

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029273.D
 Acq On : 07 Jun 2022 05:54
 Operator : JC/MD
 Sample : N3166-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP-2-20220601

Quant Time: Jun 07 10:15:10 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)

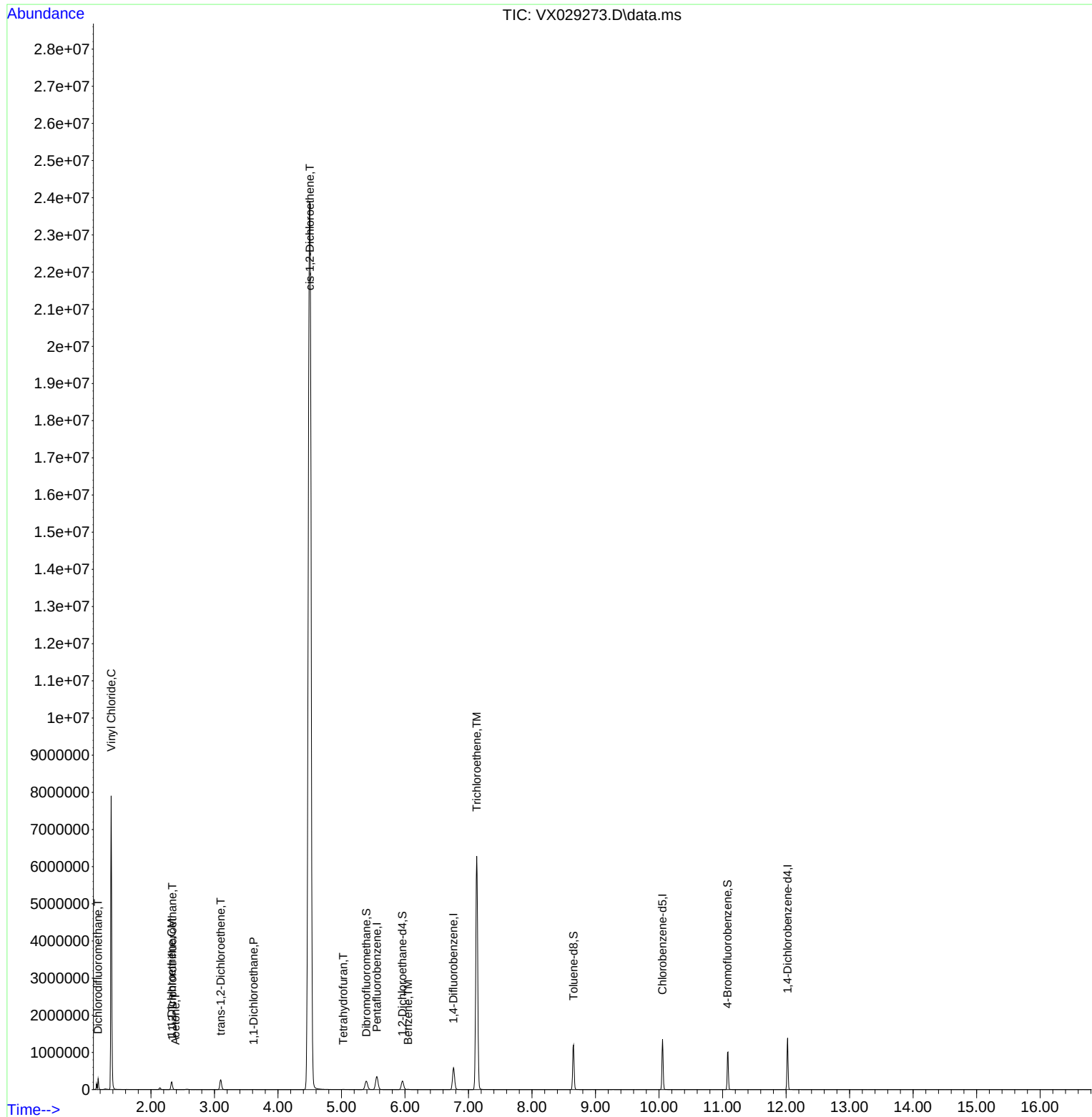
Internal Standards						
1) Pentafluorobenzene	5.556	168	321506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	606451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	228074	62.909	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 125.820%	
35) Dibromofluoromethane	5.391	113	204562	50.605	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.220%	
50) Toluene-d8	8.653	98	732581	49.551	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	11.079	95	291259	50.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	155047	55.464	ug/l	99
4) Vinyl Chloride	1.374	62	4963748	1543.159	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	17777	5.996	ug/l	96
12) 1,1-Dichloroethene	2.325	96	60668	20.937	ug/l	98
16) Acetone	2.386	43	3255	2.280	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	117404	35.913	ug/l	98
24) 1,1-Dichloroethane	3.617	63	3232	0.600	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	18345051	4705.485	ug/l	79
29) Tetrahydrofuran	5.025	42	4219	2.857	ug/l	92
40) Benzene	6.050	78	7999	0.519	ug/l #	88
44) Trichloroethene	7.129	130	2474031	548.736	ug/l	95

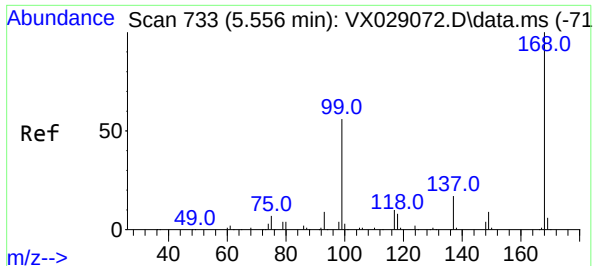
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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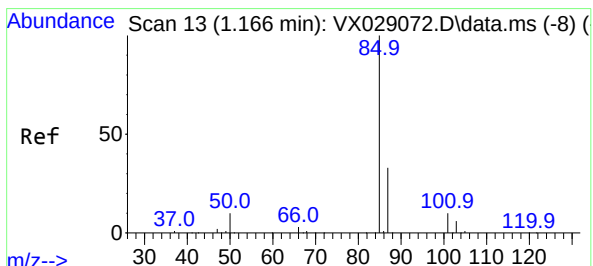
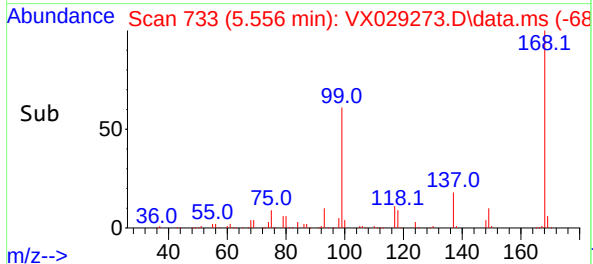
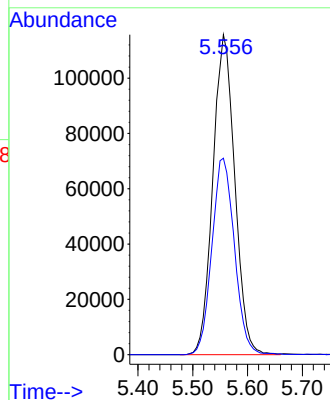
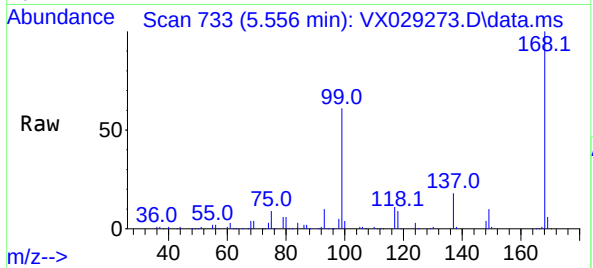




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

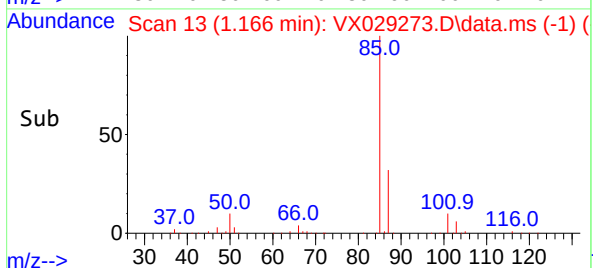
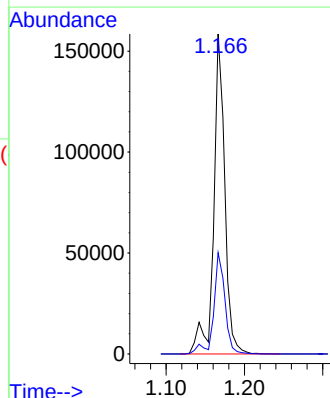
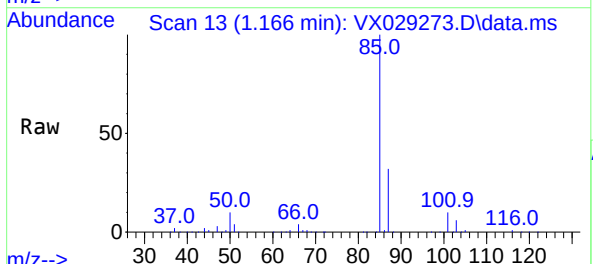
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

Tgt Ion:168 Resp: 321506
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5

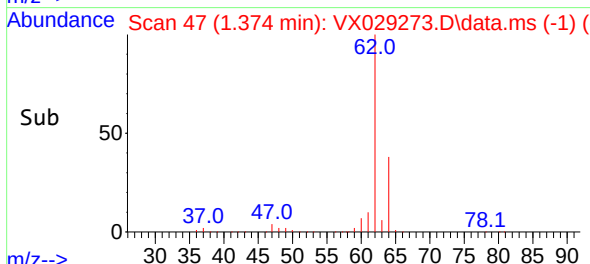
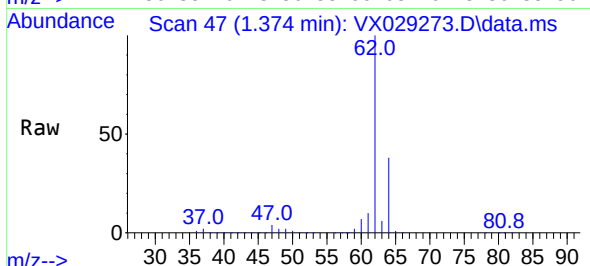
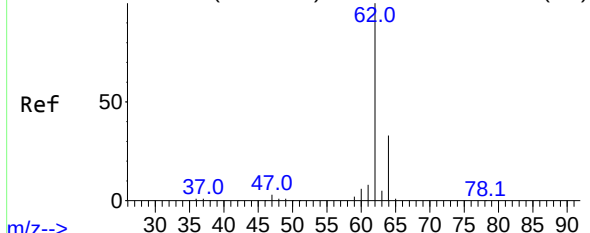


#2
Dichlorodifluoromethane
Concen: 55.464 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 85 Resp: 155047
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6



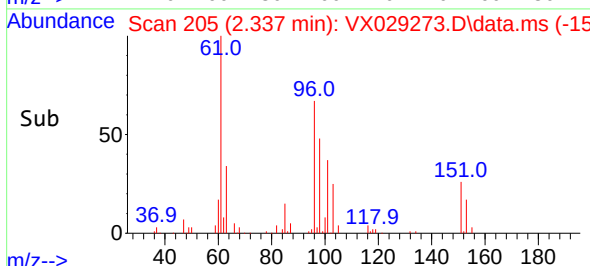
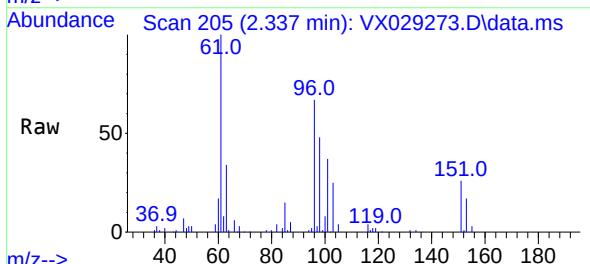
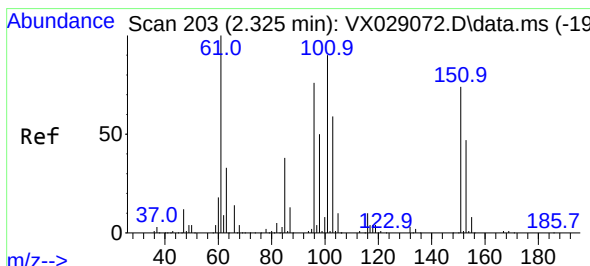
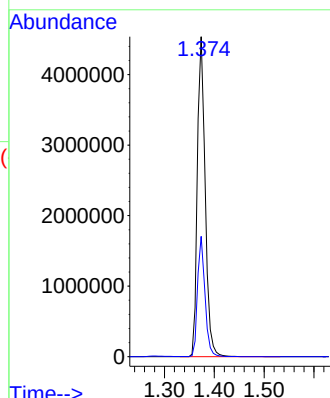
Abundance Scan 47 (1.374 min): VX029072.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 1543.159 ug/l
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

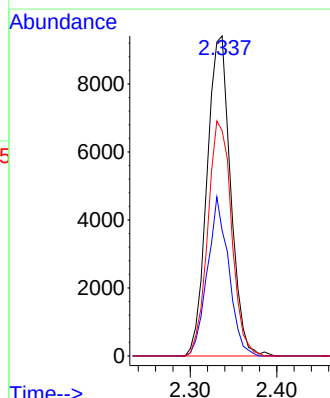
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

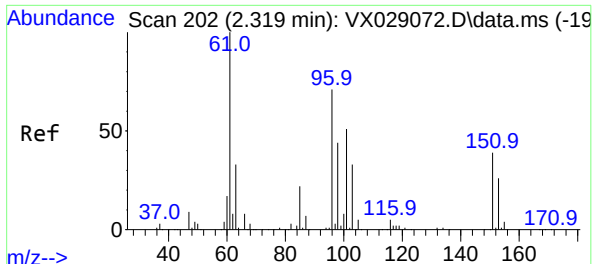
Tgt Ion: 62 Resp: 4963748
Ion Ratio Lower Upper
62 100
64 37.6 25.5 38.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.996 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 101 Resp: 17777
Ion Ratio Lower Upper
101 100
85 44.8 33.5 50.3
151 73.9 61.8 92.6

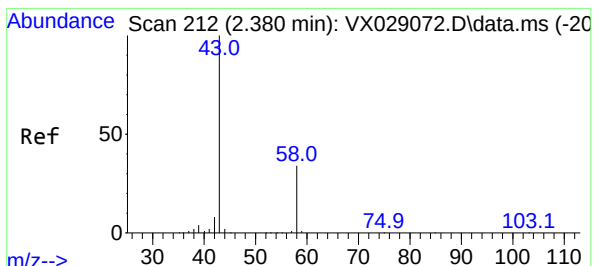
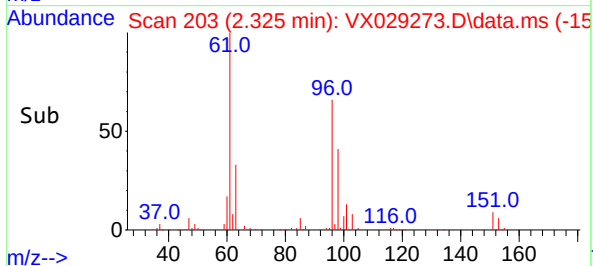
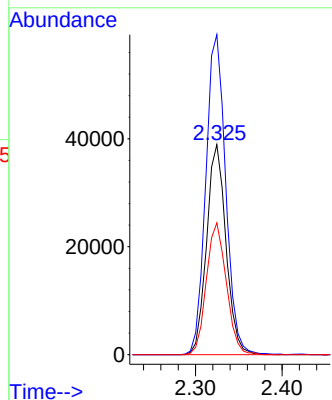
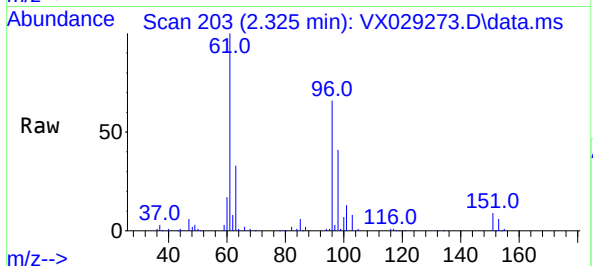




#12
1,1-Dichloroethene
Concen: 20.937 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

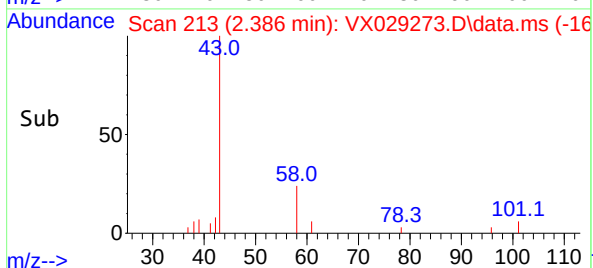
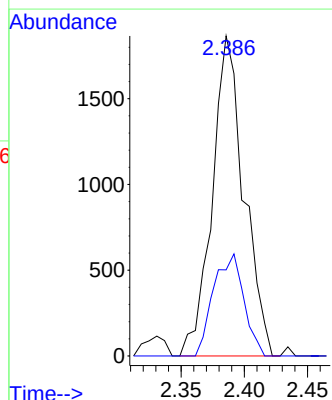
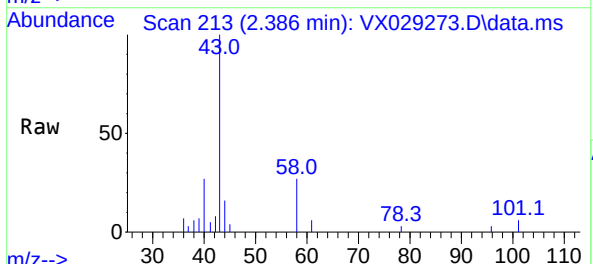
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

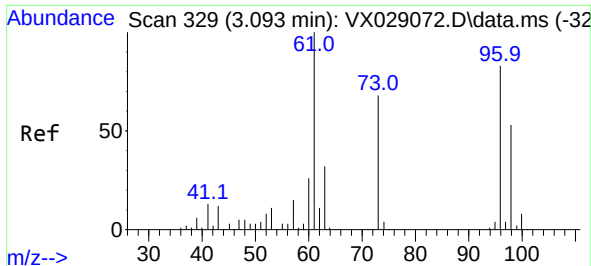
Tgt Ion: 96 Resp: 60668
Ion Ratio Lower Upper
96 100
61 152.4 124.6 187.0
98 62.8 51.0 76.4



#16
Acetone
Concen: 2.280 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 43 Resp: 3255
Ion Ratio Lower Upper
43 100
58 26.9 28.8 43.2#

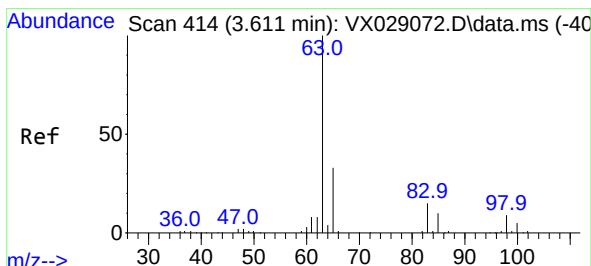
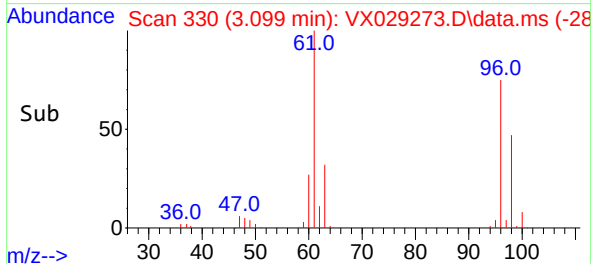
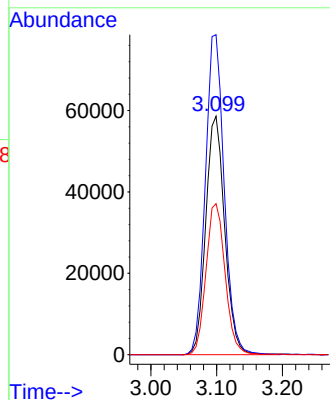
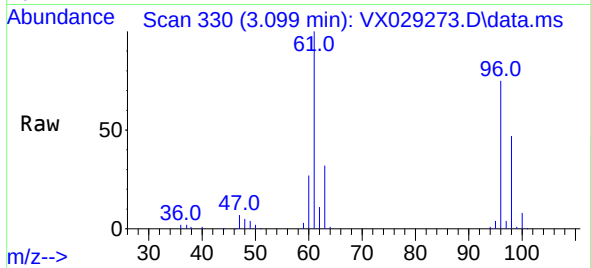




#21
trans-1,2-Dichloroethene
Concen: 35.913 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

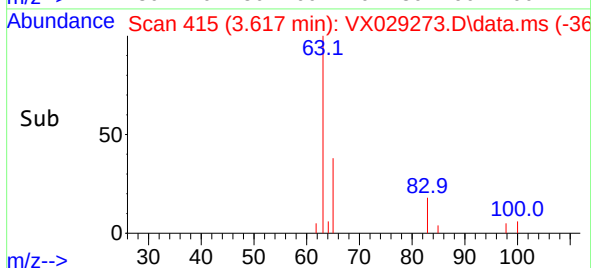
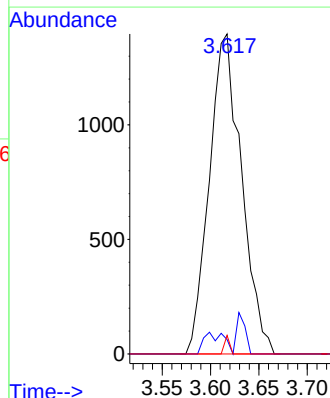
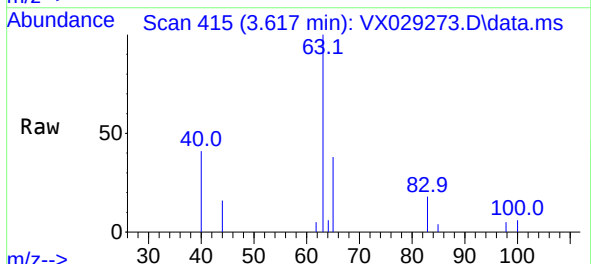
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

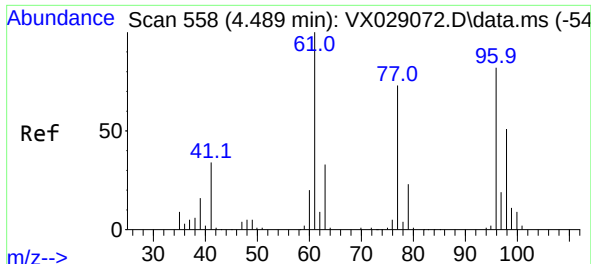
Tgt Ion: 96 Resp: 117404
Ion Ratio Lower Upper
96 100
61 134.2 105.4 158.2
98 63.4 50.0 75.0



#24
1,1-Dichloroethane
Concen: 0.600 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 63 Resp: 3232
Ion Ratio Lower Upper
63 100
98 4.5 3.9 11.7
100 5.8 2.4 7.2



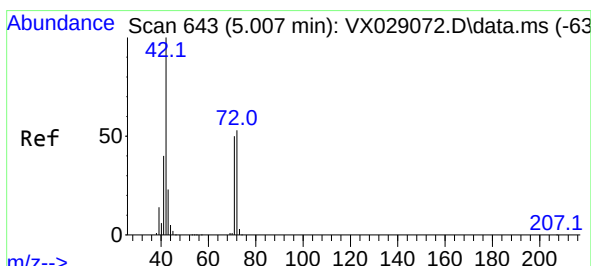
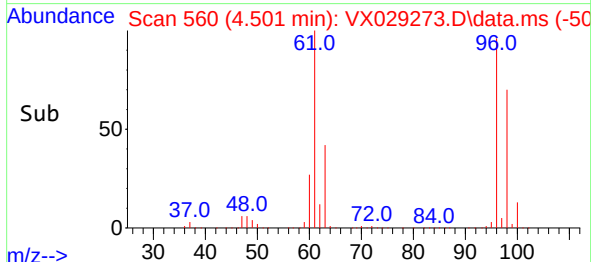
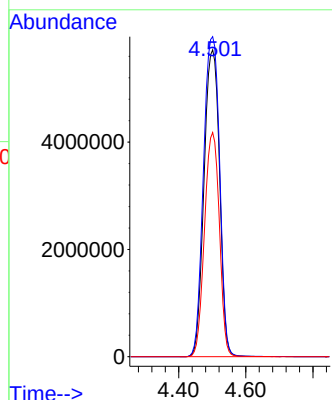
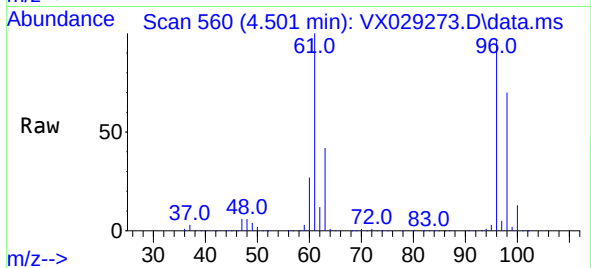


#27
cis-1,2-Dichloroethene
Concen: 4705.485 ug/l
RT: 4.501 min Scan# 501
Delta R.T. 0.012 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

Tgt Ion: 96 Resp:18345051

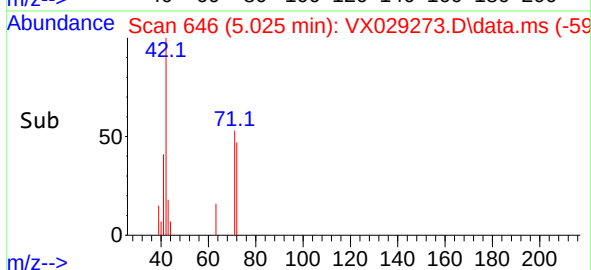
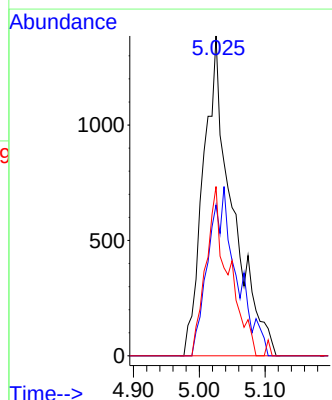
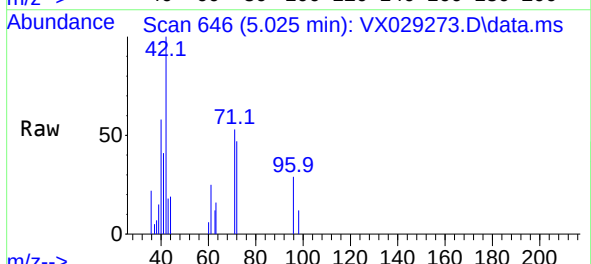
Ion	Ratio	Lower	Upper
96	100		
61	108.6	0.0	283.8
98	69.9	0.0	129.8

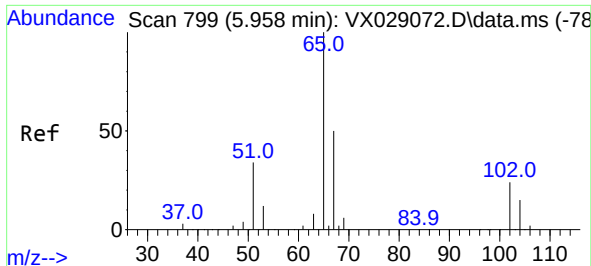


#29
Tetrahydrofuran
Concen: 2.857 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 42 Resp: 4219

Ion	Ratio	Lower	Upper
42	100		
72	52.2	44.1	66.1
71	42.0	40.5	60.7





#33

1,2-Dichloroethane-d4

Concen: 62.909 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029273.D

Acq: 07 Jun 2022 05:54

Instrument :

MSVOA_X

ClientSampleId :

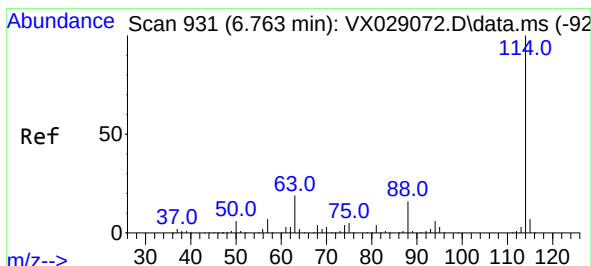
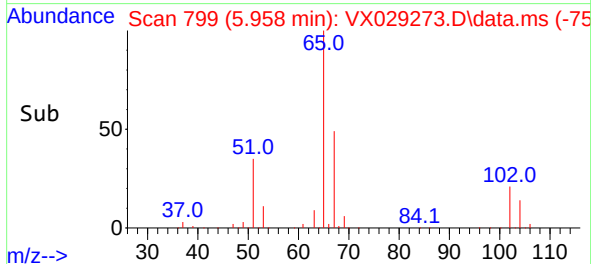
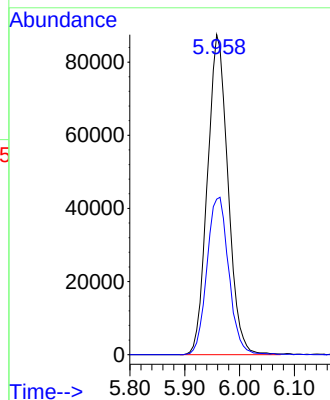
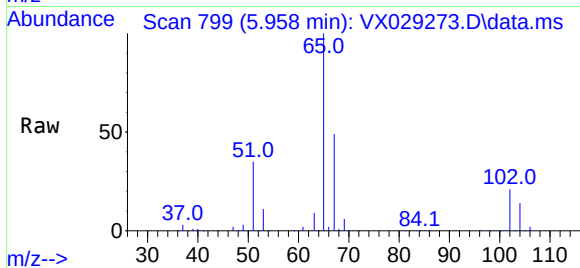
BRP-2-20220601

Tgt Ion: 65 Resp: 228074

Ion Ratio Lower Upper

65 100

67 52.1 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: VX029273.D

Acq: 07 Jun 2022 05:54

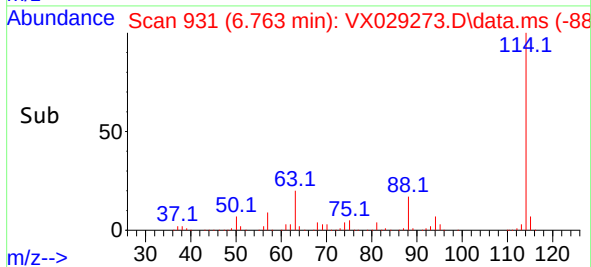
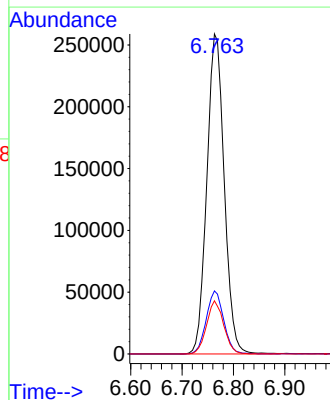
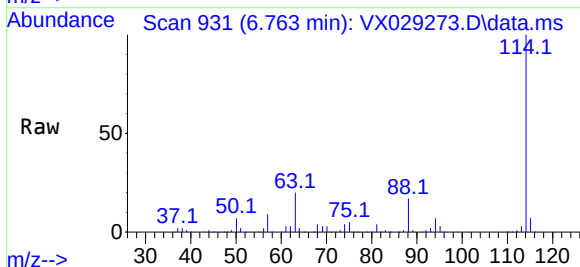
Tgt Ion:114 Resp: 608578

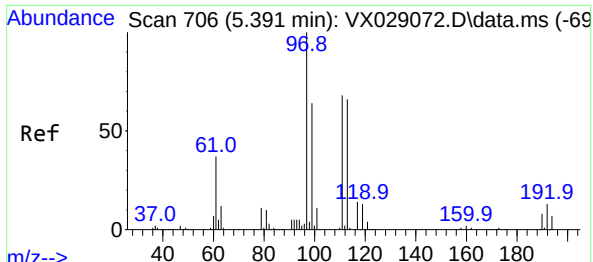
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.6 0.0 32.4

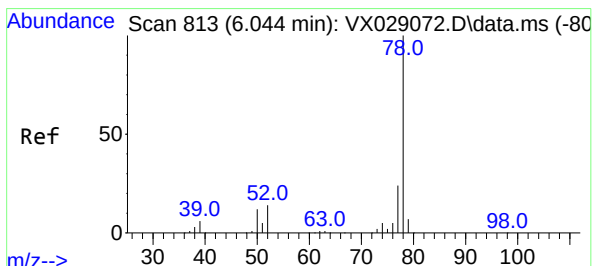
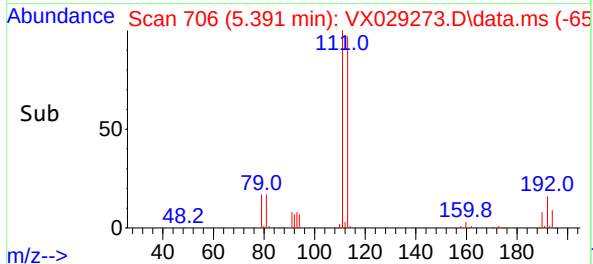
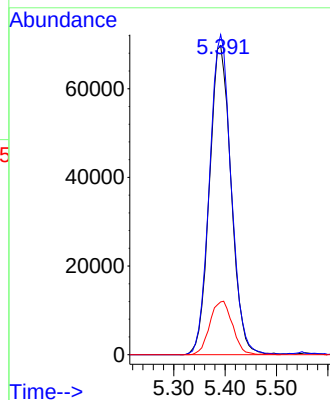
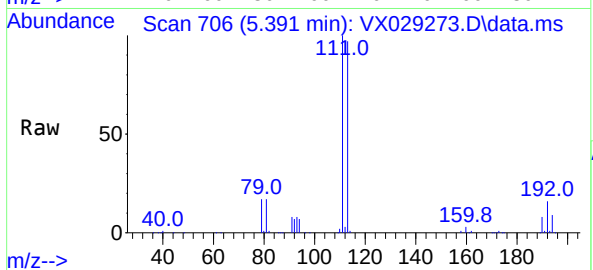




#35
Dibromofluoromethane
Concen: 50.605 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

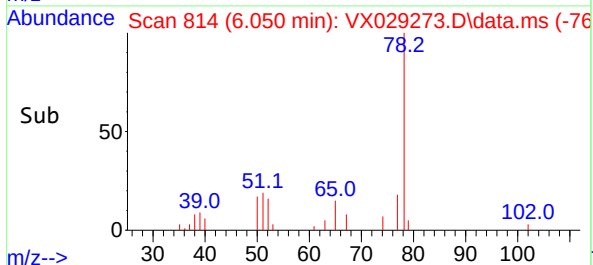
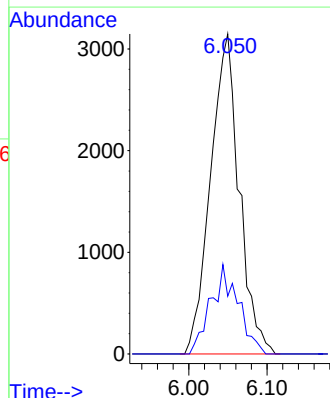
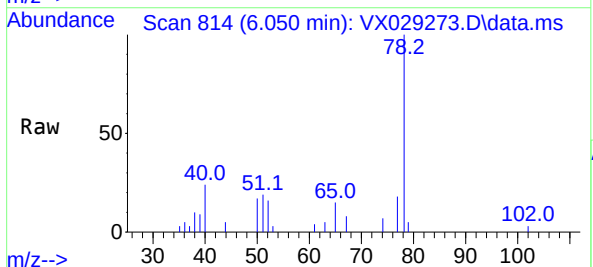
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

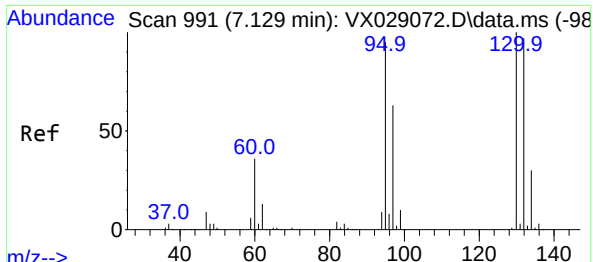
Tgt Ion:113 Resp: 204562
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.0 16.9 25.3



#40
Benzene
Concen: 0.519 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 78 Resp: 7999
Ion Ratio Lower Upper
78 100
77 18.0 19.3 28.9#

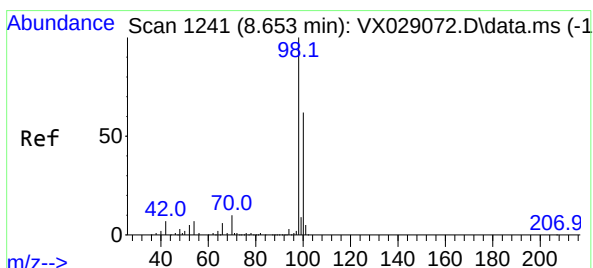
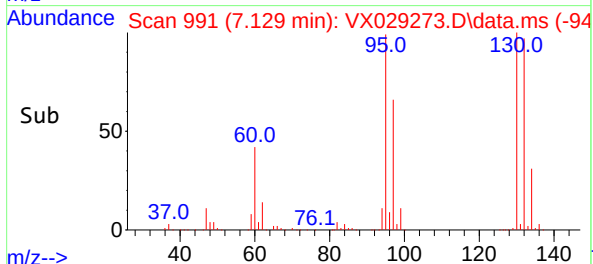
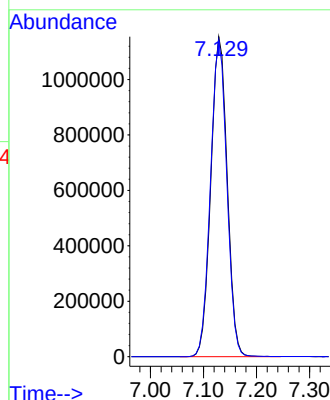
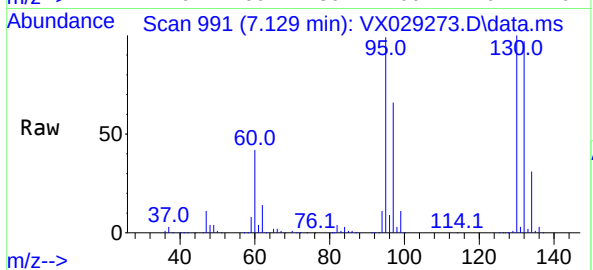




#44
Trichloroethene
Concen: 548.736 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

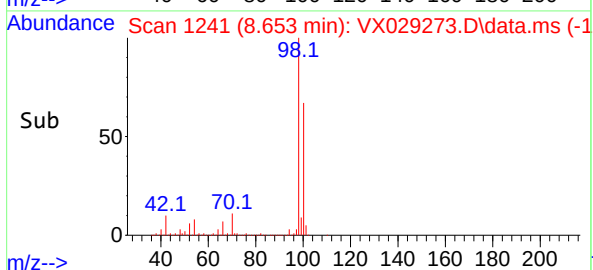
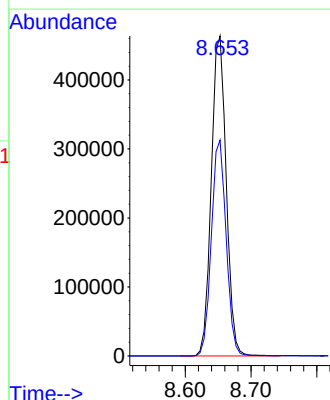
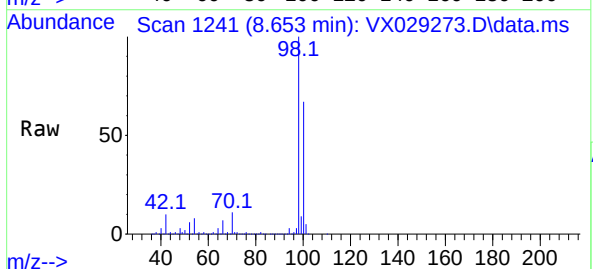
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

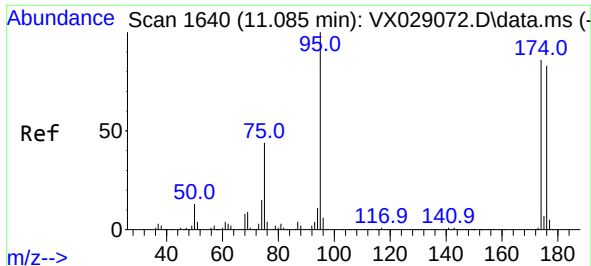
Tgt Ion:130 Resp: 2474031
Ion Ratio Lower Upper
130 100
95 99.0 0.0 188.8



#50
Toluene-d8
Concen: 49.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

Tgt Ion: 98 Resp: 732581
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

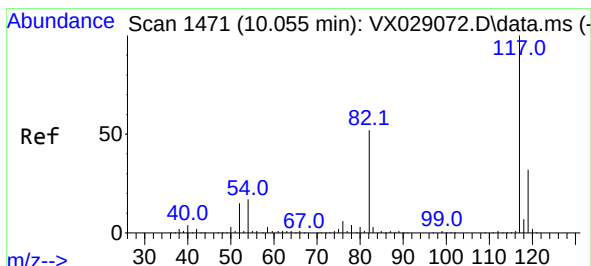
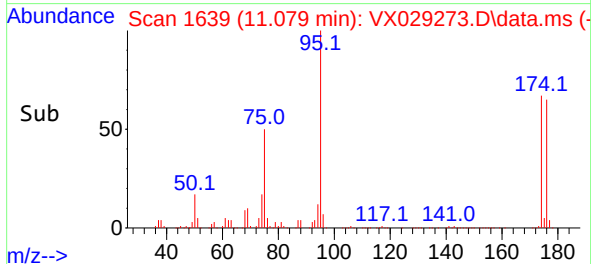
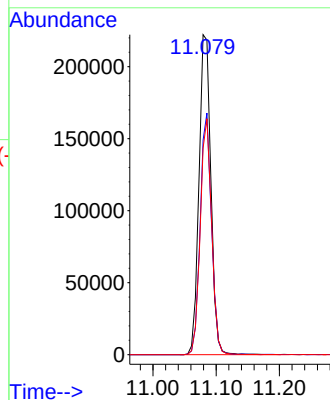
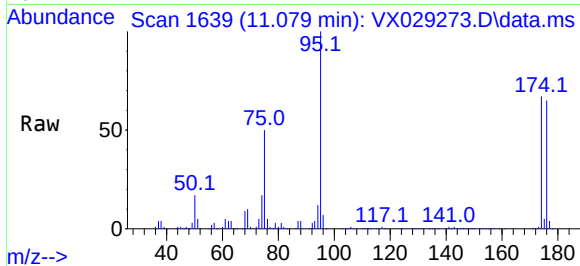




#62
4-Bromofluorobenzene
Concen: 50.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

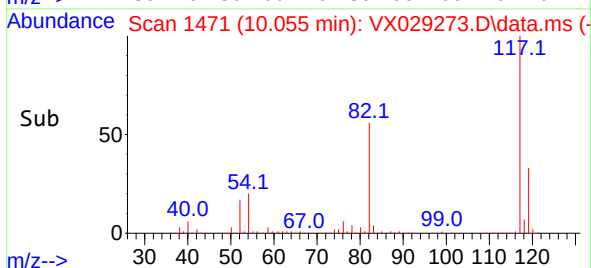
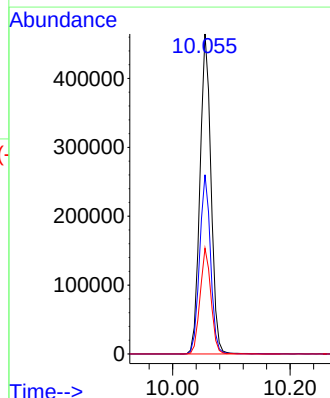
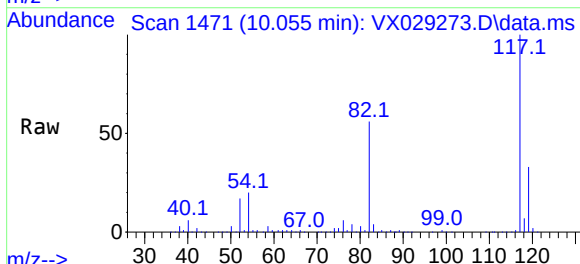
Instrument :
MSVOA_X
ClientSampleId :
BRP-2-20220601

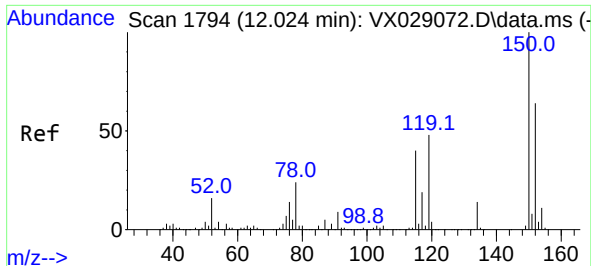
Tgt Ion: 95 Resp: 291259
Ion Ratio Lower Upper
95 100
174 71.7 0.0 163.0
176 70.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029273.D
Acq: 07 Jun 2022 05:54

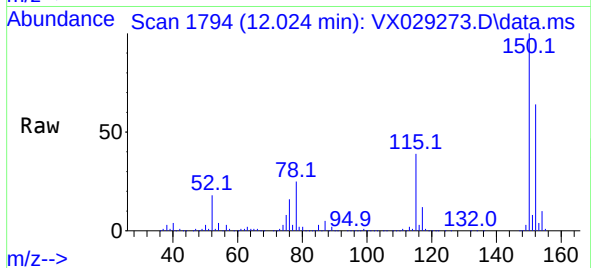
Tgt Ion: 117 Resp: 606451
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 33.0 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029273.D
 Acq: 07 Jun 2022 05:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP-2-20220601



Tgt Ion:152 Resp: 278132
 Ion Ratio Lower Upper
 152 100
 115 63.6 37.5 112.7
 150 156.7 0.0 338.2

