Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
Data File : VX036815.D
Acq On : 04 Aug 2023 17:07
Operator : JC/MD
Sample : PB154625TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Quant Time: Aug 04 23:08:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	127878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89323	47.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.420%		
35) Dibromofluoromethane	5.385	113	74580	46.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.760%		
50) Toluene-d8	8.647	98	284732	49.930	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	106830	49.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds						Qvalue
16) Acetone	2.380	43	52261	66.560	ug/l	91
20) Methylene Chloride	2.788	84	8521	4.880	ug/l	90
25) 2-Butanone	4.562	43	29331	23.025	ug/l	91
37) Ethyl Acetate	4.727	43	8874	3.271	ug/l	98
43) Isopropyl Acetate	6.342	43	135882	29.098	ug/l	95

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

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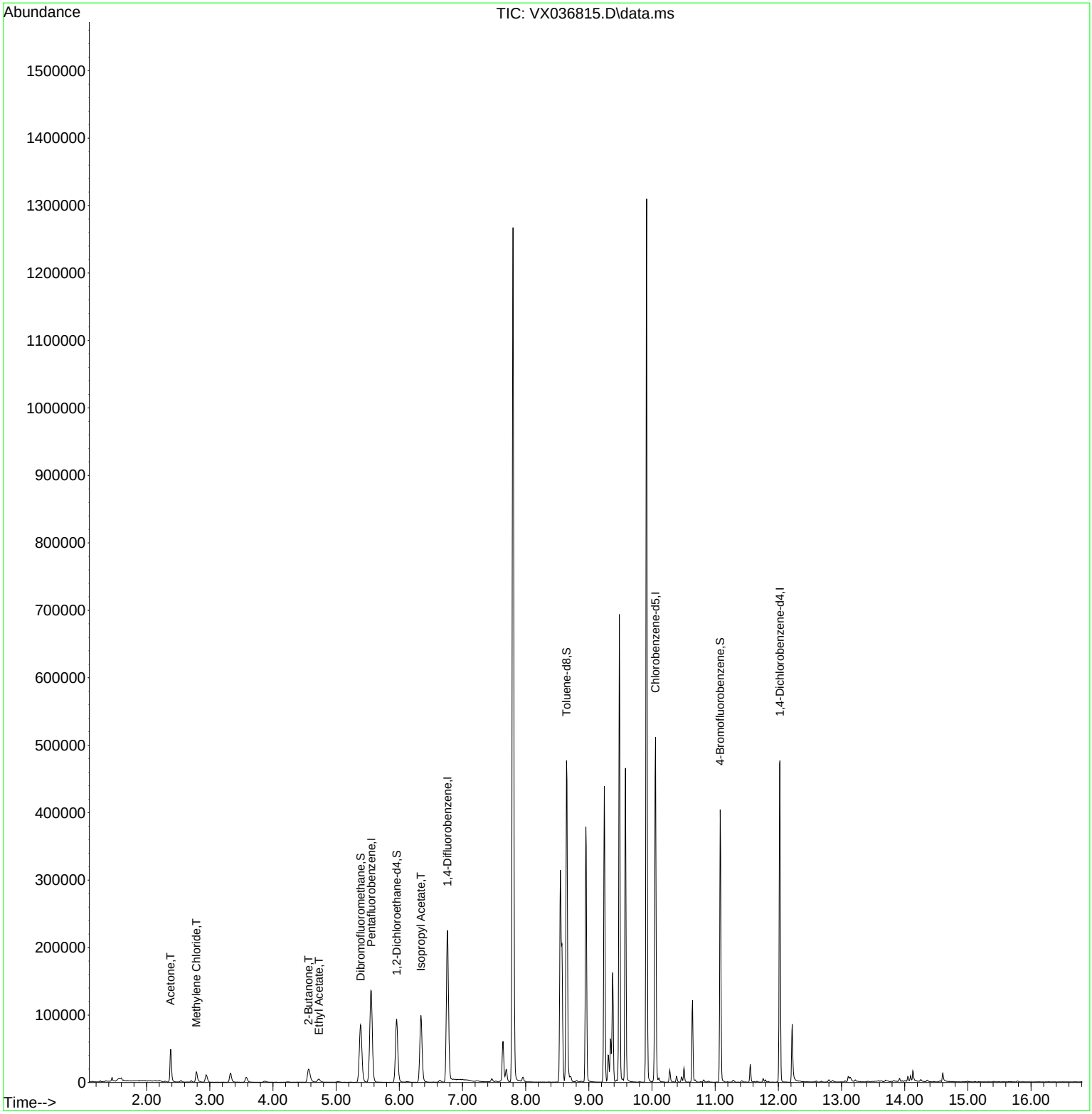
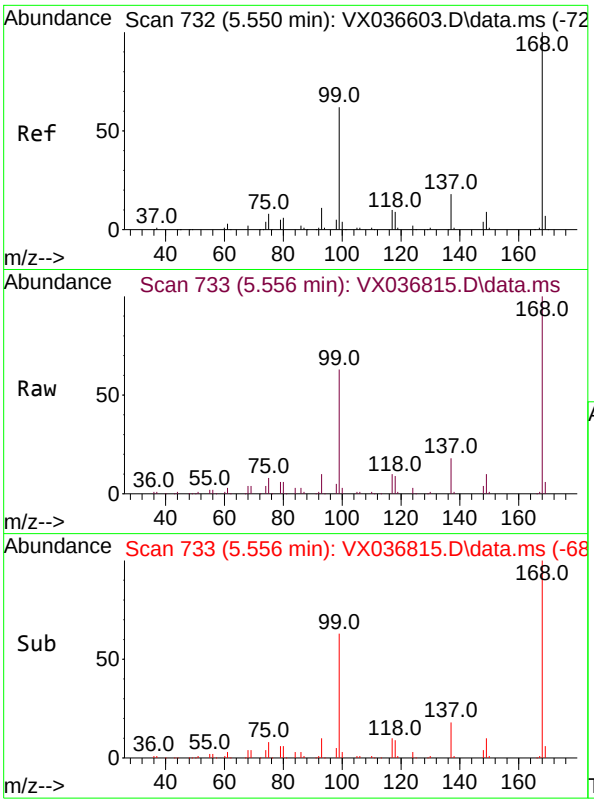


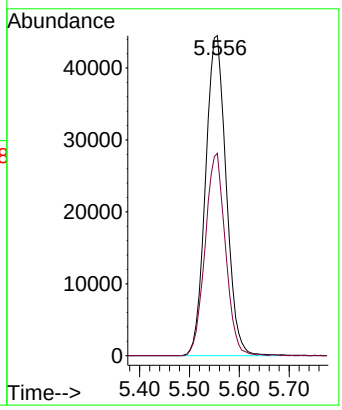


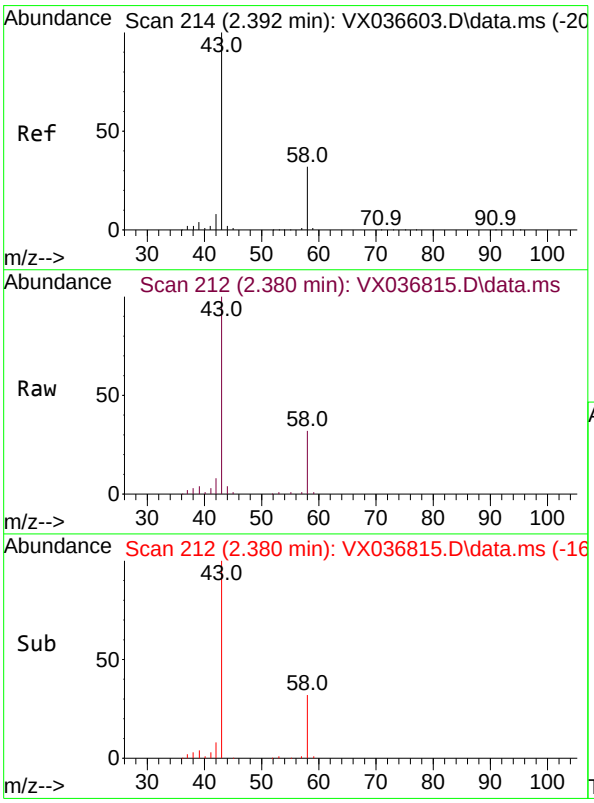
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion:168 Resp: 127878

Ion	Ratio	Lower	Upper
168	100		
99	63.3	56.6	85.0

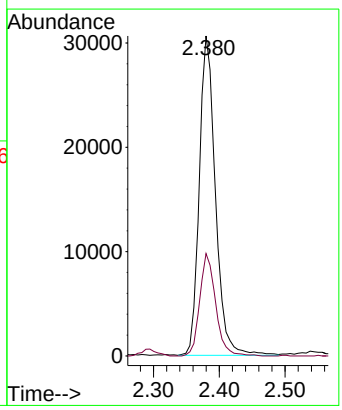


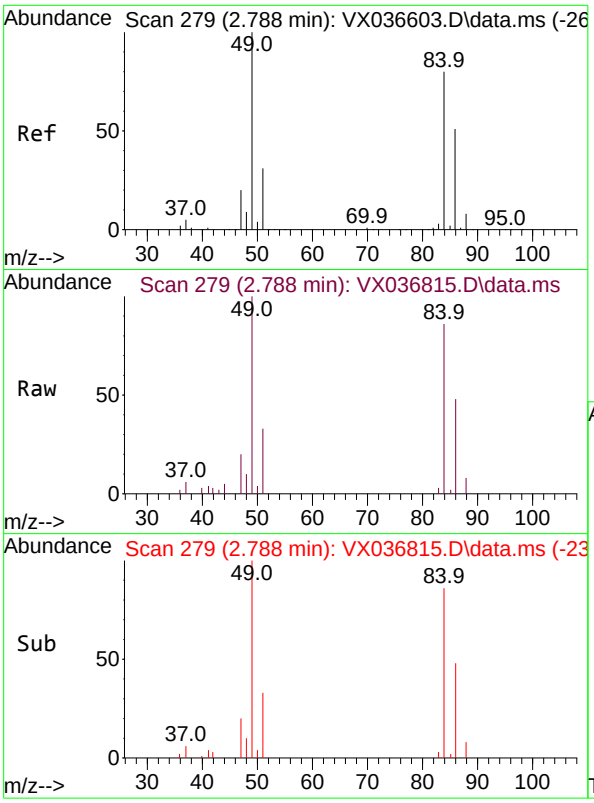


#16
Acetone
Concen: 66.560 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion: 43 Resp: 52261

Ion	Ratio	Lower	Upper
43	100		
58	32.0	21.9	32.9



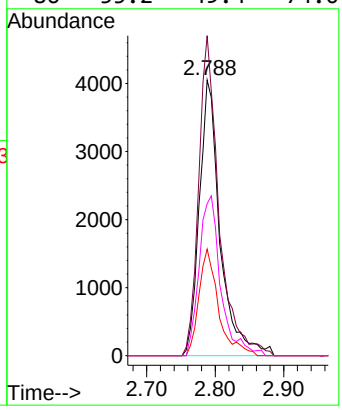


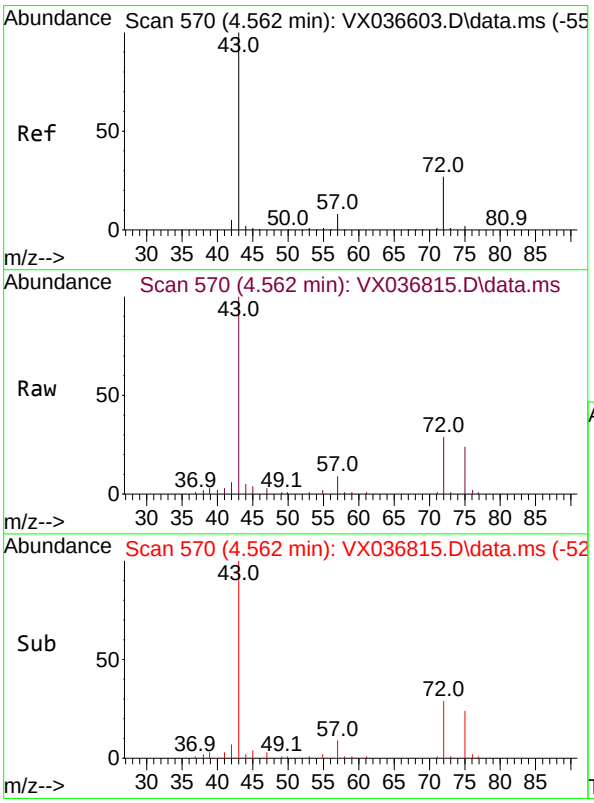
#20
Methylene Chloride
Concen: 4.880 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion: 84 Resp: 8521

Ion	Ratio	Lower	Upper
84	100		
49	116.1	103.6	155.4
51	38.7	33.8	50.6
86	55.2	49.4	74.0

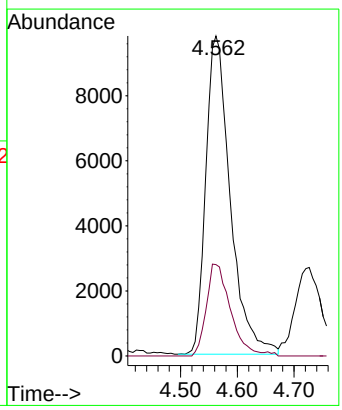


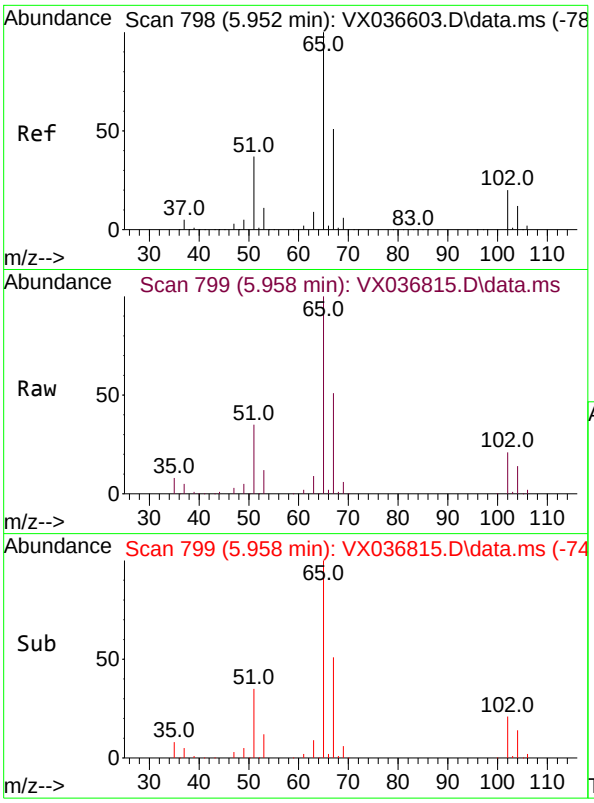


#25
2-Butanone
Concen: 23.025 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion: 43 Resp: 29331

Ion	Ratio	Lower	Upper
43	100		
72	28.7	19.4	29.2



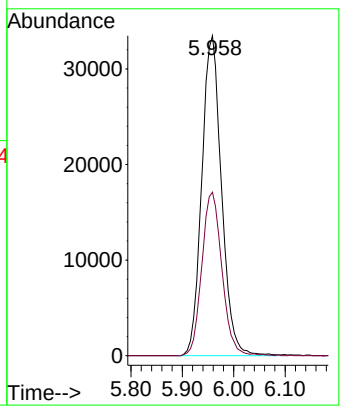


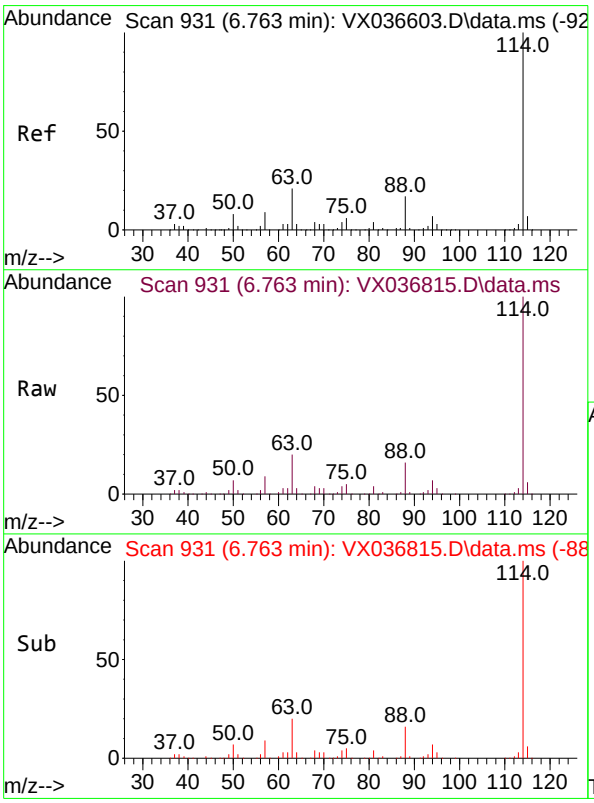
#33
1,2-Dichloroethane-d4
Concen: 47.207 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion: 65 Resp: 89323

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.2

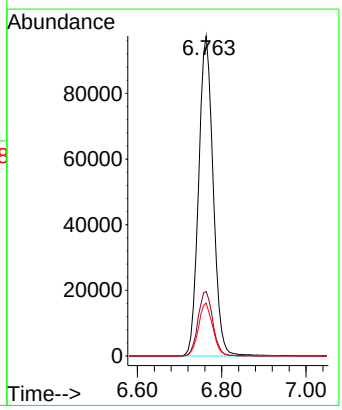


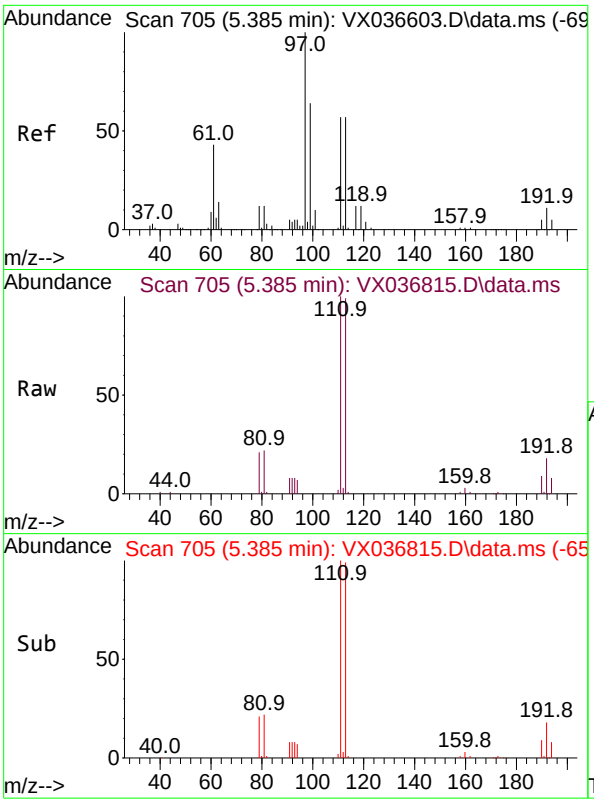


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion:114 Resp: 233955

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	45.0
88	16.5	0.0	36.6



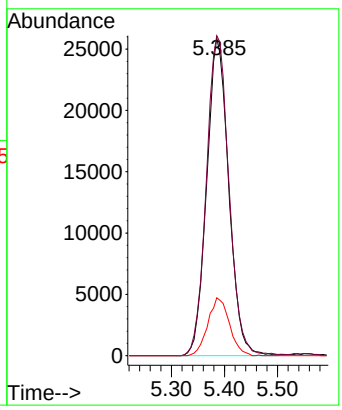


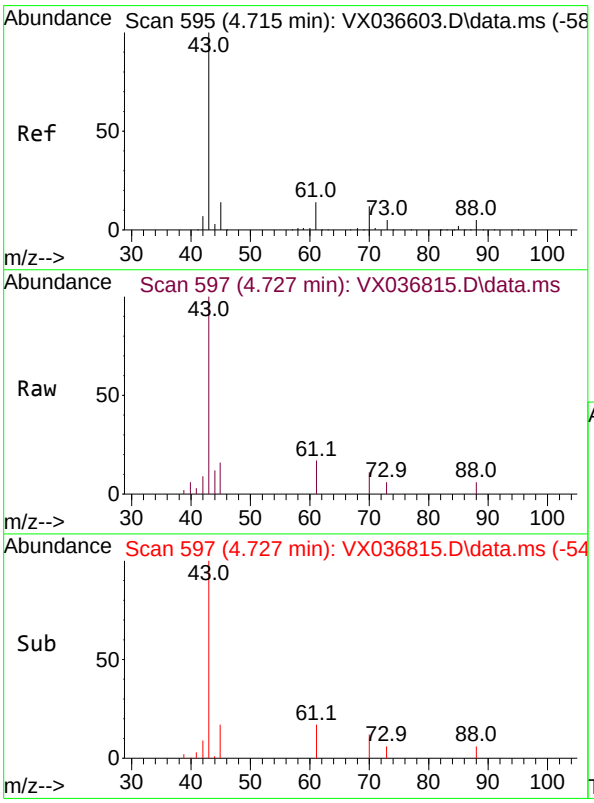
#35
Dibromofluoromethane
Concen: 46.378 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion:113 Resp: 74580

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	17.9	13.3	19.9

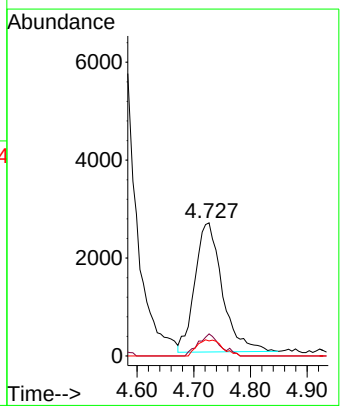


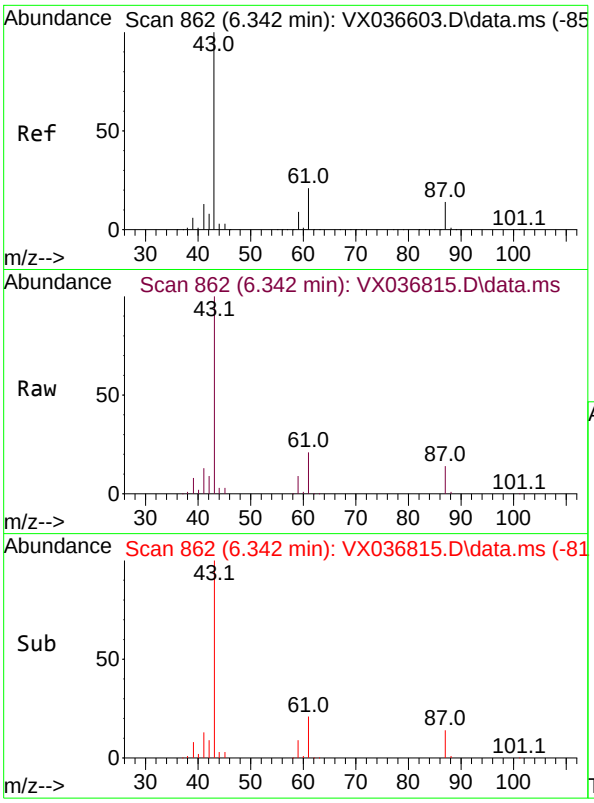


#37
Ethyl Acetate
Concen: 3.271 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion: 43 Resp: 8874

Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.4	8.3	12.5



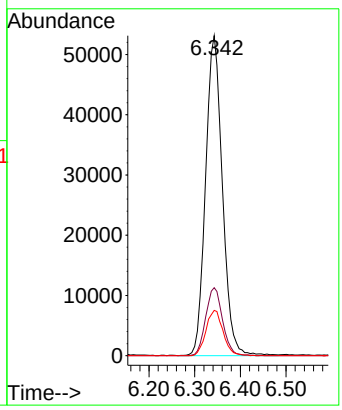


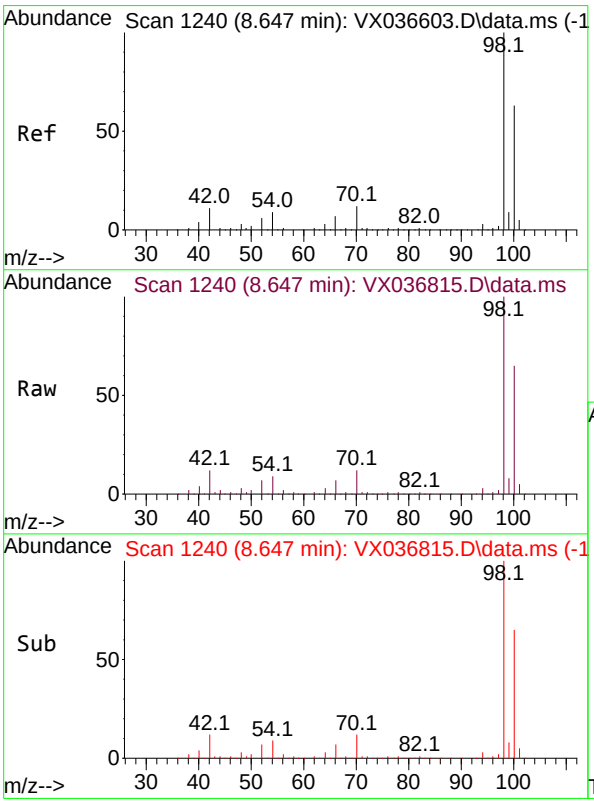
#43
Isopropyl Acetate
Concen: 29.098 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion: 43 Resp: 135882

Ion	Ratio	Lower	Upper
43	100		
61	21.2	15.2	22.8
87	14.3	9.8	14.6

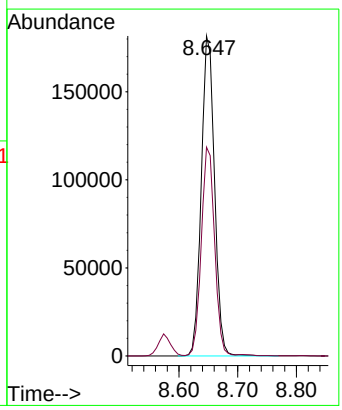


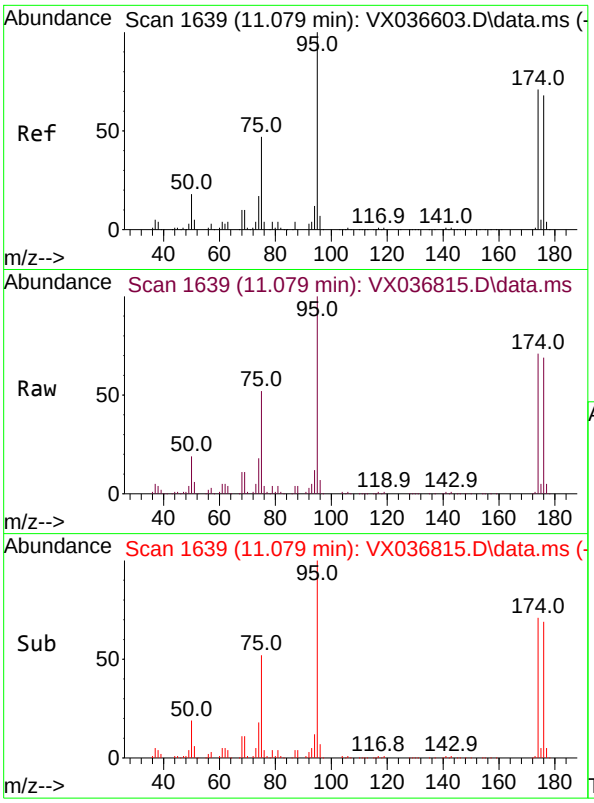


#50
Toluene-d8
Concen: 49.930 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion: 98 Resp: 284732

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7



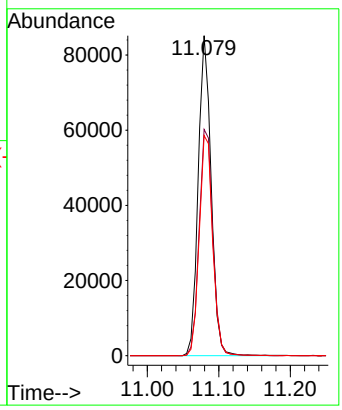


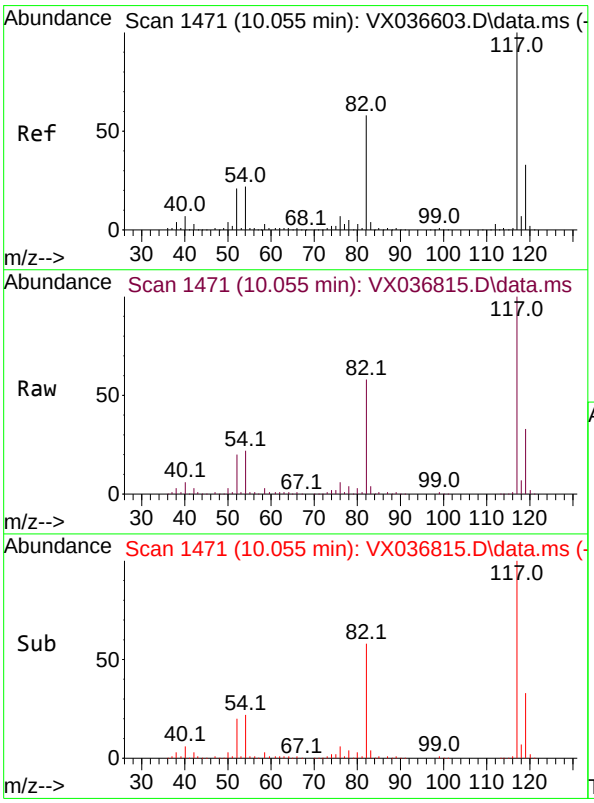
#62
4-Bromofluorobenzene
Concen: 49.654 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion: 95 Resp: 106830

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	135.6
176	71.6	0.0	131.0

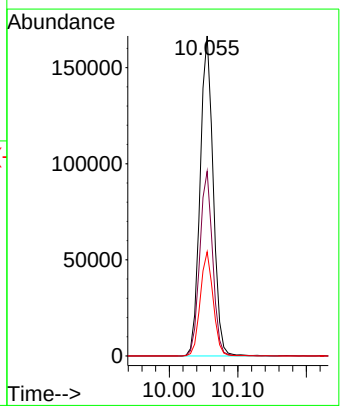


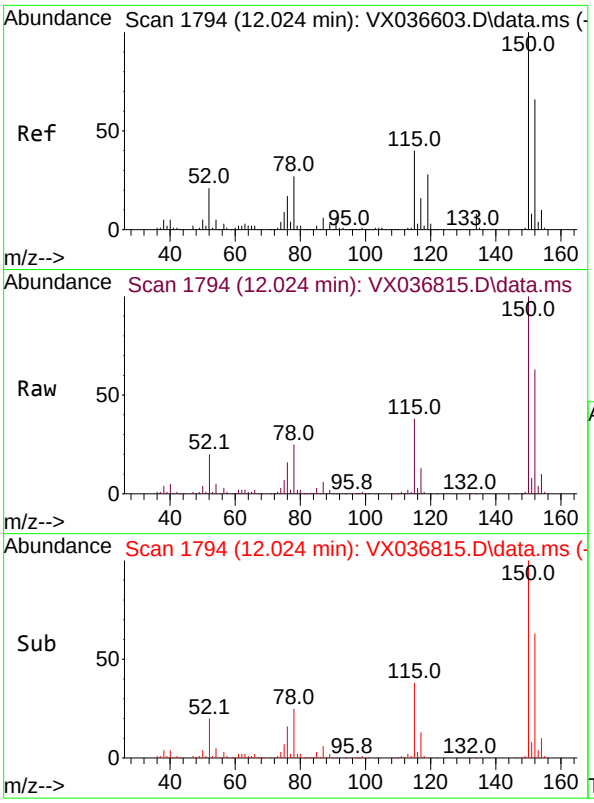


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Tgt Ion:117 Resp: 221350

Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.2	69.4
119	32.6	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036815.D
Acq: 04 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB154625TB

Tgt Ion:152 Resp: 99227

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	158.5	0.0	345.0