

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022271.D
 Acq On : 28 May 2021 23:32
 Operator : JC/MD
 Sample : M2545-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20210526

Quant Time: May 29 04:57:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

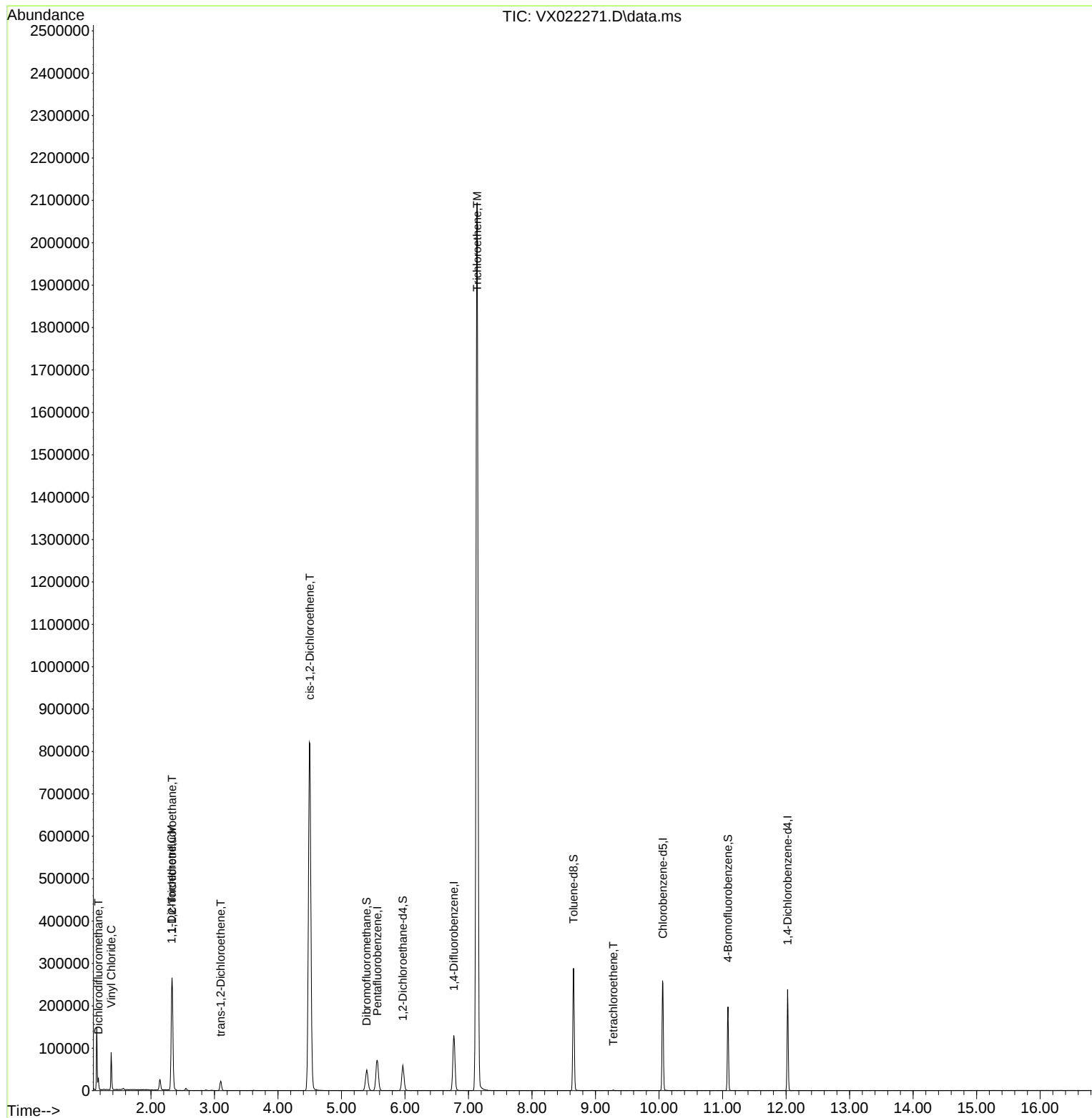
Internal Standards						
1) Pentafluorobenzene	5.562	168	63901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52485	53.25	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.50%			
35) Dibromofluoromethane	5.397	113	39759	47.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.50%			
50) Toluene-d8	8.653	98	162922	50.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.58%			
62) 4-Bromofluorobenzene	11.085	95	54054	45.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	11999	15.45	ug/l	98
4) Vinyl Chloride	1.373	62	48857	55.10	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	100206	132.36	ug/l	94
12) 1,1-Dichloroethene	2.324	96	6380	8.71	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	8915	11.19	ug/l	86
27) cis-1,2-Dichloroethene	4.501	96	496317	512.31	ug/l	90
44) Trichloroethene	7.135	130	747445	805.15	ug/l	93
64) Tetrachloroethene	9.281	164	251	0.33	ug/l #	82

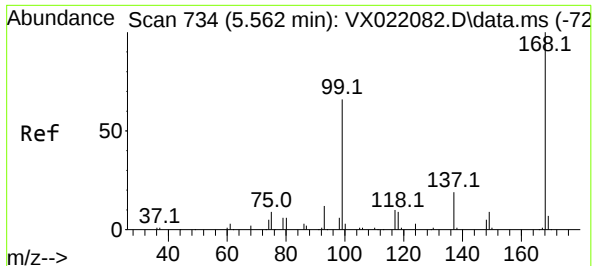
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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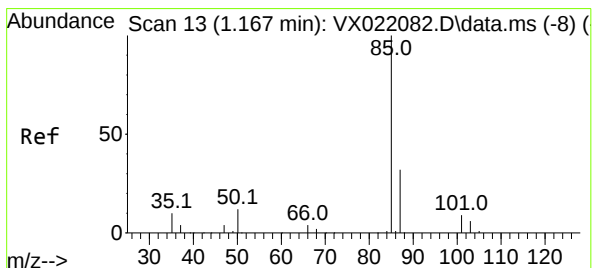
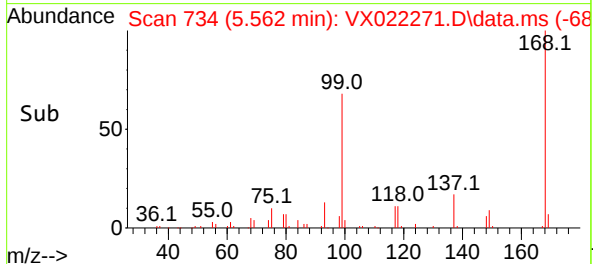
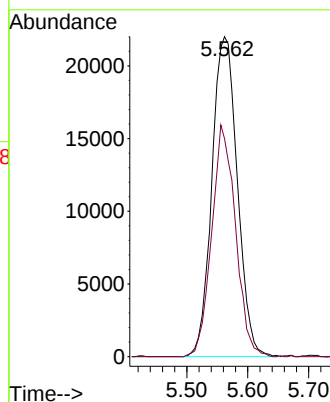
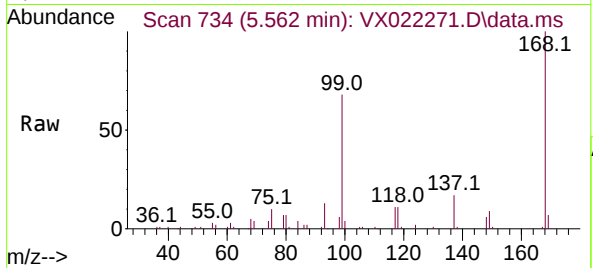




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

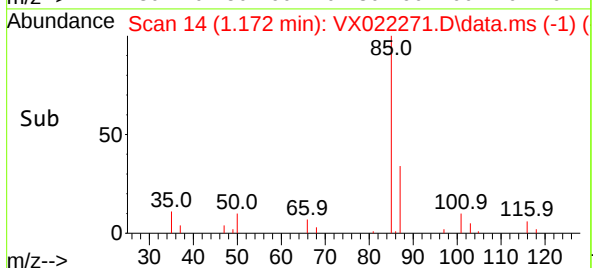
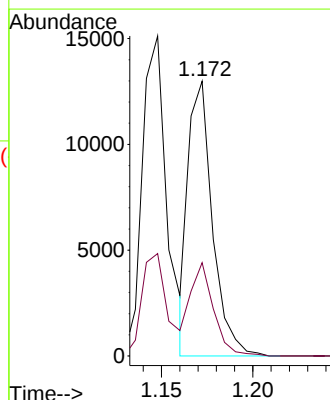
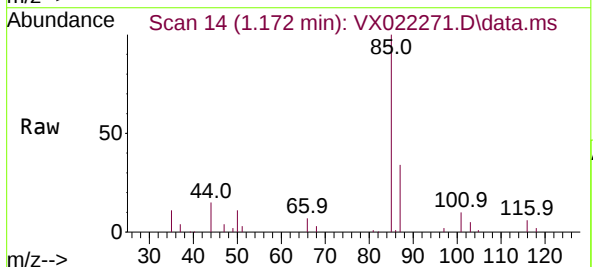
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526

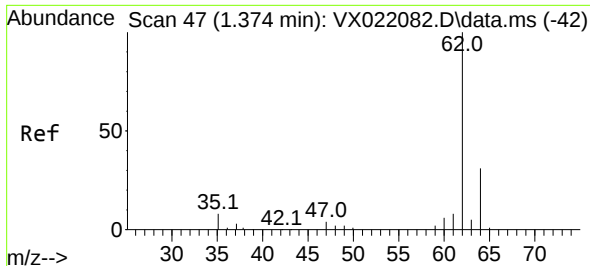
Tgt Ion:168 Resp: 63901
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 15.45 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

Tgt Ion: 85 Resp: 11999
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.2

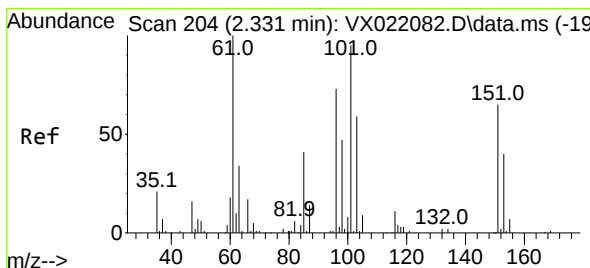
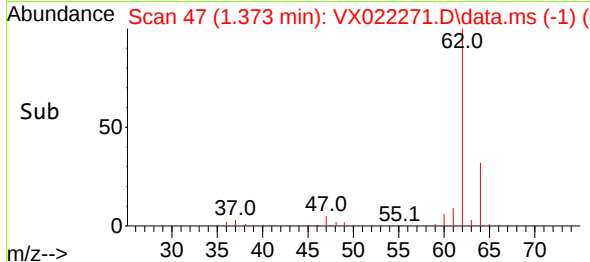
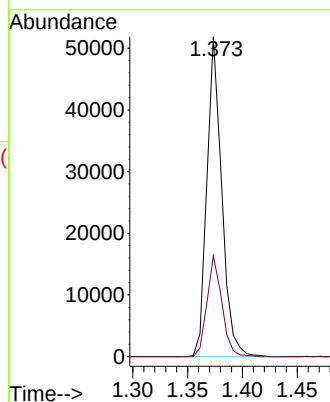
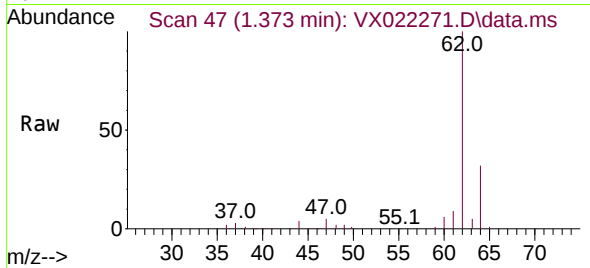




#4
 Vinyl Chloride
 Concen: 55.10 ug/l
 RT: 1.373 min Scan# 47
 Delta R.T. -0.001 min
 Lab File: VX022271.D
 Acq: 28 May 2021 23:32

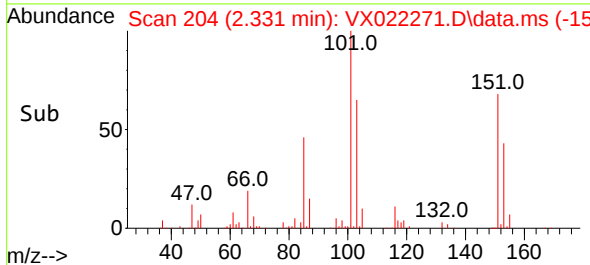
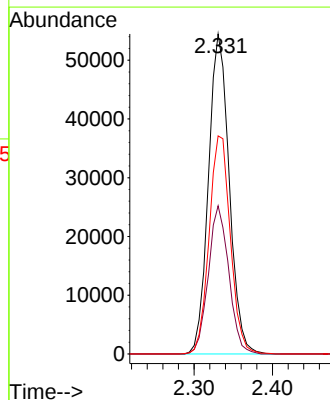
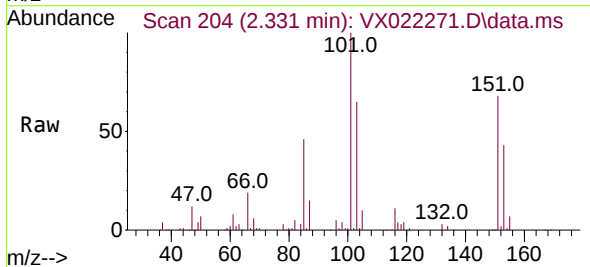
Instrument :
 MSVOA_X
 ClientSampleId :
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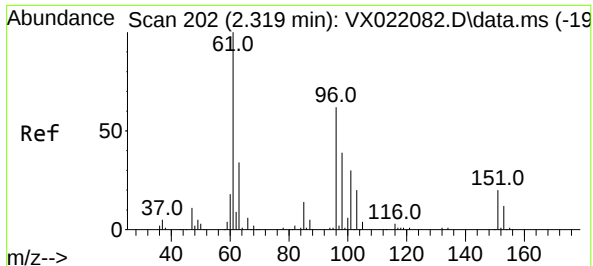
Tgt Ion: 62 Resp: 48857
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 132.36 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX022271.D
 Acq: 28 May 2021 23:32

Tgt Ion: 101 Resp: 100206
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.9 52.3
 151 69.8 61.4 92.2





#12

1,1-Dichloroethene

Concen: 8.71 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.005 min

Lab File: VX022271.D

Acq: 28 May 2021 23:32

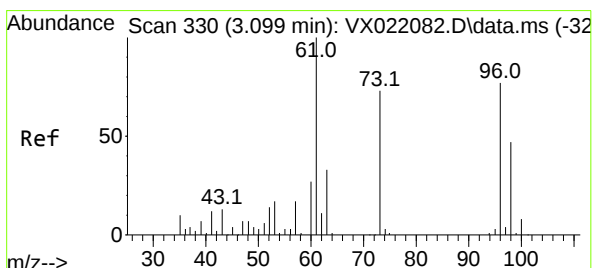
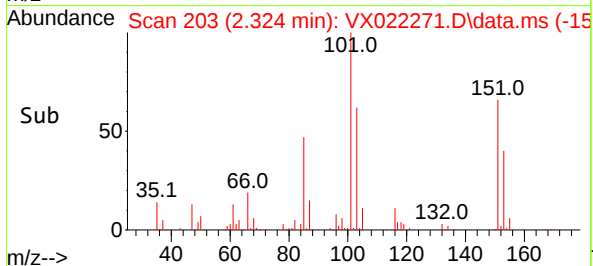
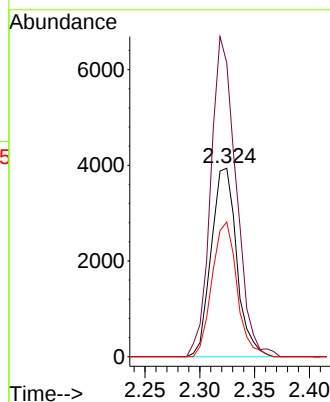
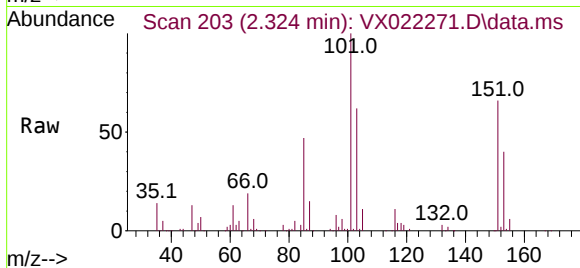
Tgt Ion: 96 Resp: 6380

Ion Ratio Lower Upper

96 100

61 156.0 124.6 187.0

98 71.5 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 11.19 ug/l

RT: 3.099 min Scan# 330

Delta R.T. -0.000 min

Lab File: VX022271.D

Acq: 28 May 2021 23:32

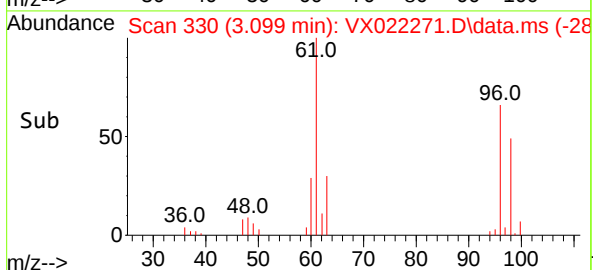
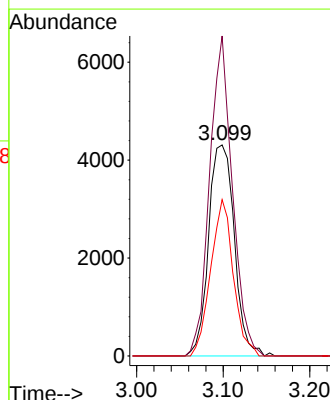
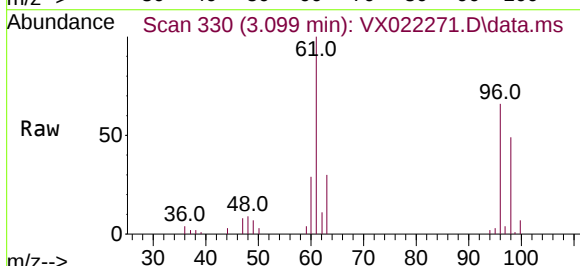
Tgt Ion: 96 Resp: 8915

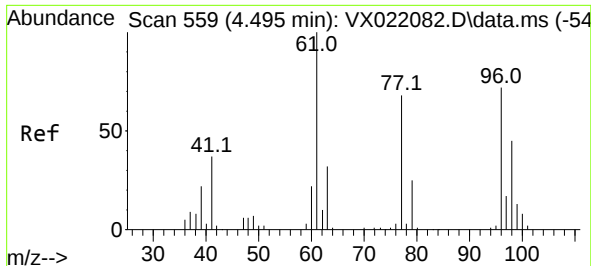
Ion Ratio Lower Upper

96 100

61 151.6 107.7 161.5

98 74.1 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 512.31 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022271.D

Acq: 28 May 2021 23:32

Tgt Ion: 96 Resp: 496317

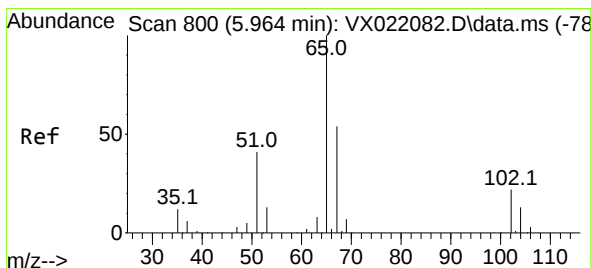
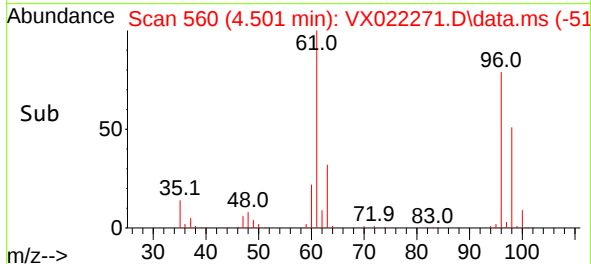
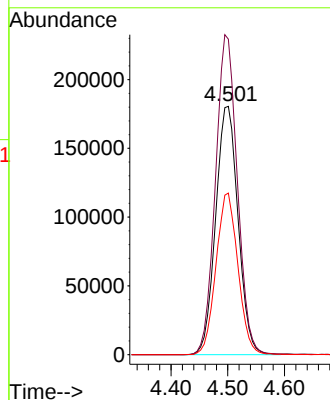
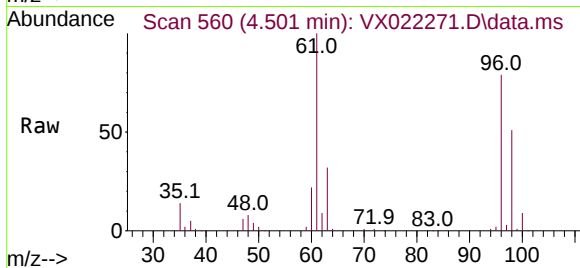
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	285.6
98	63.6	0.0	129.6

Instrument :

MSVOA_X

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#33

1,2-Dichloroethane-d4

Concen: 53.25 ug/l

RT: 5.964 min Scan# 800

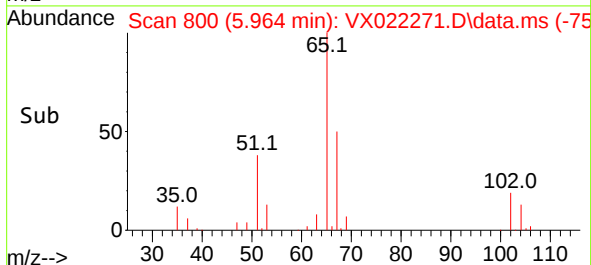
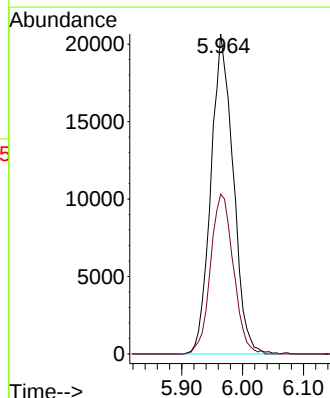
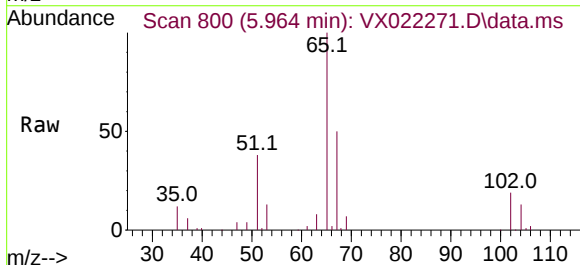
Delta R.T. 0.000 min

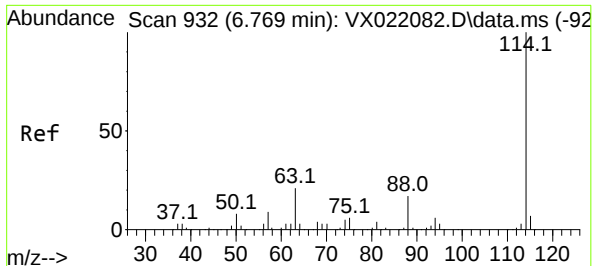
Lab File: VX022271.D

Acq: 28 May 2021 23:32

Tgt Ion: 65 Resp: 52485

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.4

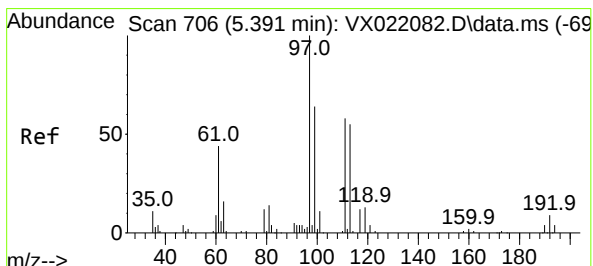
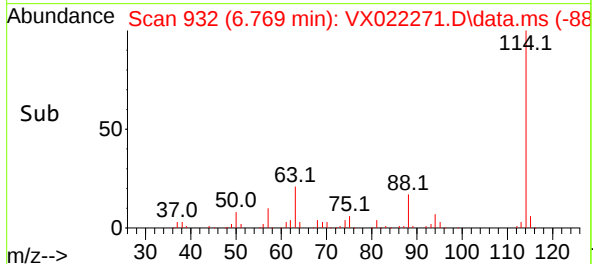
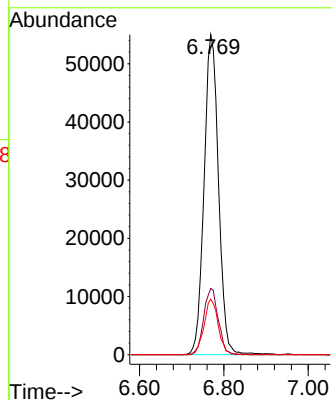
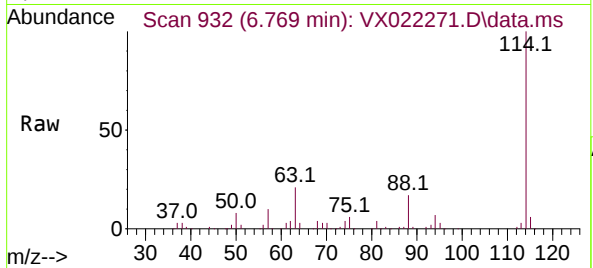




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

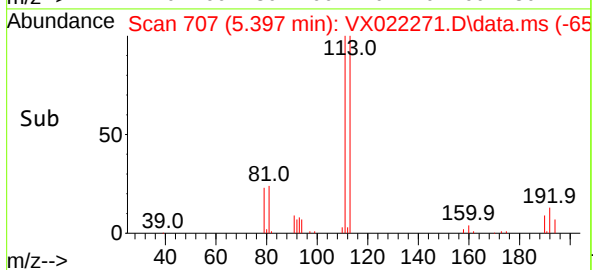
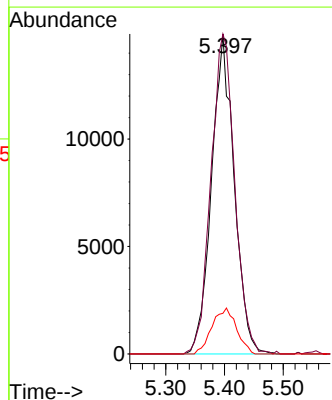
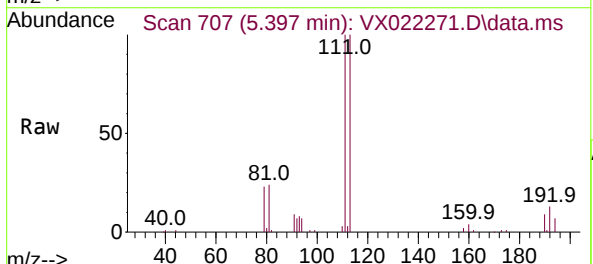
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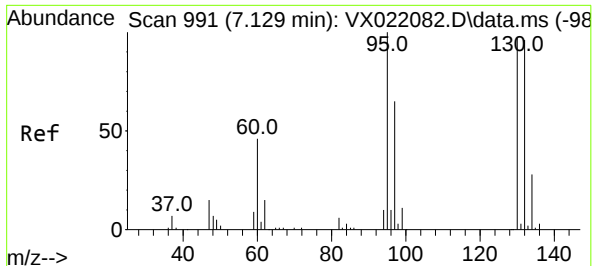
Tgt Ion:114 Resp: 131304
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.75 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

Tgt Ion:113 Resp: 39759
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 15.6 16.7 25.1#

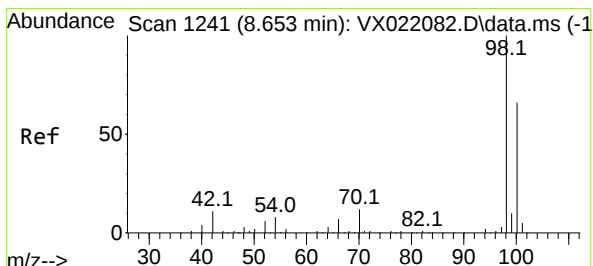
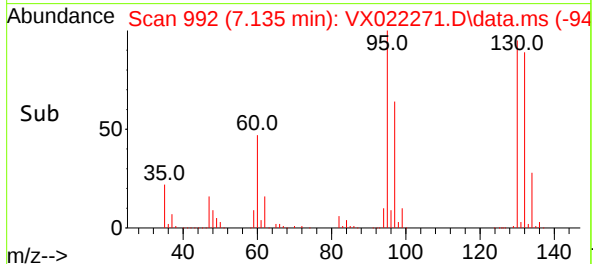
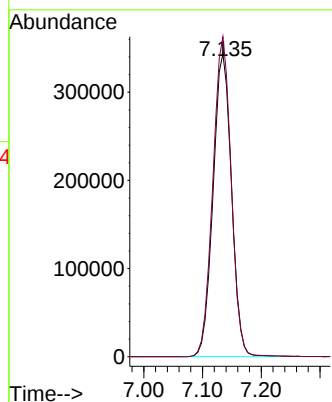
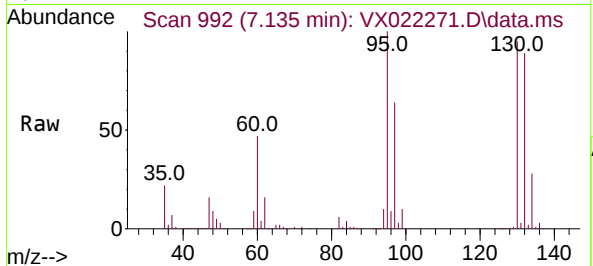




#44
Trichloroethene
Concen: 805.15 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

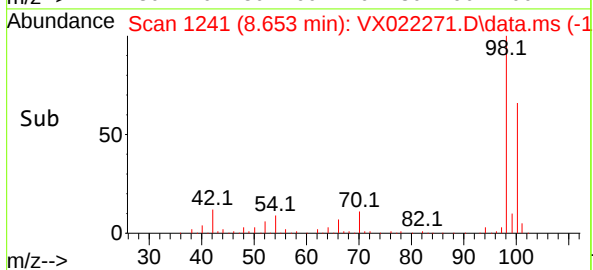
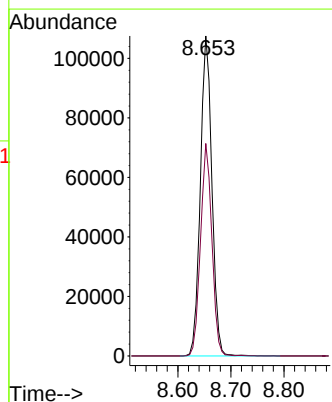
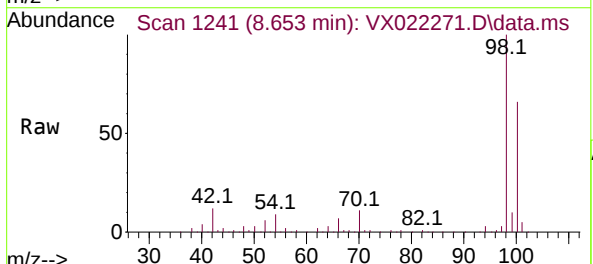
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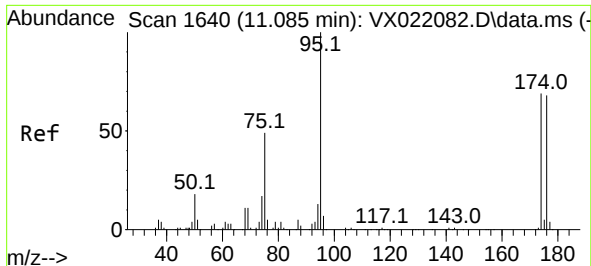
Tgt Ion:130 Resp: 747445
Ion Ratio Lower Upper
130 100
95 105.6 0.0 198.0



#50
Toluene-d8
Concen: 50.79 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

Tgt Ion: 98 Resp: 162922
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

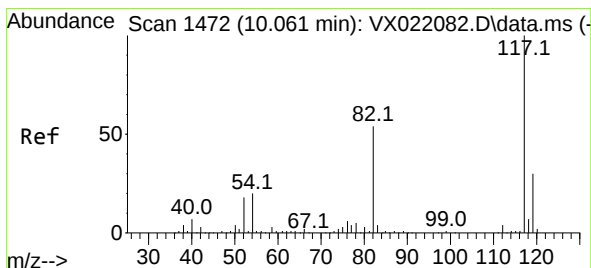
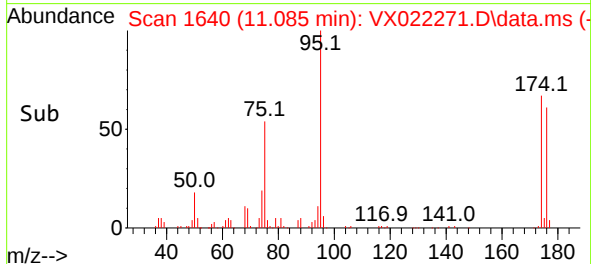
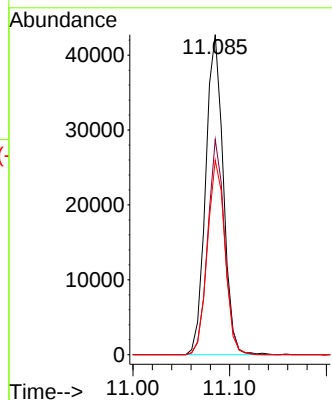
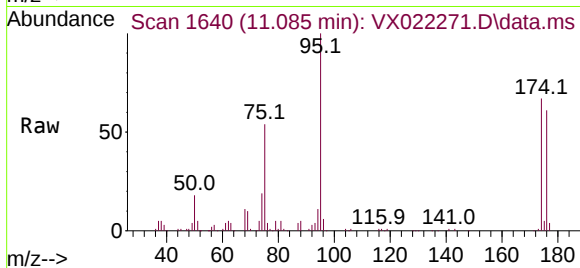




#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

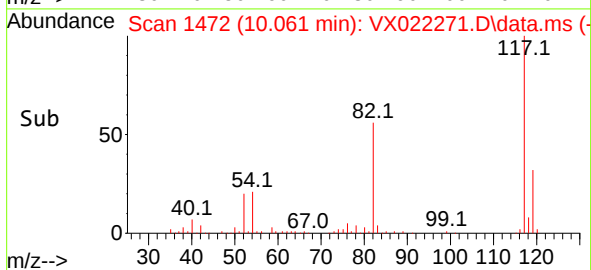
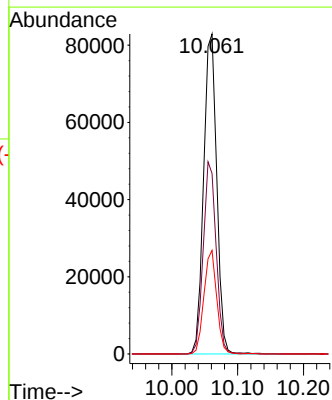
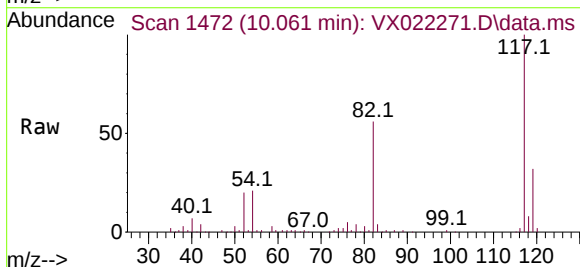
Instrument :
MSVOA_X
ClientSampleId :
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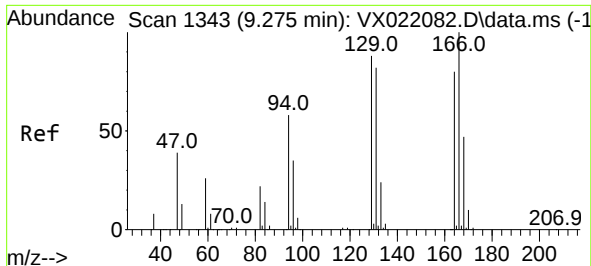
Tgt Ion: 95 Resp: 54054
Ion Ratio Lower Upper
95 100
174 64.4 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

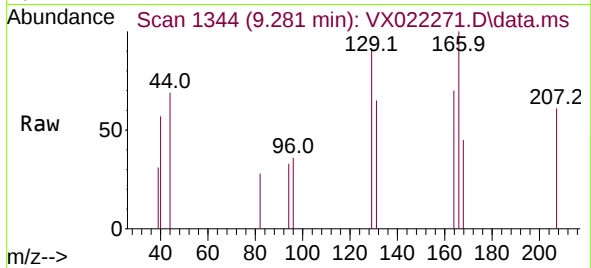
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Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.4 26.6 39.8



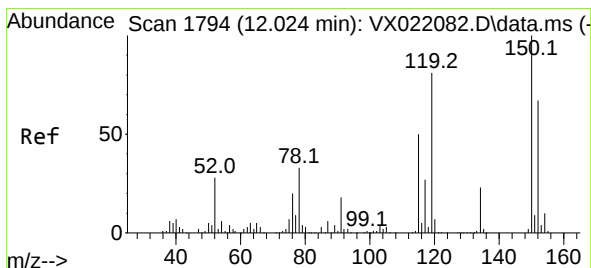
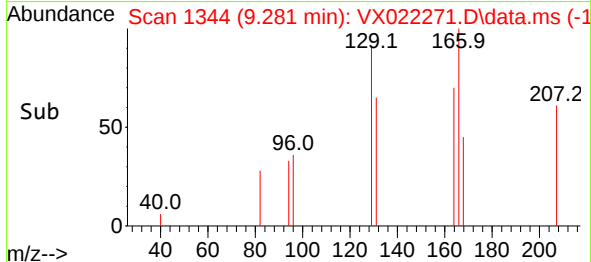
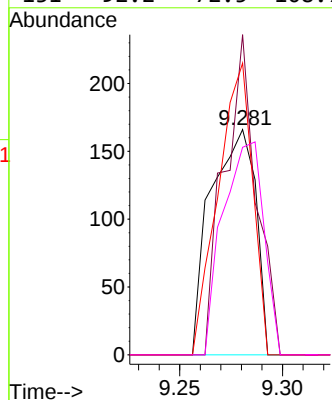


#64
Tetrachloroethene
Concen: 0.33 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526



Tgt Ion:164 Resp: 251
Ion Ratio Lower Upper
164 100
166 142.2 103.4 155.2
129 129.5 70.8 106.2#
131 92.2 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022271.D
Acq: 28 May 2021 23:32

Tgt Ion:152 Resp: 43226
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 156.1 0.0 349.0

