Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017228.D
Acq On : 05 Feb 2024 14:53
Operator : SY/MD
Sample : P1367-11
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Quant Time: Feb 06 01:00:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	84087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39989	53.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.460%			
35) Dibromofluoromethane	7.728	113	41424	43.026	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.060%			
50) Toluene-d8	10.191	98	157748	45.002	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.000%			
62) 4-Bromofluorobenzene	12.489	95	54309	47.296	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.600%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.247	62	1721	1.233	ug/l	96
16) Acetone	3.985	43	6312	28.589	ug/l	92
17) Carbon Disulfide	4.204	76	4241	1.630	ug/l	96
52) Toluene	10.252	92	4374	1.528	ug/l	95
68) m/p-Xylenes	11.709	106	4267	1.798	ug/l	99

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

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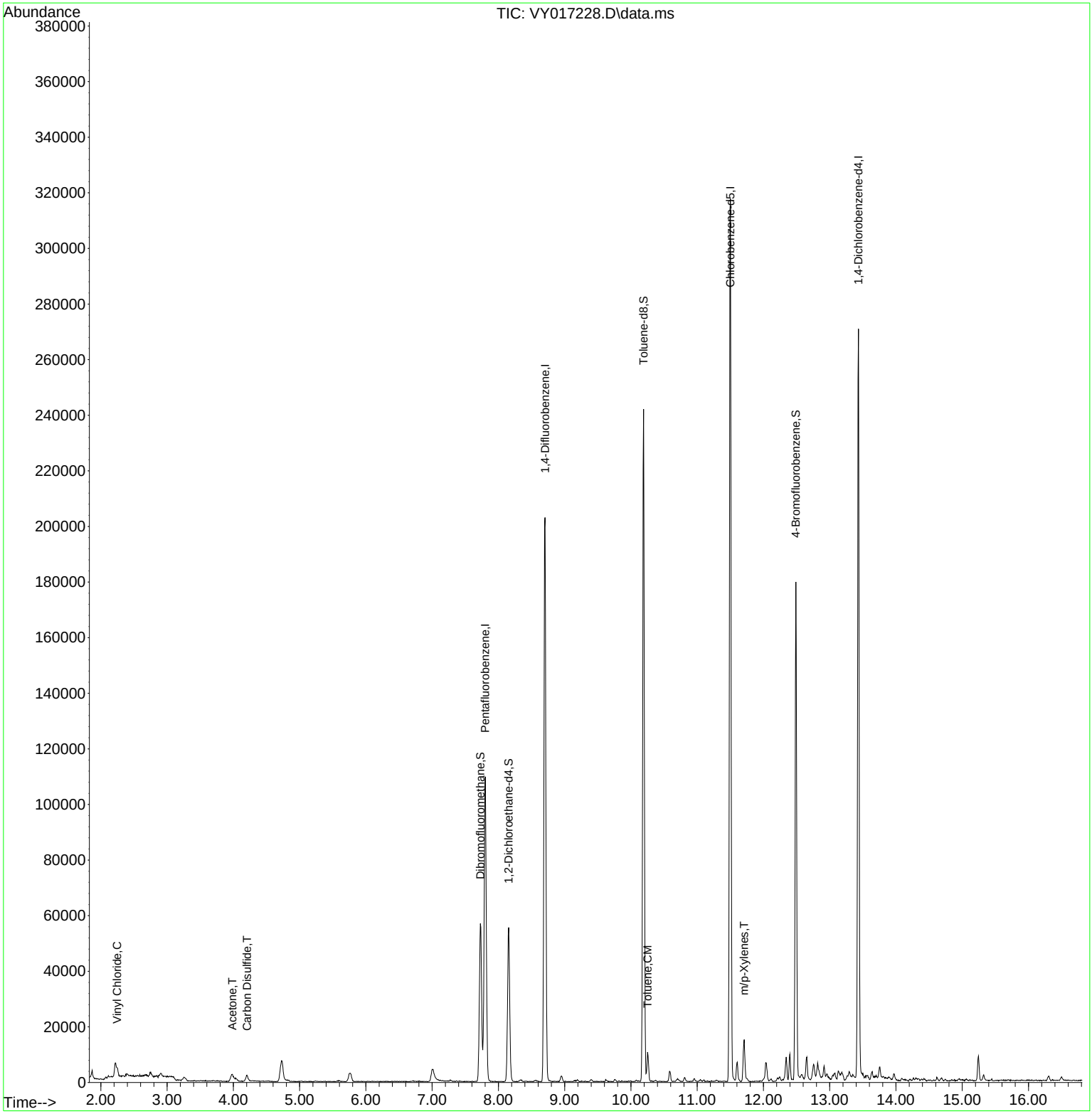
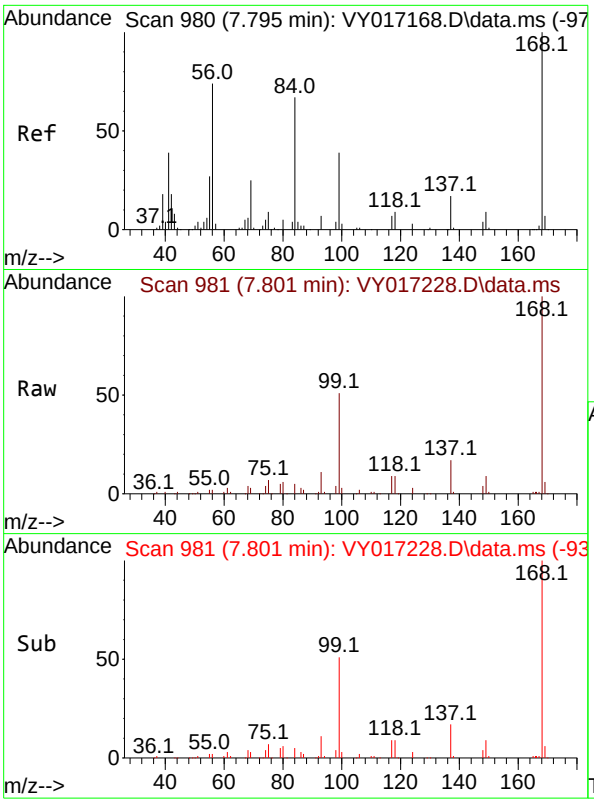


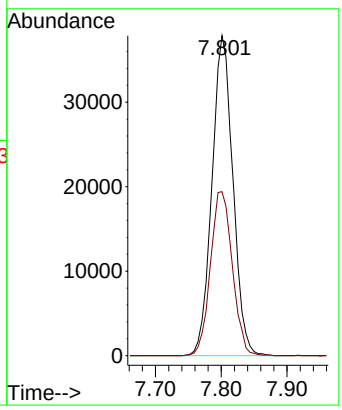


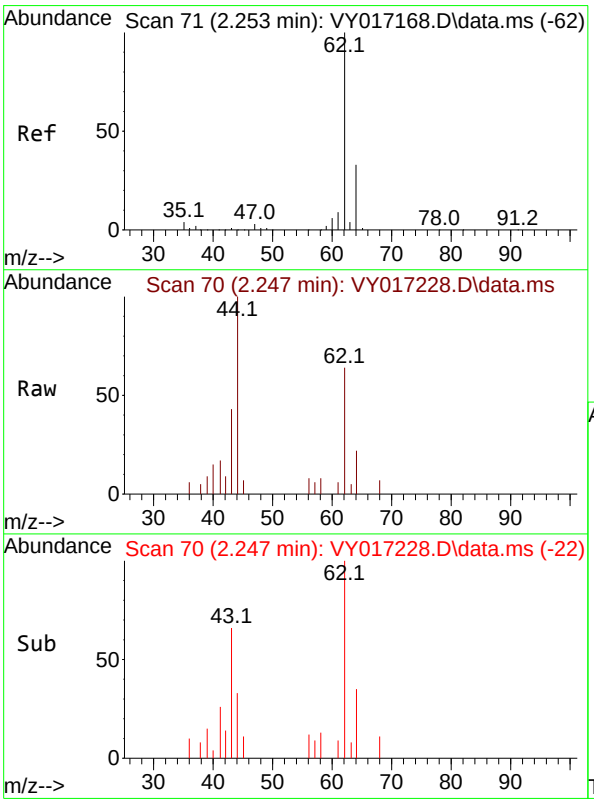
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion:168 Resp: 84087

Ion	Ratio	Lower	Upper
168	100		
99	51.3	44.2	66.4

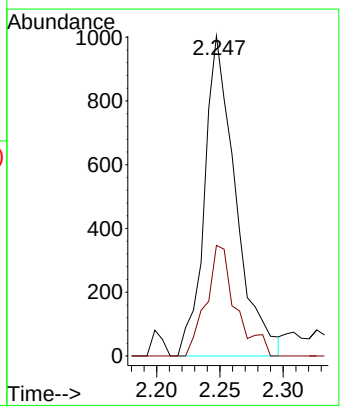


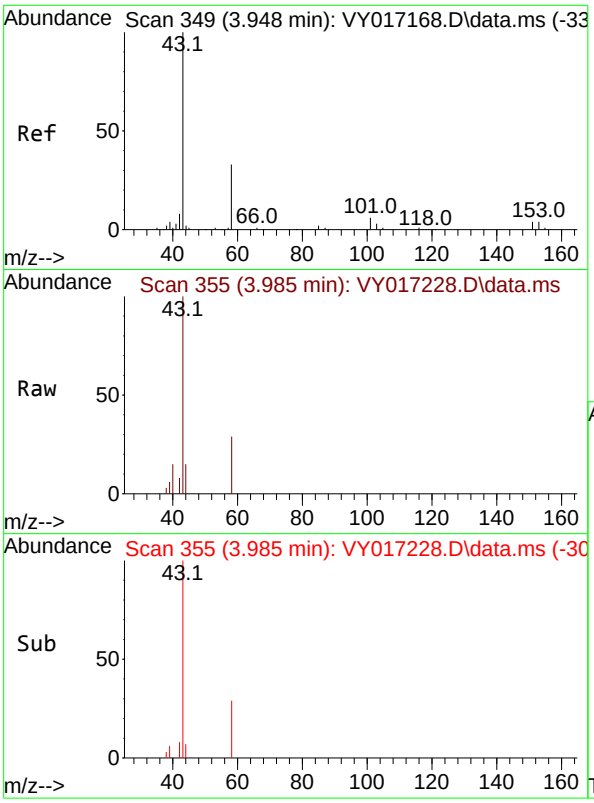


#4
Vinyl Chloride
Concen: 1.233 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion: 62 Resp: 1721

Ion	Ratio	Lower	Upper
62	100		
64	34.6	25.7	38.5



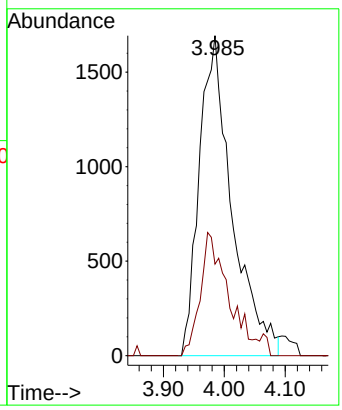


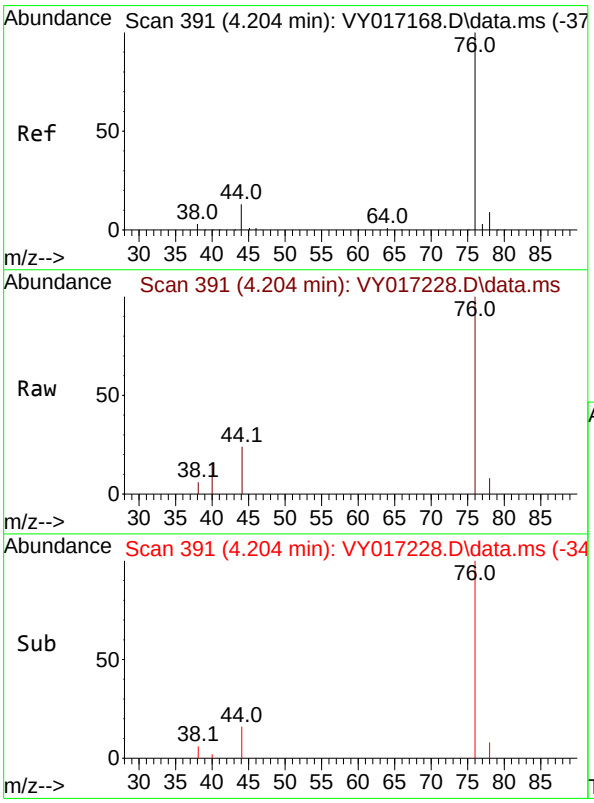
#16
Acetone
Concen: 28.589 ug/l
RT: 3.985 min Scan# 3
Delta R.T. 0.037 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion: 43 Resp: 6312

Ion	Ratio	Lower	Upper
43	100		
58	28.6	26.6	39.8

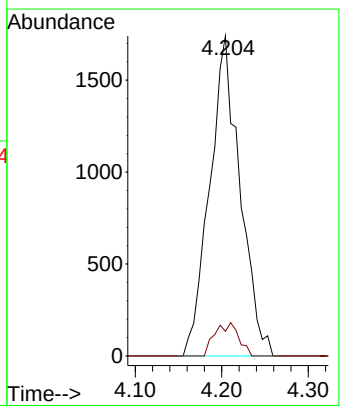


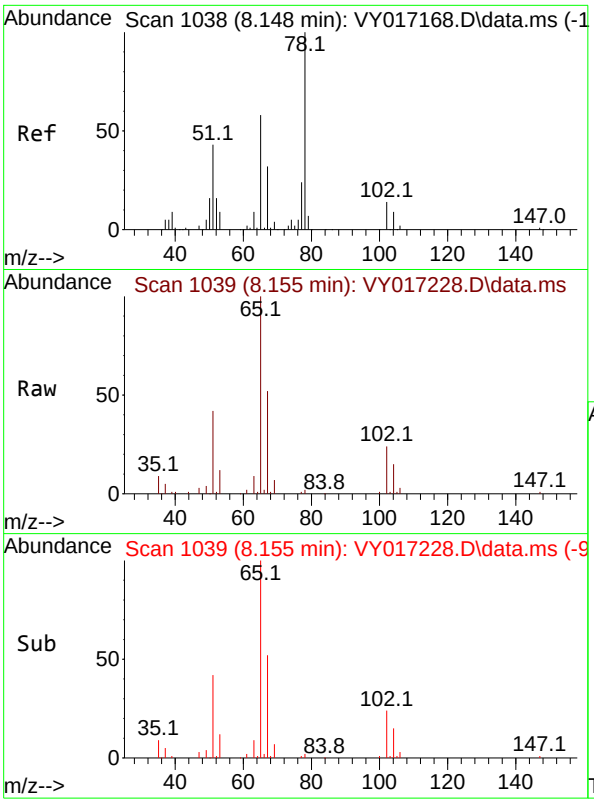


#17
Carbon Disulfide
Concen: 1.630 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion: 76 Resp: 4241

Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.4	11.0



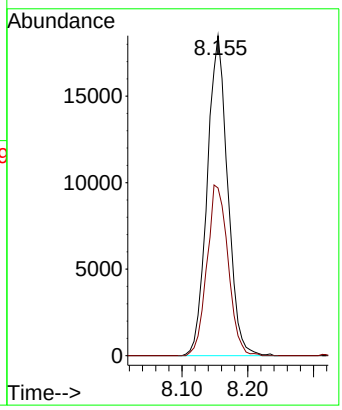


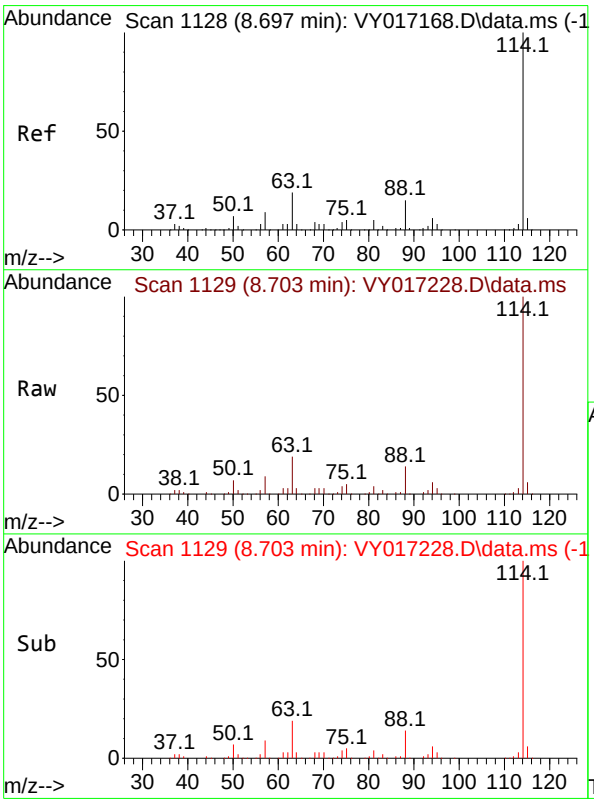
#33
1,2-Dichloroethane-d4
Concen: 53.235 ug/l
RT: 8.155 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion: 65 Resp: 39989

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.0

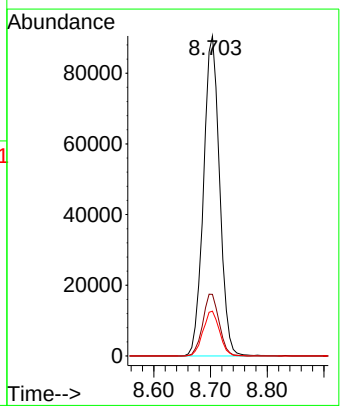


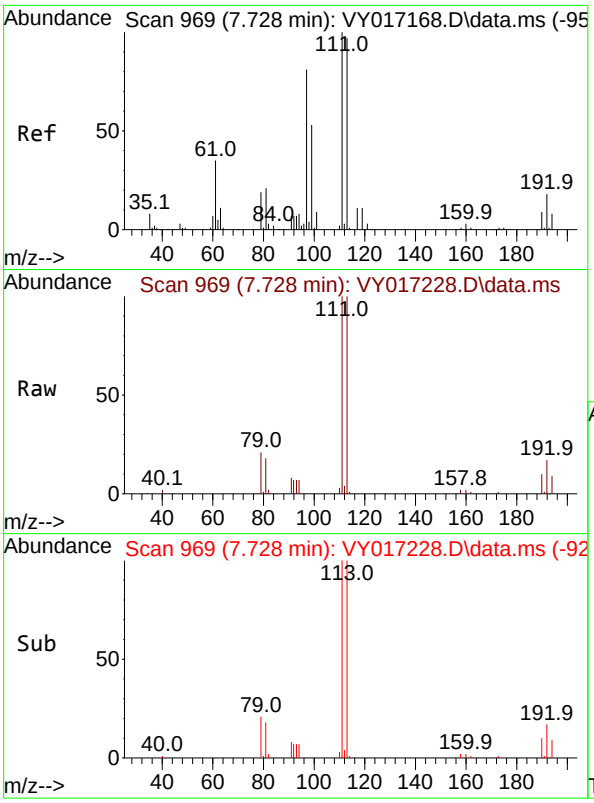


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion:114 Resp: 178310

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.4
88	14.0	0.0	29.0



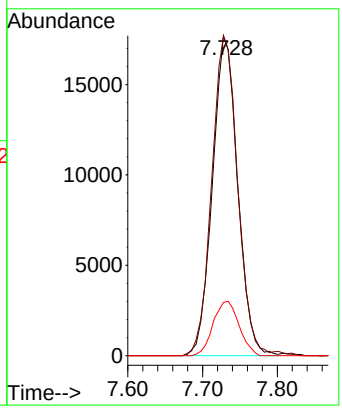


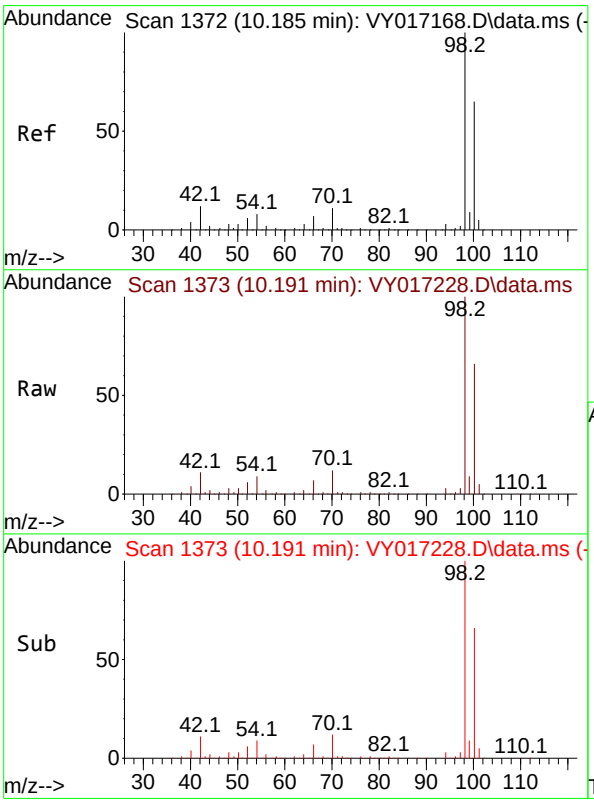
#35
Dibromofluoromethane
Concen: 43.026 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion:113 Resp: 41424

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	17.5	14.5	21.7

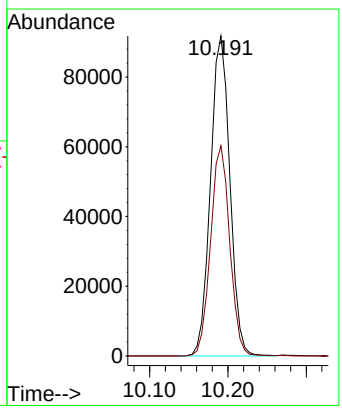


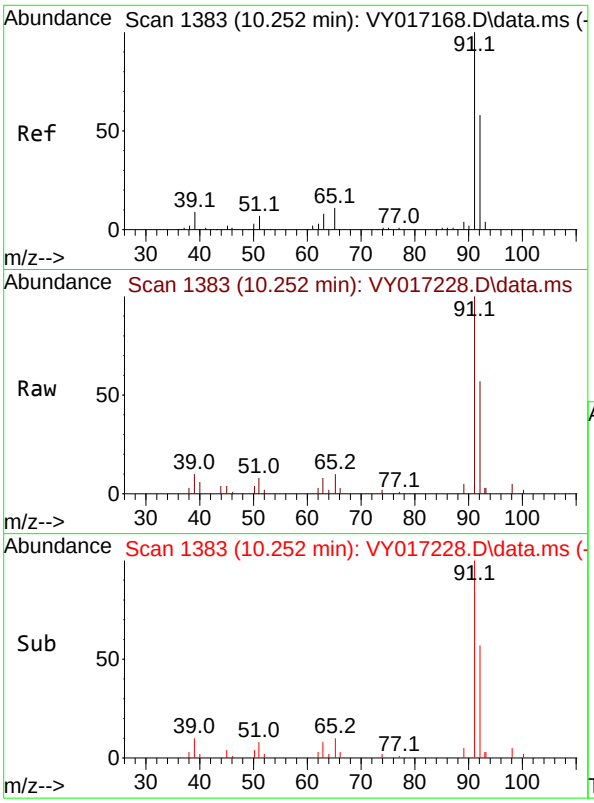


#50
Toluene-d8
Concen: 45.002 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion: 98 Resp: 157748

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



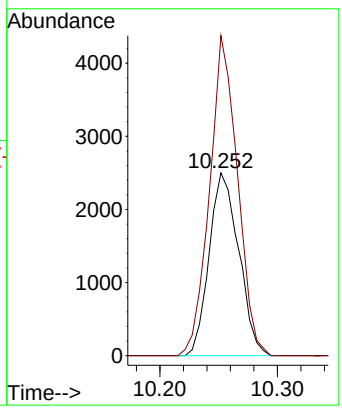


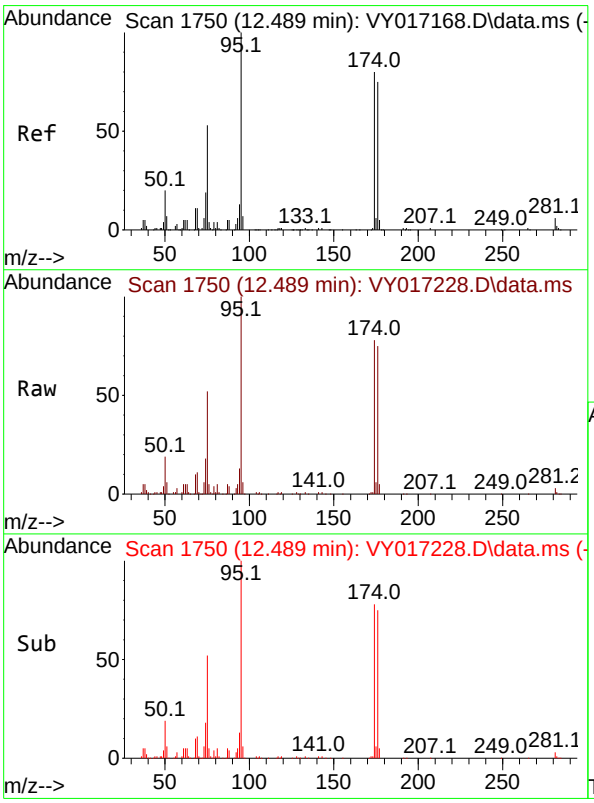
#52
Toluene
Concen: 1.528 ug/l
RT: 10.252 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion: 92 Resp: 4374

Ion	Ratio	Lower	Upper
92	100		
91	165.3	137.6	206.4

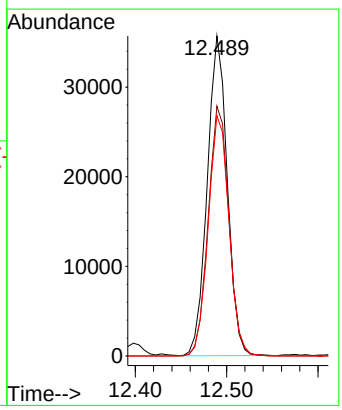


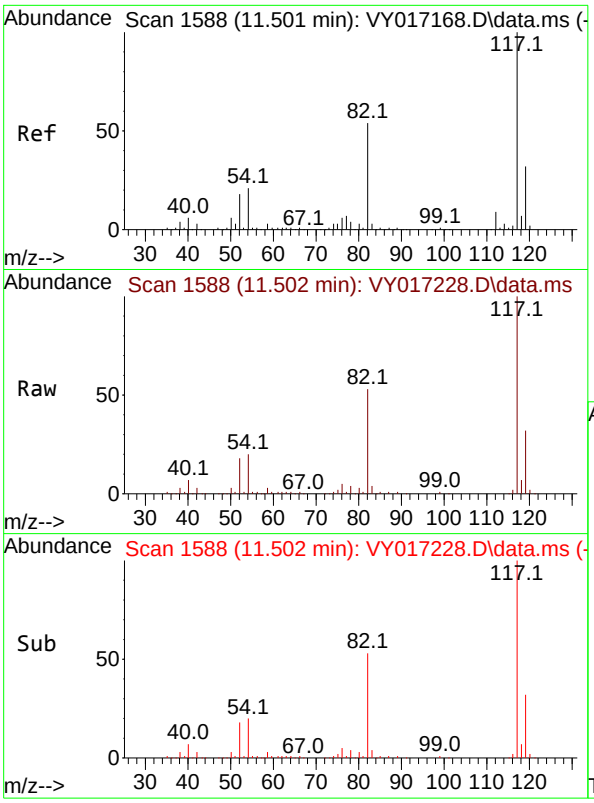


#62
4-Bromofluorobenzene
Concen: 47.296 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion: 95 Resp: 54309

Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	160.0
176	77.7	0.0	151.8



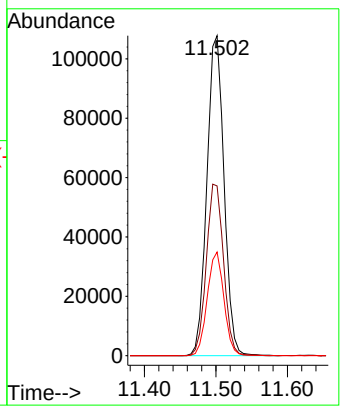


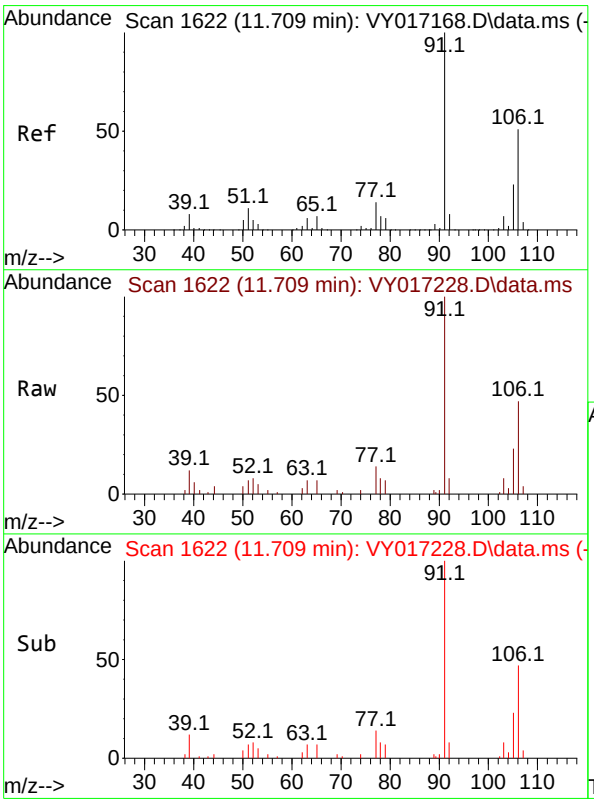
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion:117 Resp: 179352

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	32.4	26.5	39.7

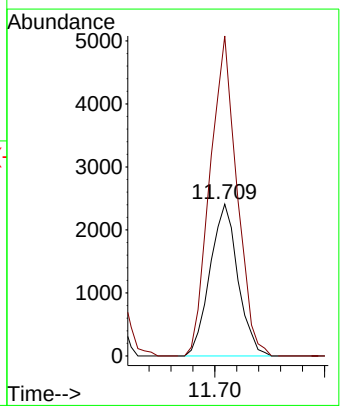


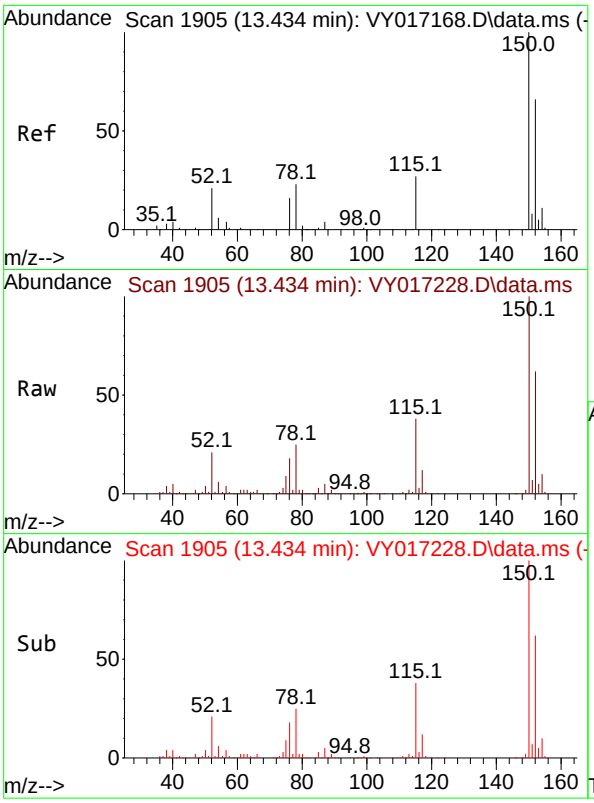


#68
m/p-Xylenes
Concen: 1.798 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Tgt Ion:106 Resp: 4267

Ion	Ratio	Lower	Upper
106	100		
91	203.1	160.7	241.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017228.D
Acq: 05 Feb 2024 14:53

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-0-2

Tgt Ion:152 Resp: 67810

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.0	90.0
150	159.2	0.0	344.6