Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
Data File : VX043381.D
Acq On : 14 Oct 2024 15:16
Operator : JC/MD
Sample : P4402-04 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 01:47:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
4 - Tote

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	85144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70864	50.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.920%			
35) Dibromofluoromethane	5.379	113	50485	46.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.040%			
50) Toluene-d8	8.647	98	180994	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	65872	48.210	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.420%			
Target Compounds						Qvalue
16) Acetone	2.392	43	217519	374.582	ug/l	99
25) 2-Butanone	4.568	43	29792	37.417	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1407m	0.852	ug/l	

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

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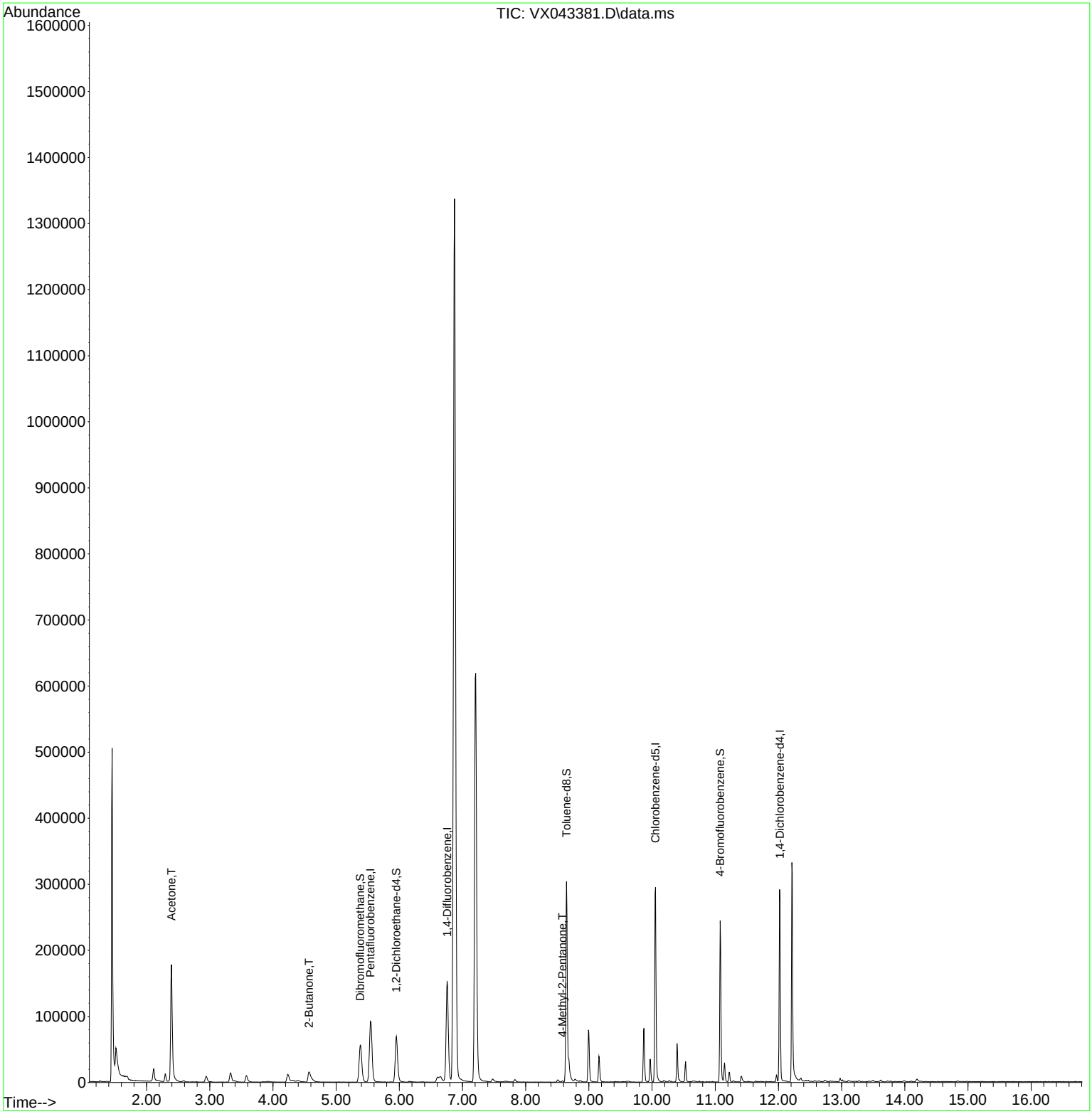
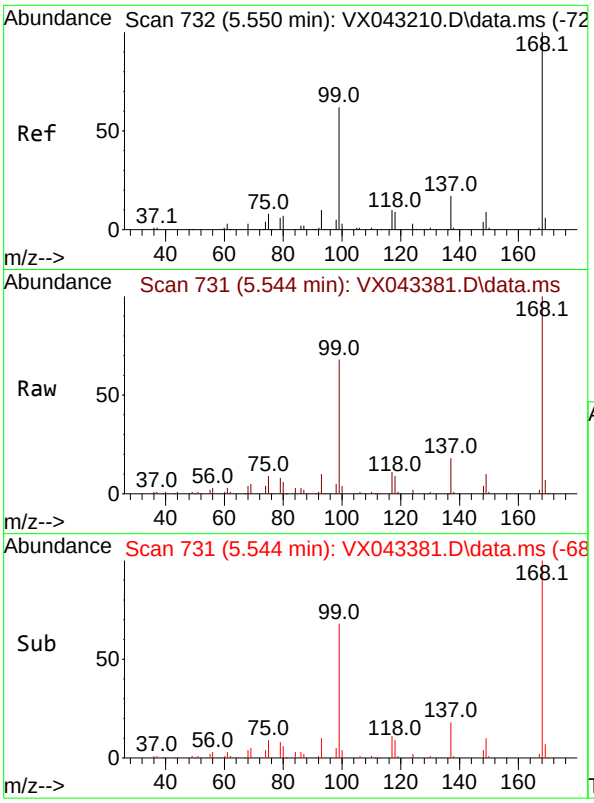
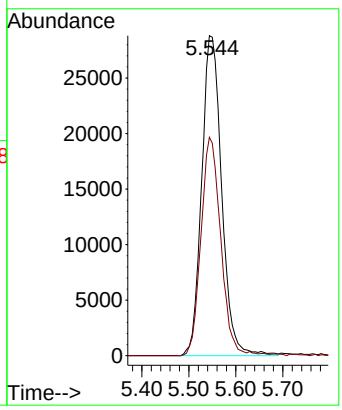




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion:168 Resp: 8514

Ion	Ratio	Lower	Upper
168	100		
99	68.2	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
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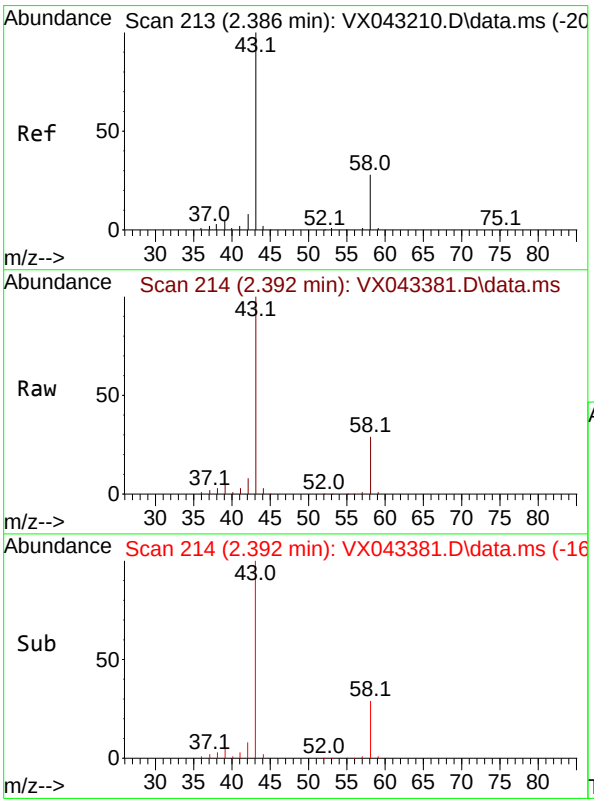
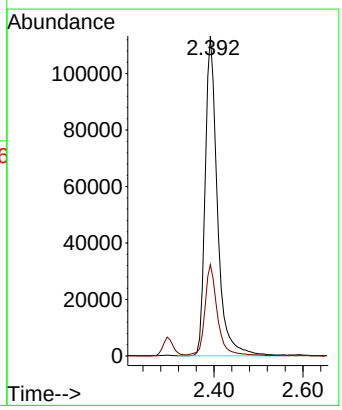
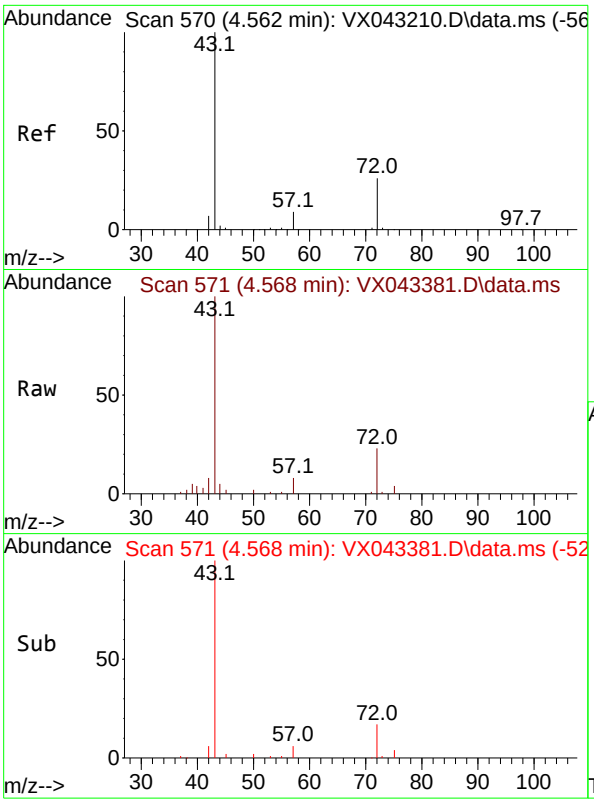


#16
Acetone
Concen: 374.582 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 43 Resp: 217519

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	33.8





#25
2-Butanone
Concen: 37.417 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 43 Resp: 2979

Ion	Ratio	Lower	Upper
43	100		
72	23.9	20.6	31.0

Instrument :
MSVOA_X
ClientSampleId :
4 - Tote

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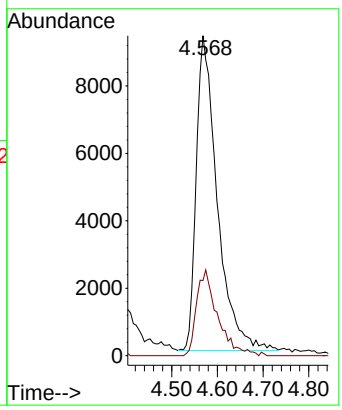
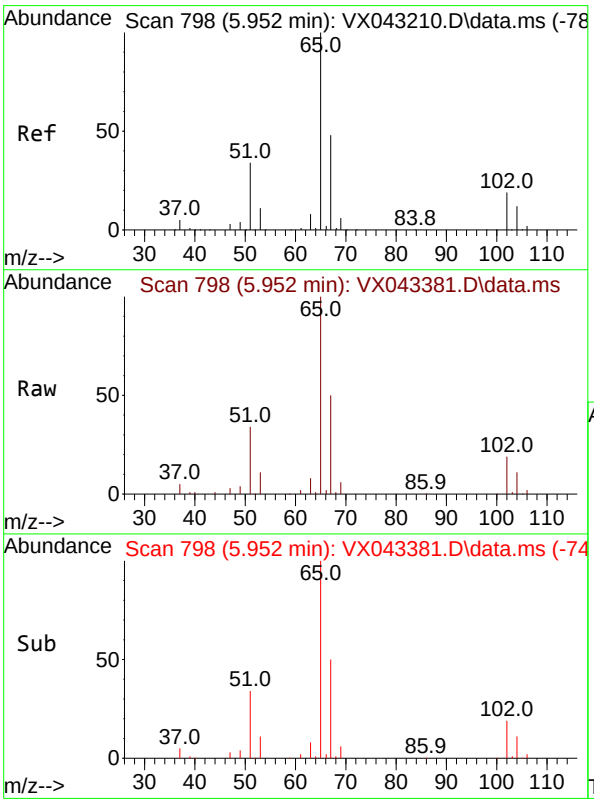
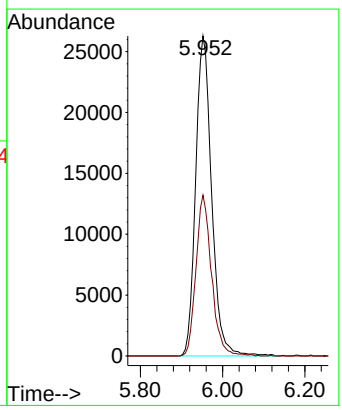


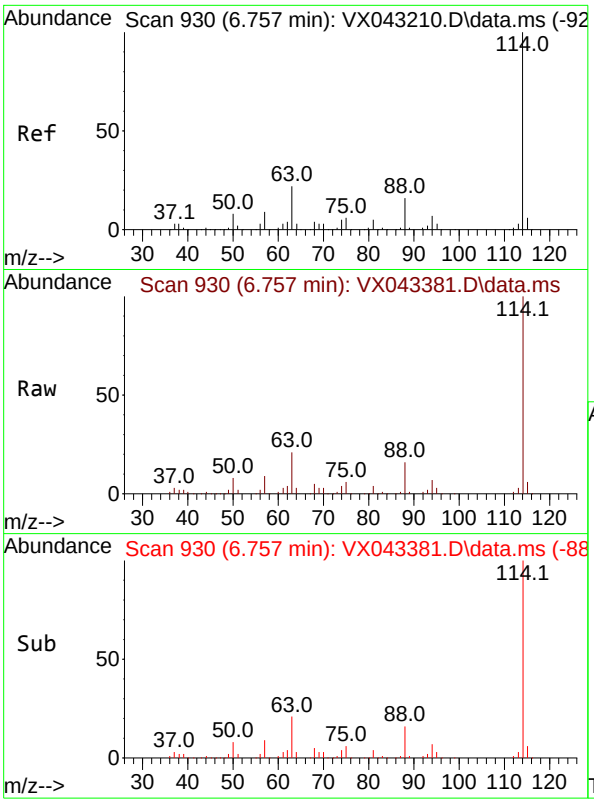


#33
1,2-Dichloroethane-d4
Concen: 50.962 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 65 Resp: 70864

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0

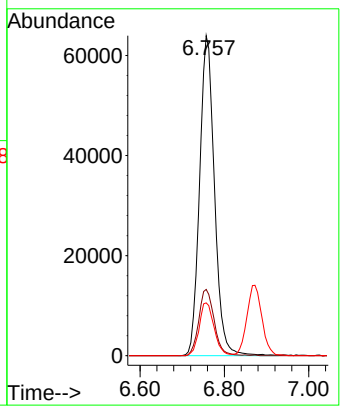




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion:114 Resp: 15737

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.0
88	16.5	0.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
4 - Tote

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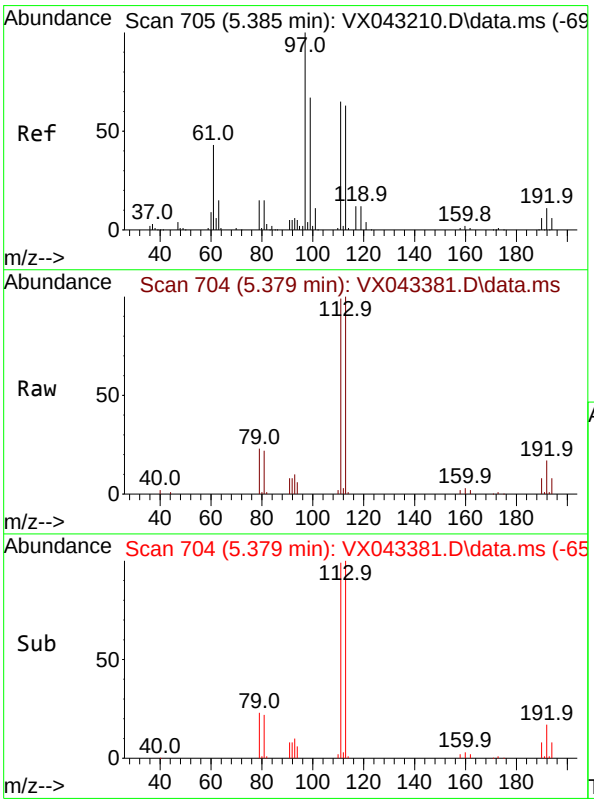
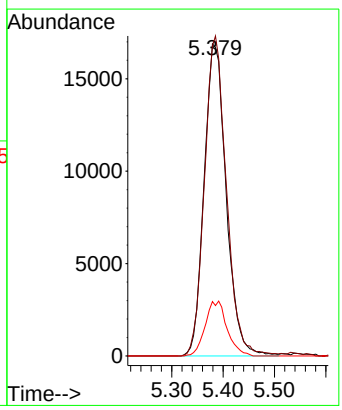
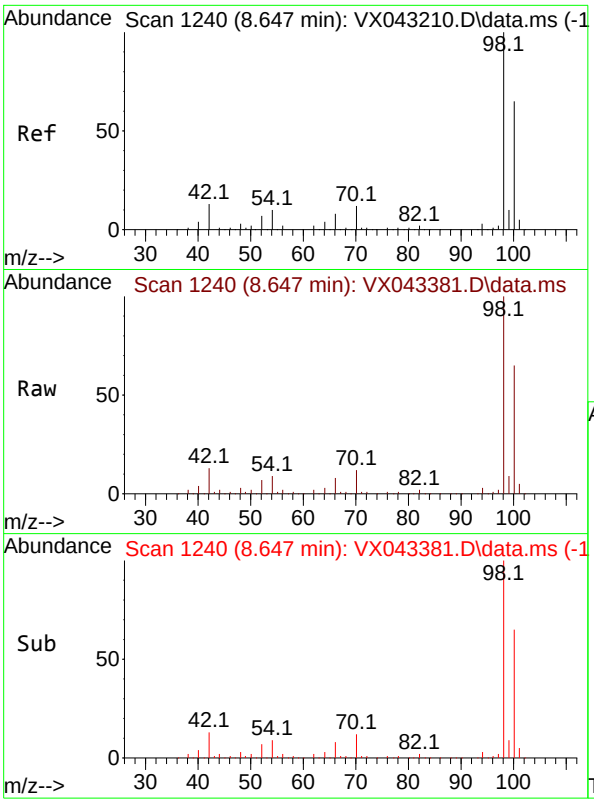


#35
Dibromofluoromethane
Concen: 46.518 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion:113 Resp: 50485

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.0
192	17.4	14.1	21.1





#50
Toluene-d8
Concen: 48.124 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 98 Resp: 18099

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6

Instrument :
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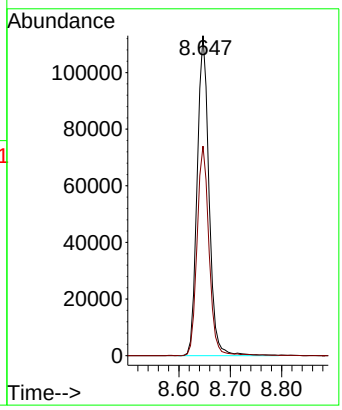
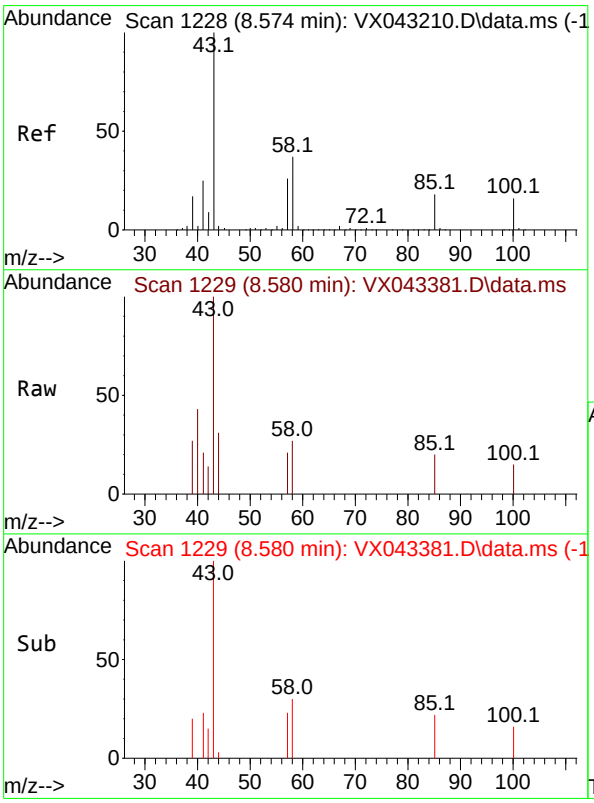
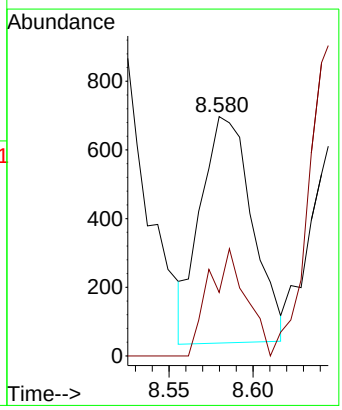


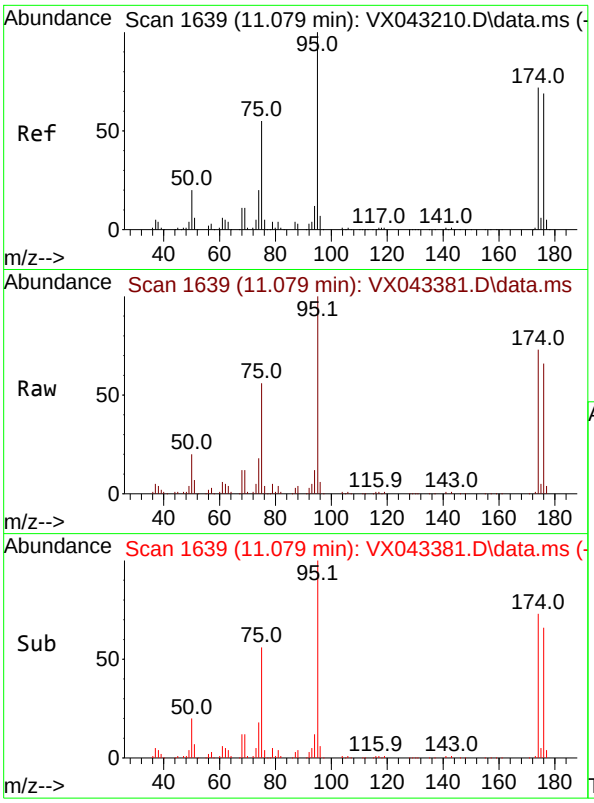


#51
4-Methyl-2-Pentanone
Concen: 0.852 ug/l m
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 43 Resp: 1407

Ion	Ratio	Lower	Upper
43	100		
58	34.1	30.0	45.0

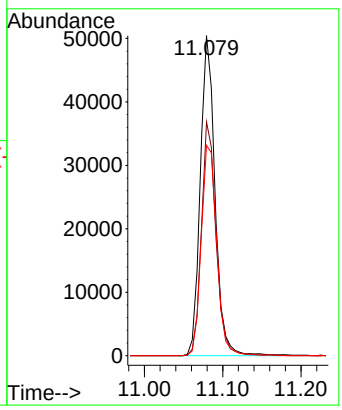




#62
4-Bromofluorobenzene
Concen: 48.210 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion: 95 Resp: 6587

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	145.0
176	69.1	0.0	143.0



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MSVOA_X
ClientSampleId :
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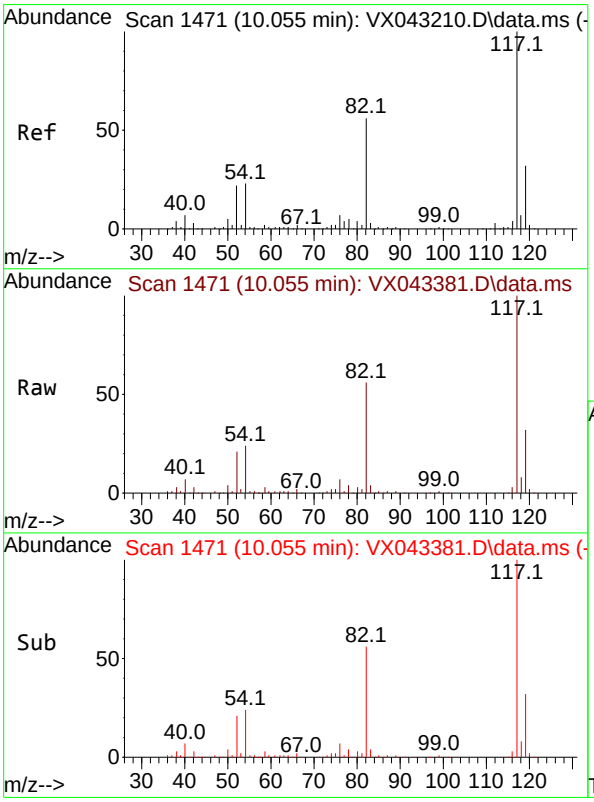
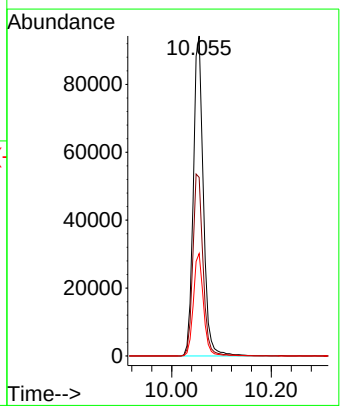
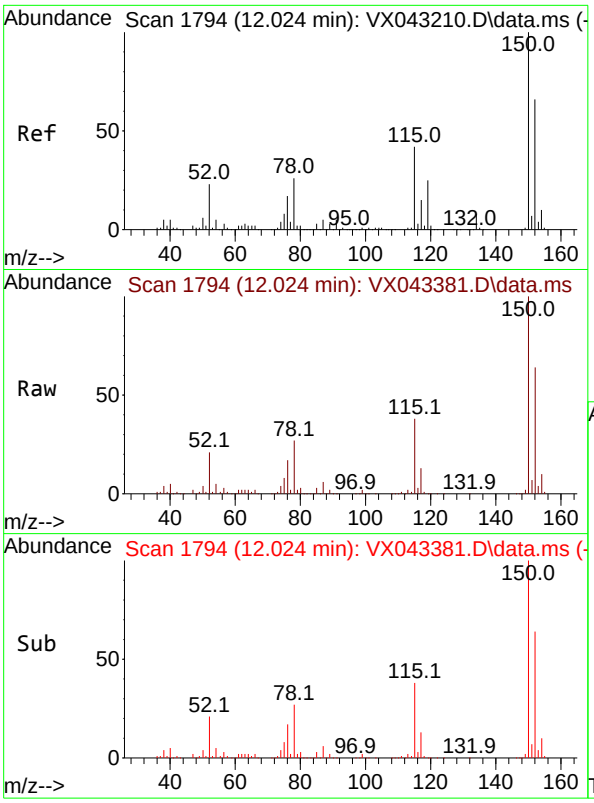


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion:117 Resp: 131496

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.6
119	32.0	25.3	37.9

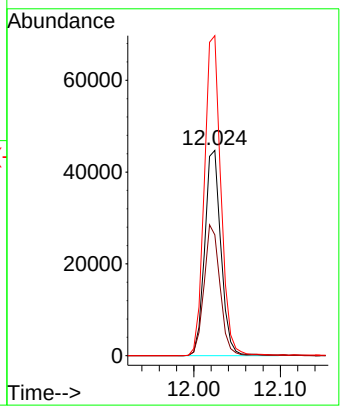




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043381.D
Acq: 14 Oct 2024 15:16

Tgt Ion:152 Resp: 5825

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.1	132.3
150	158.5	0.0	347.4



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ClientSampleId :
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