Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041627.D
Acq On : 23 May 2024 14:35
Operator : JC/MD
Sample : P2584-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 06:44:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.898	128	28661	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	157936	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	140810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	68238	30.233	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	11.079	95	62397	28.386	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.633%			
63) Toluene-d8	8.647	98	178890	29.637	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.800%			
Target Compounds						Qvalue
12) Methyl Acetate	2.709	43	3213	1.455	ug/l #	89
15) Acetone	2.386	58	11855	45.569	ug/l	93
18) Methylene Chloride	2.788	84	2322	1.331	ug/l	92
62) Toluene	8.720	91	4202m	0.600	ug/l	
91) Naphthalene	13.780	128	10323	1.235	ug/l	98

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

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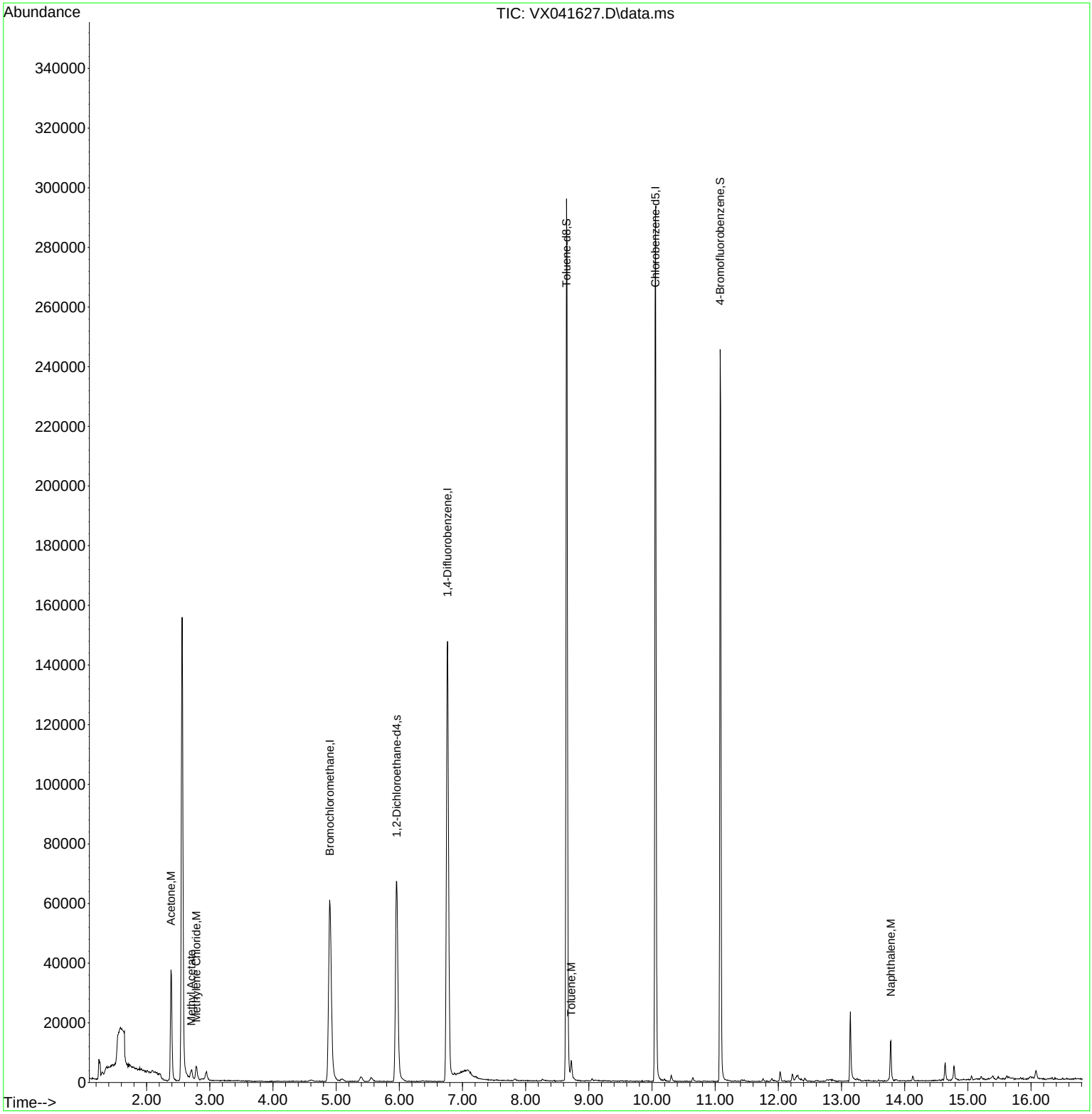

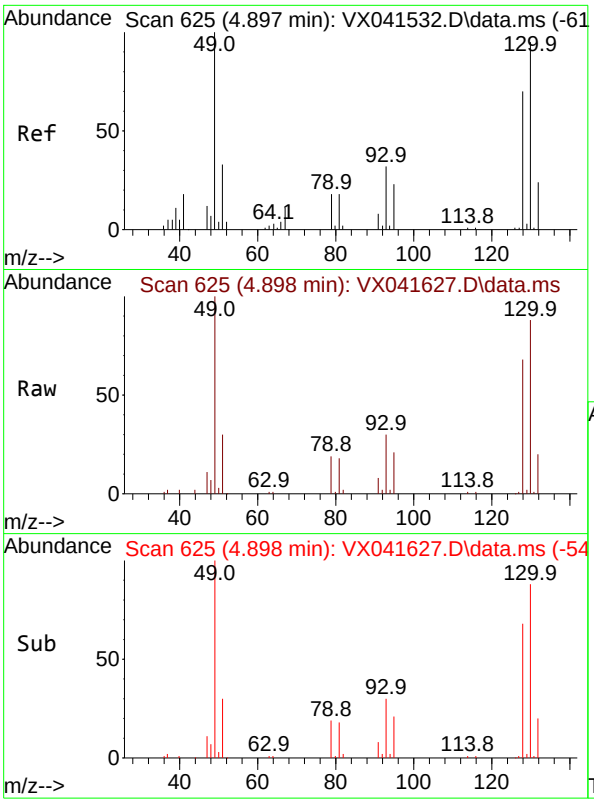

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion:128 Resp: 2866

Ion	Ratio	Lower	Upper
128	100		
49	143.1	0.0	361.5
130	130.5	0.0	324.3

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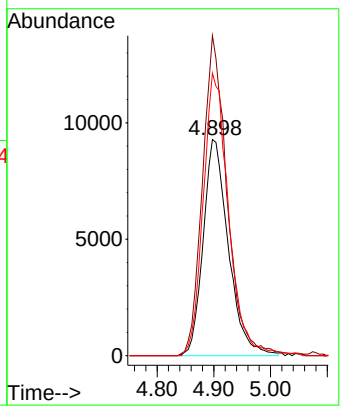
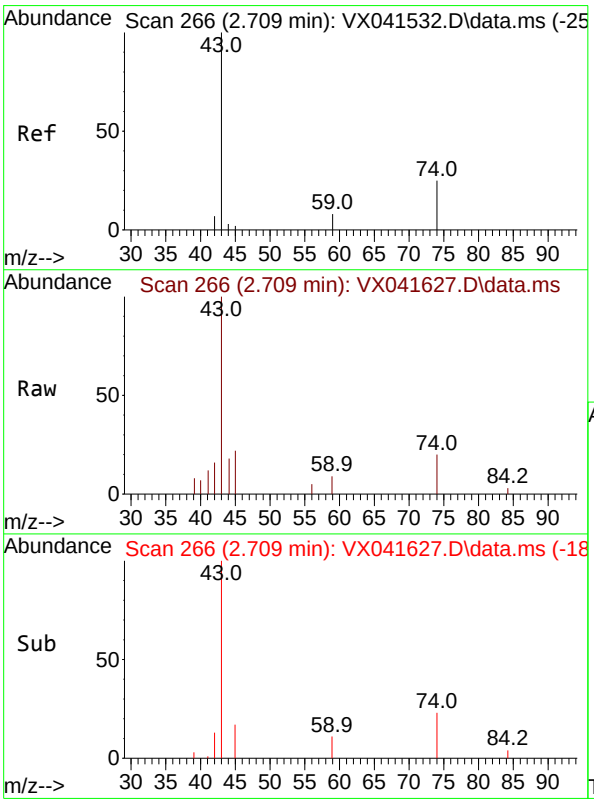
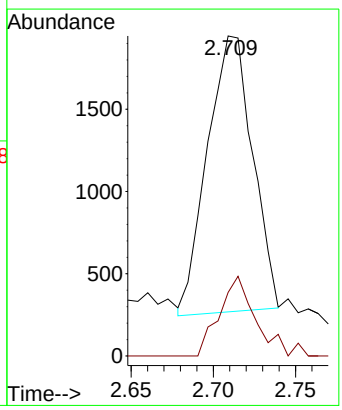


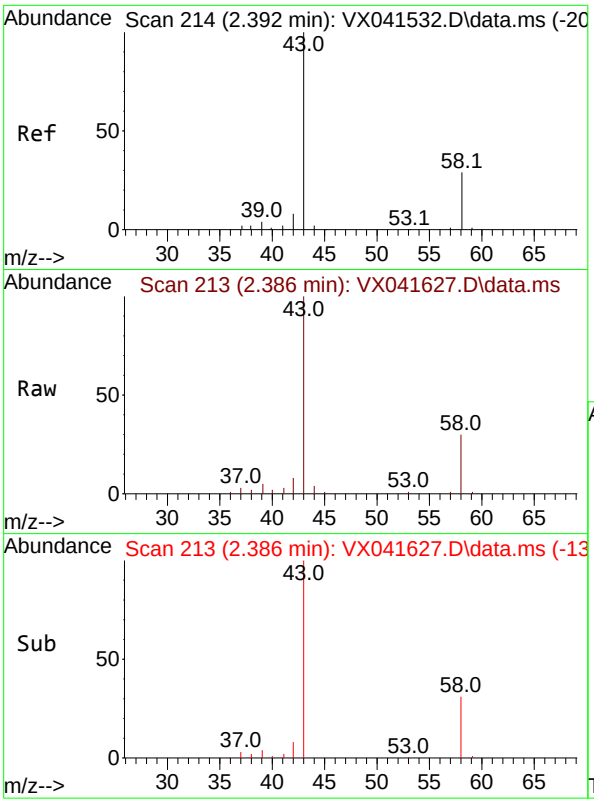


#12
Methyl Acetate
Concen: 1.455 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 43 Resp: 3213

Ion	Ratio	Lower	Upper
43	100		
74	19.4	19.9	29.9#





#15
Acetone
Concen: 45.569 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 58 Resp: 1185

Ion	Ratio	Lower	Upper
58	100		
43	328.3	274.0	411.0

Instrument :
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ClientSampleId :
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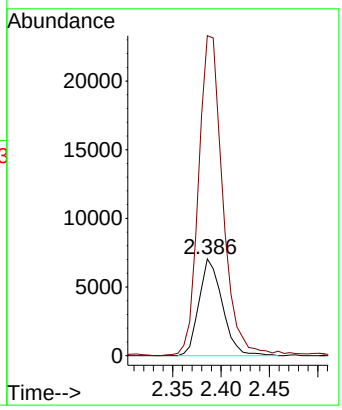
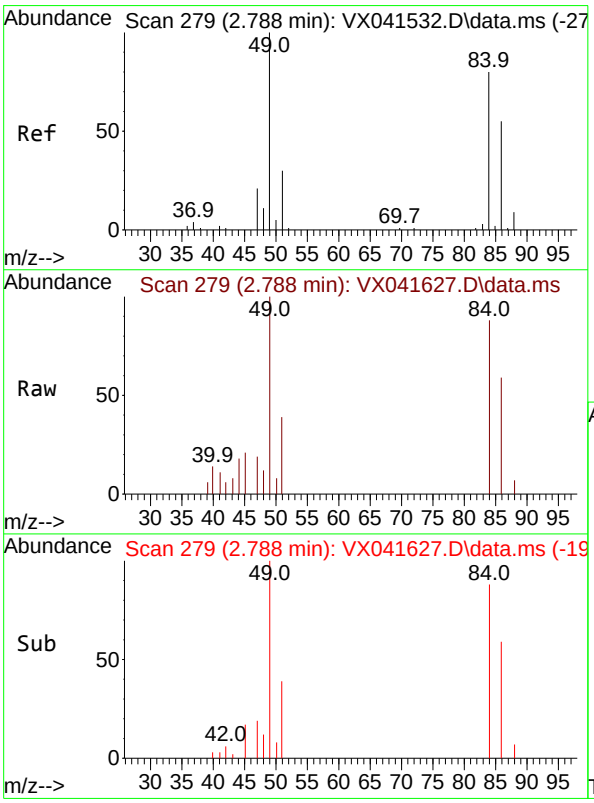
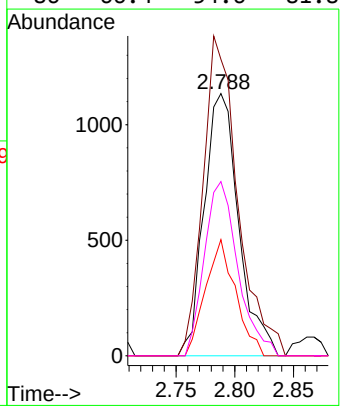


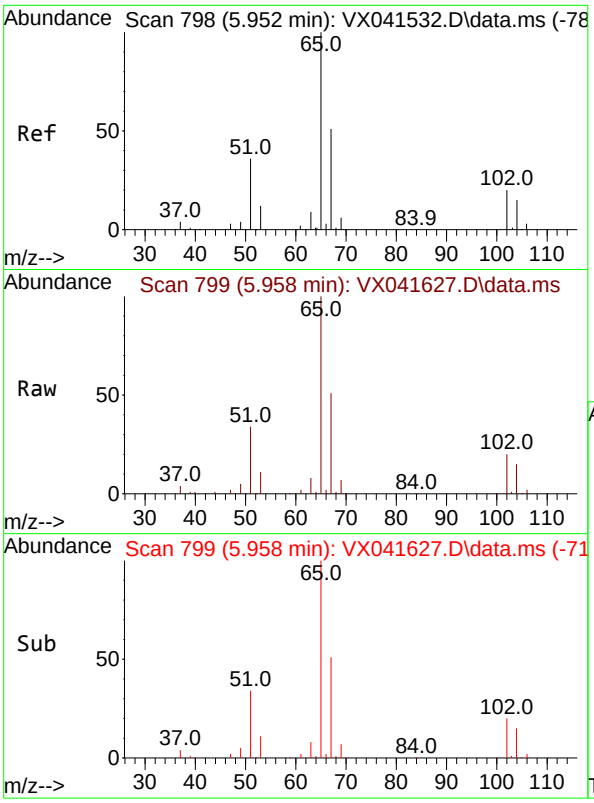


#18
Methylene Chloride
Concen: 1.331 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 84 Resp: 2322

Ion	Ratio	Lower	Upper
84	100		
49	113.0	99.8	149.8
51	44.3	30.2	45.4
86	66.4	54.6	81.8





#27
1,2-Dichloroethane-d4
Concen: 30.233 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 65 Resp: 6823

Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.8	61.2

Instrument :
MSVOA_X
ClientSampleId :
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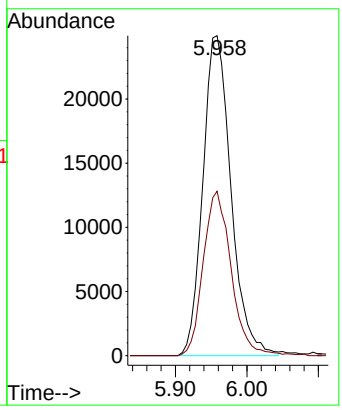
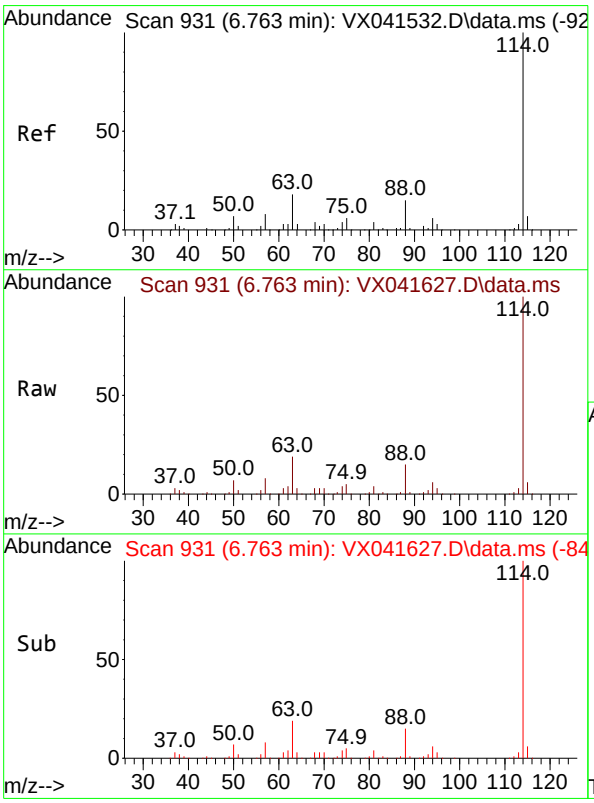
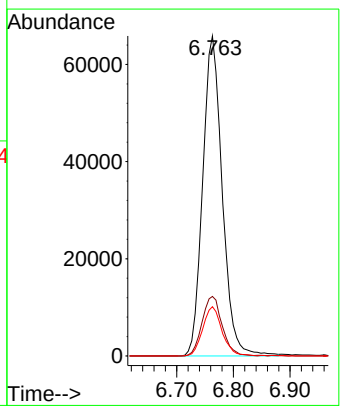


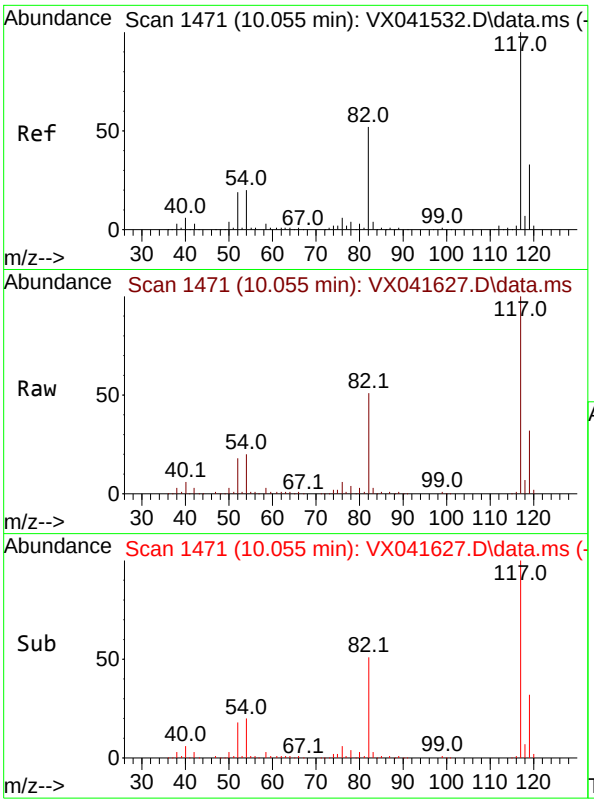


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion:114 Resp: 157936

Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.4	23.0
88	15.2	12.2	18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion:117 Resp: 14081(

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.7	62.5
119	32.4	25.7	38.5

Instrument :
MSVOA_X
ClientSampleId :
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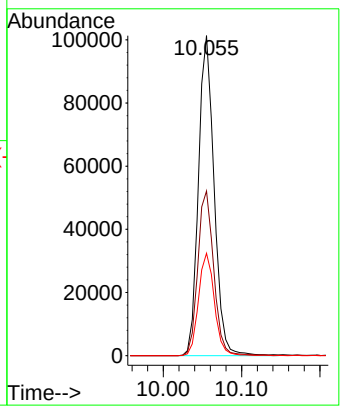
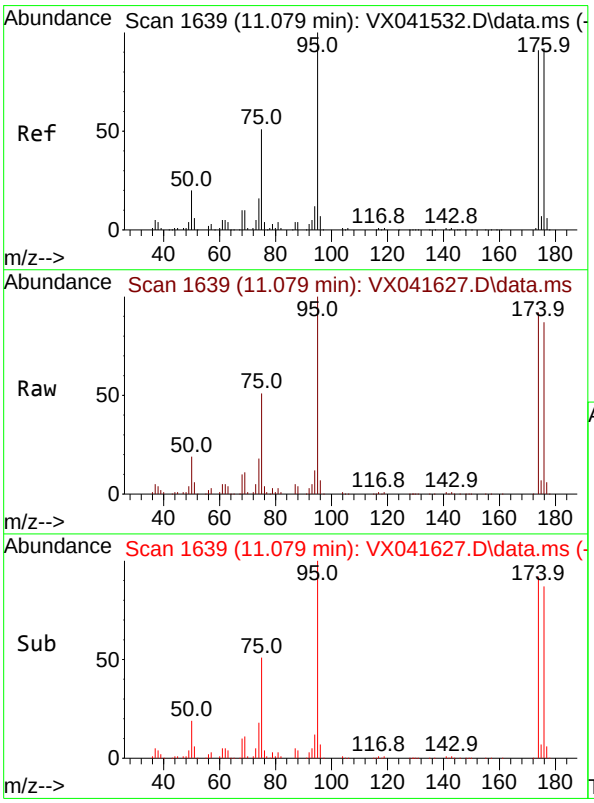
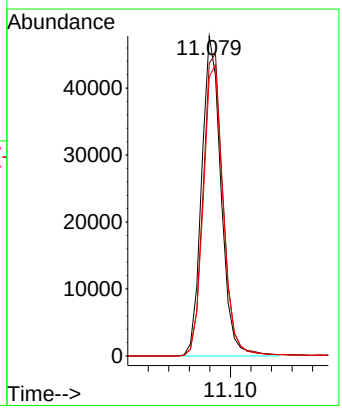


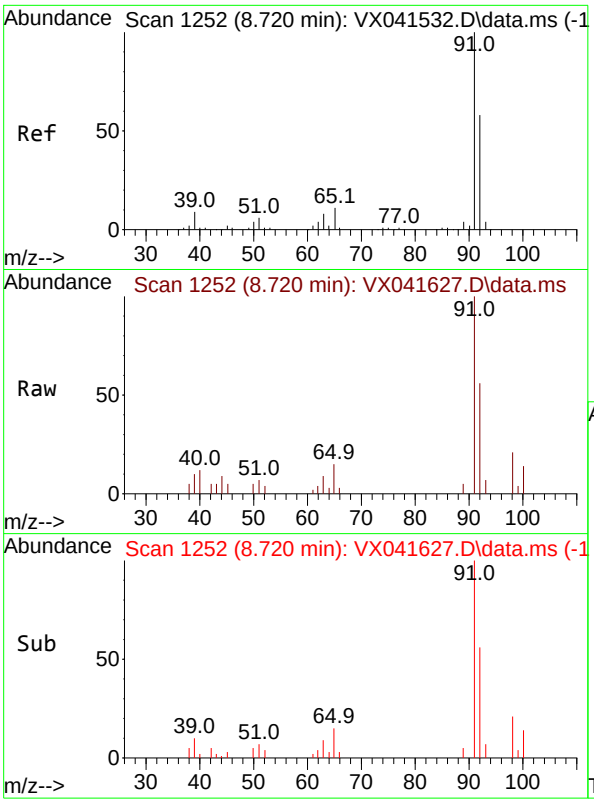


#60
4-Bromofluorobenzene
Concen: 28.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 95 Resp: 62397

Ion	Ratio	Lower	Upper
95	100		
174	97.9	76.6	115.0
176	93.8	75.4	113.0





#62
Toluene
Concen: 0.600 ug/l m
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 91 Resp: 420

Ion	Ratio	Lower	Upper
91	100		
92	57.1	47.0	70.6

Instrument :
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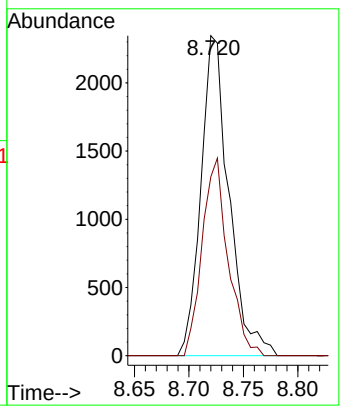
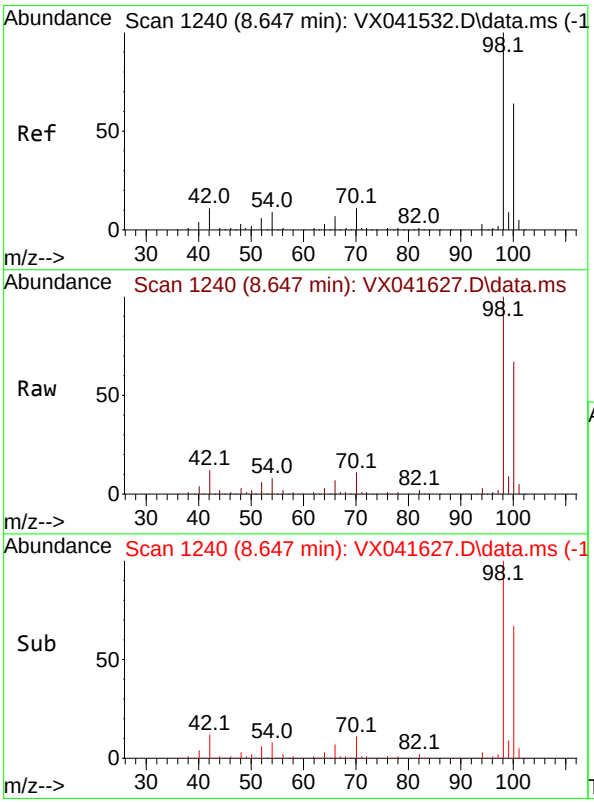
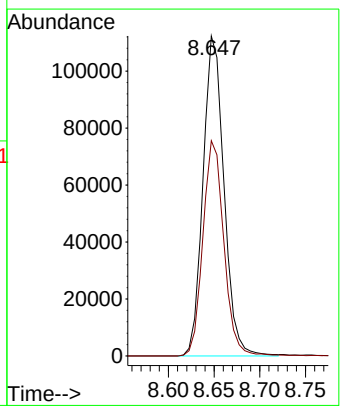


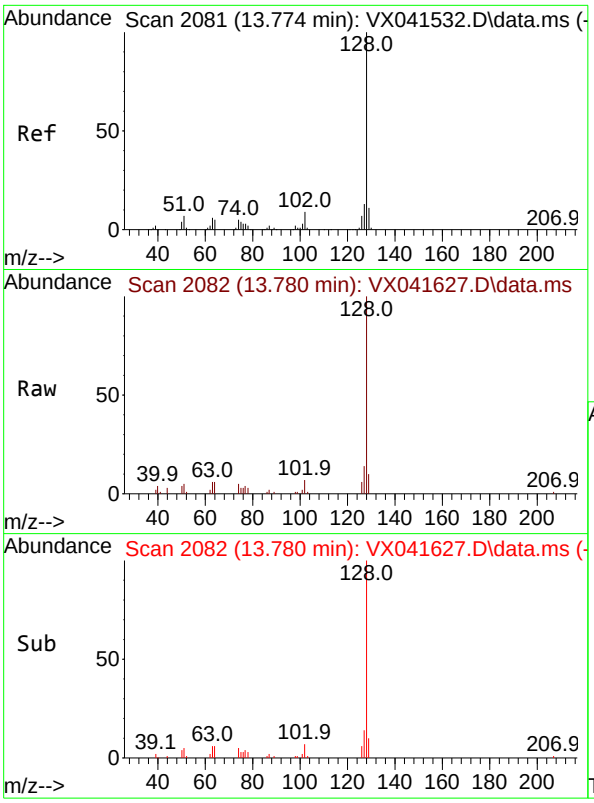


#63
Toluene-d8
Concen: 29.637 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion: 98 Resp: 178890

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7

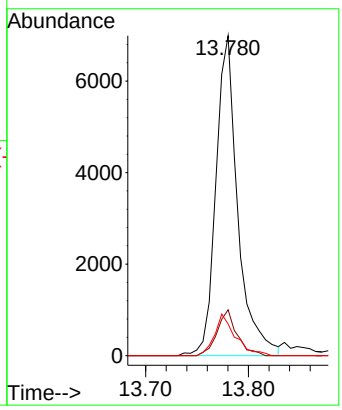




#91
Naphthalene
Concen: 1.235 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX041627.D
Acq: 23 May 2024 14:35

Tgt Ion:128 Resp: 1032

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	12.4	8.8	13.2



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