Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035332.D
Acq On : 27 Apr 2023 11:42
Operator : JC/MD
Sample : 02445-01ME
Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Quant Time: Apr 27 16:24:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	249568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	409469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145287	48.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.500%			
35) Dibromofluoromethane	5.385	113	114510	45.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.120%			
50) Toluene-d8	8.647	98	483551	51.004	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.085	95	170768	47.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.760%			
Target Compounds						Qvalue
16) Acetone	2.410	43	3540	2.707	ug/l #	80
20) Methylene Chloride	2.782	84	4361	1.454	ug/l #	82
52) Toluene	8.720	92	6474	0.907	ug/l	98
64) Tetrachloroethene	9.281	164	668	0.238	ug/l #	53
68) m/p-Xylenes	10.311	106	2056	0.391	ug/l	99

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

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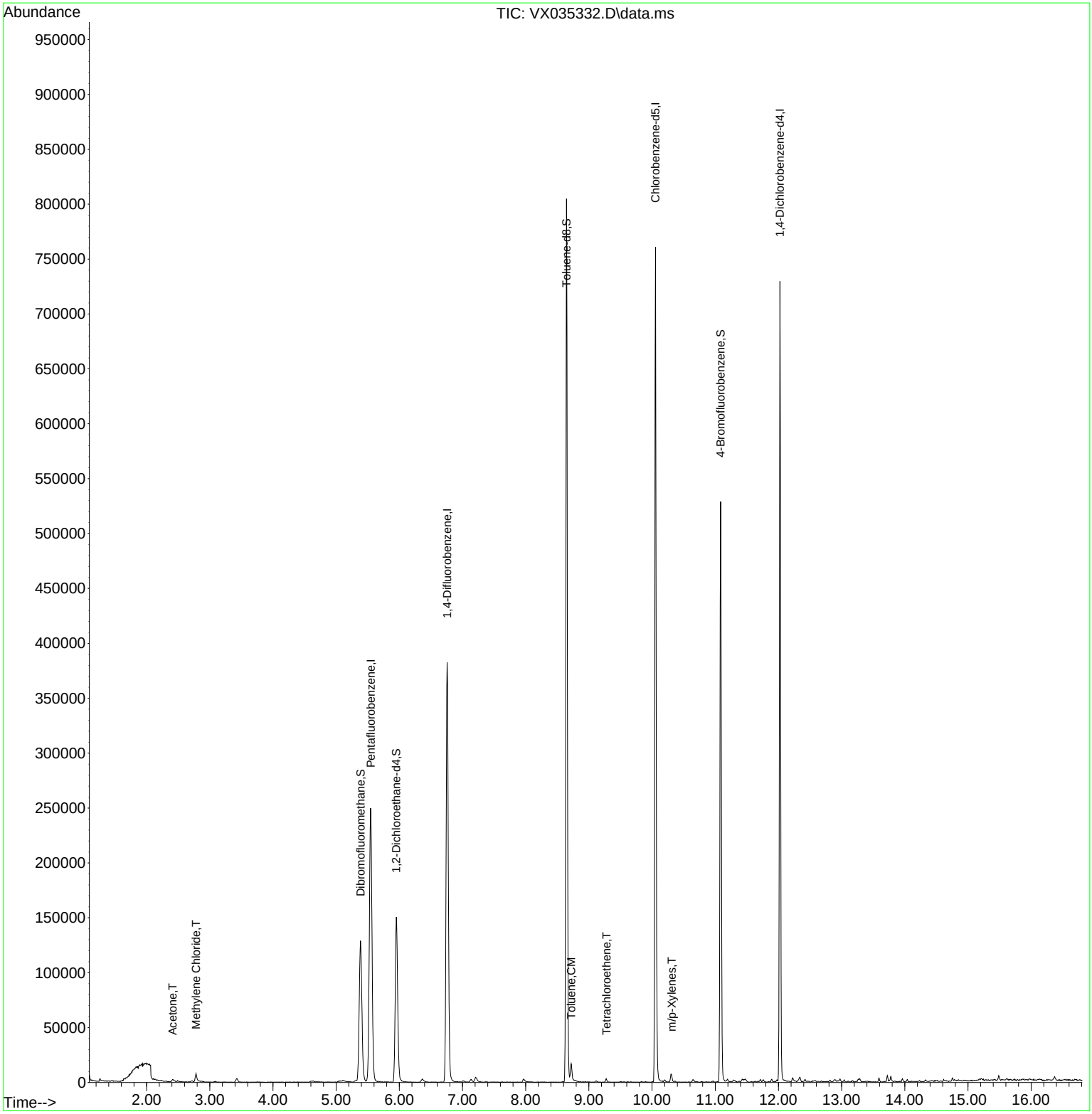
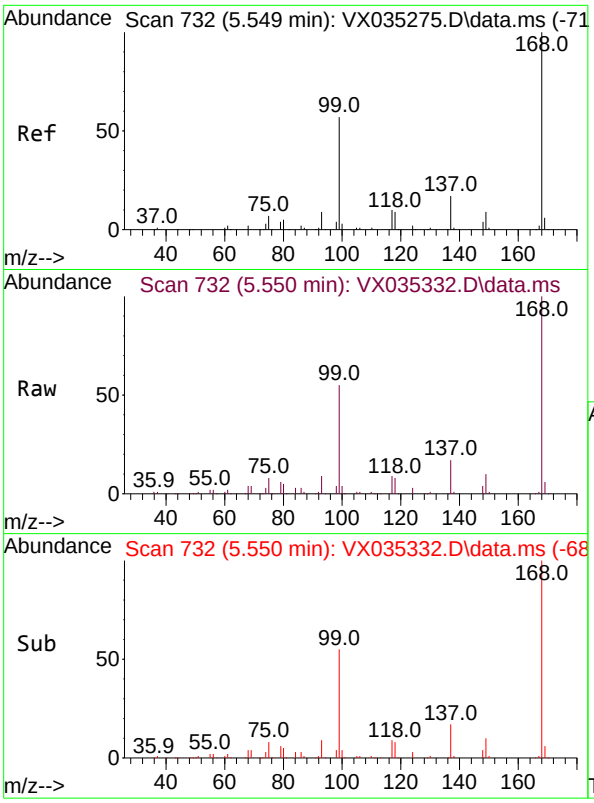


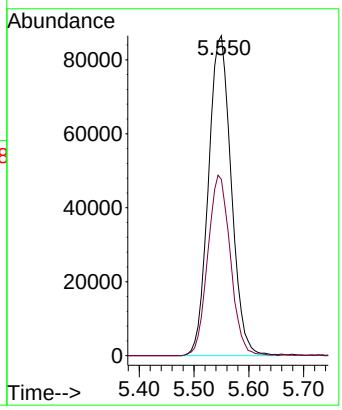


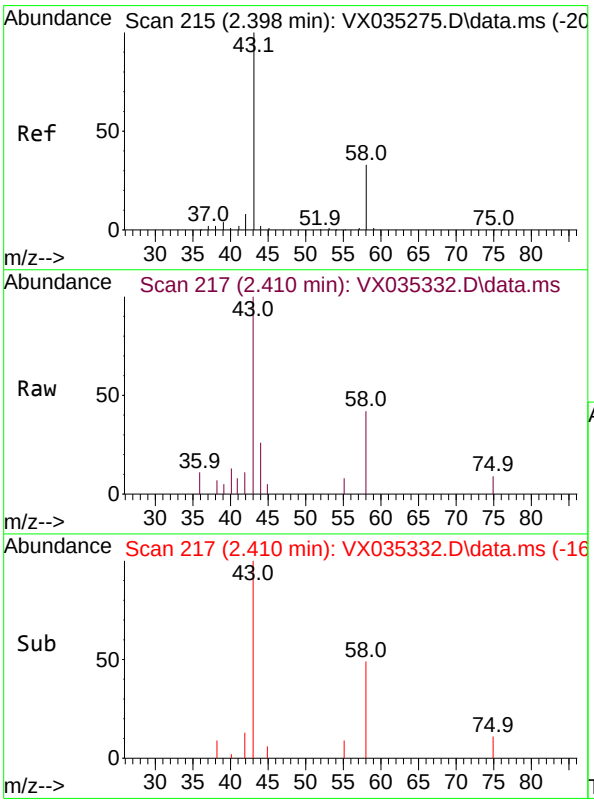
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion:168 Resp: 249568

Ion	Ratio	Lower	Upper
168	100		
99	55.1	45.7	68.5

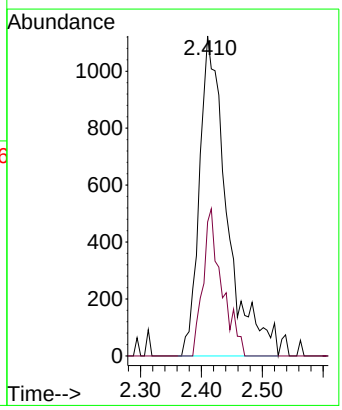


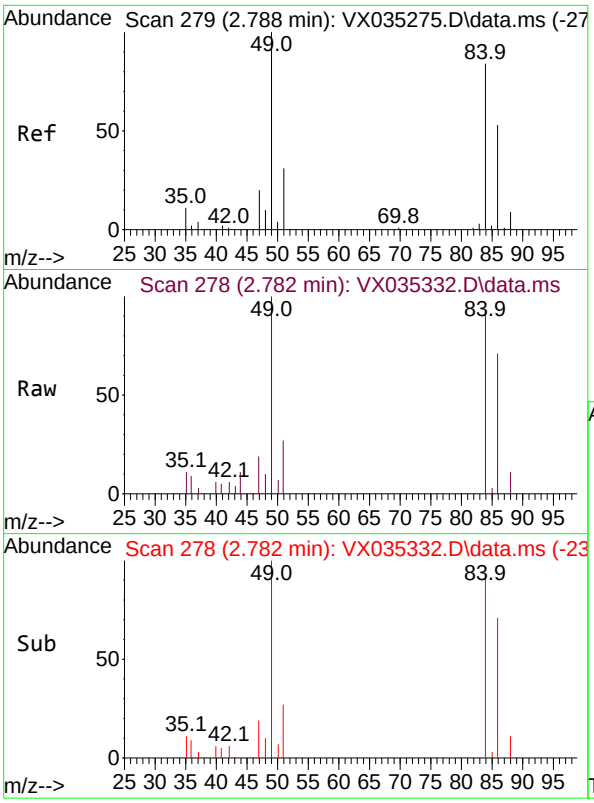


#16
Acetone
Concen: 2.707 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 43 Resp: 3540

Ion	Ratio	Lower	Upper
43	100		
58	41.9	24.7	37.1#



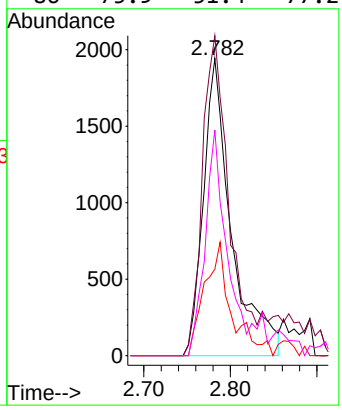


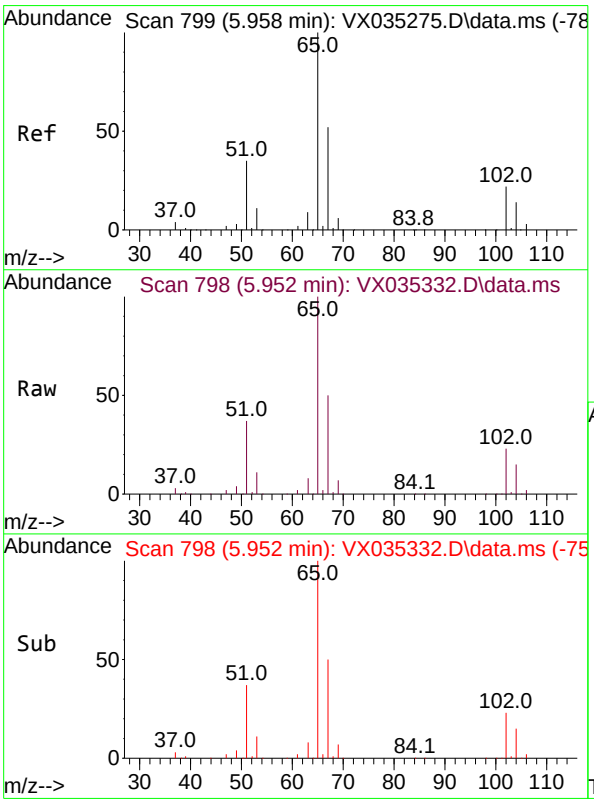
#20
Methylene Chloride
Concen: 1.454 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion: 84 Resp: 4361

Ion	Ratio	Lower	Upper
84	100		
49	107.7	103.8	155.8
51	29.1	31.8	47.8#
86	75.9	51.4	77.2

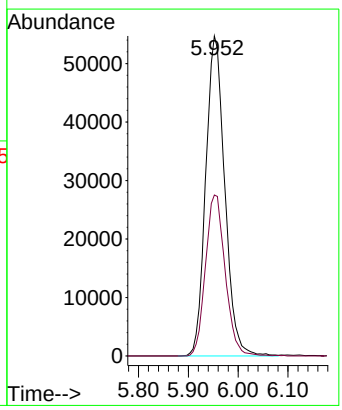


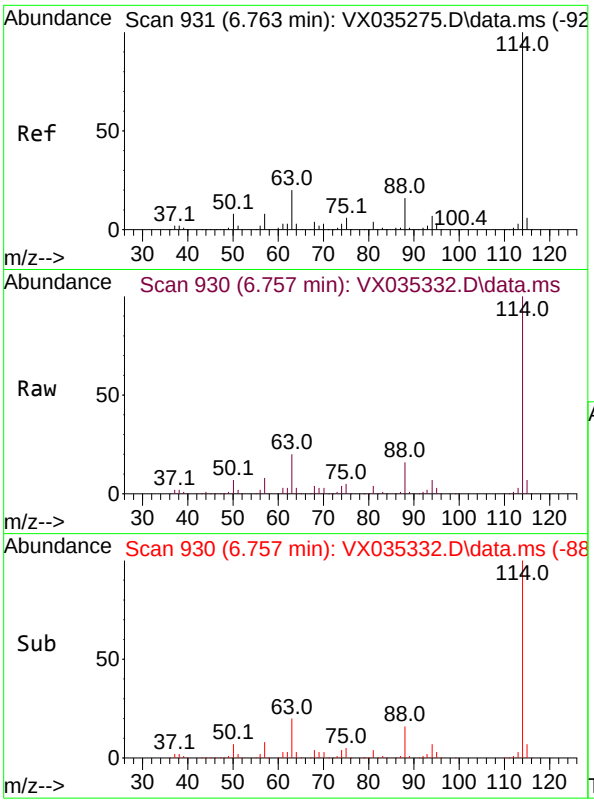


#33
1,2-Dichloroethane-d4
Concen: 48.254 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 65 Resp: 145287

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.0



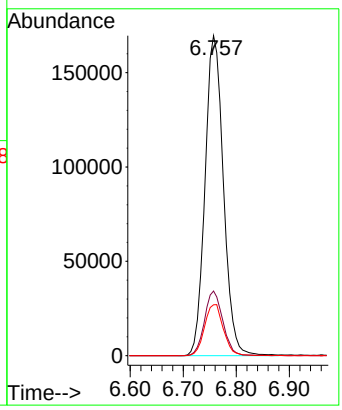


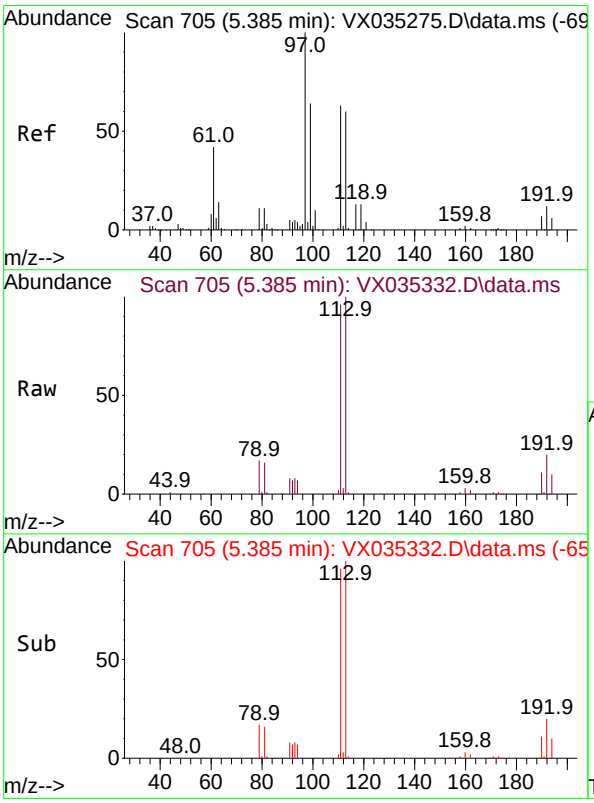
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion:114 Resp: 409469

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.2
88	15.9	0.0	33.2

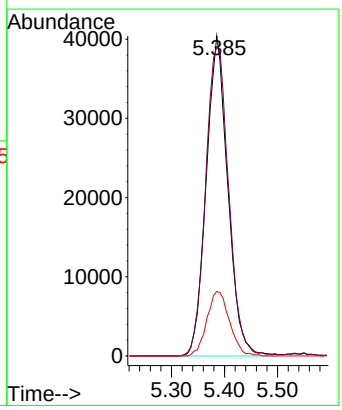


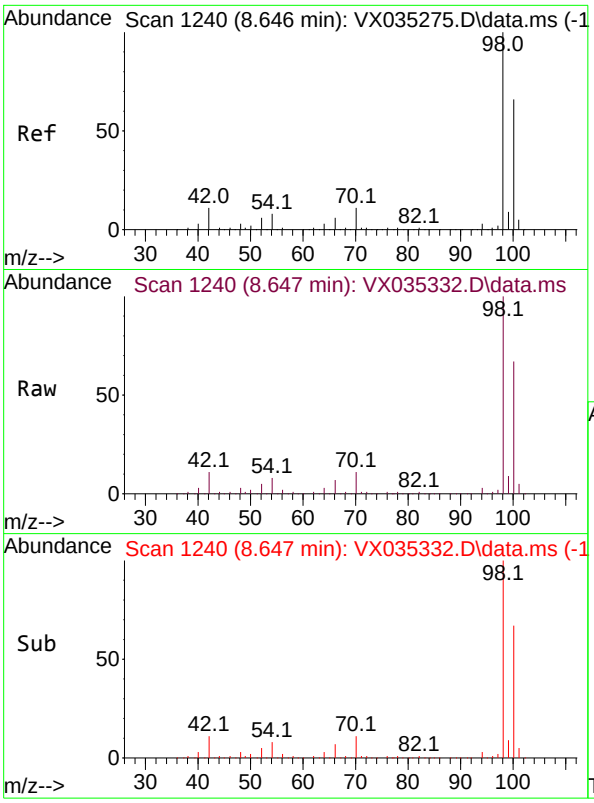


#35
Dibromofluoromethane
Concen: 45.563 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion:113 Resp: 114510

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.7	125.5
192	21.1	15.4	23.2



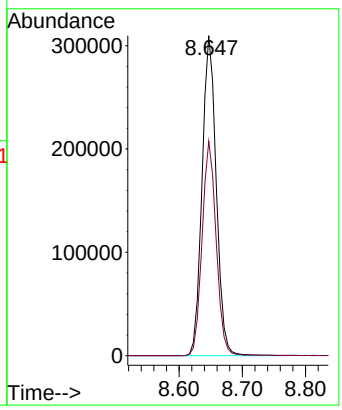


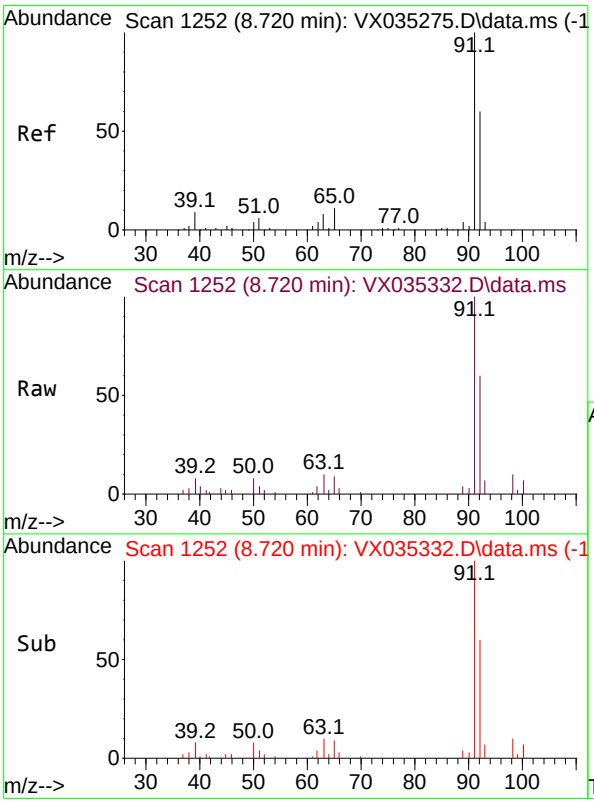
#50
Toluene-d8
Concen: 51.004 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion: 98 Resp: 483551

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7

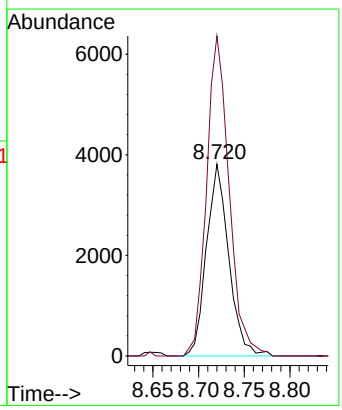


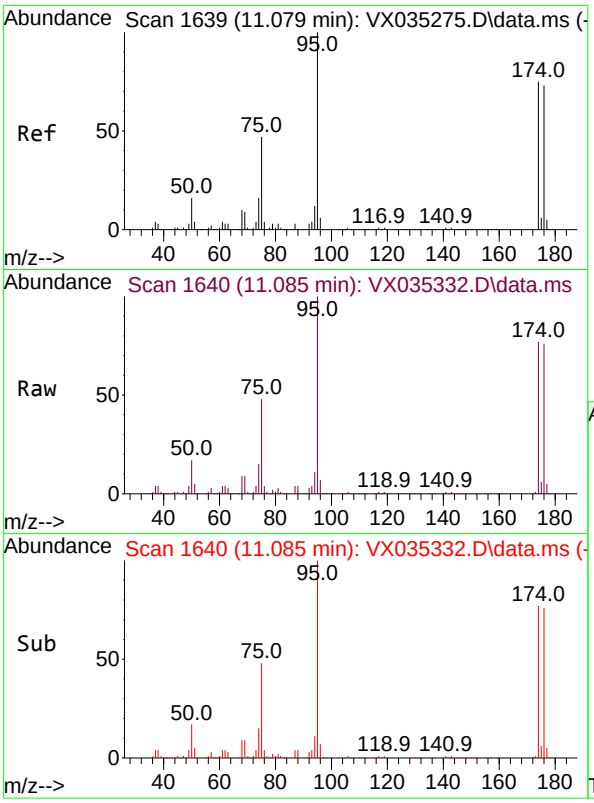


#52
Toluene
Concen: 0.907 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 92 Resp: 6474

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.8	205.2



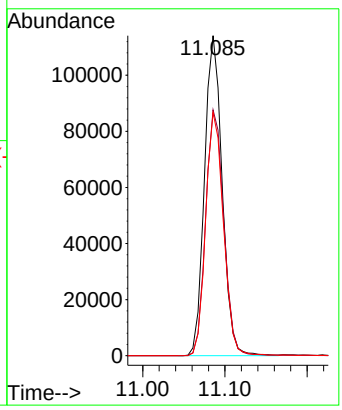


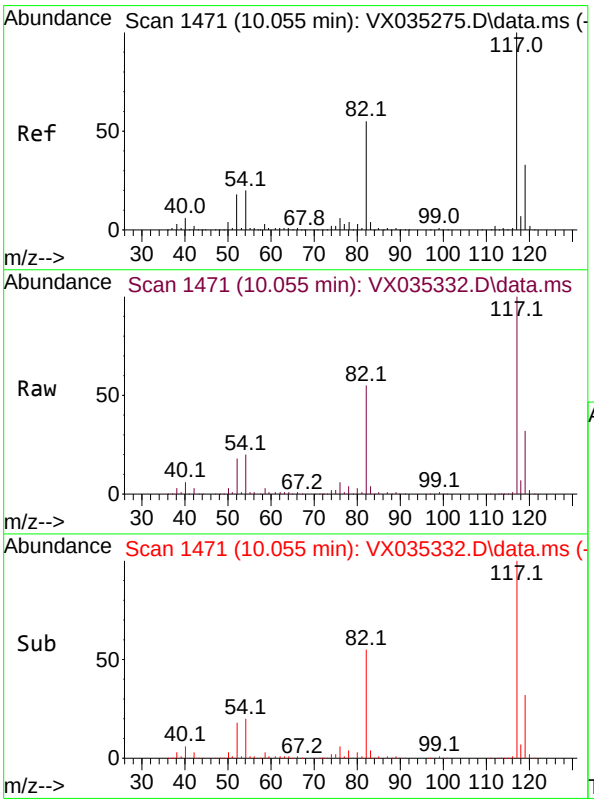
#62
4-Bromofluorobenzene
Concen: 47.882 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion: 95 Resp: 170768

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	147.4
176	76.3	0.0	140.6

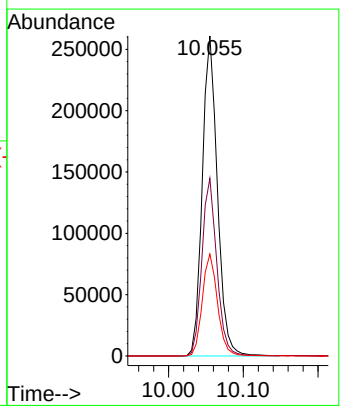


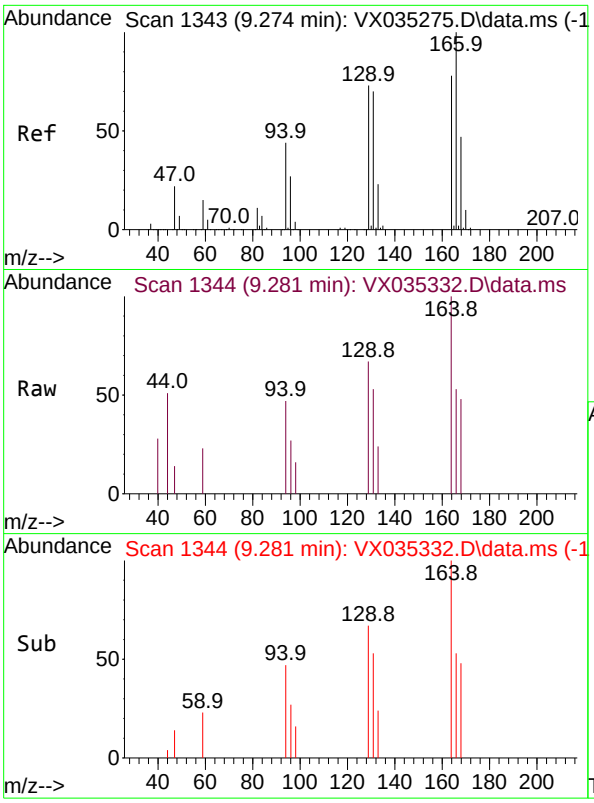


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion:117 Resp: 366097

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	31.8	26.0	39.0



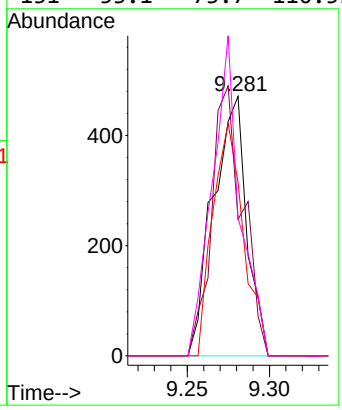


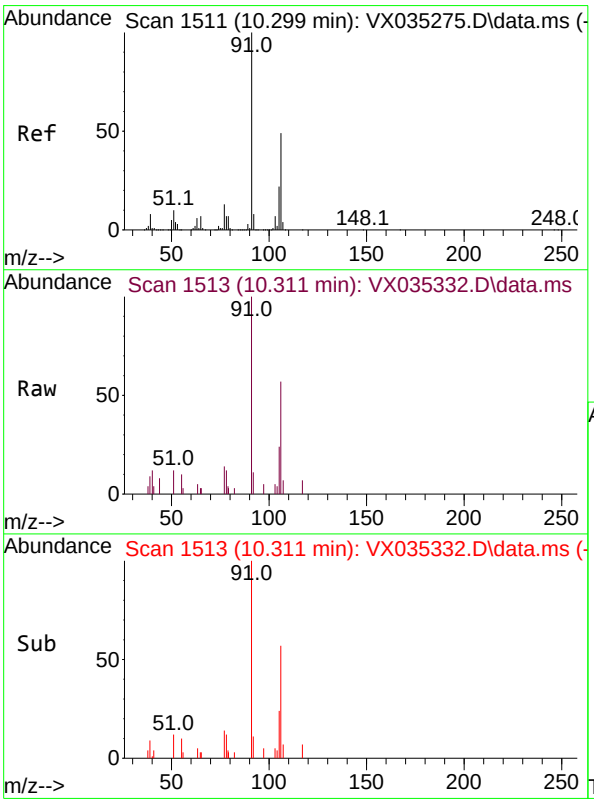
#64
Tetrachloroethene
Concen: 0.238 ug/l
RT: 9.281 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion:164 Resp: 668

Ion	Ratio	Lower	Upper
164	100		
166	52.7	102.7	154.1#
129	66.9	75.6	113.4#
131	53.1	73.7	110.5#

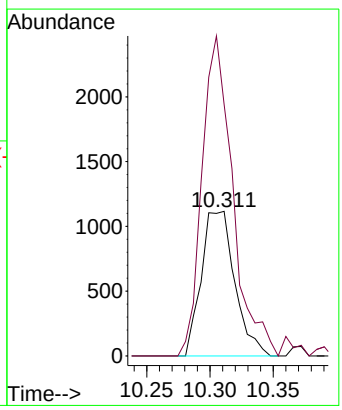


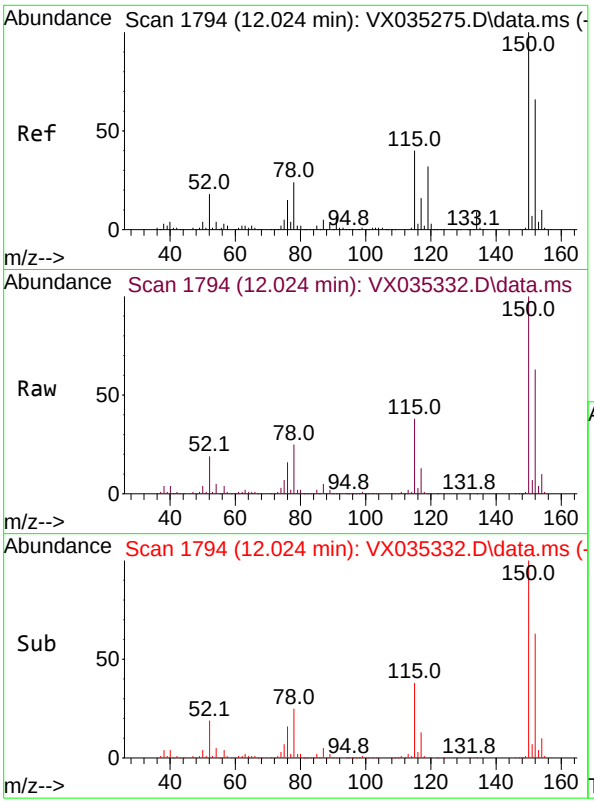


#68
m/p-Xylenes
Concen: 0.391 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion:106 Resp: 2056

Ion	Ratio	Lower	Upper
106	100		
91	203.2	164.0	246.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

Tgt Ion:152 Resp: 158523

Ion	Ratio	Lower	Upper
152	100		
115	60.9	45.0	135.0
150	159.3	0.0	352.4