Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
Data File : VX042346.D
Acq On : 16 Jul 2024 16:41
Operator : JC/MD
Sample : PB162077ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Quant Time: Jul 17 05:39:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	109553	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	173286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63539	50.297	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.600%			
35) Dibromofluoromethane	5.397	113	61664	50.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.653	98	194070	44.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.860%#			
62) 4-Bromofluorobenzene	11.085	95	70609	44.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.680%			
Target Compounds						Qvalue
16) Acetone	2.392	43	18671	33.659	ug/l #	88
20) Methylene Chloride	2.794	84	14392	11.849	ug/l #	82
37) Ethyl Acetate	4.745	43	2864	1.684	ug/l #	84
43) Isopropyl Acetate	6.354	43	89130	34.140	ug/l #	92
95) Naphthalene	13.780	128	1912	1.070	ug/l #	90

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

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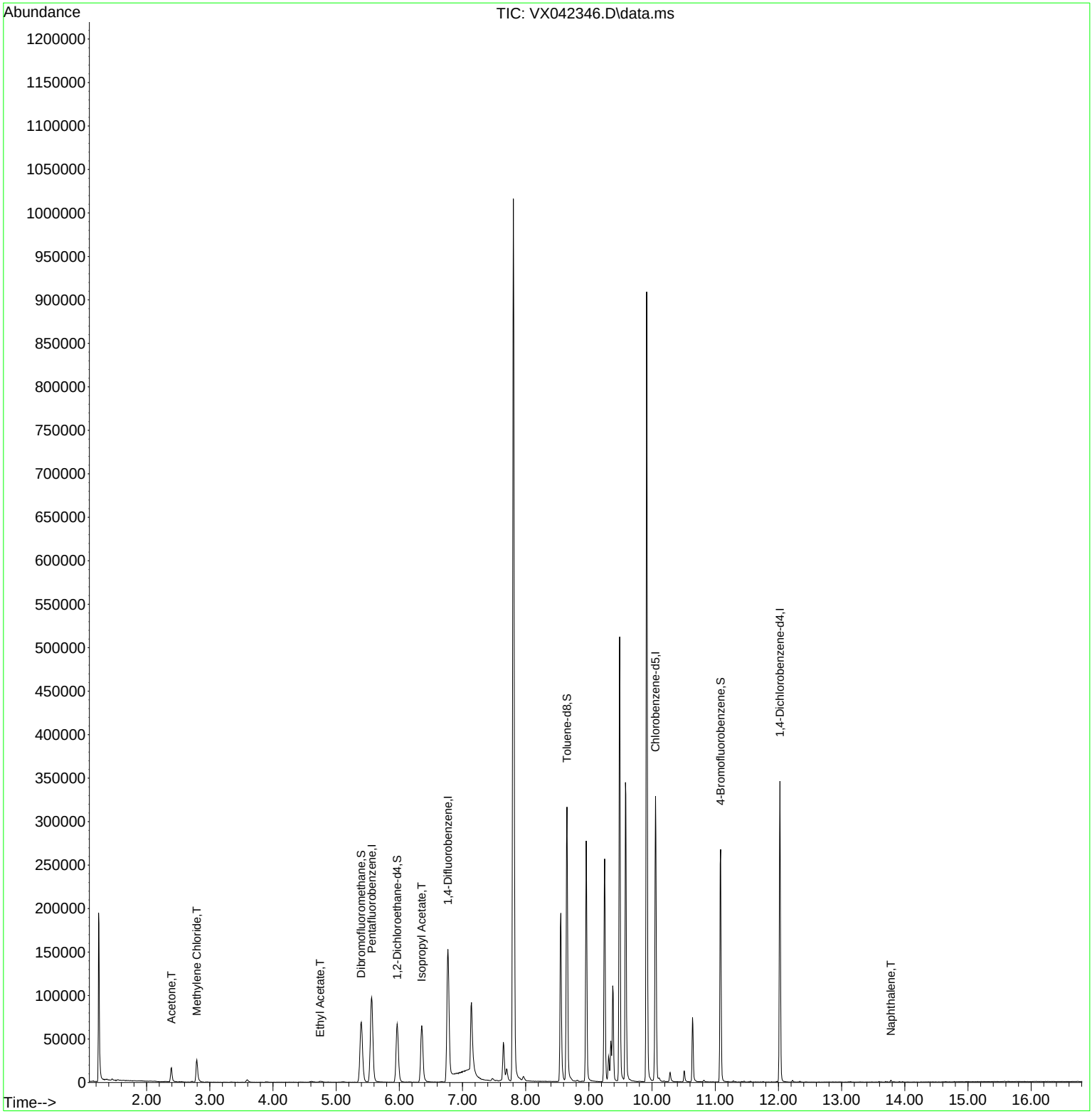
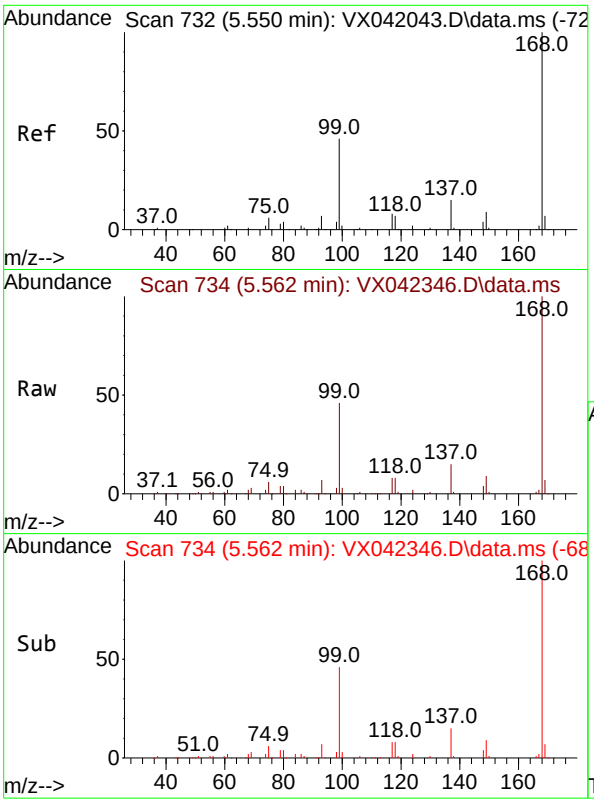


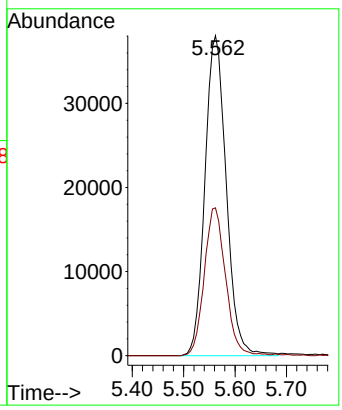


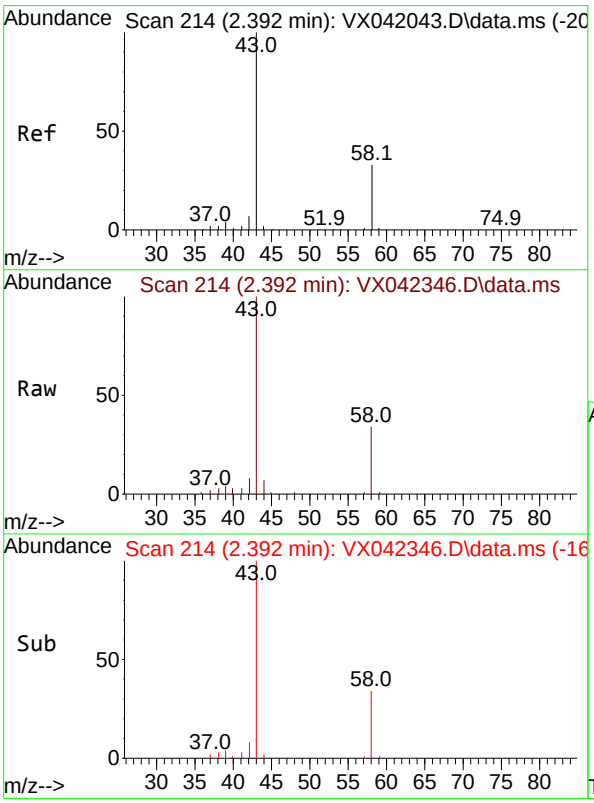
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion:168 Resp: 109553

Ion	Ratio	Lower	Upper
168	100		
99	46.2	56.6	85.0#

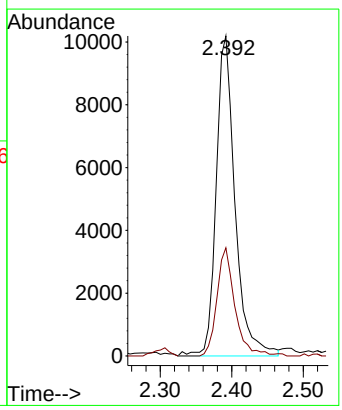


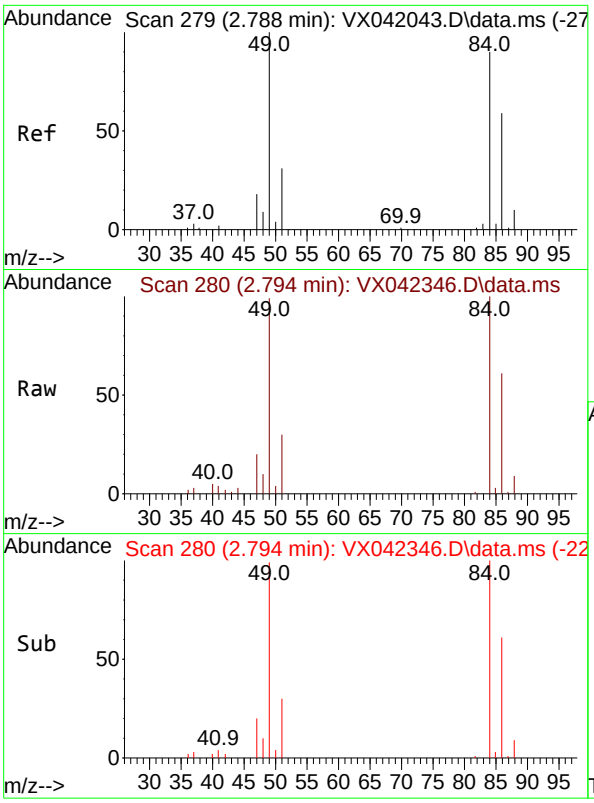


#16
Acetone
Concen: 33.659 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion: 43 Resp: 18671

Ion	Ratio	Lower	Upper
43	100		
58	33.8	21.9	32.9#



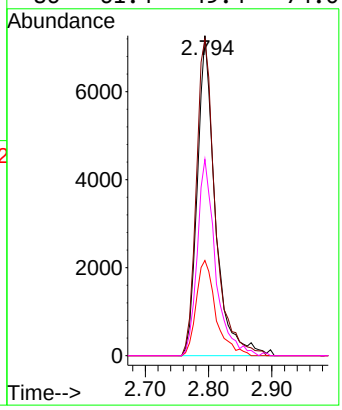


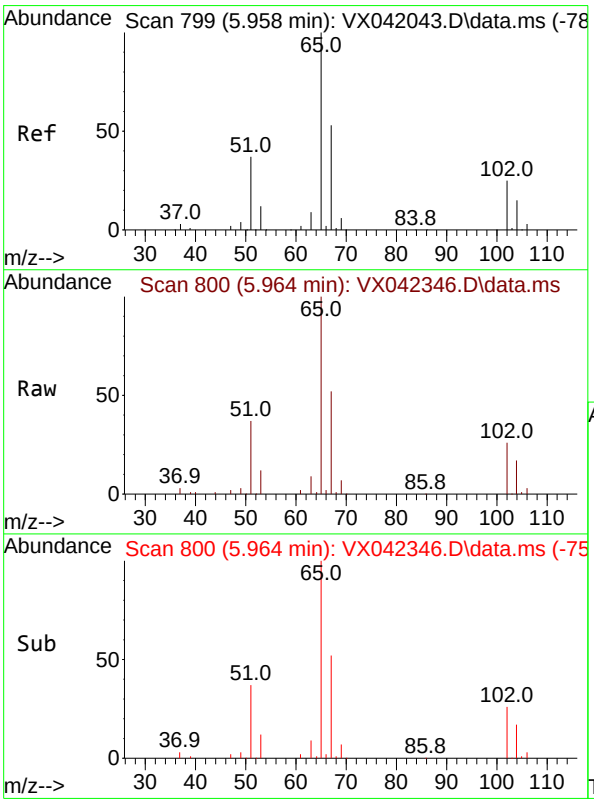
#20
Methylene Chloride
Concen: 11.849 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion: 84 Resp: 14392

Ion	Ratio	Lower	Upper
84	100		
49	98.9	103.6	155.4#
51	29.7	33.8	50.6#
86	61.4	49.4	74.0

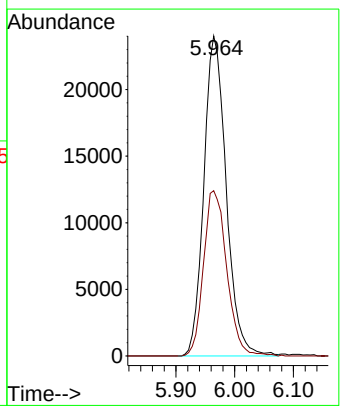


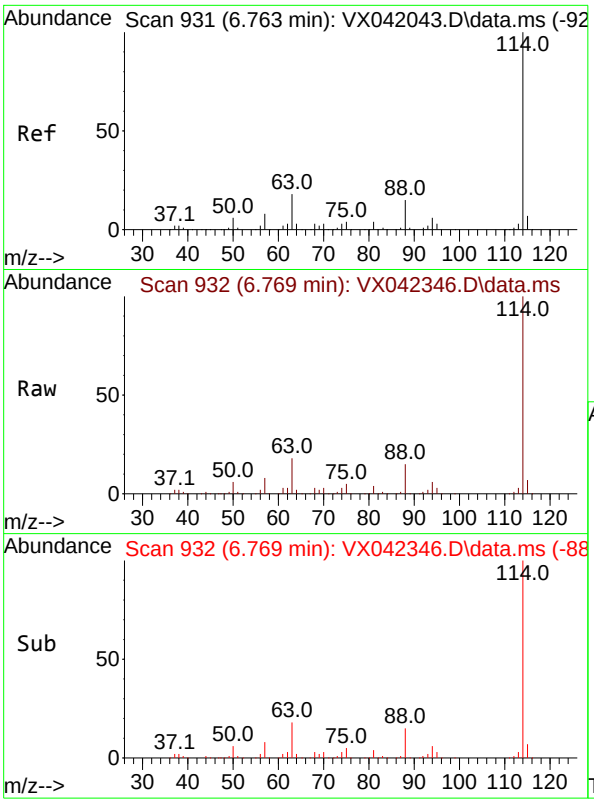


#33
1,2-Dichloroethane-d4
Concen: 50.297 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion: 65 Resp: 63539

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	100.2



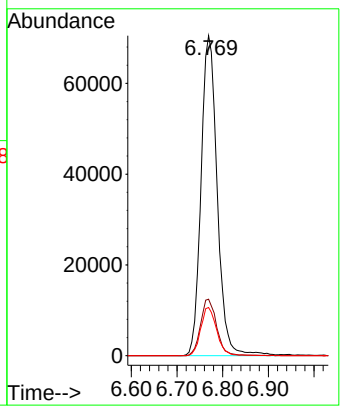


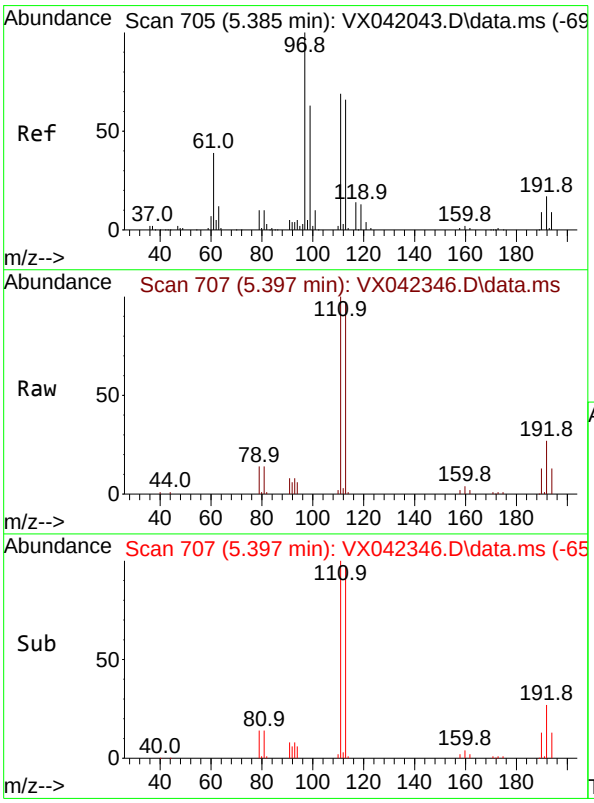
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion:114 Resp: 173286

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	45.0
88	15.0	0.0	36.6

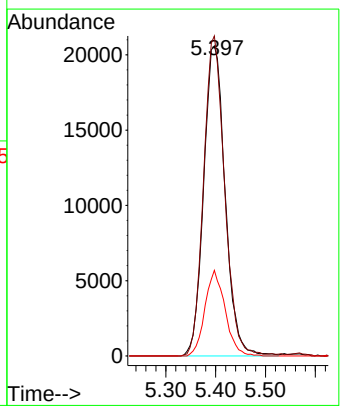


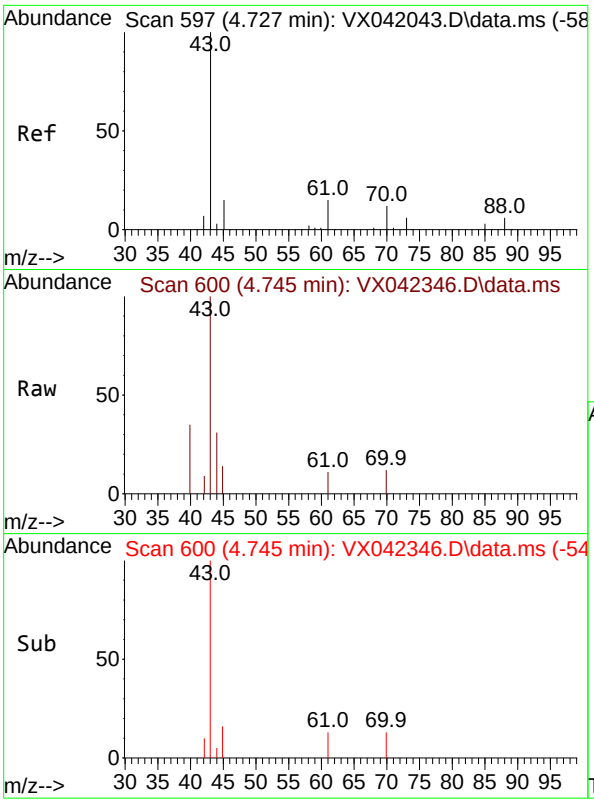


#35
Dibromofluoromethane
Concen: 50.152 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion:113 Resp: 61664

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.9	124.3
192	25.9	13.3	19.9#



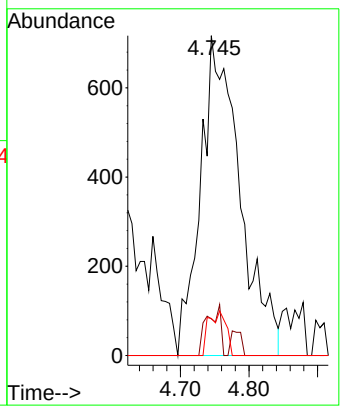


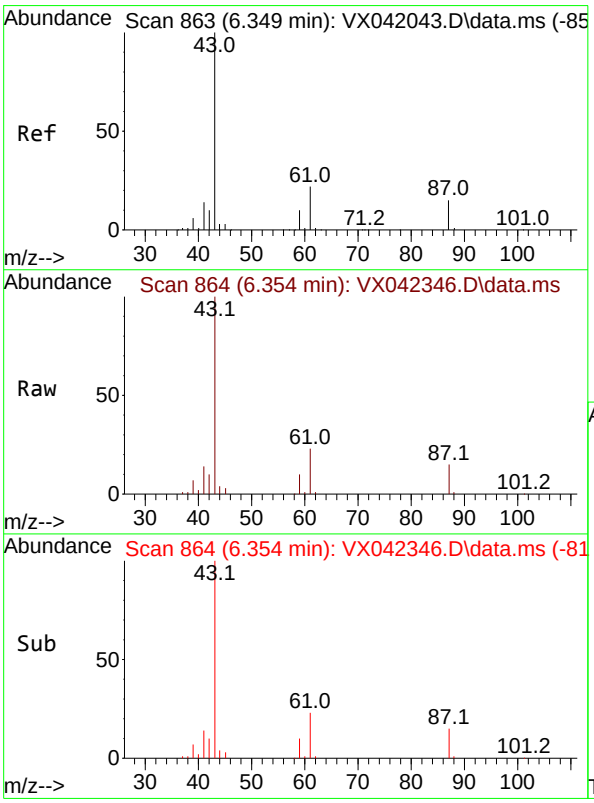
#37
Ethyl Acetate
Concen: 1.684 ug/l
RT: 4.745 min Scan# 6
Delta R.T. 0.018 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion: 43 Resp: 2864

Ion	Ratio	Lower	Upper
43	100		
61	5.5	10.6	16.0#
70	6.1	8.3	12.5#

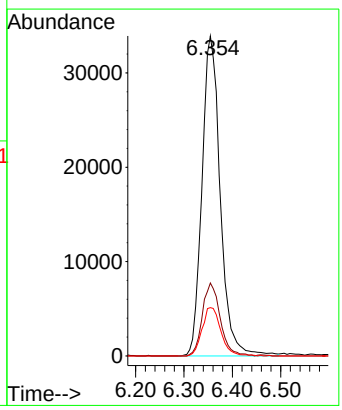


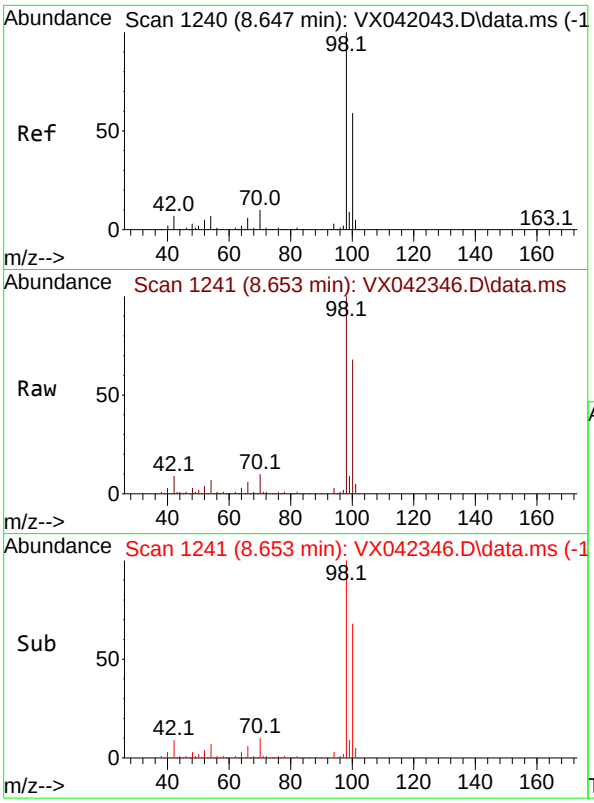


#43
Isopropyl Acetate
Concen: 34.140 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion: 43 Resp: 89130

Ion	Ratio	Lower	Upper
43	100		
61	22.3	15.2	22.8
87	15.6	9.8	14.6#



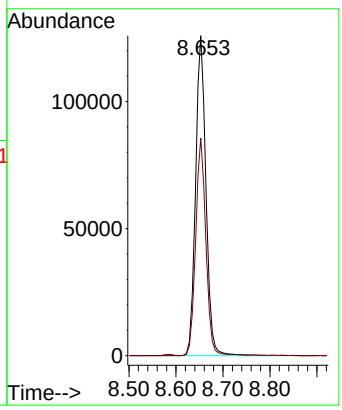


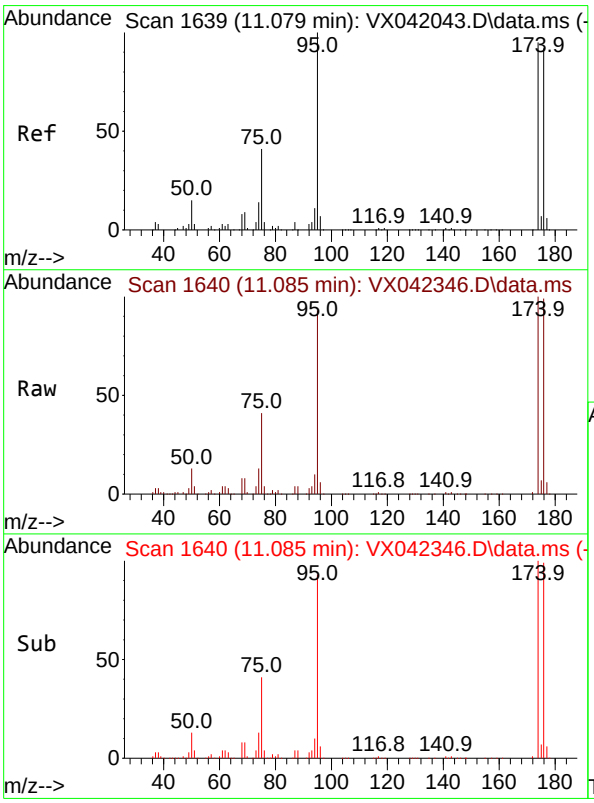
#50
Toluene-d8
Concen: 44.929 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion: 98 Resp: 194070

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.1	79.7

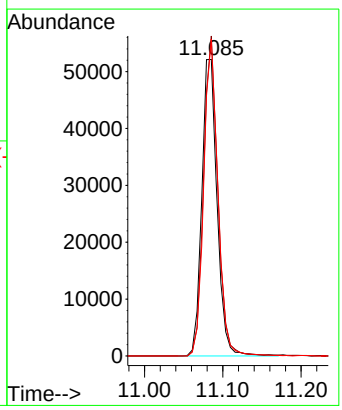


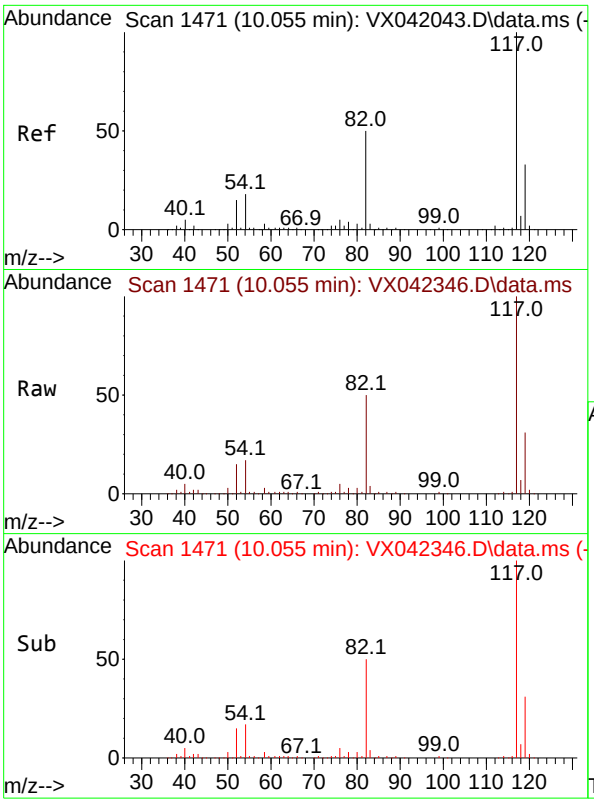


#62
4-Bromofluorobenzene
Concen: 44.345 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion: 95 Resp: 70609

Ion	Ratio	Lower	Upper
95	100		
174	100.6	0.0	135.6
176	99.1	0.0	131.0



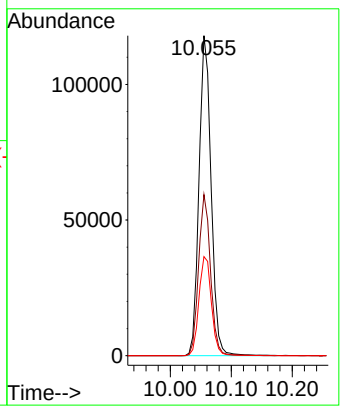


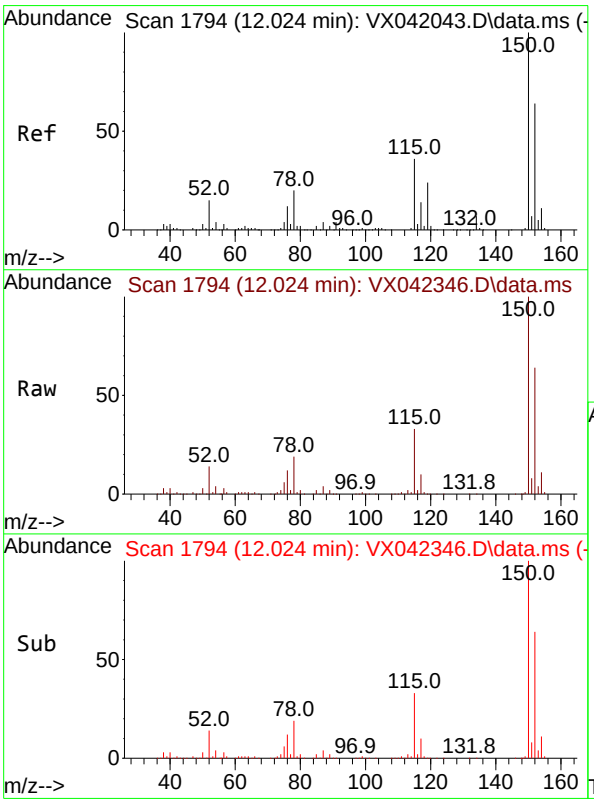
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion:117 Resp: 162059

Ion	Ratio	Lower	Upper
117	100		
82	50.3	46.2	69.4
119	31.0	25.5	38.3

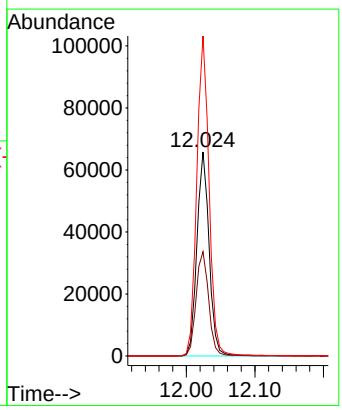


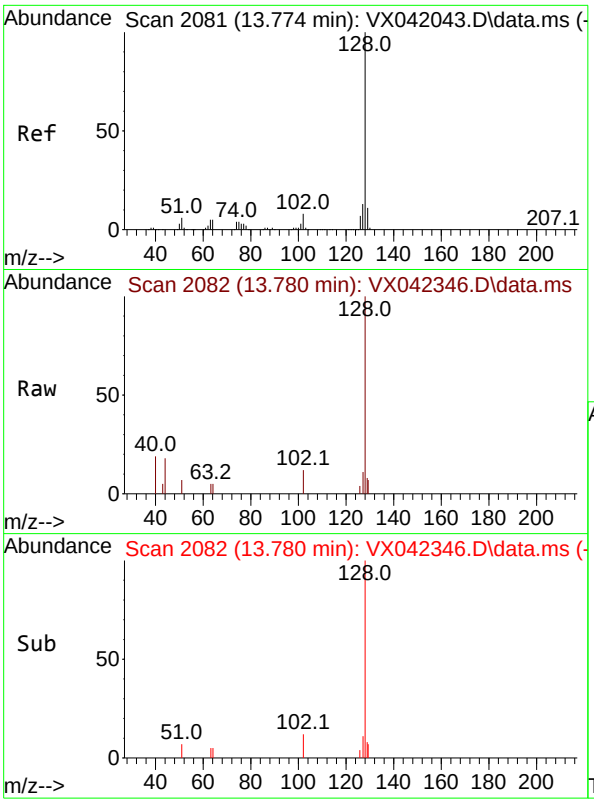


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Tgt Ion:152 Resp: 81556

Ion	Ratio	Lower	Upper
152	100		
115	52.8	43.3	129.9
150	158.3	0.0	345.0





#95
Naphthalene
Concen: 1.070 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX042346.D
Acq: 16 Jul 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#03

Tgt Ion:128 Resp: 1912

Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.3	15.5#
129	8.1	8.8	13.2#