Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
Data File : VX039543.D
Acq On : 29 Dec 2023 14:22
Operator : JC/MD
Sample : 06031-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Quant Time: Dec 30 02:00:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	83991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72994	47.440	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.880%			
35) Dibromofluoromethane	5.385	113	57304	46.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.800%			
50) Toluene-d8	8.647	98	230614	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.680%			
62) 4-Bromofluorobenzene	11.079	95	93737	50.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.160%			
Target Compounds						Qvalue
16) Acetone	2.386	43	48092	33.486	ug/l	94
20) Methylene Chloride	2.788	84	6416	5.002	ug/l	94
25) 2-Butanone	4.581	43	10814	8.145	ug/l #	87
29) Tetrahydrofuran	5.026	42	5568	7.594	ug/l	93
43) Isopropyl Acetate	6.342	43	94043	24.276	ug/l	100

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

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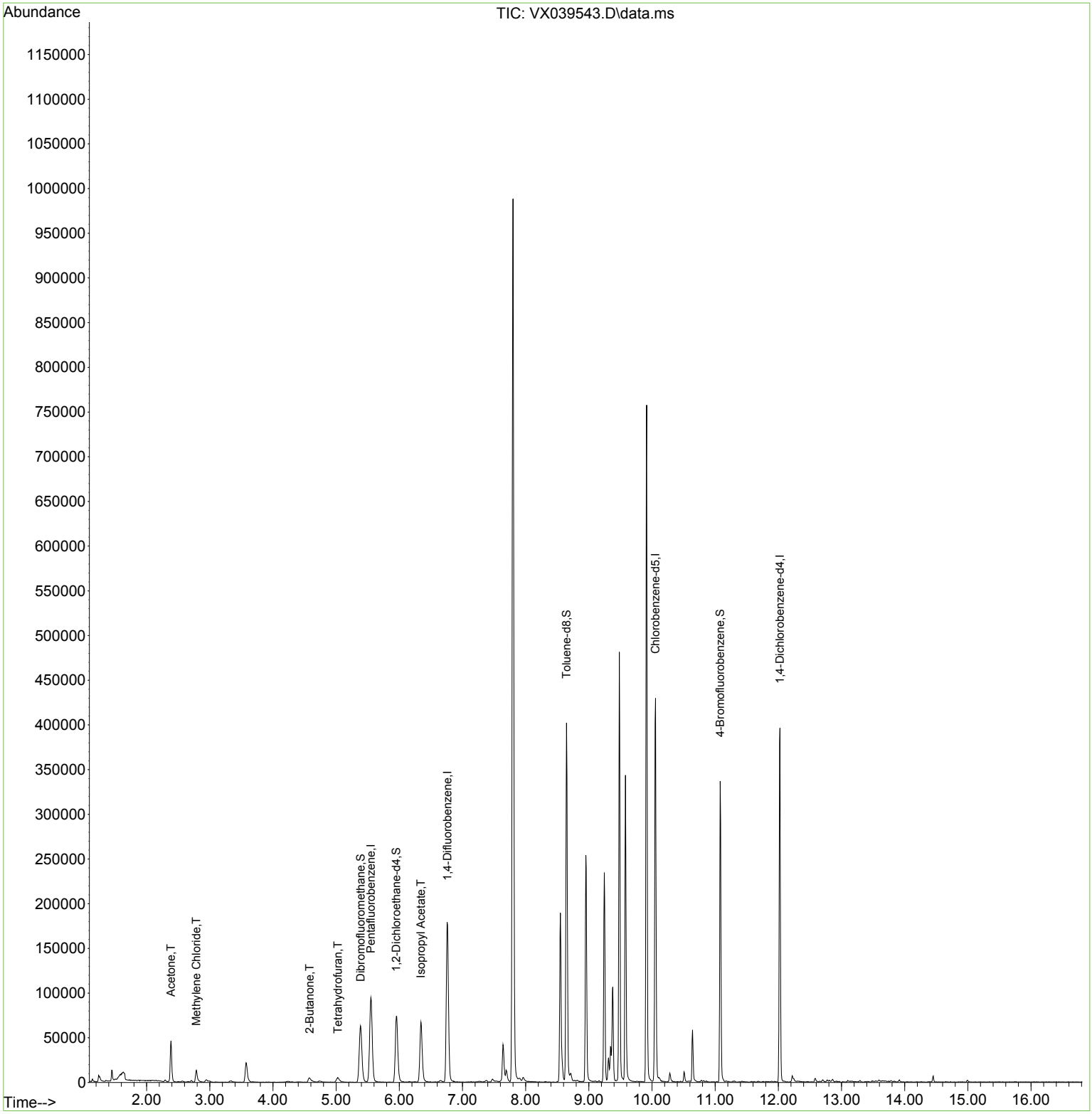
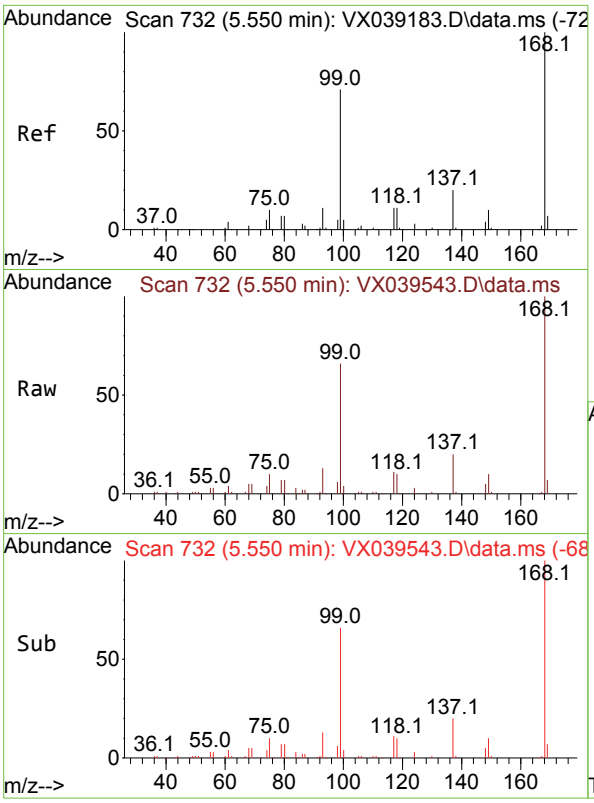


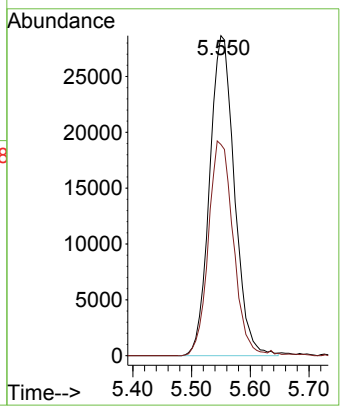


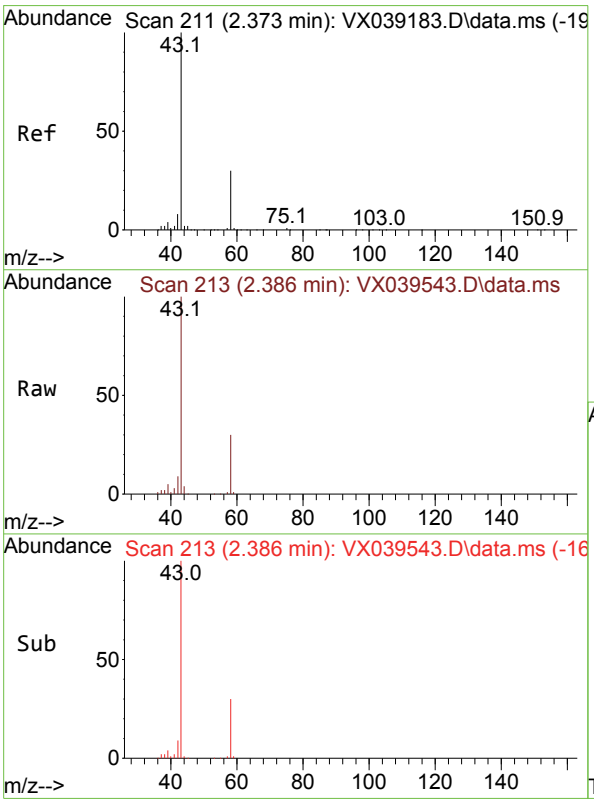
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion:168 Resp: 83991

Ion	Ratio	Lower	Upper
168	100		
99	66.0	56.6	85.0

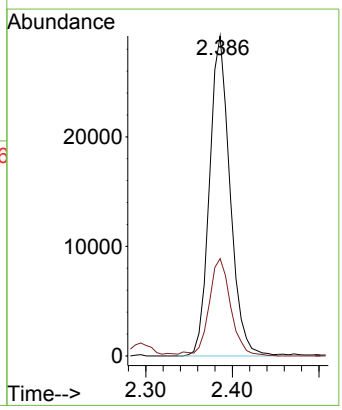


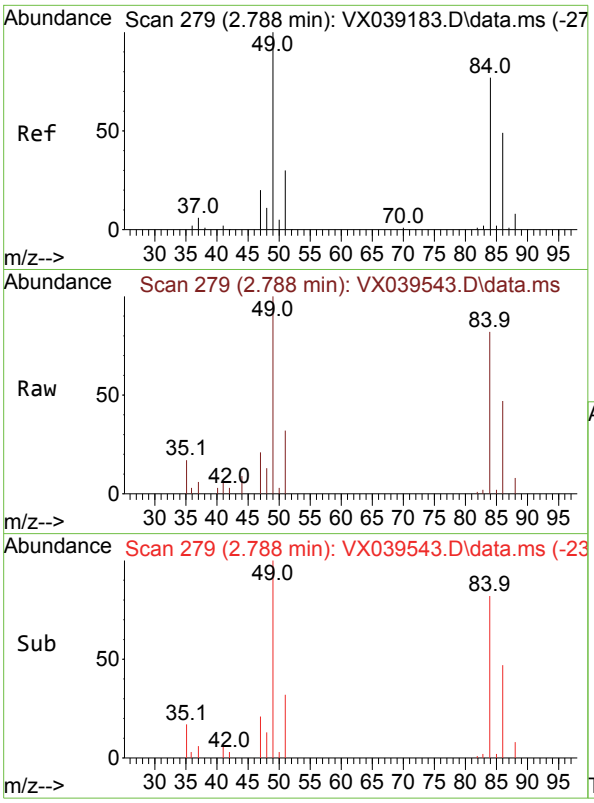


#16
Acetone
Concen: 33.486 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion: 43 Resp: 48092

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.9	32.9



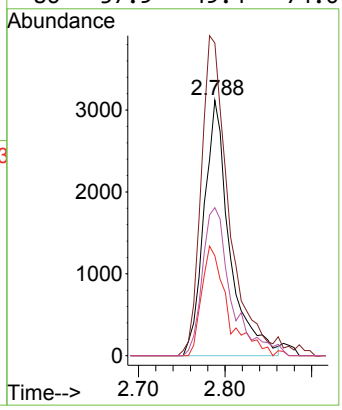


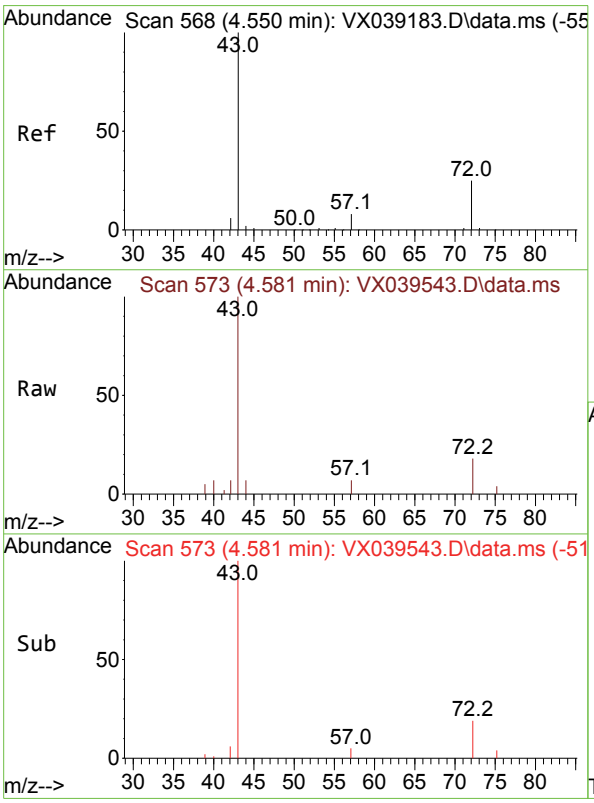
#20
Methylene Chloride
Concen: 5.002 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion: 84 Resp: 6416

Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.6	155.4
51	39.1	33.8	50.6
86	57.9	49.4	74.0

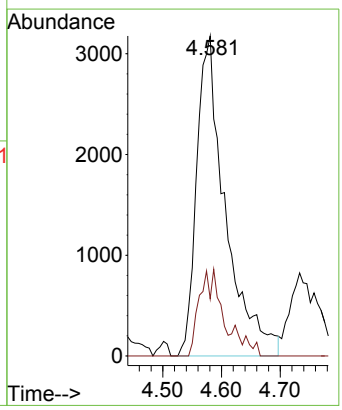


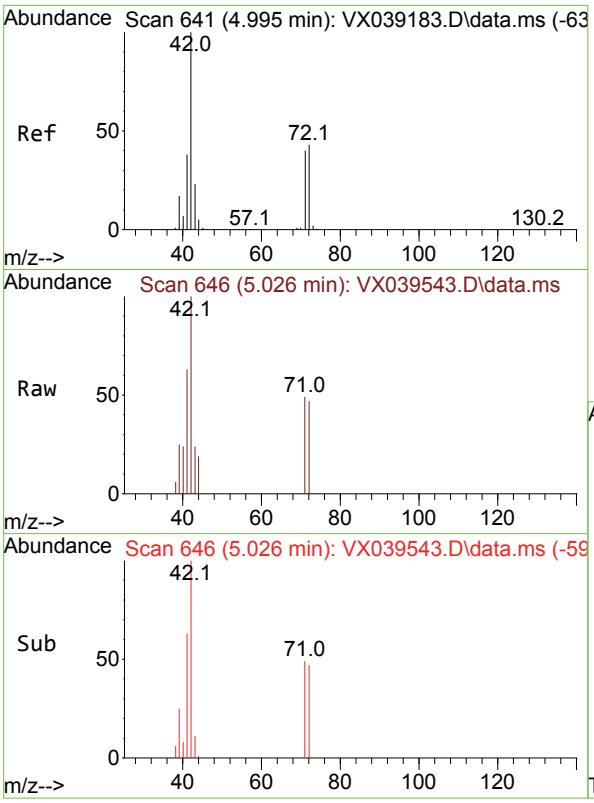


#25
2-Butanone
Concen: 8.145 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion: 43 Resp: 10814

Ion	Ratio	Lower	Upper
43	100		
72	17.9	19.4	29.2#



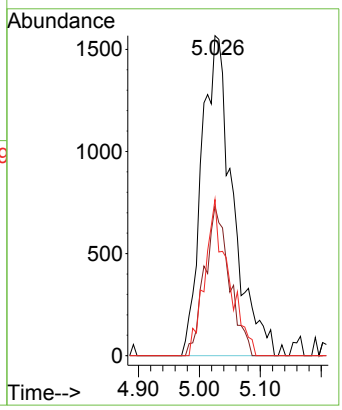


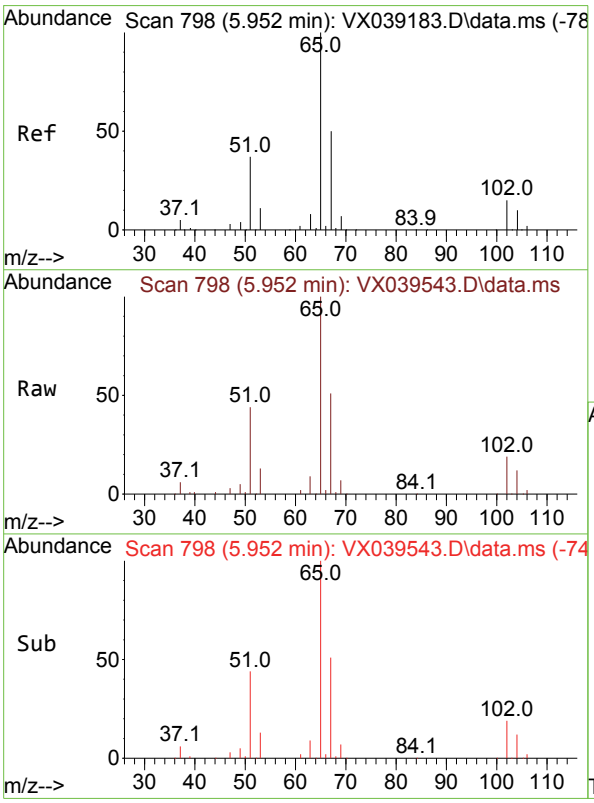
#29
Tetrahydrofuran
Concen: 7.594 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion: 42 Resp: 5568

Ion	Ratio	Lower	Upper
42	100		
72	37.1	34.2	51.4
71	37.1	32.2	48.2

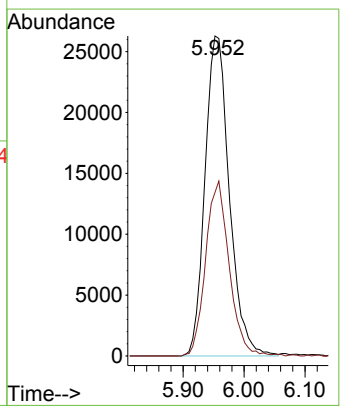


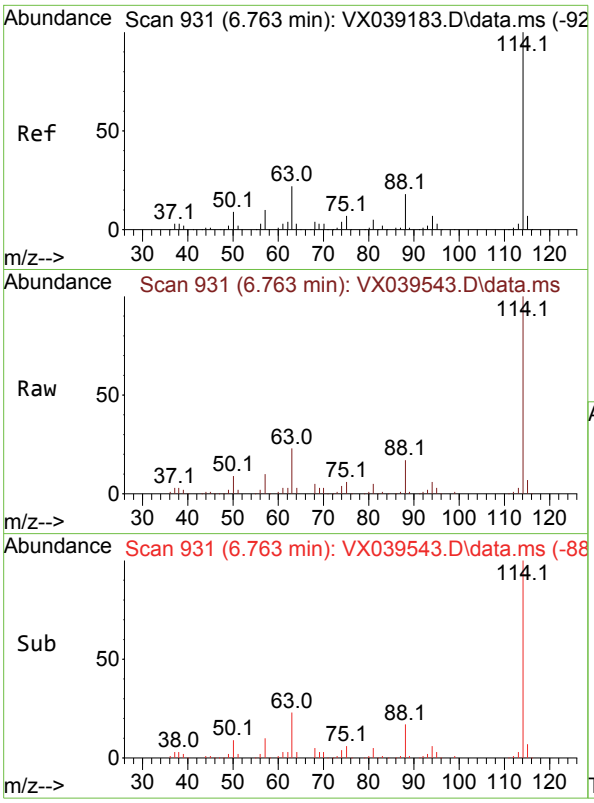


#33
1,2-Dichloroethane-d4
Concen: 47.440 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion: 65 Resp: 72994

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.2



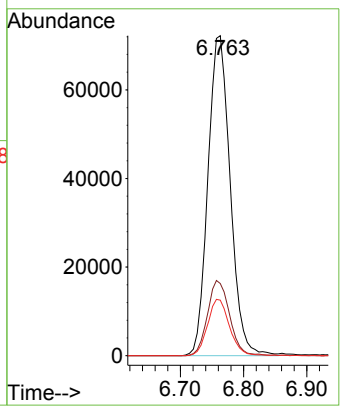


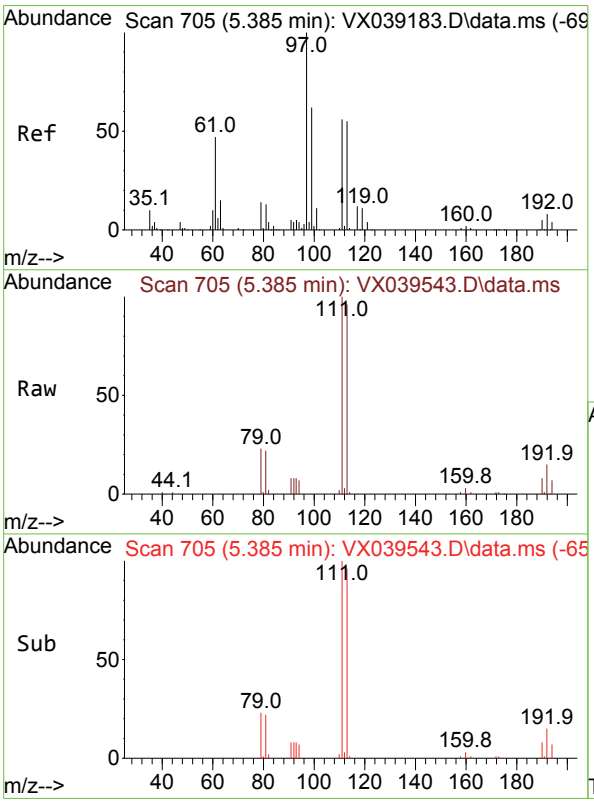
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion:114 Resp: 176875

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	17.3	0.0	36.6

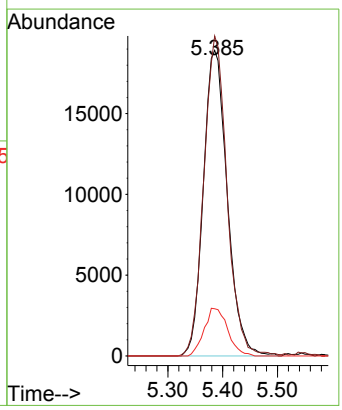


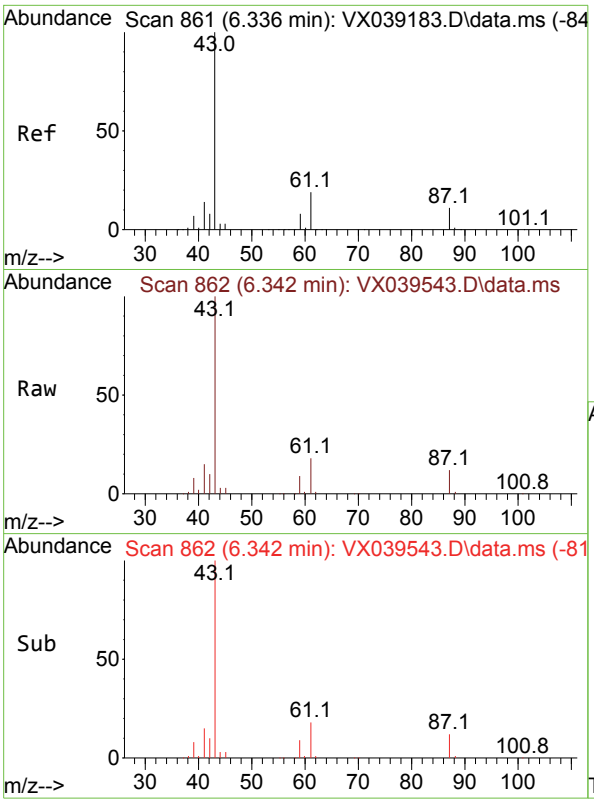


#35
Dibromofluoromethane
Concen: 46.896 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion:113 Resp: 57304

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	15.4	13.3	19.9



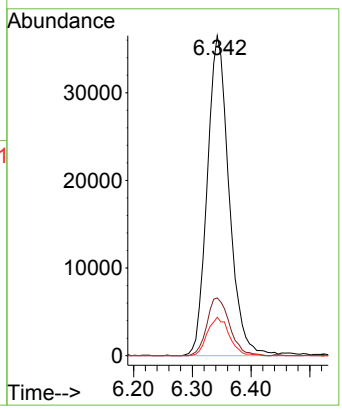


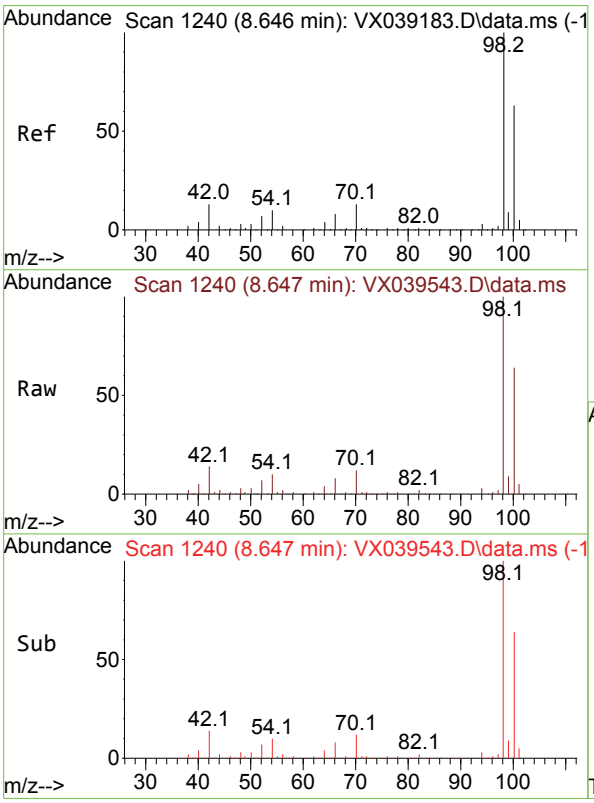
#43
Isopropyl Acetate
Concen: 24.276 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion: 43 Resp: 94043

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.0	9.8	14.6

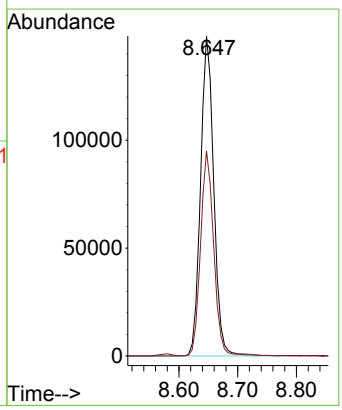


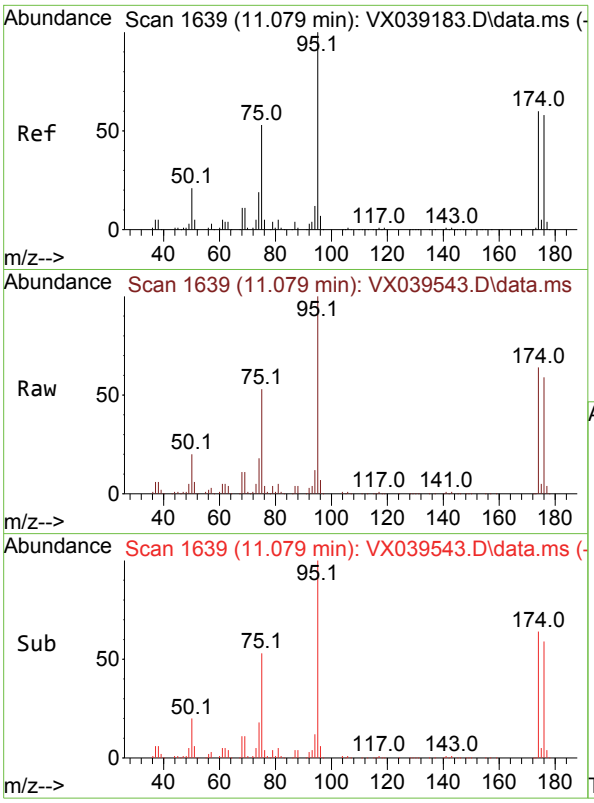


#50
Toluene-d8
Concen: 50.835 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion: 98 Resp: 230614

Ion	Ratio	Lower	Upper
98	100		
100	63.0	53.1	79.7



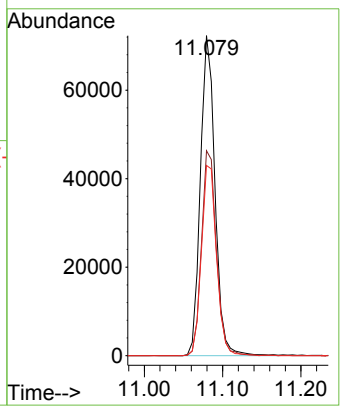


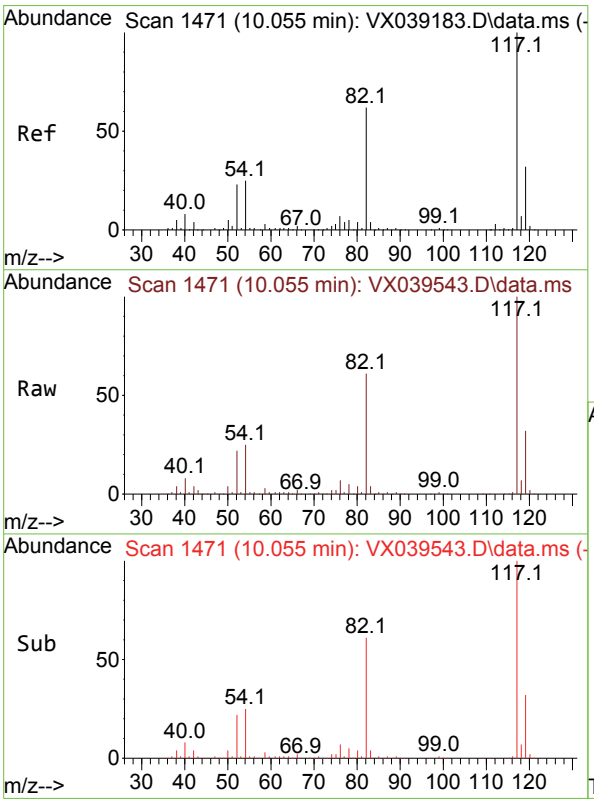
#62
4-Bromofluorobenzene
Concen: 50.080 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion: 95 Resp: 93737

Ion	Ratio	Lower	Upper
95	100		
174	65.1	0.0	135.6
176	61.4	0.0	131.0

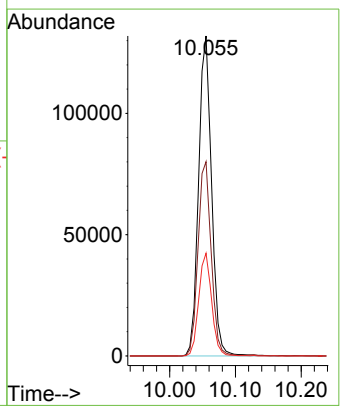


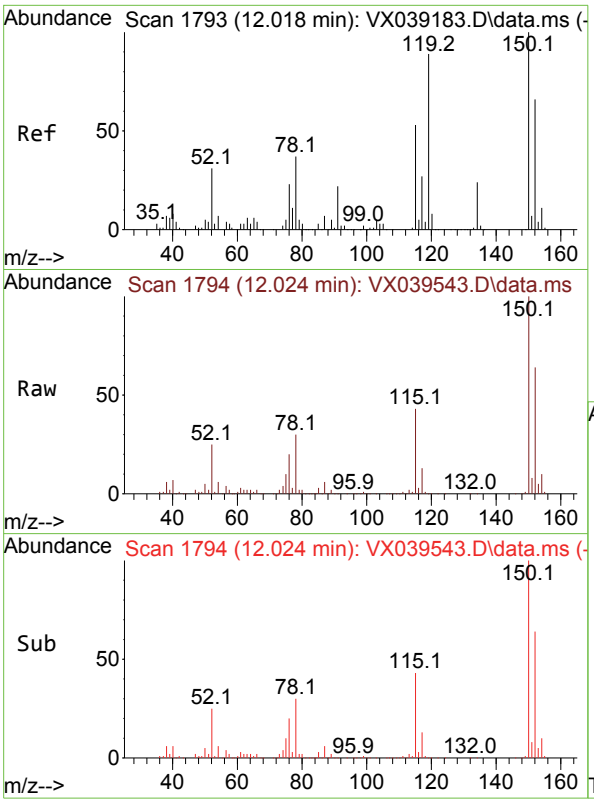


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Tgt Ion:117 Resp: 181039

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.2	69.4
119	32.1	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX039543.D
Acq: 29 Dec 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
MR-321-10-12

Tgt Ion:152 Resp: 76787

Ion	Ratio	Lower	Upper
152	100		
115	65.7	43.3	129.9
150	155.0	0.0	345.0