Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
Data File : VU054362.D
Acq On : 01 Jun 2023 01:18
Operator : JC/MD
Sample : 02972-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Quant Time: Jun 01 06:40:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.369	168	258999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	448790	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	429597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	198669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	184224	54.260	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.520%			
35) Dibromofluoromethane	5.282	113	149873	51.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	7.893	98	561373	51.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	10.626	95	189330	44.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.840%			
Target Compounds						Qvalue
16) Acetone	2.629	43	37694	19.368	ug/l	99
20) Methylene Chloride	3.044	84	22364	6.370	ug/l	95
37) Ethyl Acetate	4.803	43	42657	7.711	ug/l #	89
40) Benzene	5.771	78	22877	1.767	ug/l	100
43) Isopropyl Acetate	5.906	43	175323	22.975	ug/l	98

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

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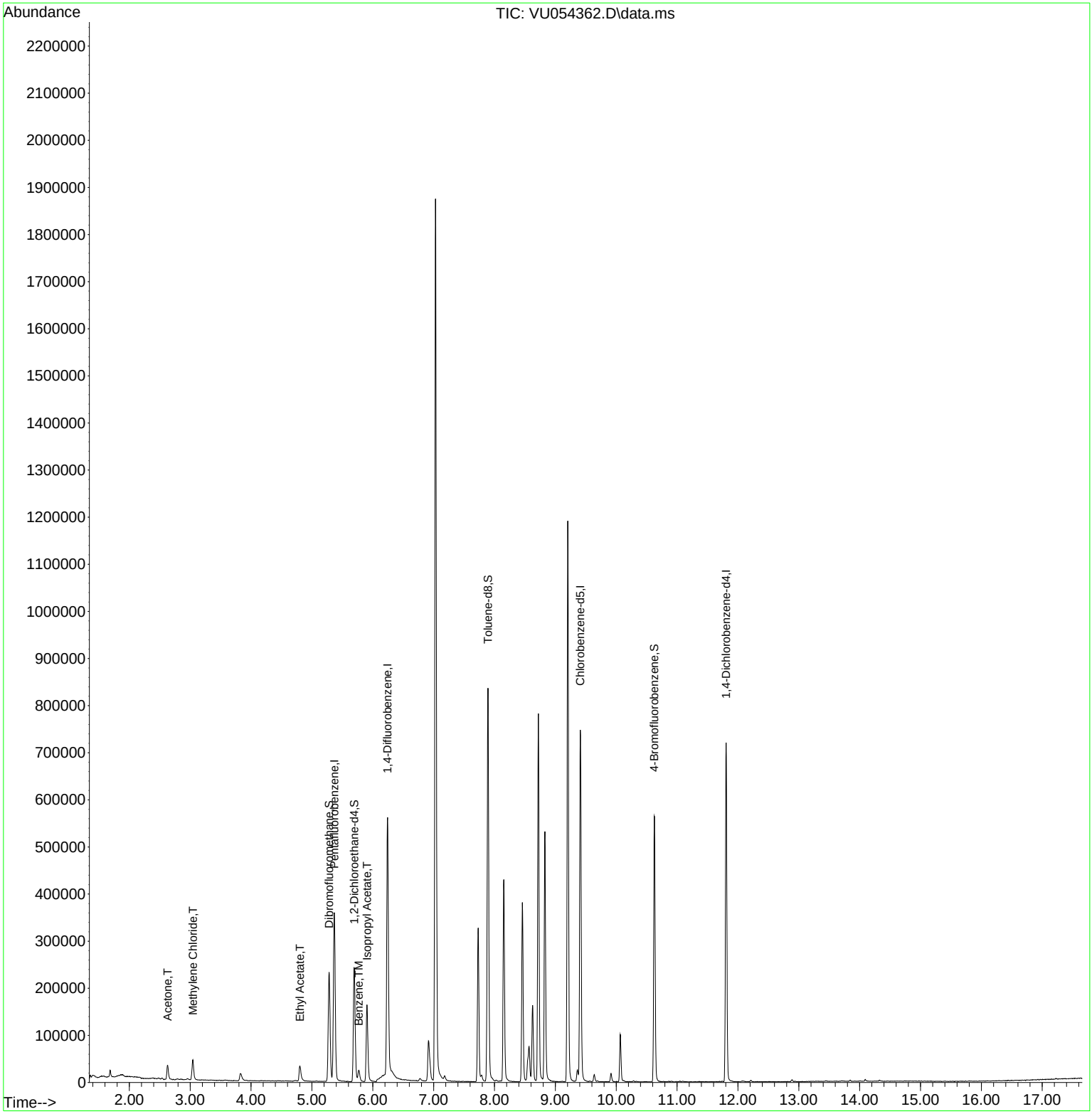
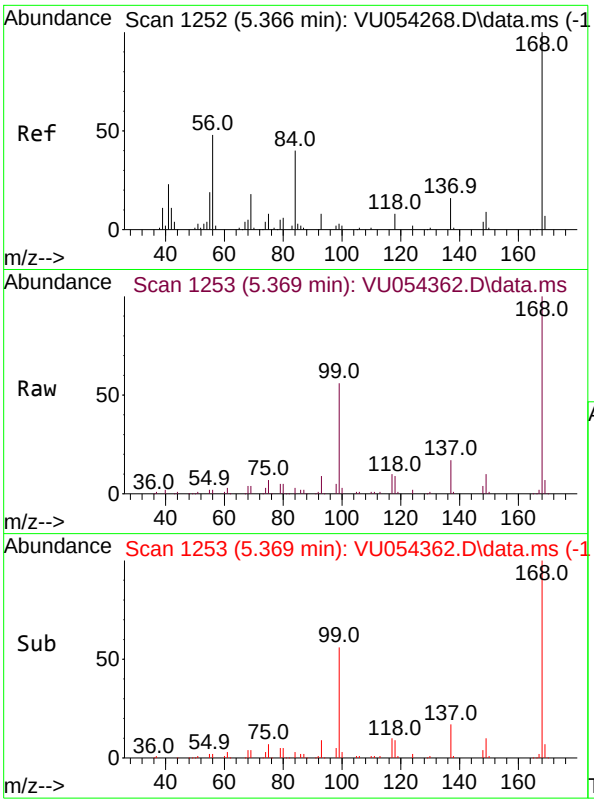


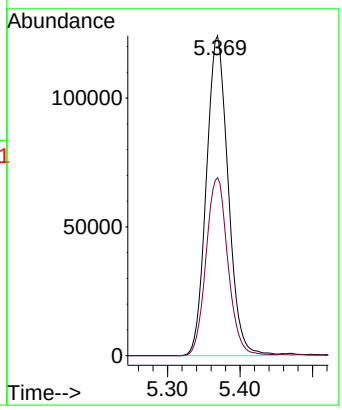


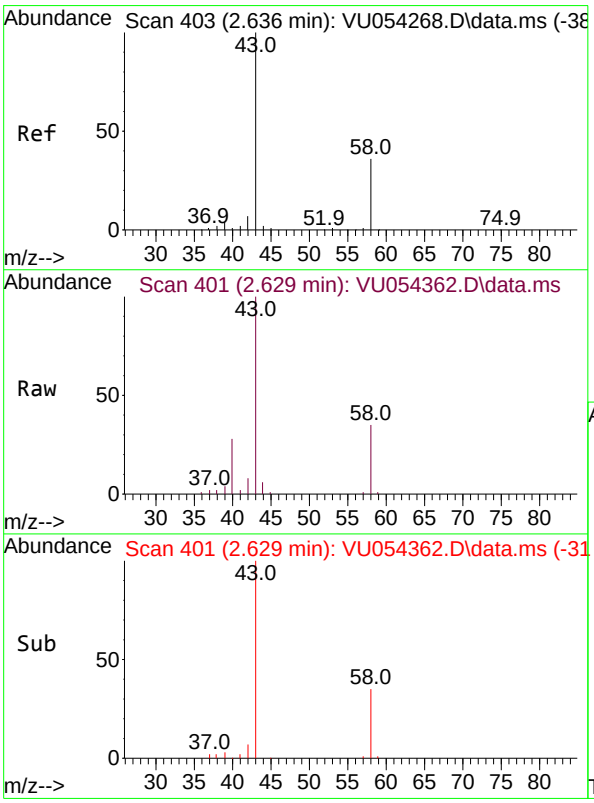
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion:168 Resp: 258999

Ion	Ratio	Lower	Upper
168	100		
99	55.6	39.3	58.9

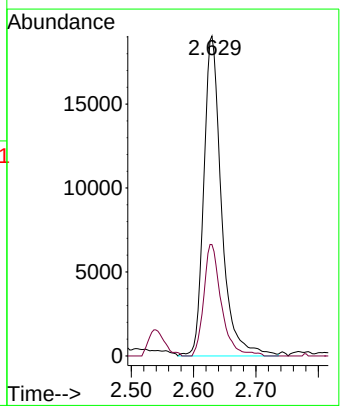


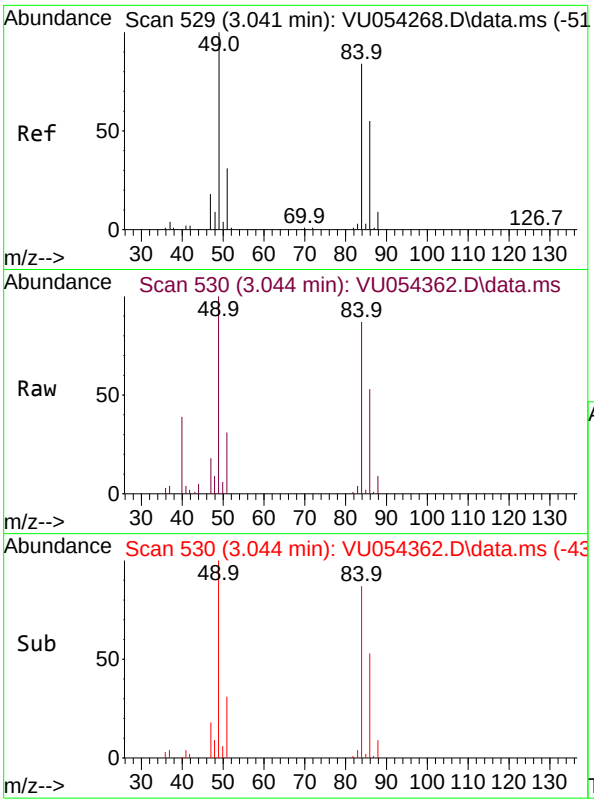


#16
Acetone
Concen: 19.368 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion: 43 Resp: 37694

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.5	41.3



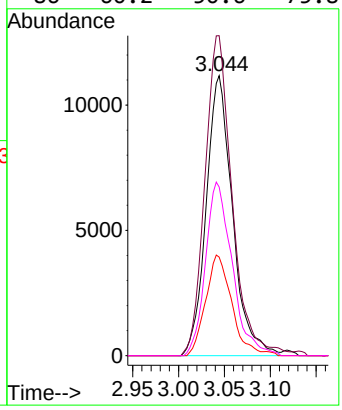


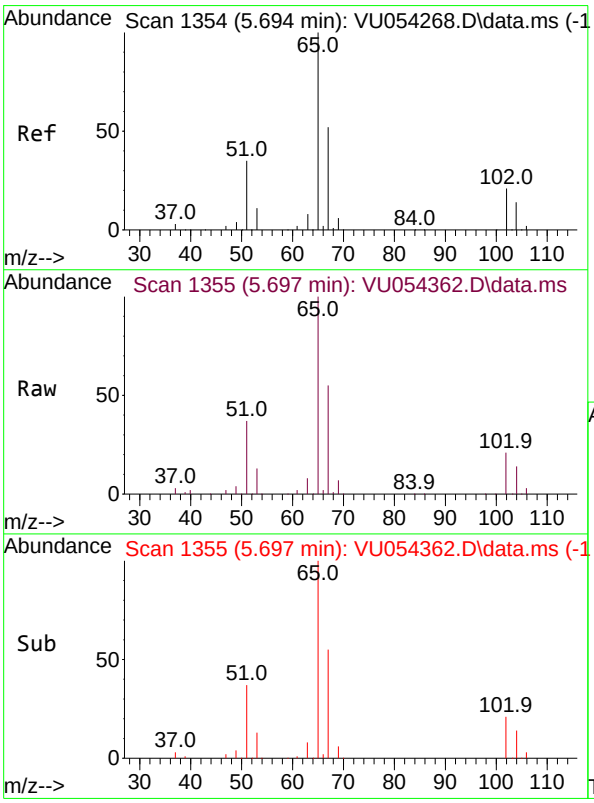
#20
Methylene Chloride
Concen: 6.370 ug/l
RT: 3.044 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion: 84 Resp: 22364

Ion	Ratio	Lower	Upper
84	100		
49	114.3	86.6	129.8
51	35.2	26.6	40.0
86	60.2	50.6	75.8

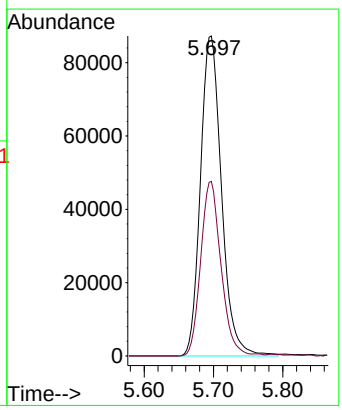


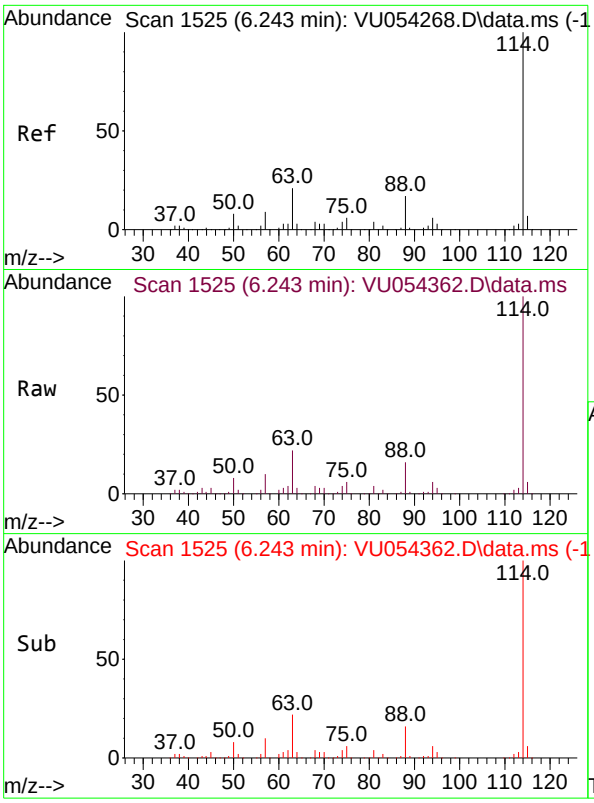


#33
1,2-Dichloroethane-d4
Concen: 54.260 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion: 65 Resp: 184224

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	108.0



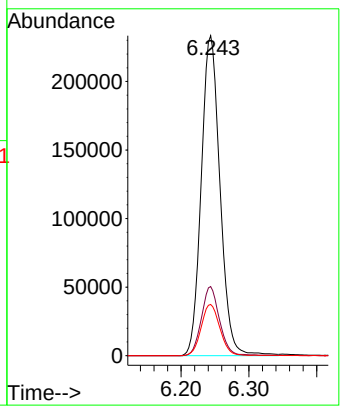


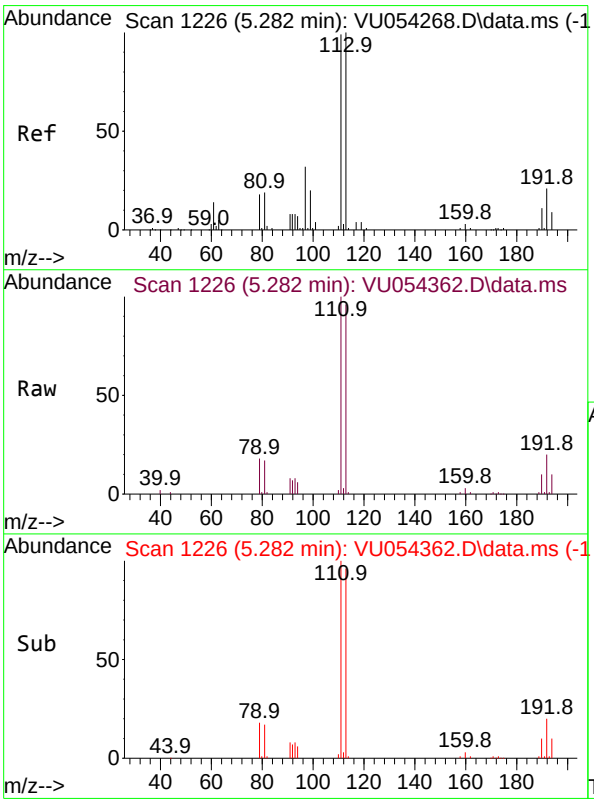
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion:114 Resp: 448790

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	37.8
88	16.0	0.0	29.2

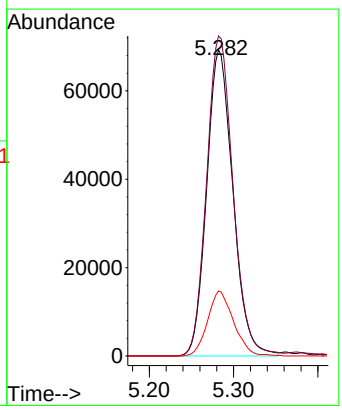


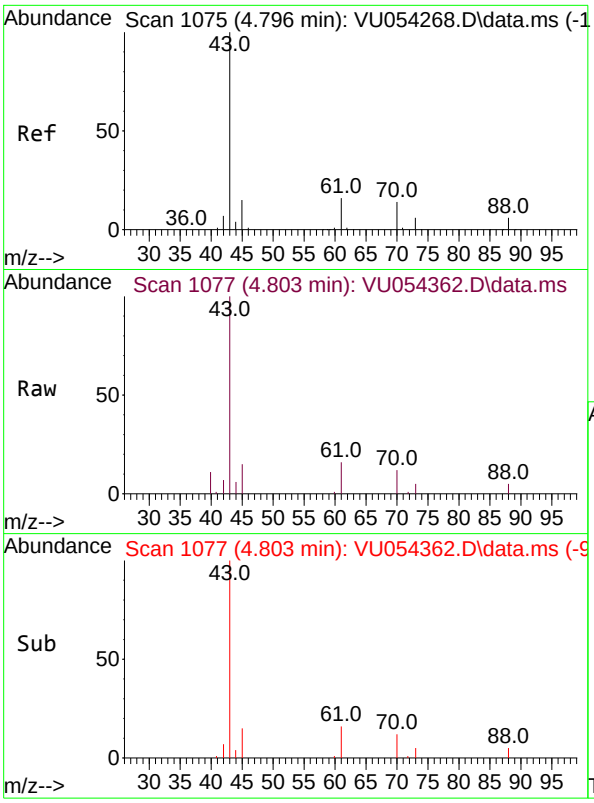


#35
Dibromofluoromethane
Concen: 51.857 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion:113 Resp: 149873

Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.1	123.1
192	21.1	18.0	27.0



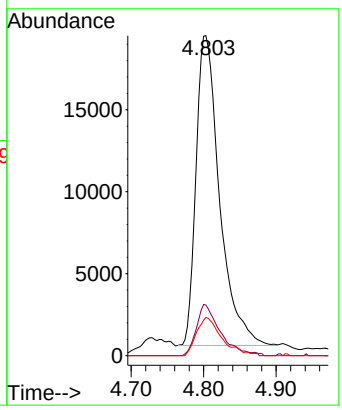


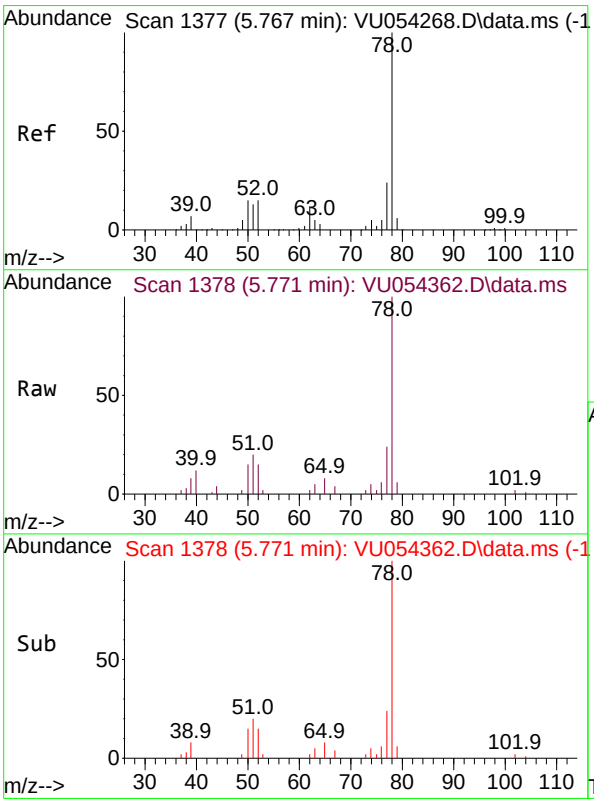
#37
Ethyl Acetate
Concen: 7.711 ug/l
RT: 4.803 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion: 43 Resp: 42657

Ion	Ratio	Lower	Upper
43	100		
61	16.6	9.5	14.3#
70	13.1	7.5	11.3#

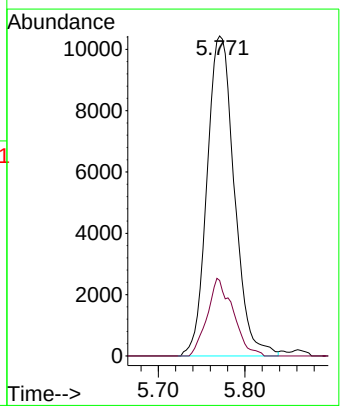


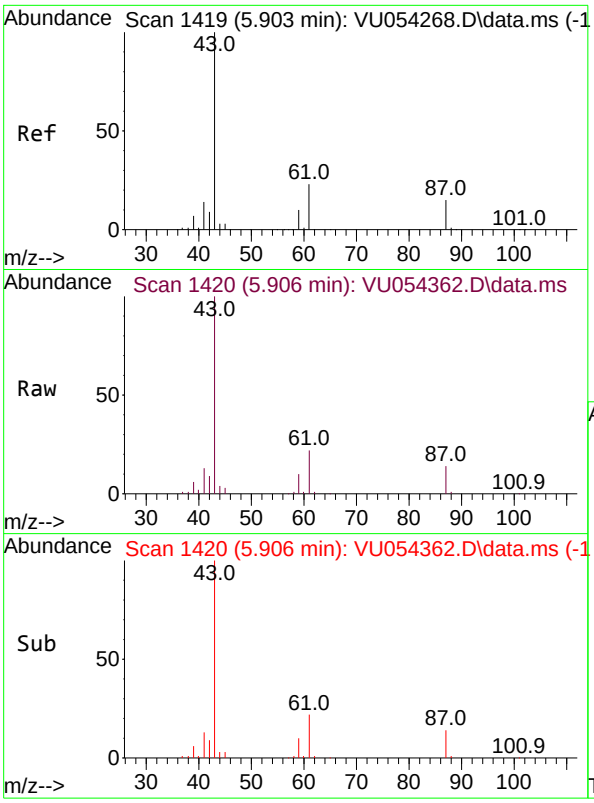


#40
Benzene
Concen: 1.767 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.004 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion: 78 Resp: 22877

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2



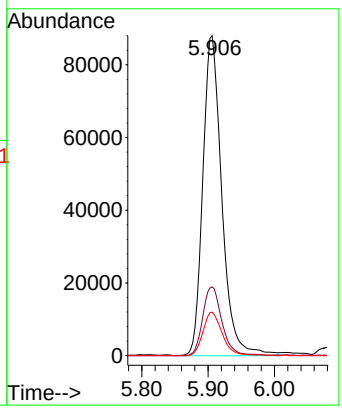


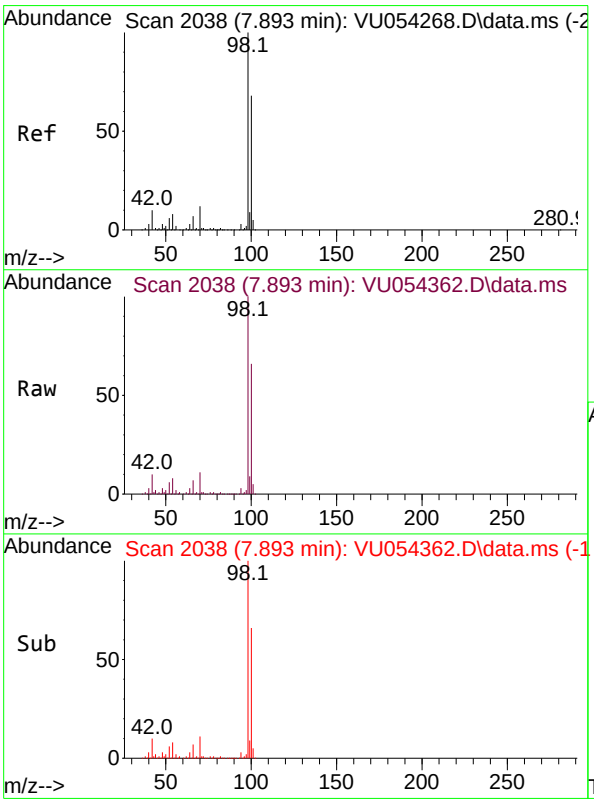
#43
Isopropyl Acetate
Concen: 22.975 ug/l
RT: 5.906 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion: 43 Resp: 175323

Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.4	26.0
87	13.7	12.6	18.8

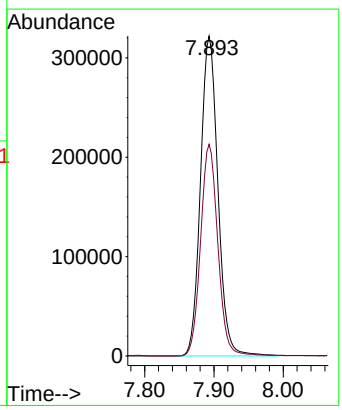


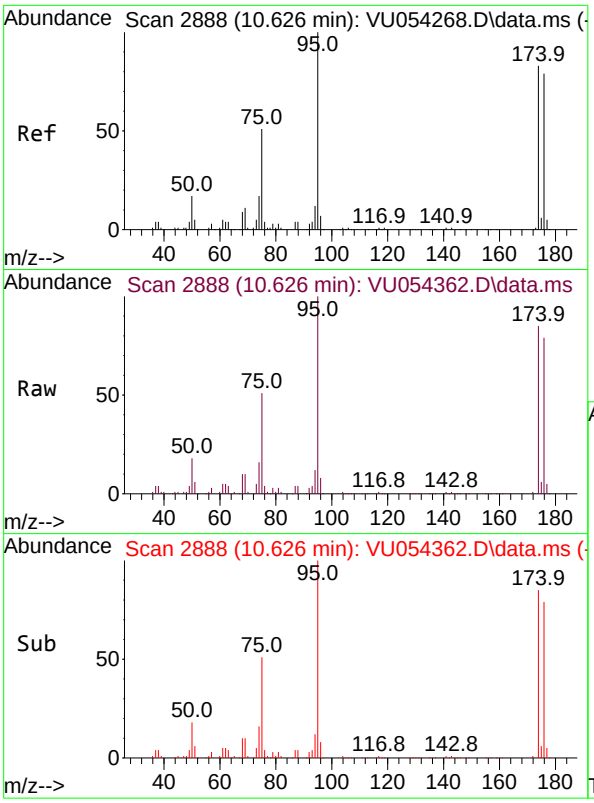


#50
Toluene-d8
Concen: 51.066 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion: 98 Resp: 561373

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.7	77.5



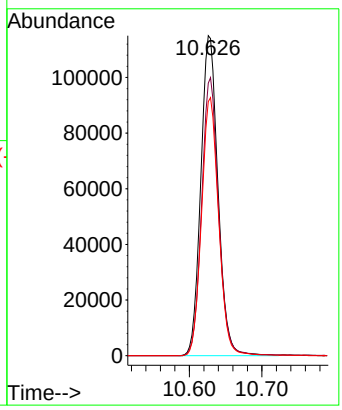


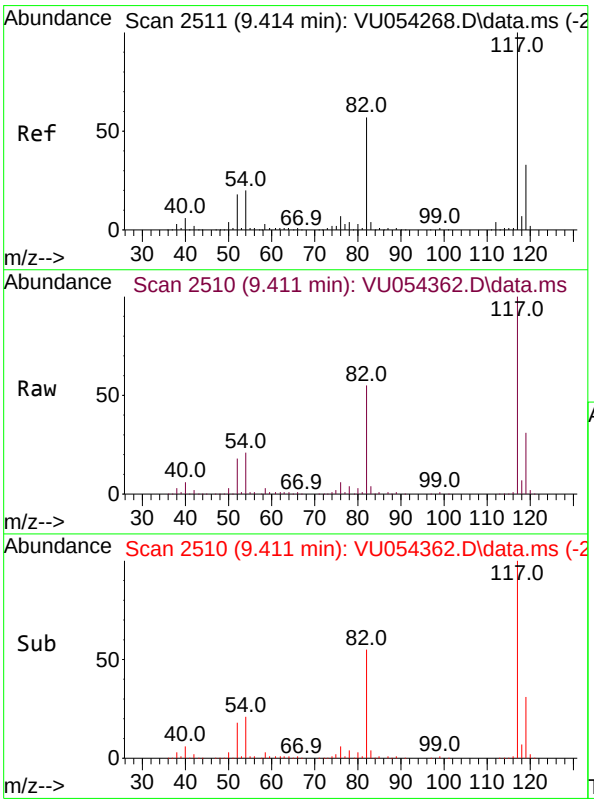
#62
4-Bromofluorobenzene
Concen: 44.418 ug/l
RT: 10.626 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion: 95 Resp: 189330

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	182.0
176	80.2	0.0	177.8

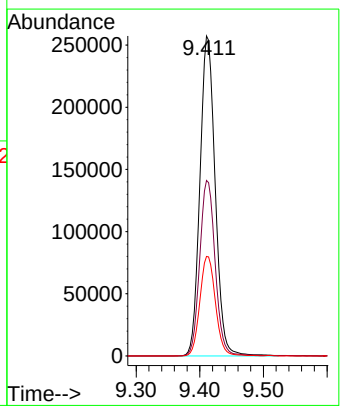


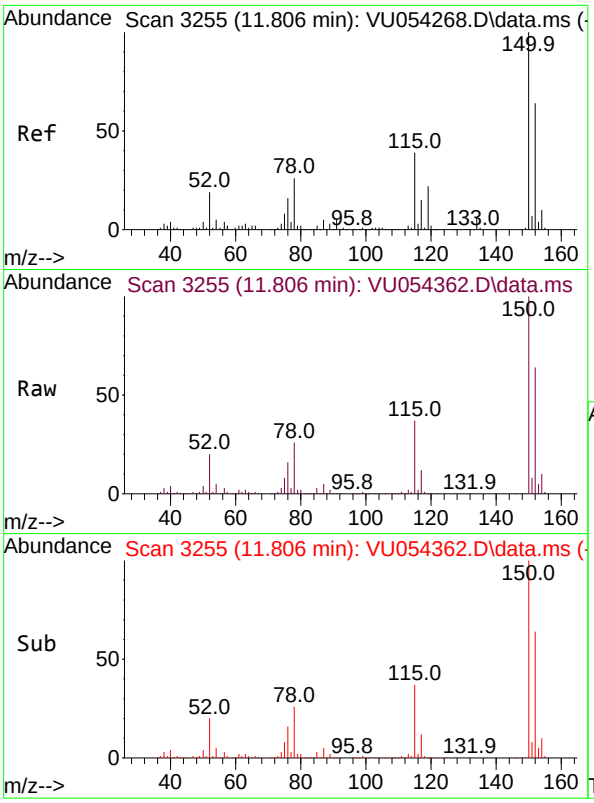


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Tgt Ion:117 Resp: 429597

Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.7	62.5
119	31.1	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU054362.D
Acq: 01 Jun 2023 01:18

Instrument :
MSVOA_U
ClientSampleId :
TP-11-0A

Tgt Ion:152 Resp: 198669

Ion	Ratio	Lower	Upper
152	100		
115	57.9	37.0	110.9
150	155.9	0.0	342.2