

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030095.D
 Acq On : 15 Jul 2022 16:37
 Operator : JC/MD
 Sample : N3711-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1-4-TOTES-COMP

Quant Time: Jul 16 06:03:05 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)

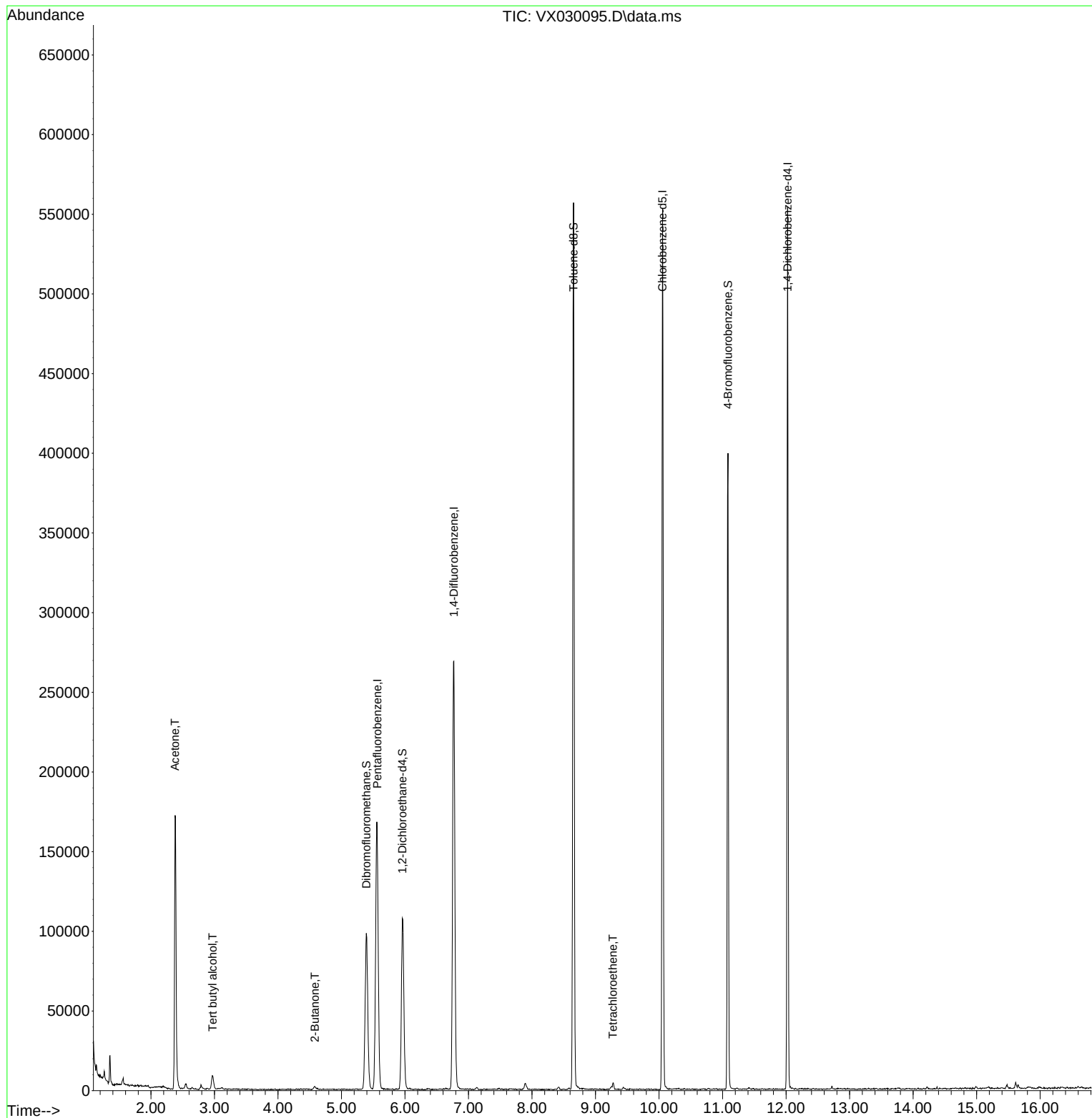
Internal Standards						
1) Pentafluorobenzene	5.562	168	161369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	288103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99272	50.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.080%
35) Dibromofluoromethane	5.391	113	86900	47.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.653	98	334326	48.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.085	95	111187	46.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	9323	18.391	ug/l #	89
16) Acetone	2.380	43	179301	193.730	ug/l	100
25) 2-Butanone	4.580	43	3197	2.028	ug/l #	74
64) Tetrachloroethene	9.275	164	835	0.407	ug/l #	68

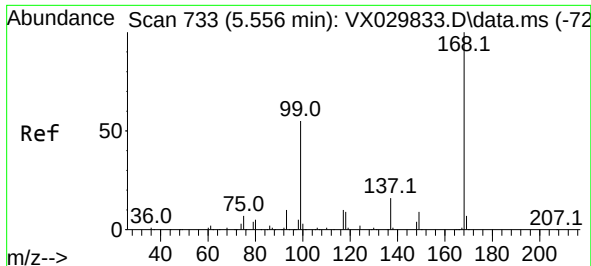
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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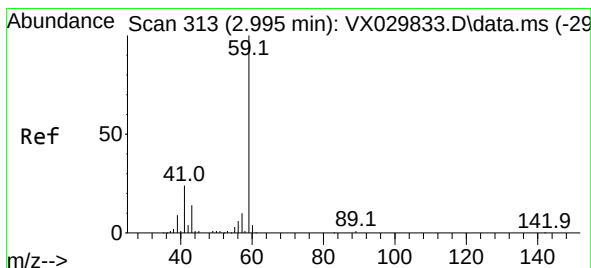
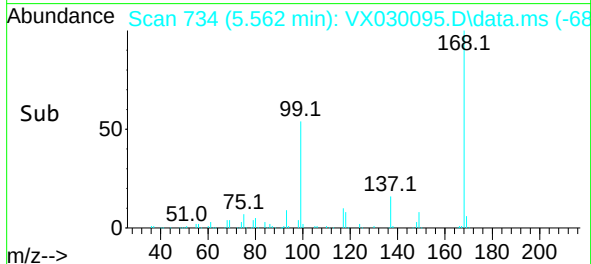
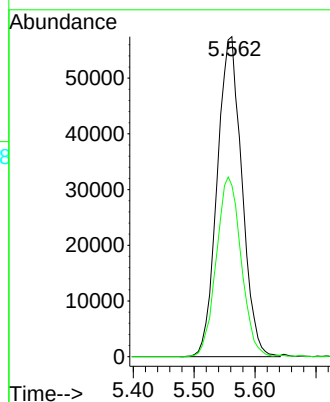
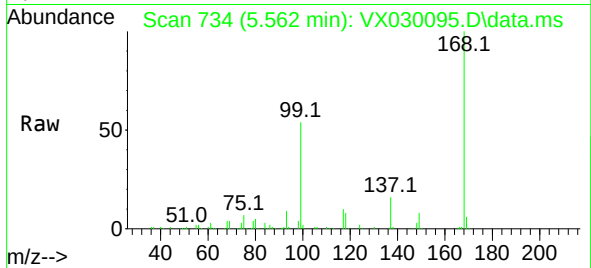




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

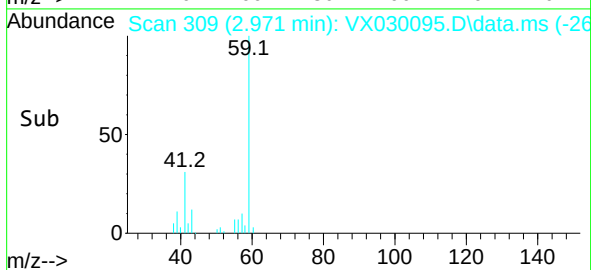
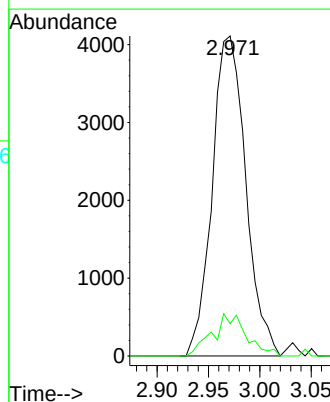
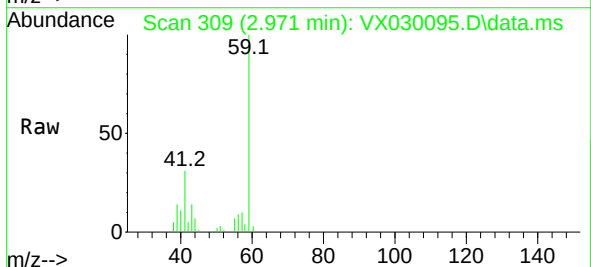
Instrument :
MSVOA_X
ClientSampleId :
1-4-TOTES-COMP

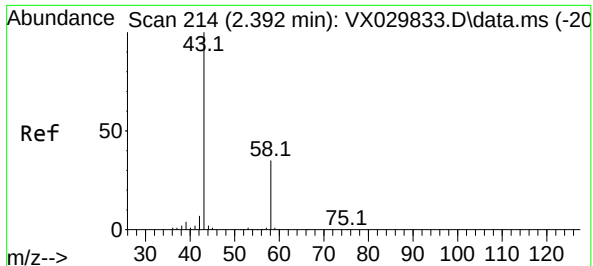
Tgt Ion:168 Resp: 161369
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 18.391 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

Tgt Ion: 59 Resp: 9323
Ion Ratio Lower Upper
59 100
57 13.3 7.4 11.2#

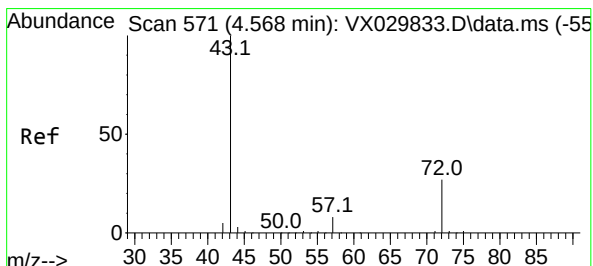
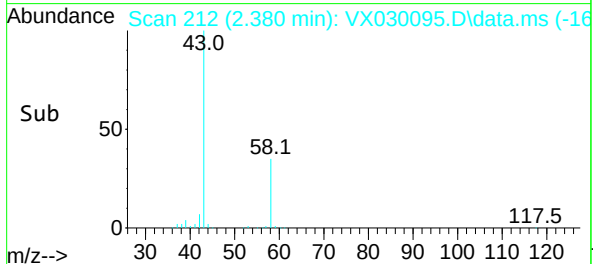
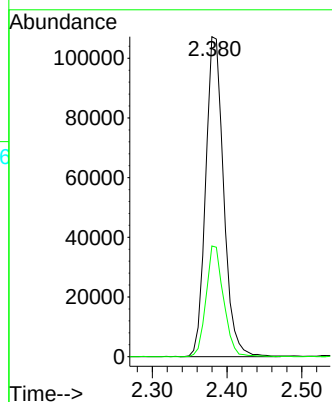
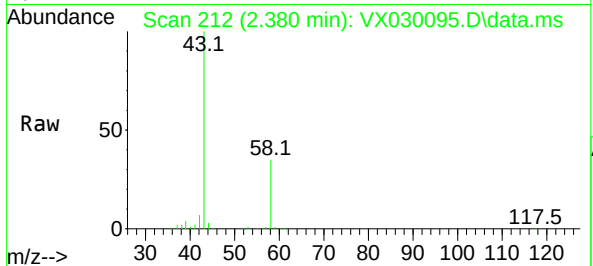




#16
Acetone
Concen: 193.730 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

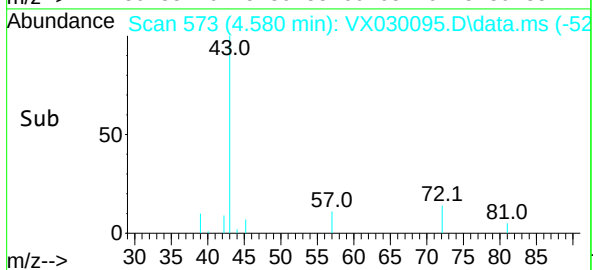
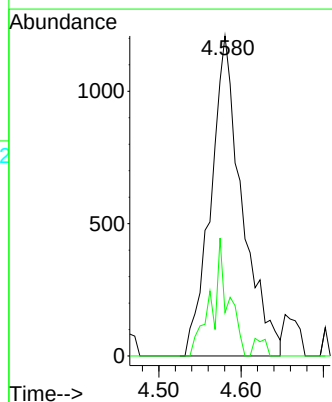
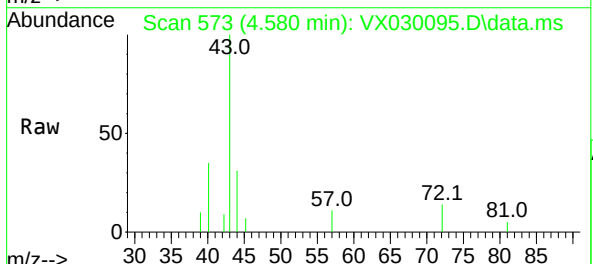
Instrument :
MSVOA_X
ClientSampleId :
1-4-TOTES-COMP

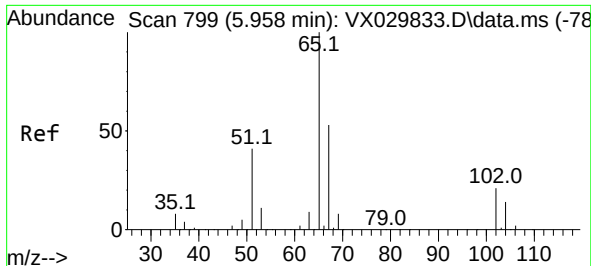
Tgt Ion: 43 Resp: 179301
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5



#25
2-Butanone
Concen: 2.028 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

Tgt Ion: 43 Resp: 3197
Ion Ratio Lower Upper
43 100
72 13.6 21.7 32.5#

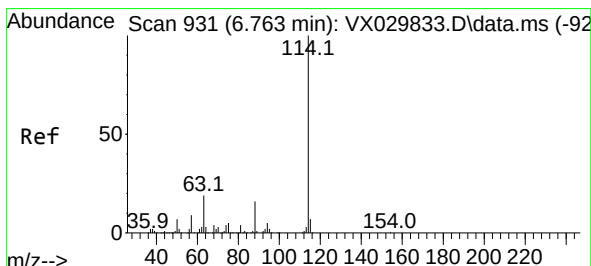
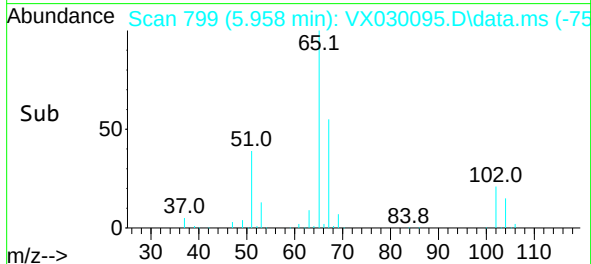
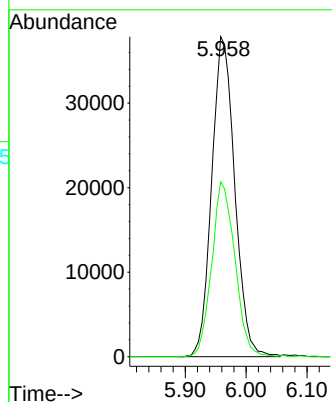
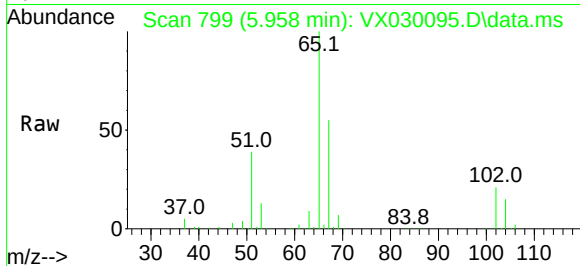




#33
 1,2-Dichloroethane-d4
 Concen: 50.542 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030095.D
 Acq: 15 Jul 2022 16:37

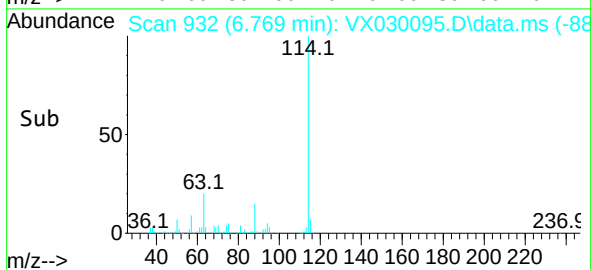
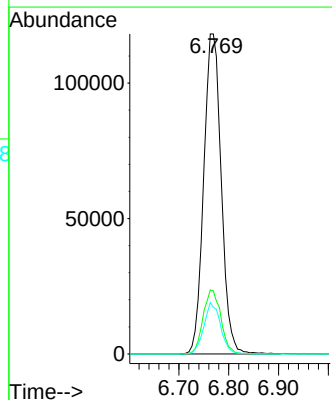
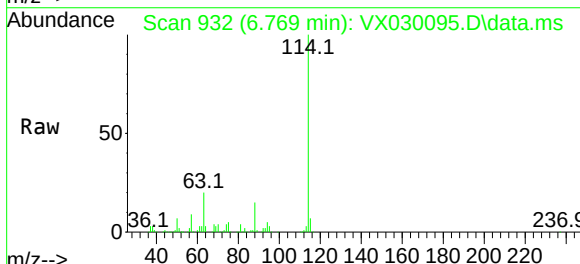
Instrument :
 MSVOA_X
 ClientSampleId :
 1-4-TOTES-COMP

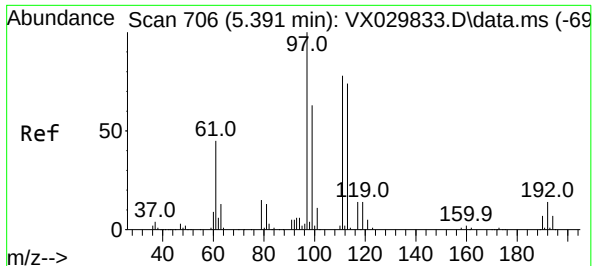
Tgt Ion: 65 Resp: 99272
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX030095.D
 Acq: 15 Jul 2022 16:37

Tgt Ion: 114 Resp: 288103
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 14.6 0.0 31.8

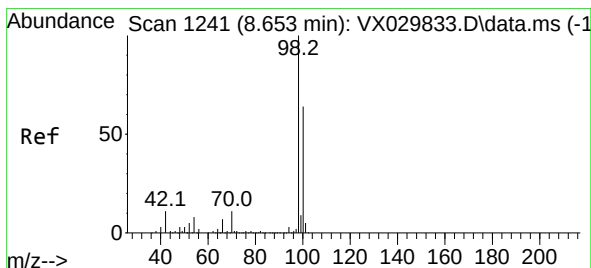
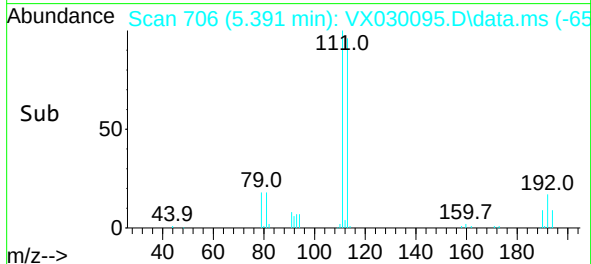
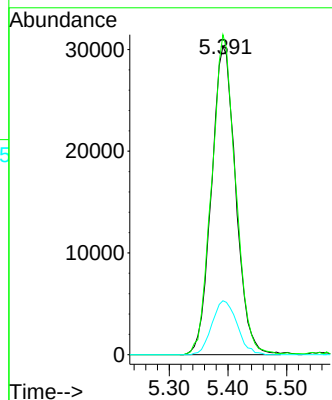
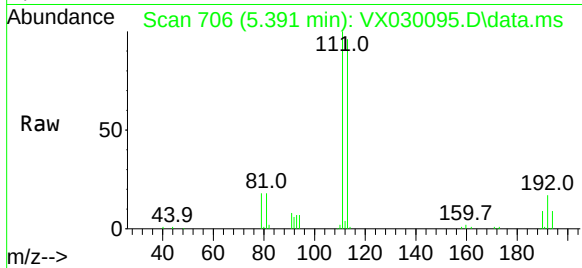




#35
Dibromofluoromethane
Concen: 47.215 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

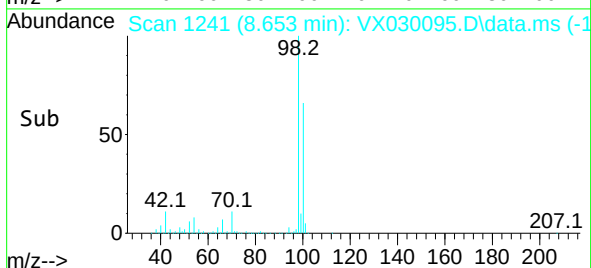
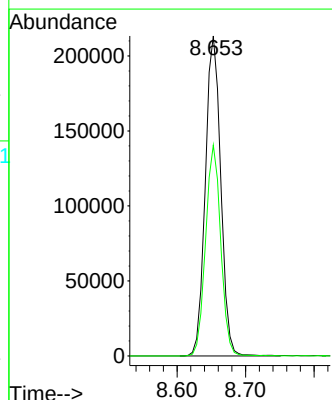
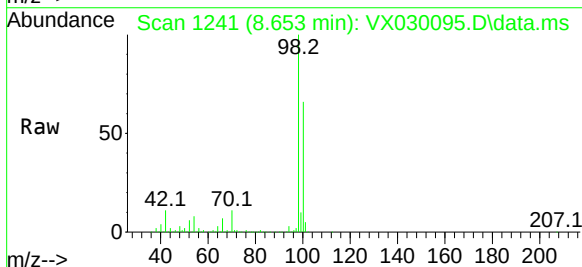
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1-4-TOTES-COMP

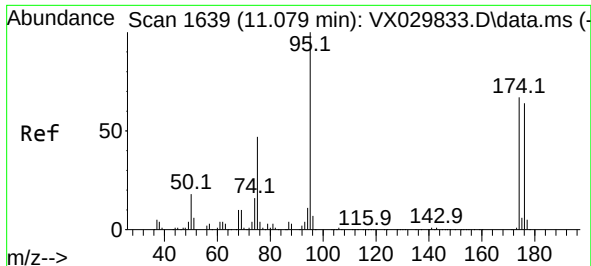
Tgt Ion:113 Resp: 86900
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 18.1 14.8 22.2



#50
Toluene-d8
Concen: 48.299 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

Tgt Ion: 98 Resp: 334326
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

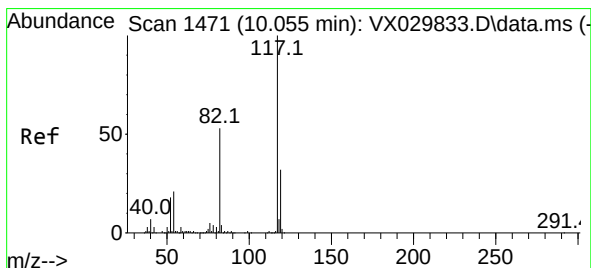
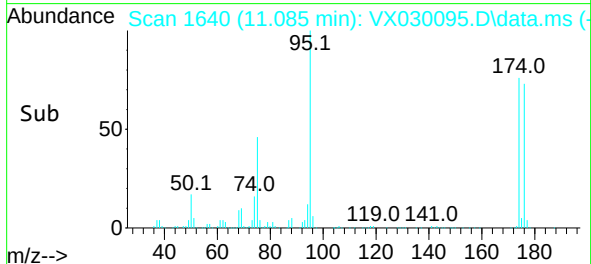
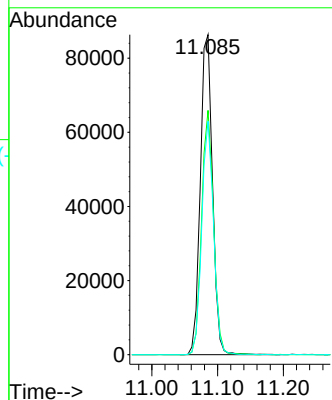
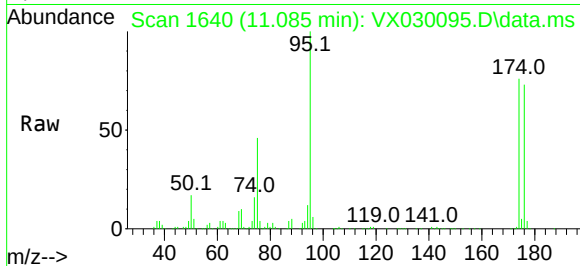




#62
4-Bromofluorobenzene
Concen: 46.286 ug/l
RT: 11.085 min Scan# 111187
Delta R.T. 0.006 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

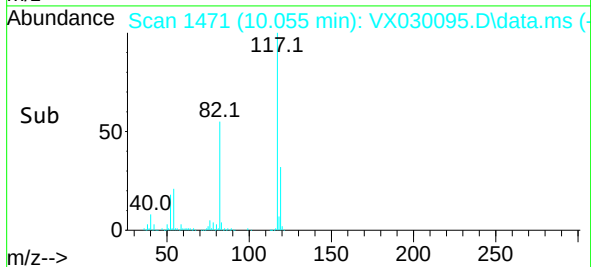
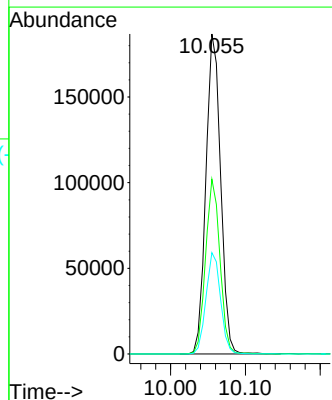
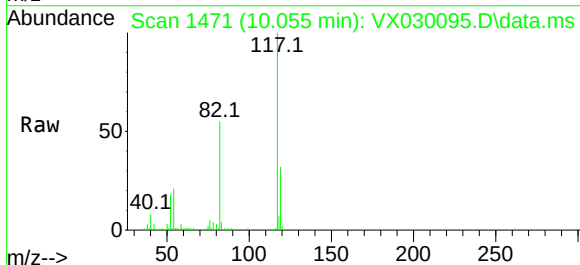
Instrument :
MSVOA_X
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1-4-TOTES-COMP

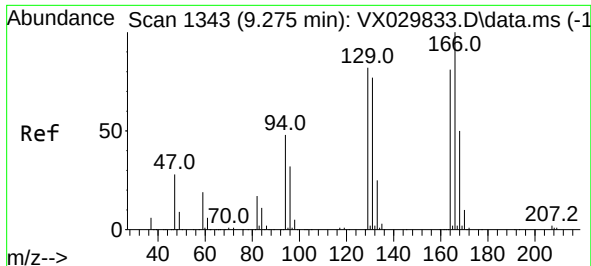
Tgt Ion: 95 Resp: 111187
Ion Ratio Lower Upper
95 100
174 74.8 0.0 149.0
176 70.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

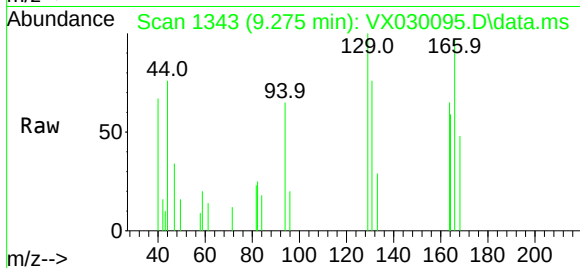
Tgt Ion: 117 Resp: 255517
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.7 25.4 38.2



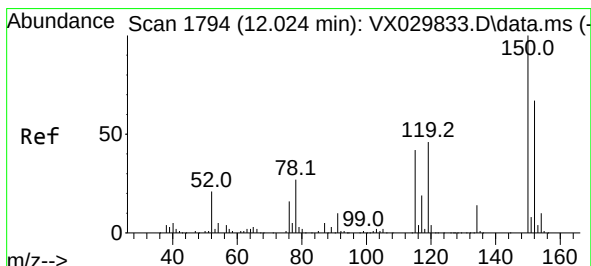
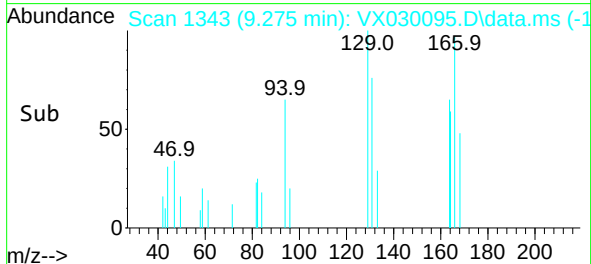
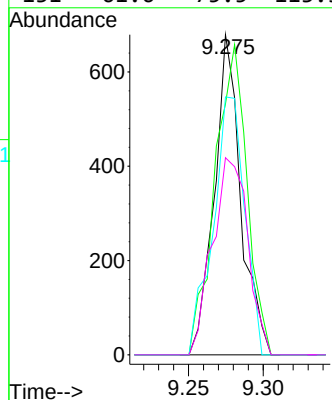


#64
Tetrachloroethene
Concen: 0.407 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030095.D
Acq: 15 Jul 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :
1-4-TOTES-COMP



Tgt Ion:164	Resp:	835	
Ion	Ratio	Lower	Upper
164	100		
166	78.4	98.2	147.4#
129	80.6	80.8	121.2#
131	61.6	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: VX030095.D
Acq: 15 Jul 2022 16:37

Tgt Ion:152	Resp:	109890	
Ion	Ratio	Lower	Upper
152	100		
115	59.3	40.5	121.5
150	154.4	0.0	347.0

