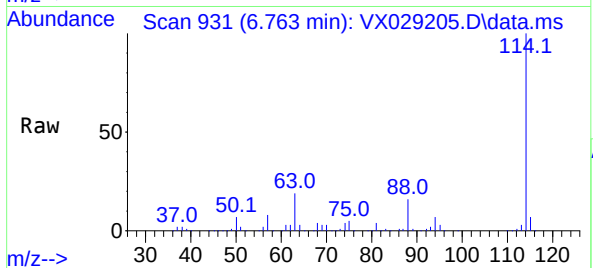




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

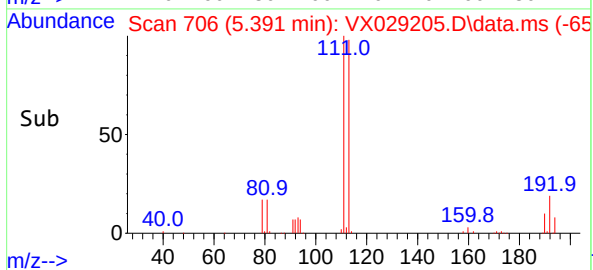
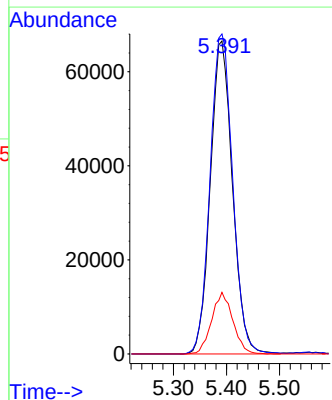
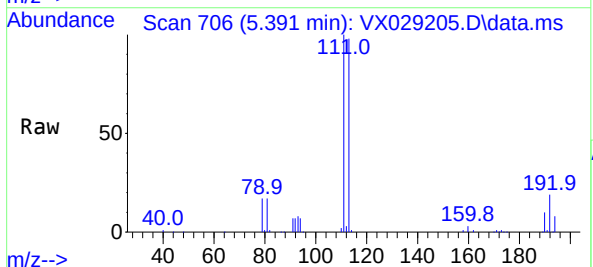
Instrument :
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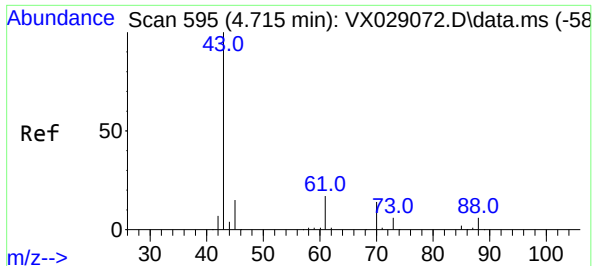
Tgt Ion:114 Resp: 584617
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.675 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion:113 Resp: 192895
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 18.8 16.9 25.3





#37

Ethyl Acetate

Concen: 93.137 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX029205.D

Acq: 03 Jun 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

40BR-20220531

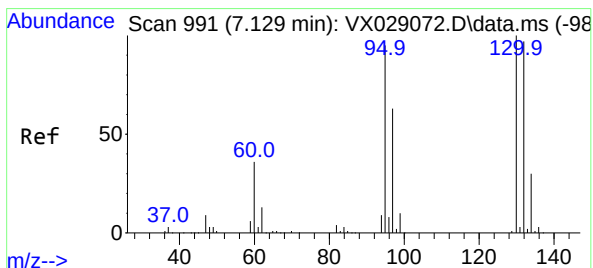
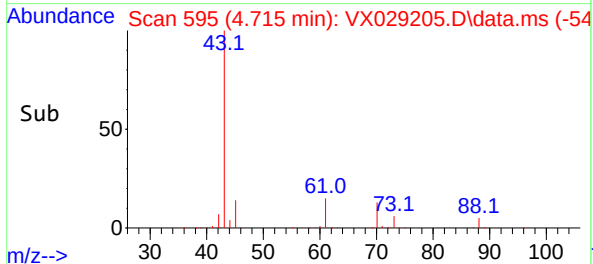
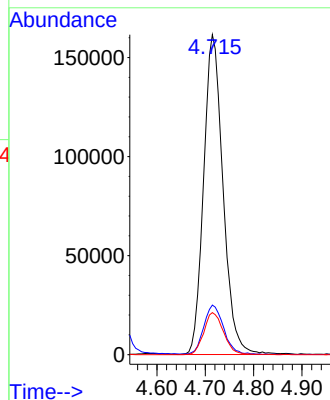
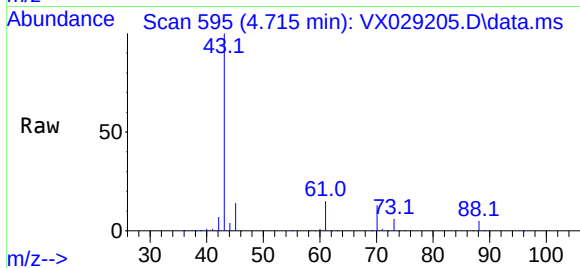
Tgt Ion: 43 Resp: 451001

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 13.4 10.2 15.2



#44

Trichloroethene

Concen: 1.316 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029205.D

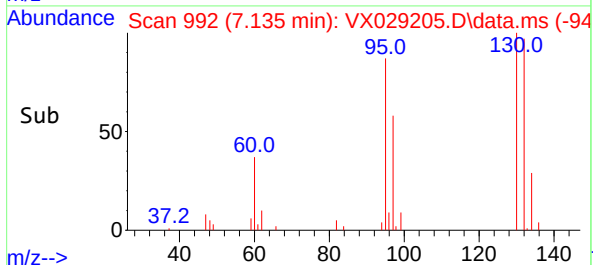
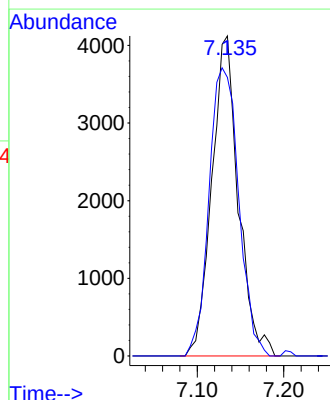
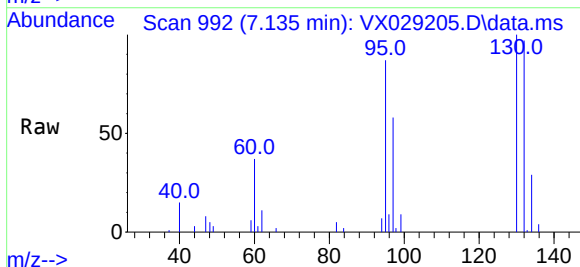
Acq: 03 Jun 2022 21:05

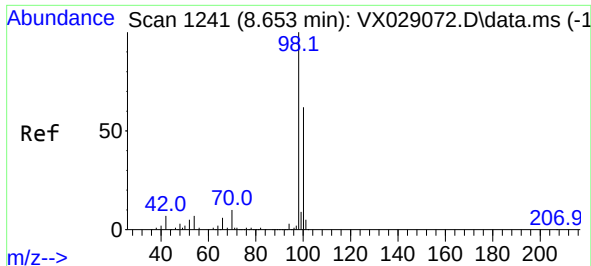
Tgt Ion:130 Resp: 8773

Ion Ratio Lower Upper

130 100

95 87.1 0.0 188.8

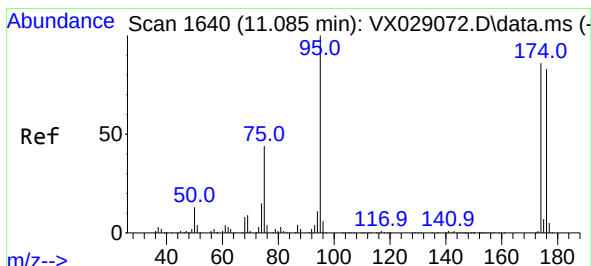
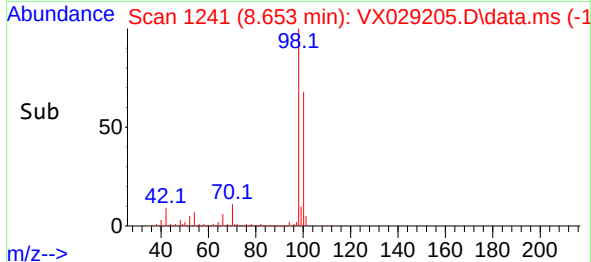
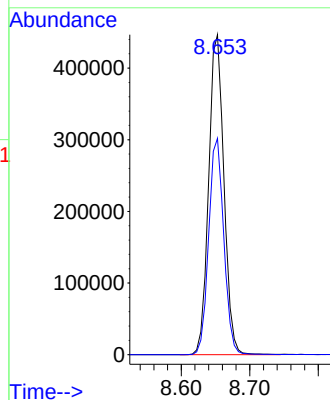
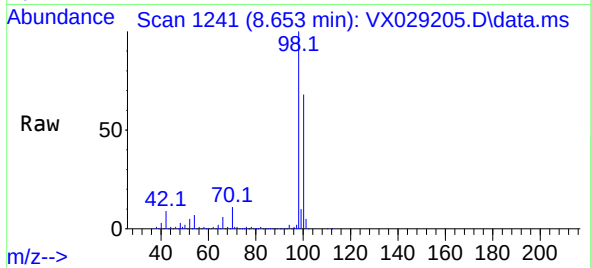




#50
Toluene-d8
Concen: 48.706 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

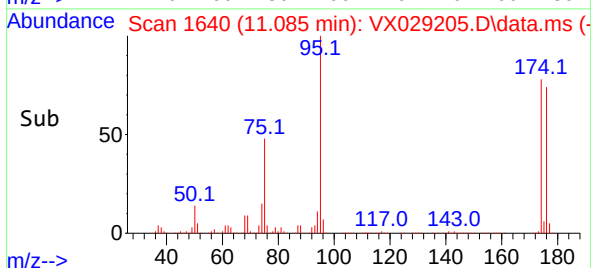
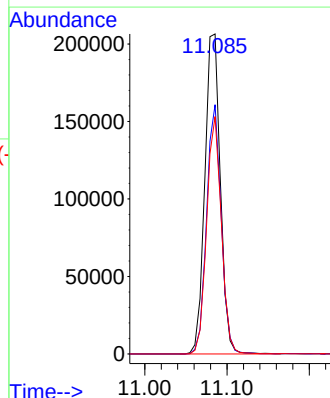
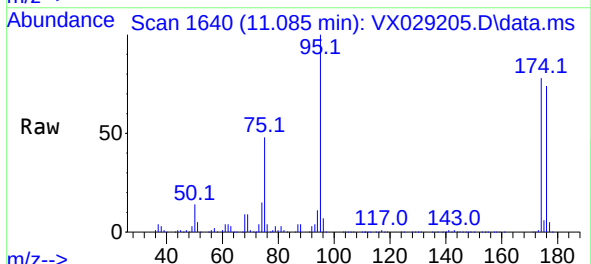
Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

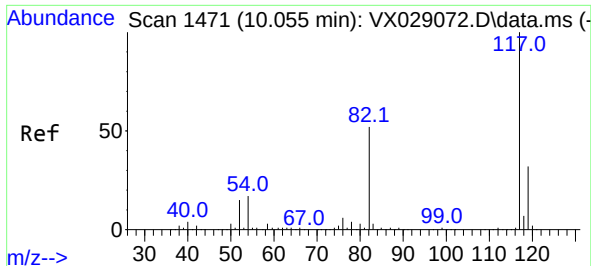
Tgt Ion: 98 Resp: 691739
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.303 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion: 95 Resp: 270669
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.0
176 70.3 0.0 155.0

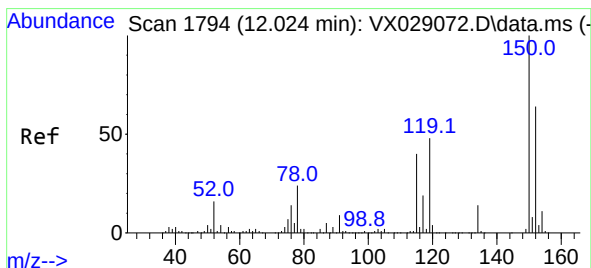
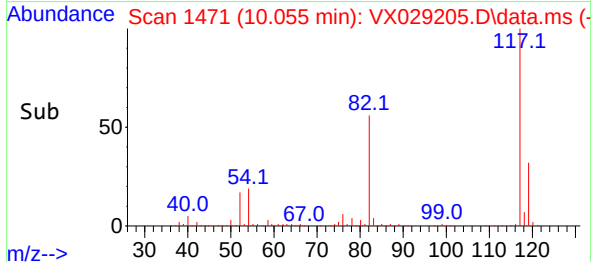
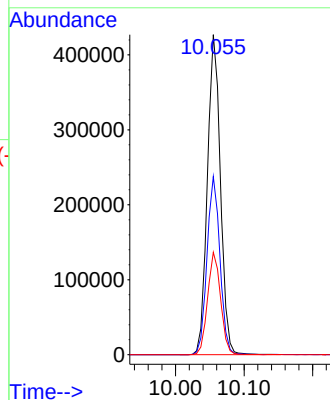
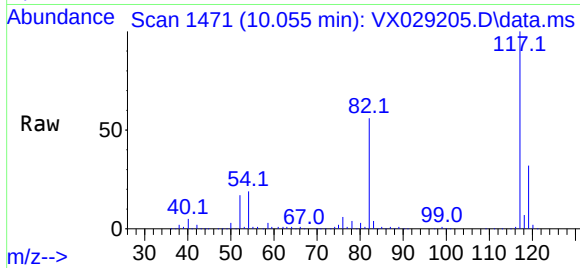




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029205.D
Acq: 03 Jun 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
40BR-20220531

Tgt Ion:117 Resp: 565711
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.0 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: VX029205.D
Acq: 03 Jun 2022 21:05

Tgt Ion:152 Resp: 258235
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 159.2 0.0 338.2

