

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030067.D
 Acq On : 14 Jul 2022 17:44
 Operator : JC/MD
 Sample : N3695-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01C-84DL

Quant Time: Jul 15 04:19:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

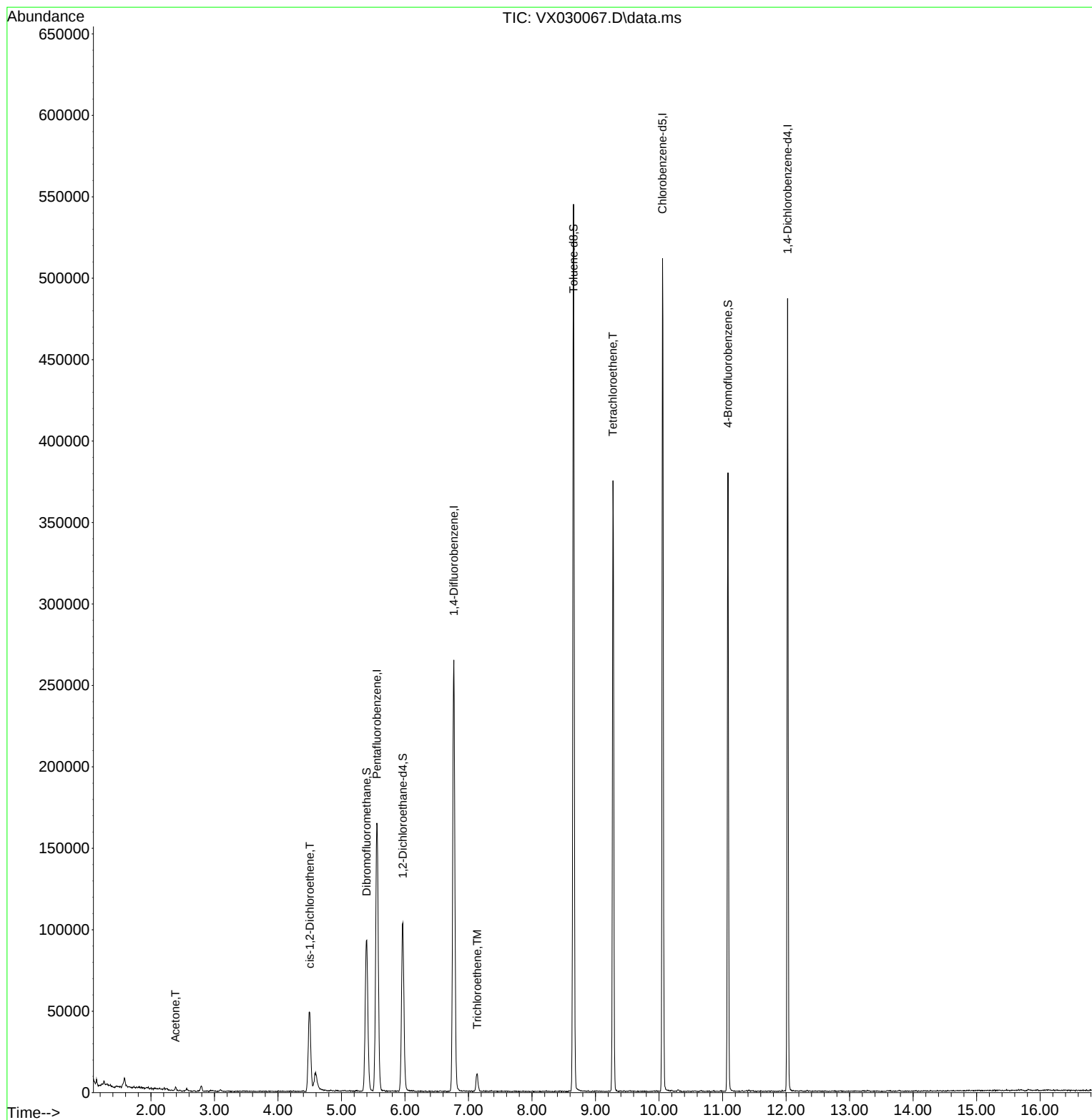
Internal Standards						
1) Pentafluorobenzene	5.556	168	163269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92283	46.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.880%
35) Dibromofluoromethane	5.397	113	84290	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	322810	46.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.085	95	102827	43.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.140%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	2349	2.508	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	33574	15.812	ug/l	88
44) Trichloroethene	7.135	130	4560	2.098	ug/l	93
64) Tetrachloroethene	9.274	164	70291	36.229	ug/l	97

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

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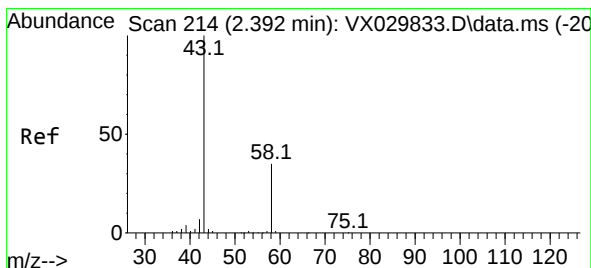
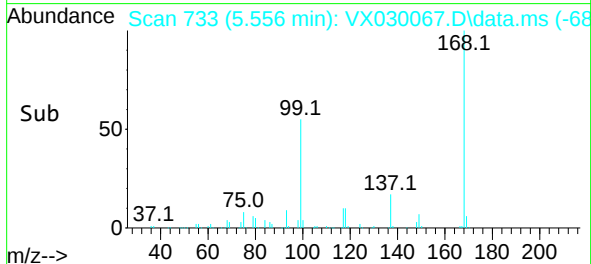
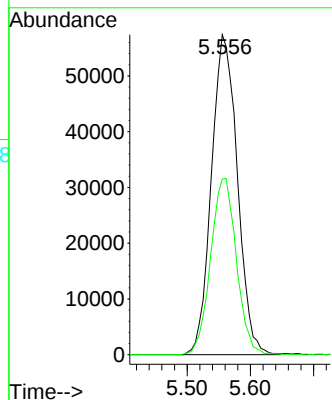
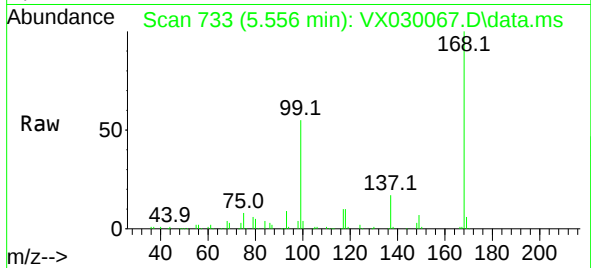




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

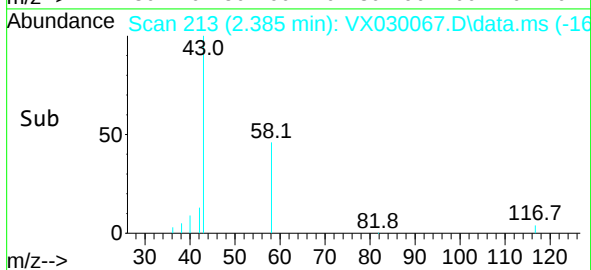
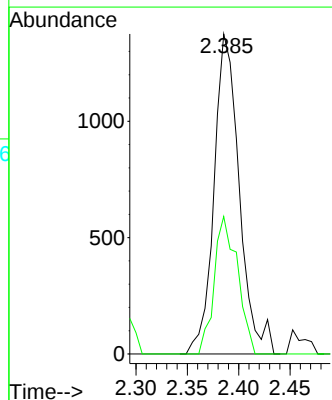
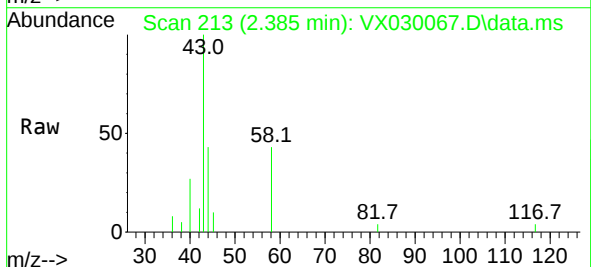
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

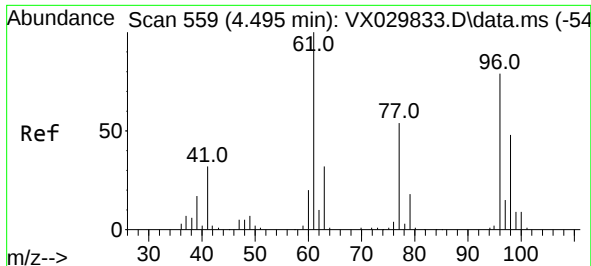
Tgt Ion:168 Resp: 163269
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#16
Acetone
Concen: 2.508 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
58 43.0 27.7 41.5#





#27

cis-1,2-Dichloroethene

Concen: 15.812 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030067.D

Acq: 14 Jul 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

SPC-01C-84DL

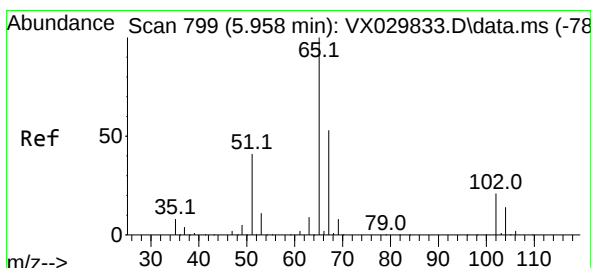
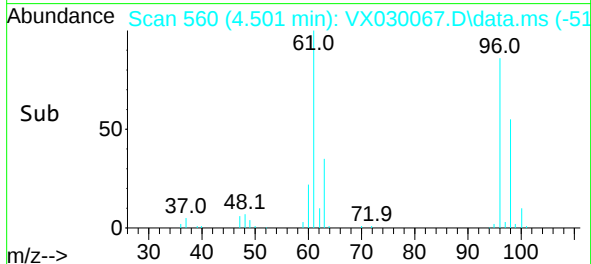
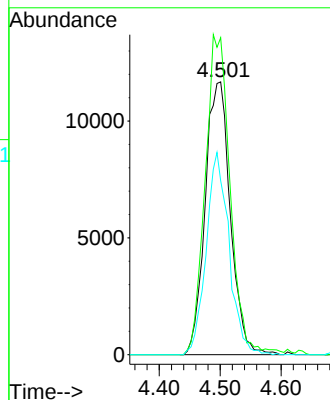
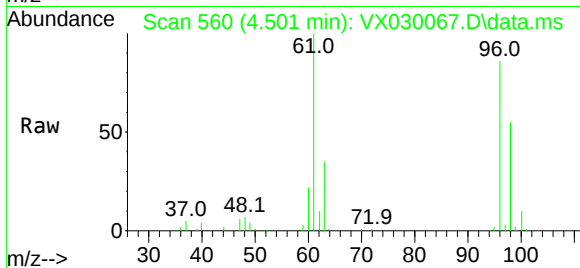
Tgt Ion: 96 Resp: 33574

Ion Ratio Lower Upper

96 100

61 116.1 0.0 270.0

98 67.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 46.437 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030067.D

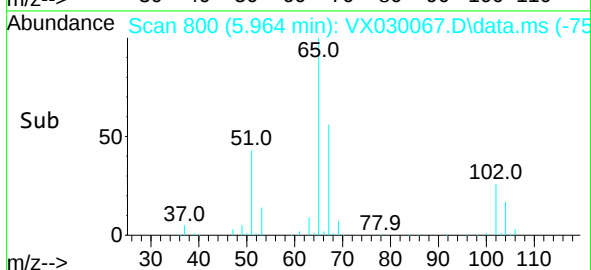
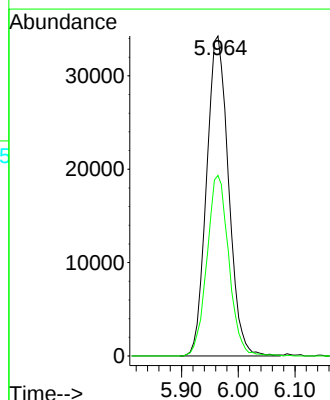
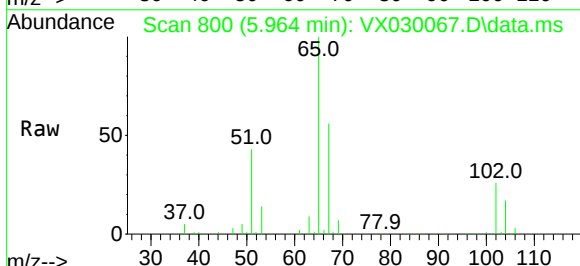
Acq: 14 Jul 2022 17:44

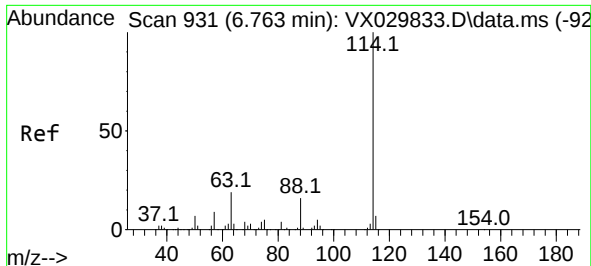
Tgt Ion: 65 Resp: 92283

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6

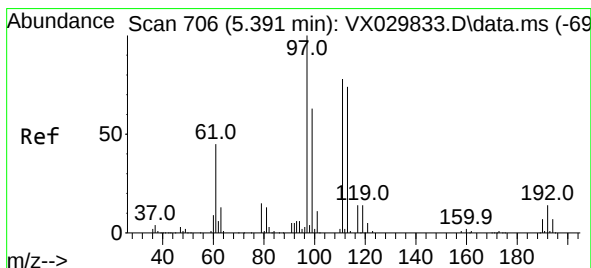
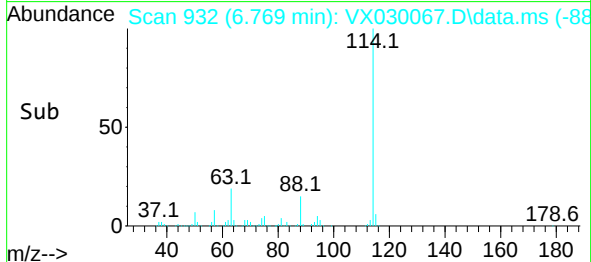
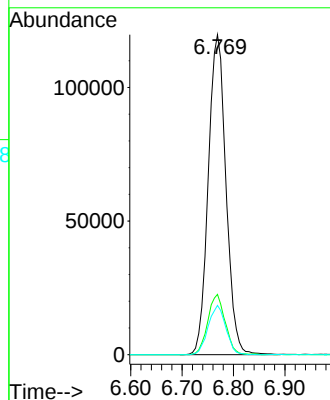
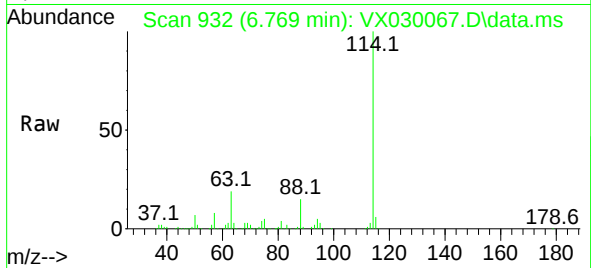




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

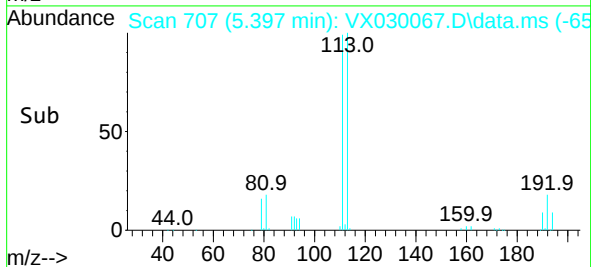
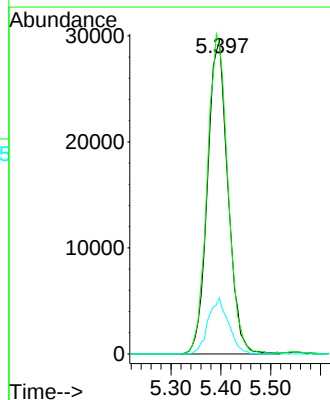
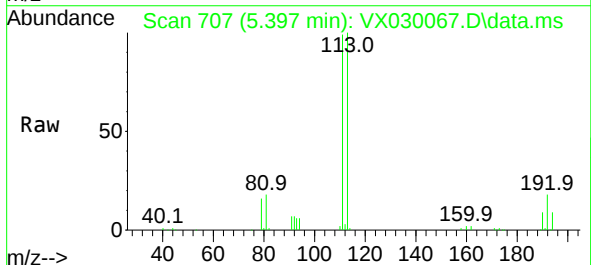
Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

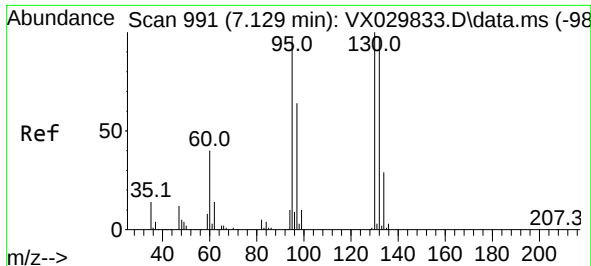
Tgt Ion:114 Resp: 286347
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.078 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion:113 Resp: 84290
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.8 14.8 22.2

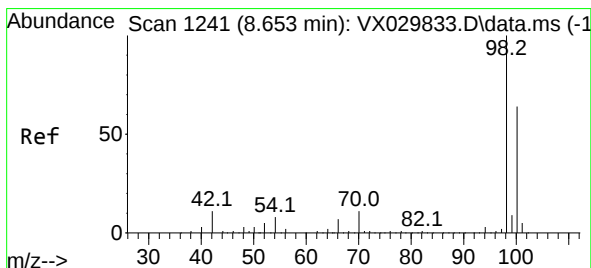
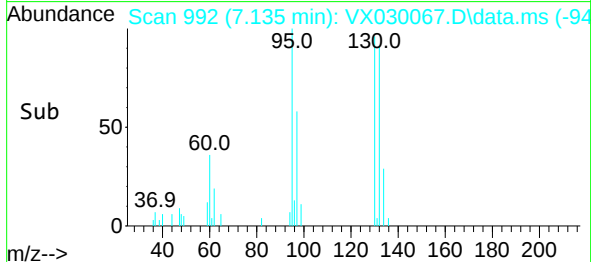
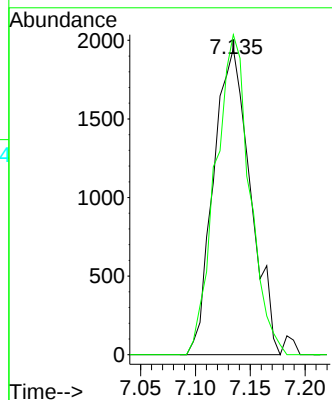
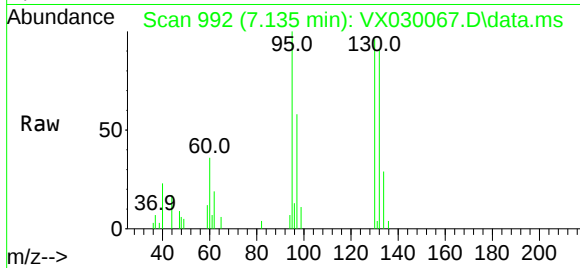




#44
 Trichloroethene
 Concen: 2.098 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX030067.D
 Acq: 14 Jul 2022 17:44

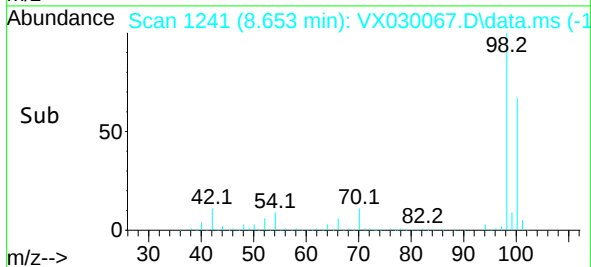
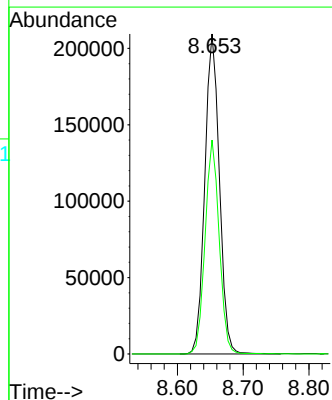
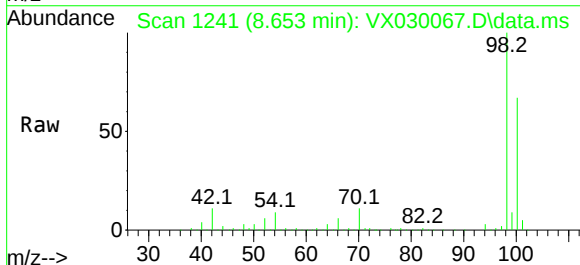
Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01C-84DL

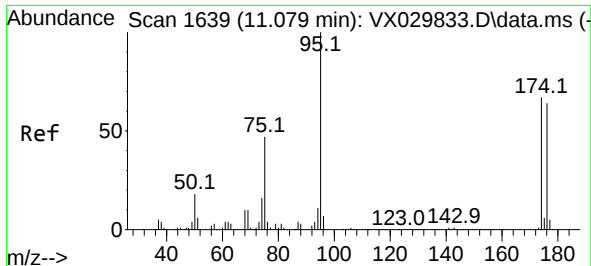
Tgt Ion:130 Resp: 4560
 Ion Ratio Lower Upper
 130 100
 95 104.6 0.0 194.8



#50
 Toluene-d8
 Concen: 46.921 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030067.D
 Acq: 14 Jul 2022 17:44

Tgt Ion: 98 Resp: 322810
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.3 78.5

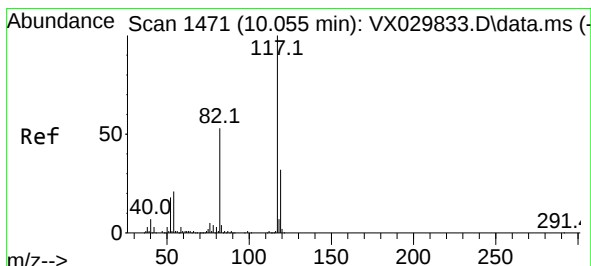
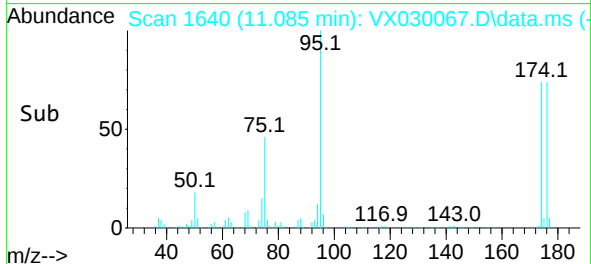
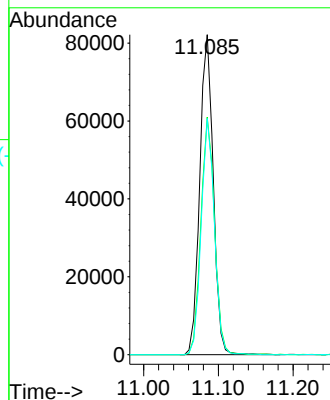
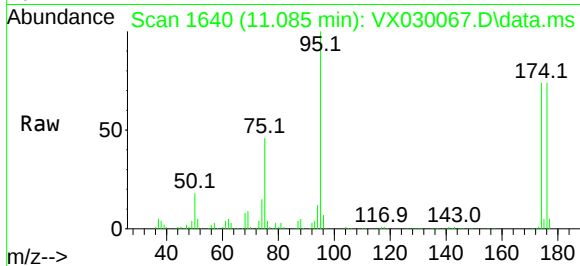




#62
4-Bromofluorobenzene
Concen: 43.069 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

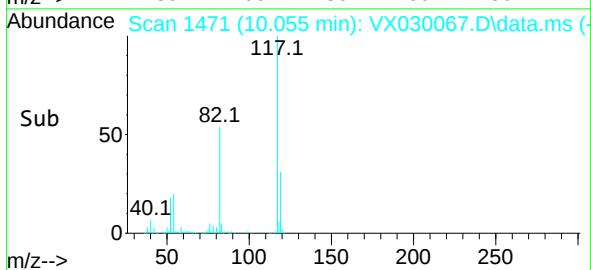
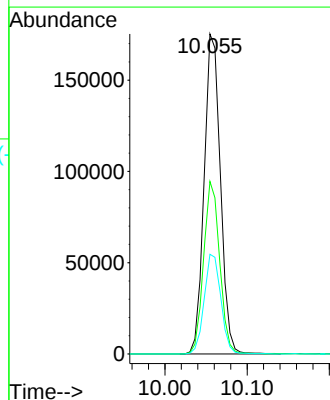
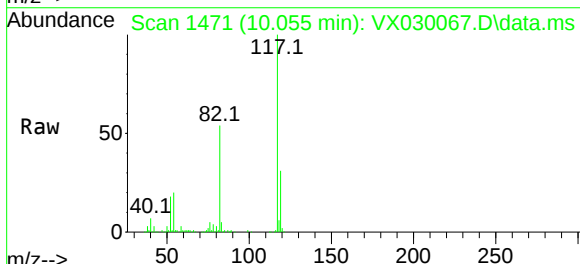
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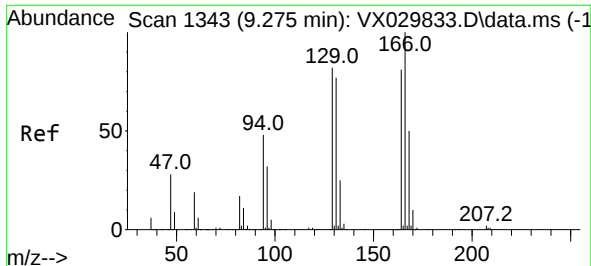
Tgt Ion: 95 Resp: 102827
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.0
176 72.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion: 117 Resp: 241697
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.2 25.4 38.2

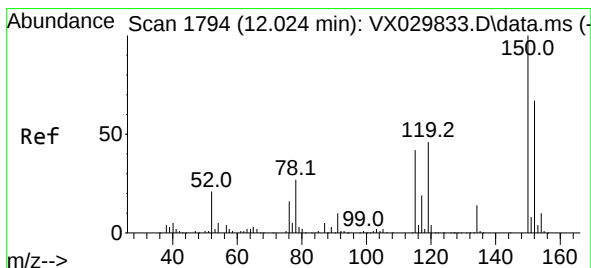
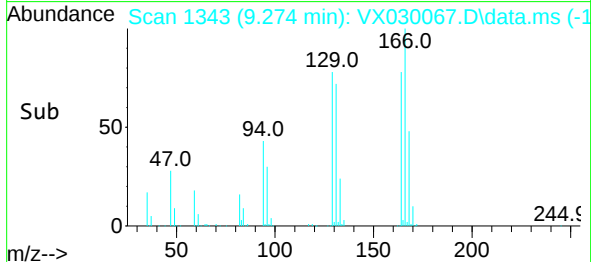
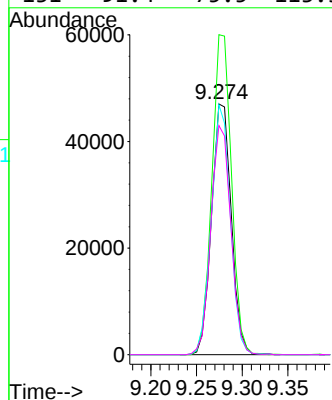
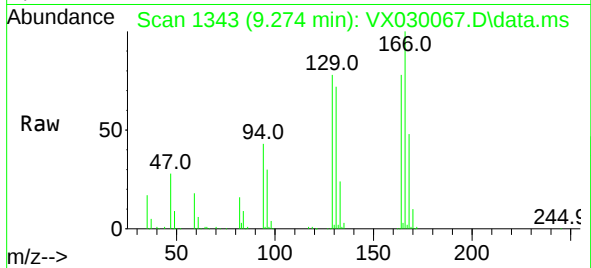




#64
Tetrachloroethene
Concen: 36.229 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
SPC-01C-84DL

Tgt Ion:164	Resp:	70291
Ion	Ratio	Lower Upper
164	100	
166	127.6	98.2 147.4
129	99.7	80.8 121.2
131	91.4	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030067.D
Acq: 14 Jul 2022 17:44

Tgt Ion:152	Resp:	97684
Ion	Ratio	Lower Upper
152	100	
115	57.3	40.5 121.5
150	155.7	0.0 347.0

