Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030152.D
Acq On : 20 Jul 2022 23:28
Operator : JC/MD
Sample : N3781-03 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Quant Time: Jul 21 03:35:09 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	186615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121060	53.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.600%			
35) Dibromofluoromethane	5.391	113	100905	47.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.020%			
50) Toluene-d8	8.653	98	391488	48.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.085	95	130537	46.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds						Qvalue
13) Acrolein	2.245	56	788	6.749	ug/l	89
16) Acetone	2.386	43	24733	23.108	ug/l	96
25) 2-Butanone	4.580	43	2242	1.230	ug/l #	78
52) Toluene	8.720	92	11340	2.047	ug/l	98

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

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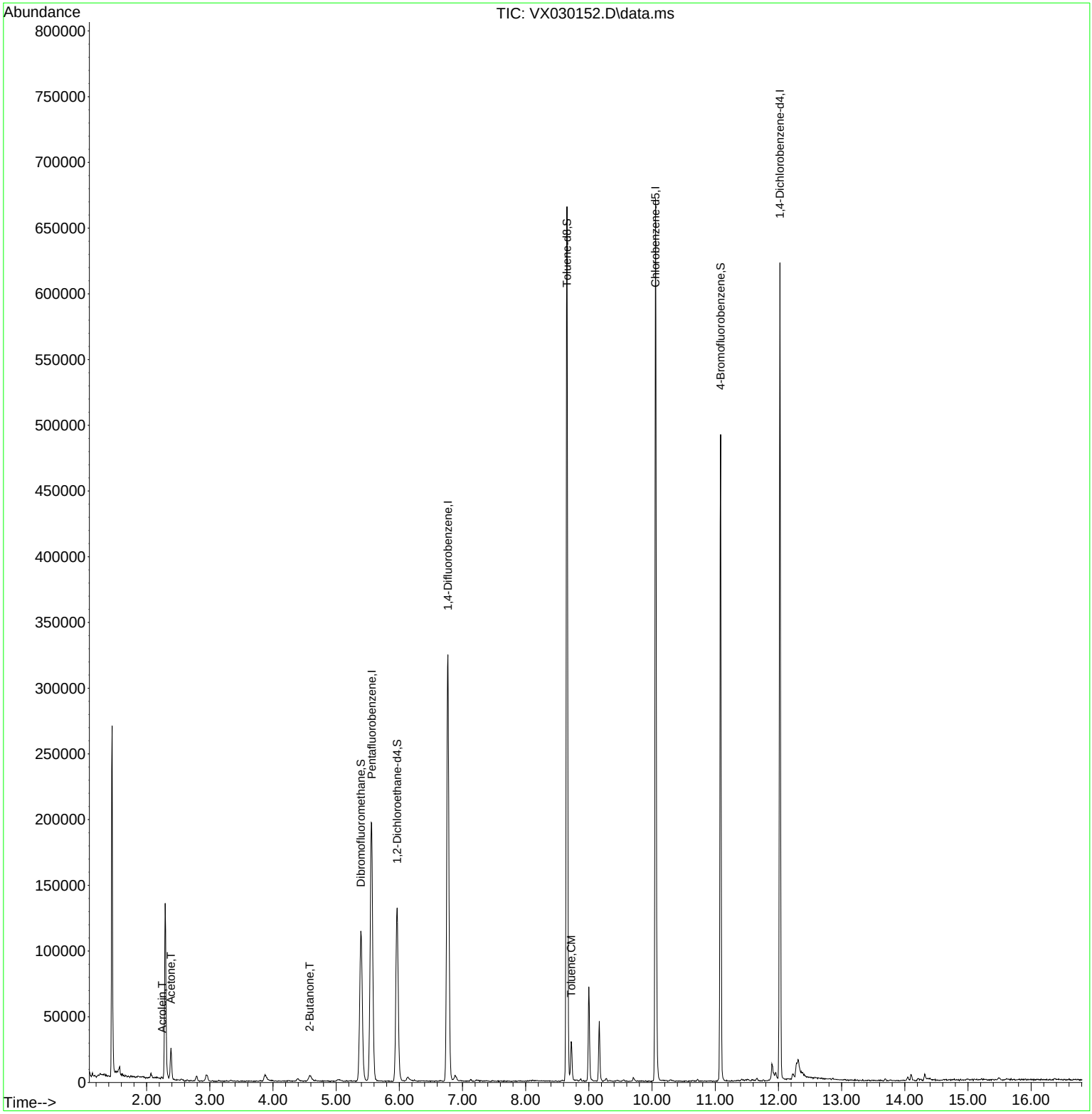
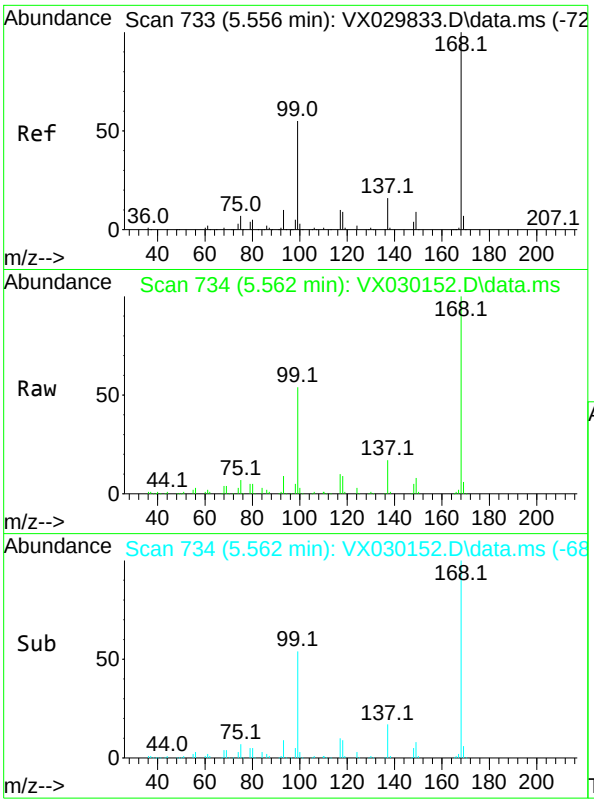


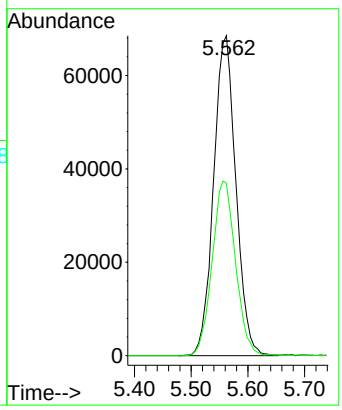


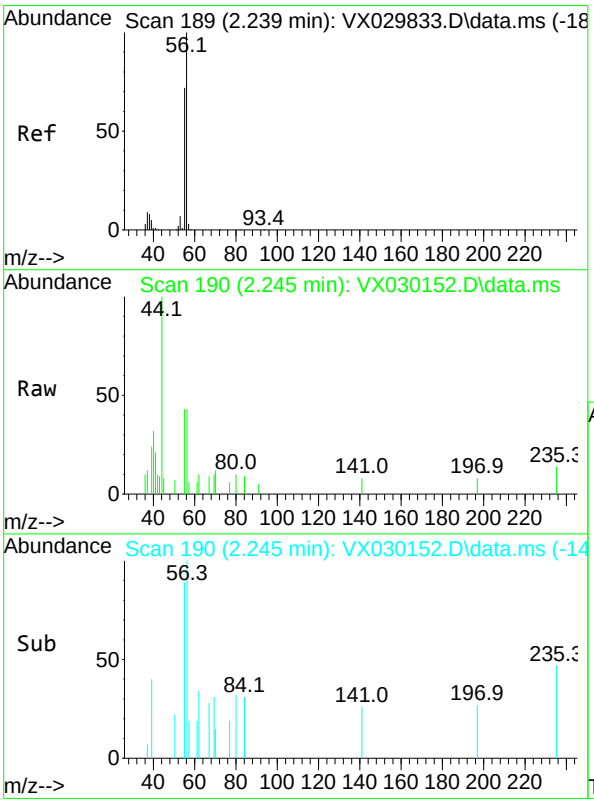
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion:168 Resp: 186615

Ion	Ratio	Lower	Upper
168	100		
99	54.0	44.0	66.0

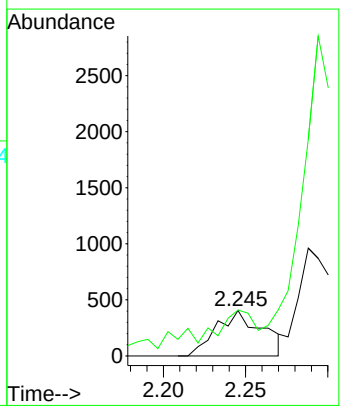


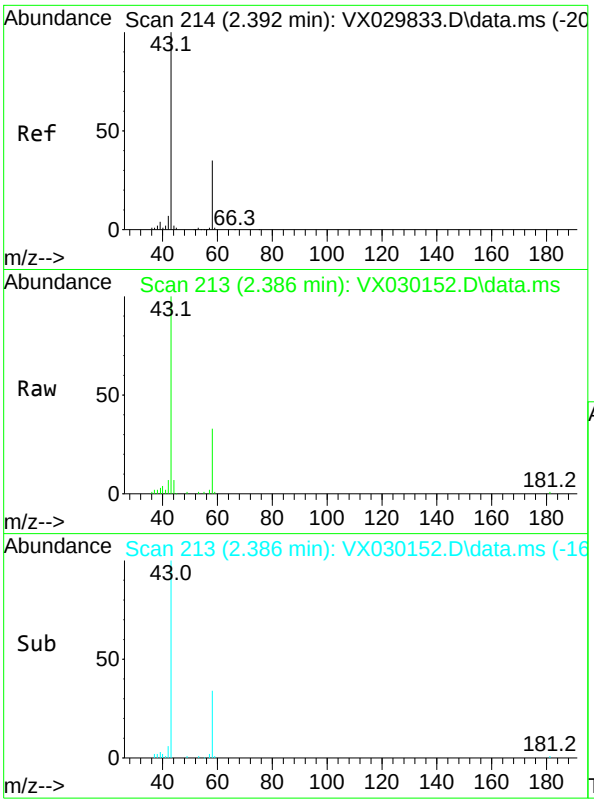


#13
Acrolein
Concen: 6.749 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion: 56 Resp: 788

Ion	Ratio	Lower	Upper
56	100		
55	61.8	56.6	84.8



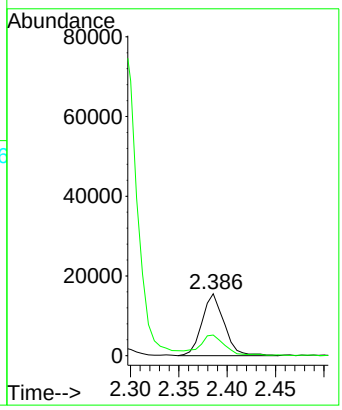


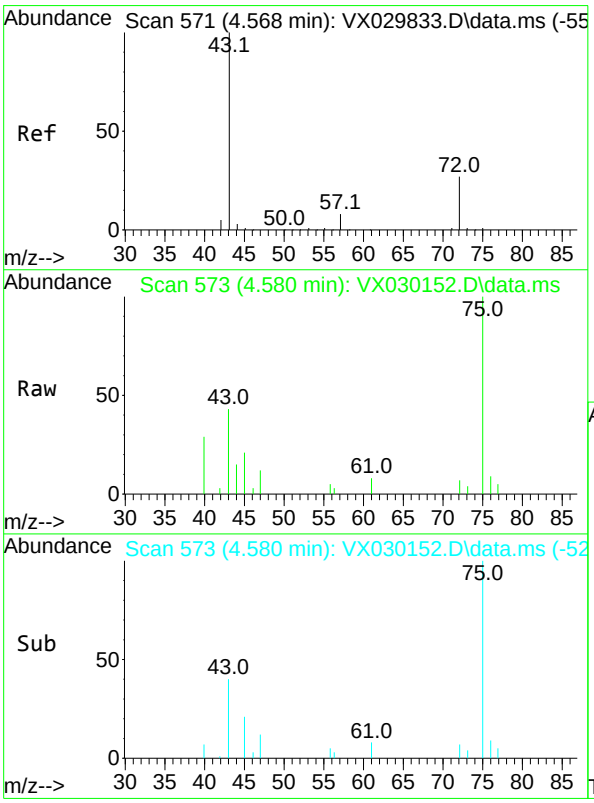
#16
Acetone
Concen: 23.108 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion: 43 Resp: 24733

Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.7	41.5

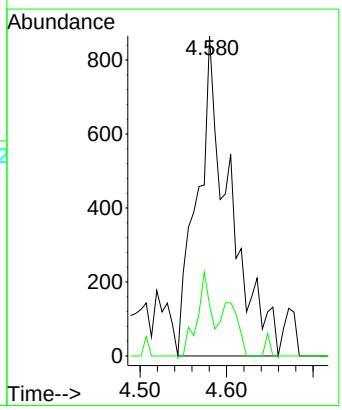


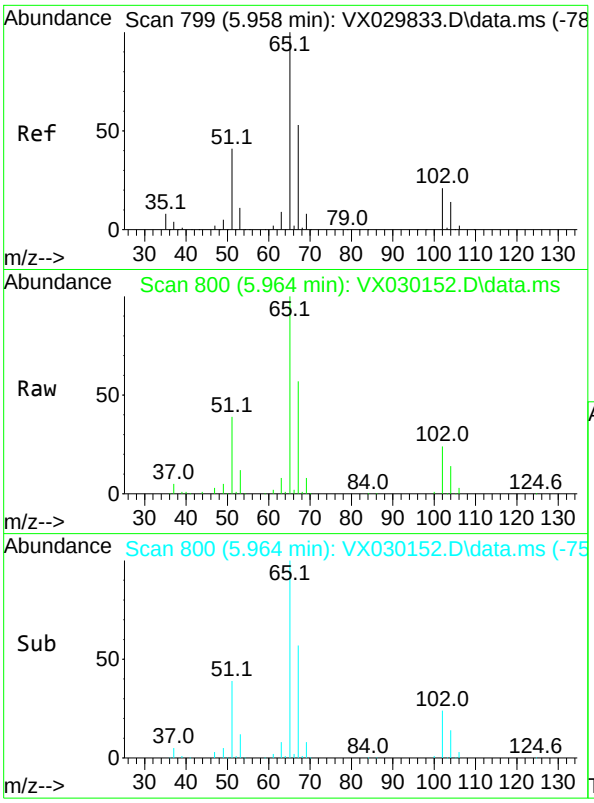


#25
2-Butanone
Concen: 1.230 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion: 43 Resp: 2242

Ion	Ratio	Lower	Upper
43	100		
72	15.8	21.7	32.5#



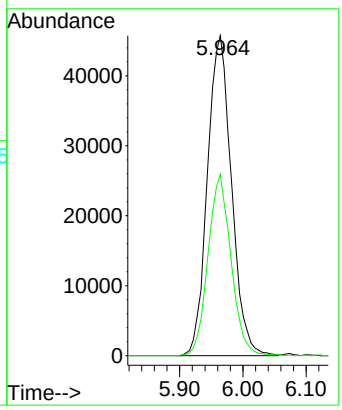


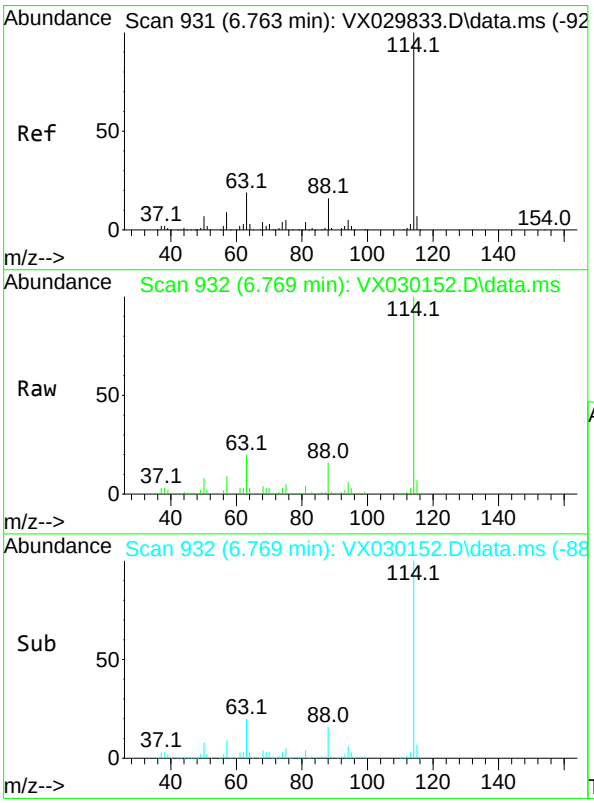
#33
1,2-Dichloroethane-d4
Concen: 53.296 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion: 65 Resp: 121060

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.6

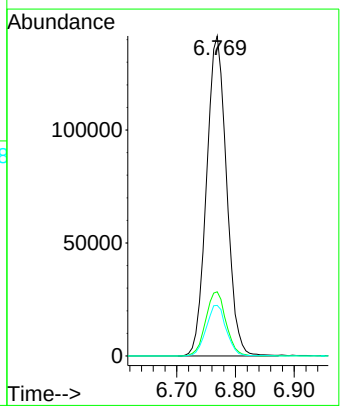


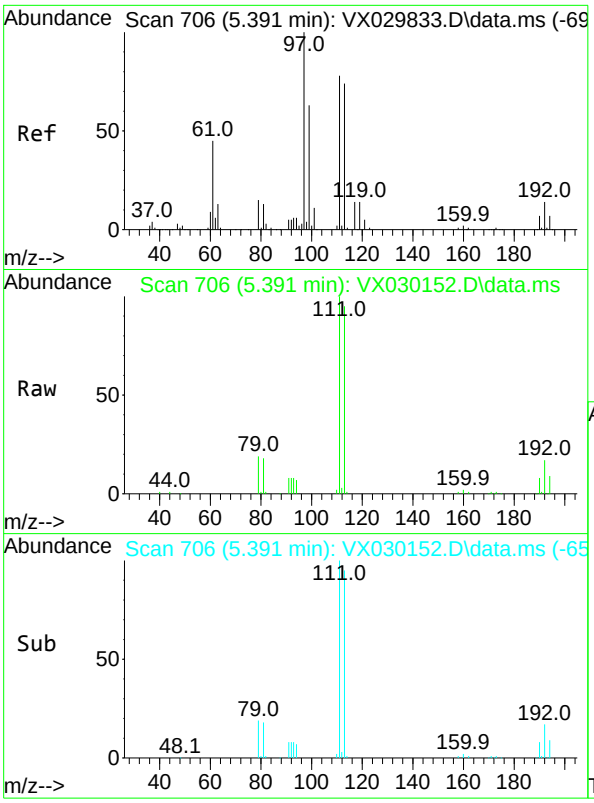


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion:114 Resp: 335970

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.8	0.0	31.8



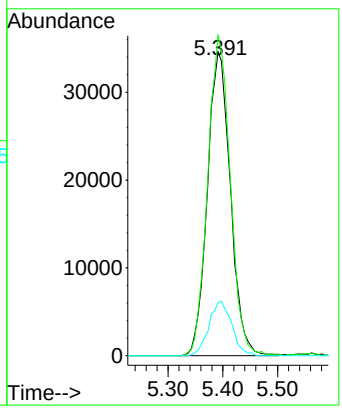


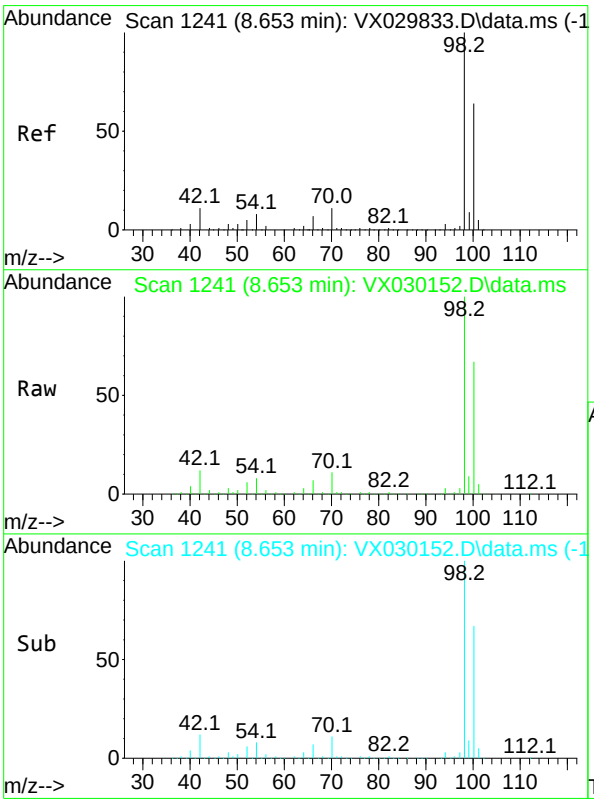
#35
Dibromofluoromethane
Concen: 47.013 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion:113 Resp: 100905

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	17.8	14.8	22.2

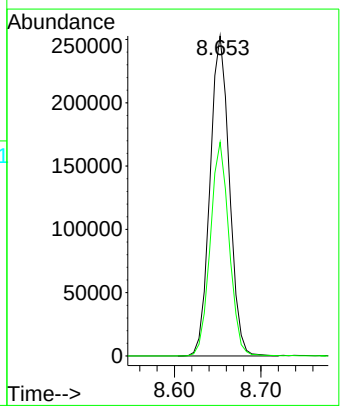


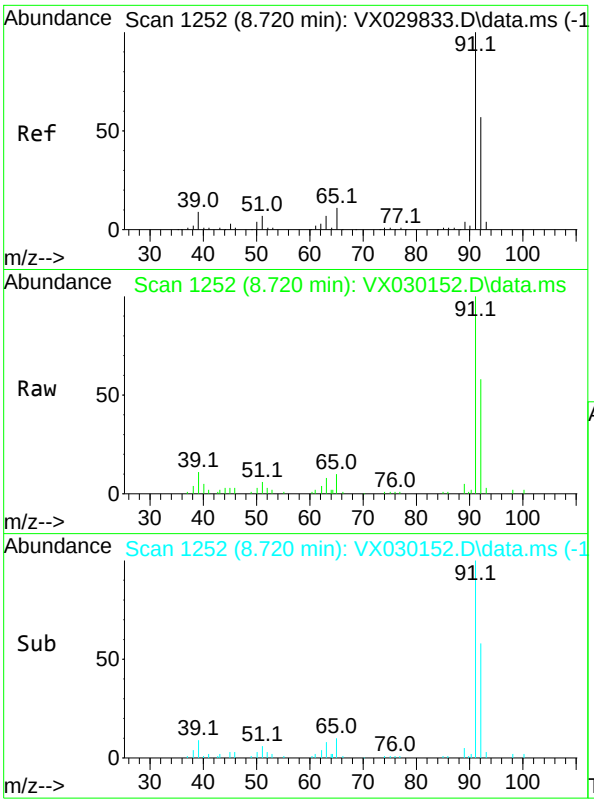


#50
Toluene-d8
Concen: 48.499 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion: 98 Resp: 391488

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5



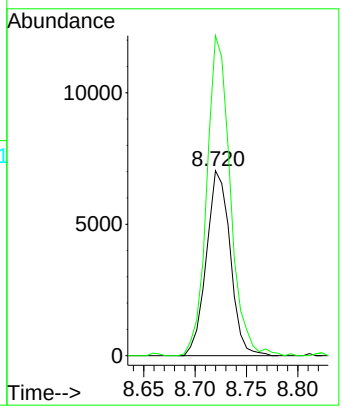


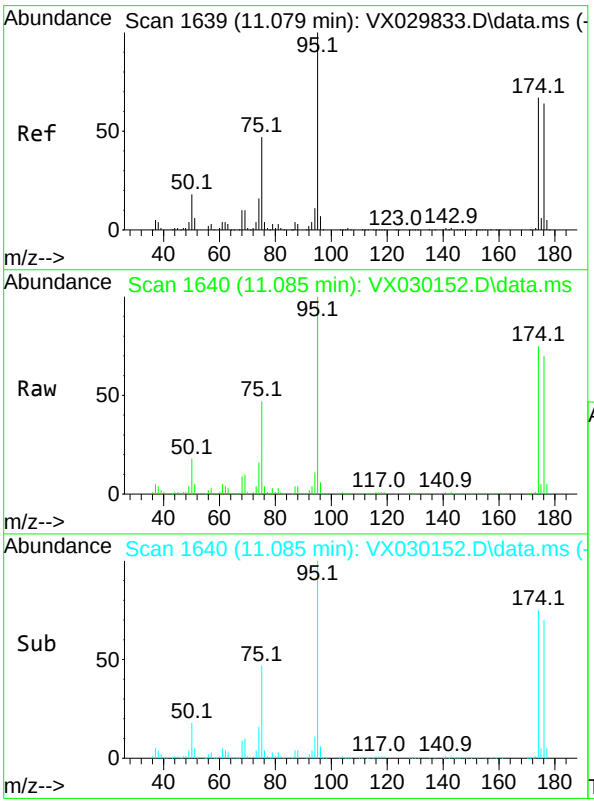
#52
Toluene
Concen: 2.047 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion: 92 Resp: 11340

Ion	Ratio	Lower	Upper
92	100		
91	170.8	139.2	208.8

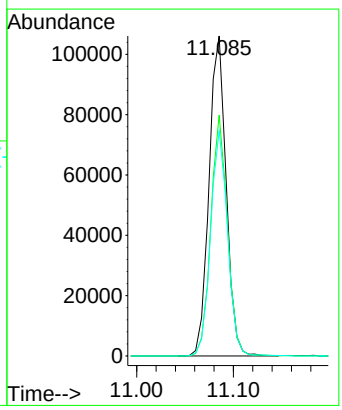


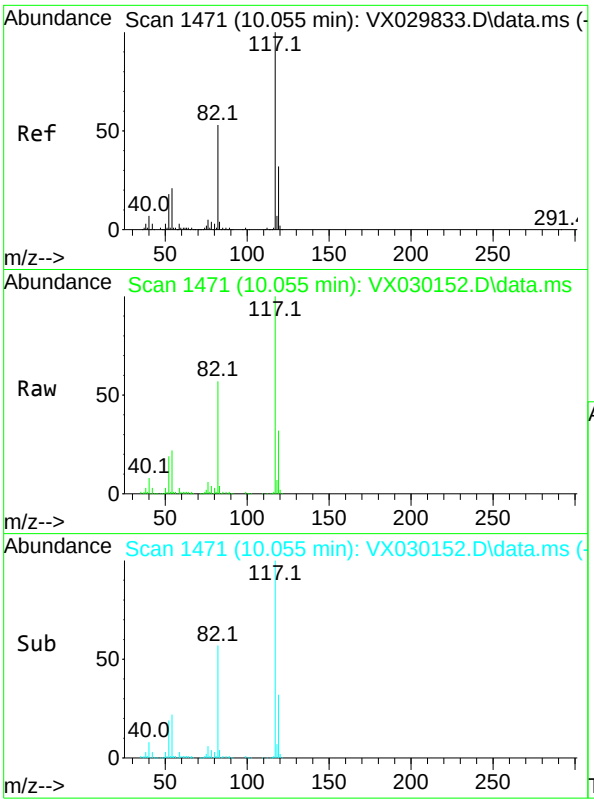


#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion: 95 Resp: 130537

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	149.0
176	69.7	0.0	146.0



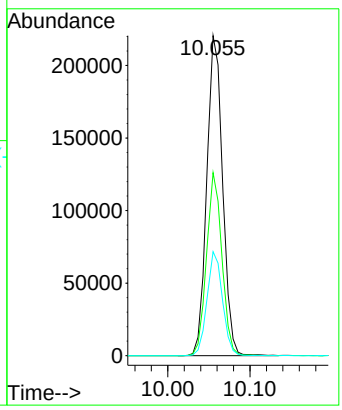


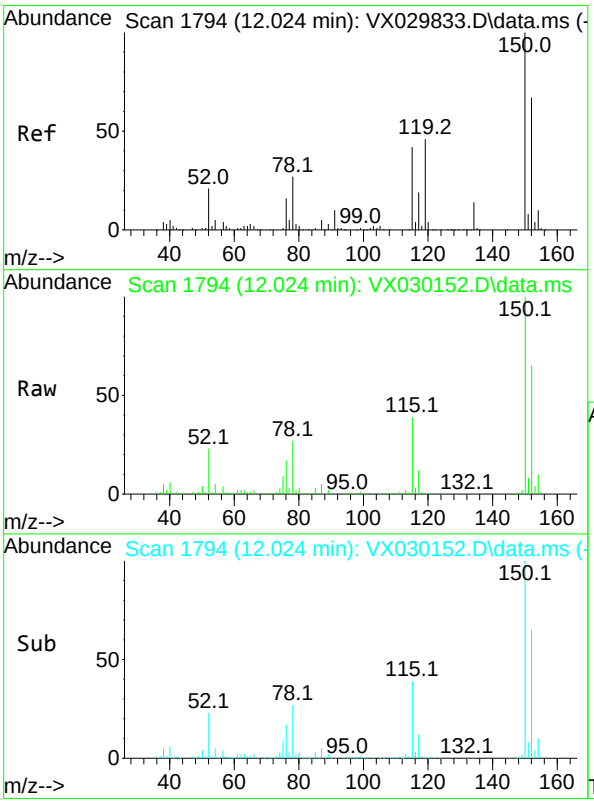
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Instrument :
MSVOA_X
ClientSampleId :
ORA-0020

Tgt Ion:117 Resp: 294938

Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.7	64.1
119	32.5	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030152.D
Acq: 20 Jul 2022 23:28

Tgt Ion:152 Resp: 124045

Ion	Ratio	Lower	Upper
152	100		
115	59.8	40.5	121.5
150	156.2	0.0	347.0