Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
Data File : VX026407.D
Acq On : 10 Jan 2022 17:03
Operator : JC/MD
Sample : N1046-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Quant Time: Jan 11 04:56:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	20145	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113287	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	97396	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	49884	30.795	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.633%			
60) 4-Bromofluorobenzene	11.079	95	46861	28.830	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.100%			
63) Toluene-d8	8.653	98	133049	29.736	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.133%			
Target Compounds						Qvalue
15) Acetone	2.386	58	98589	495.998	ug/l	99
16) Carbon Disulfide	2.520	76	3326	1.088	ug/l #	93
30) 2-Butanone	4.568	43	8531	8.396	ug/l #	87
58) 4-Methyl-2-Pentanone	8.580	43	7009	3.858	ug/l	98
62) Toluene	8.720	91	23593	4.537	ug/l	96

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

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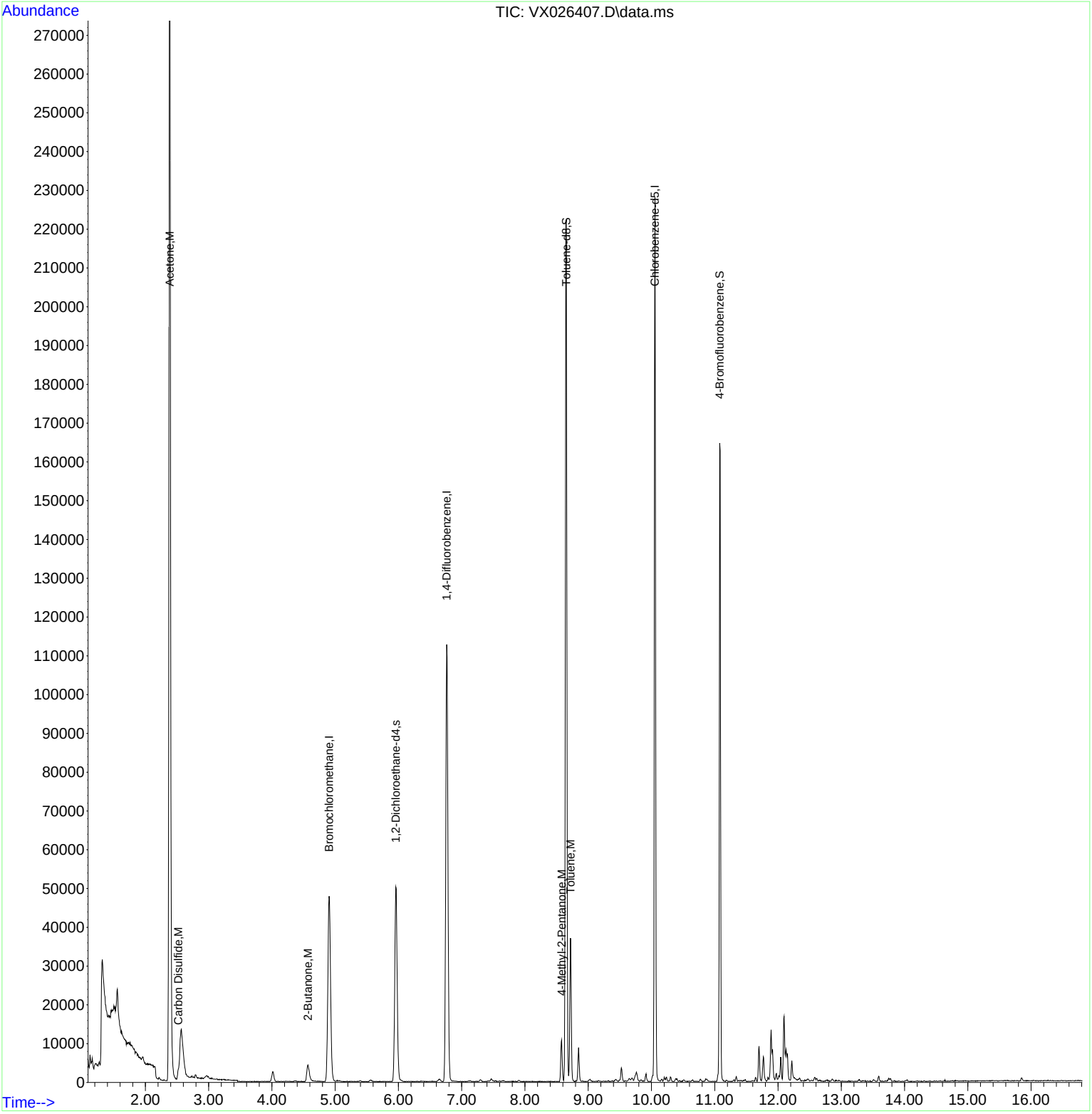
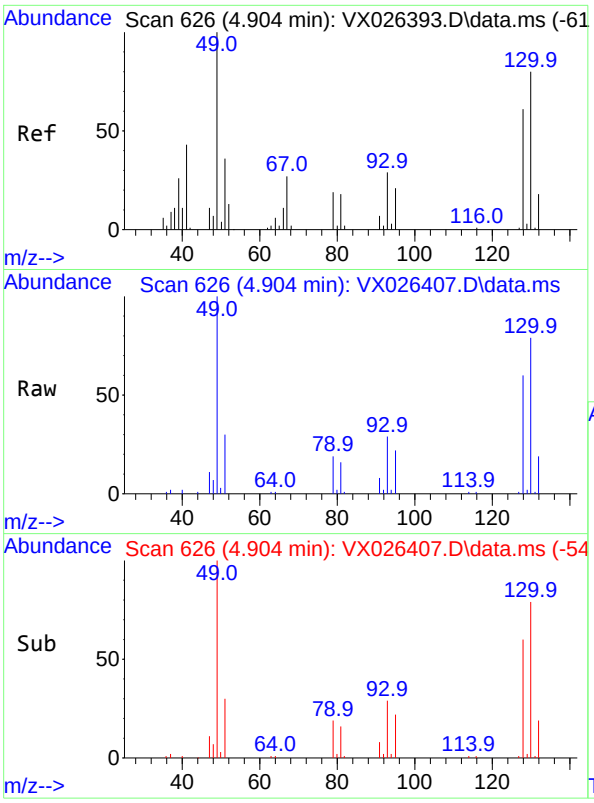


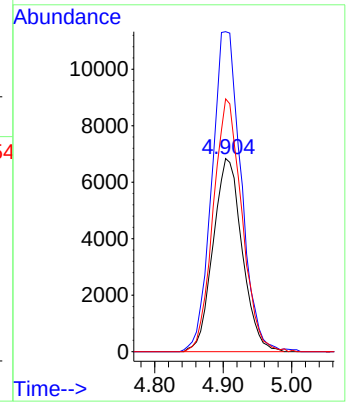


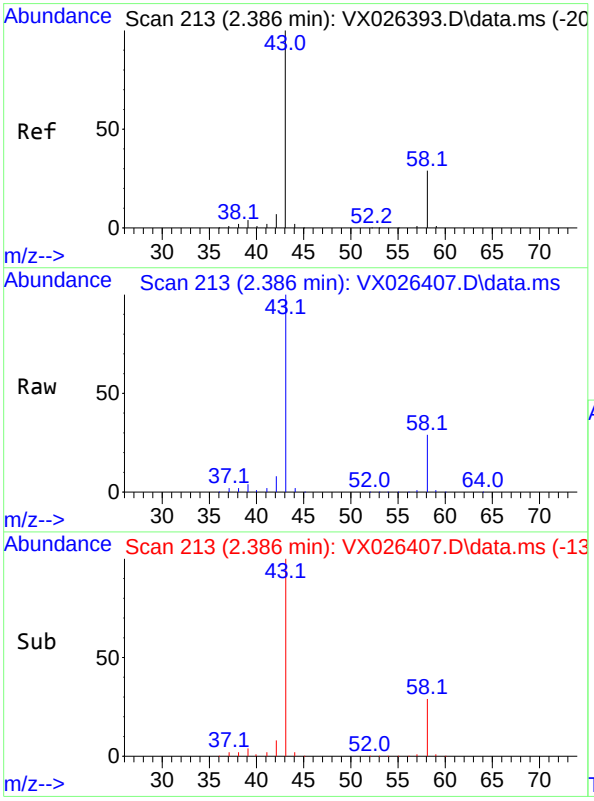
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion:128 Resp: 20145

Ion	Ratio	Lower	Upper
128	100		
49	166.2	0.0	413.5
130	128.8	0.0	326.0

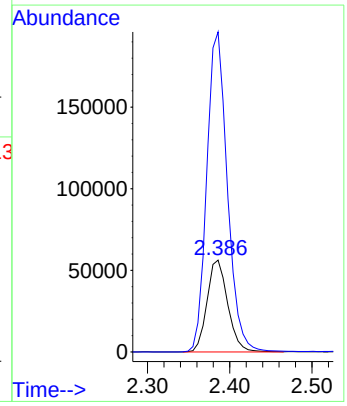


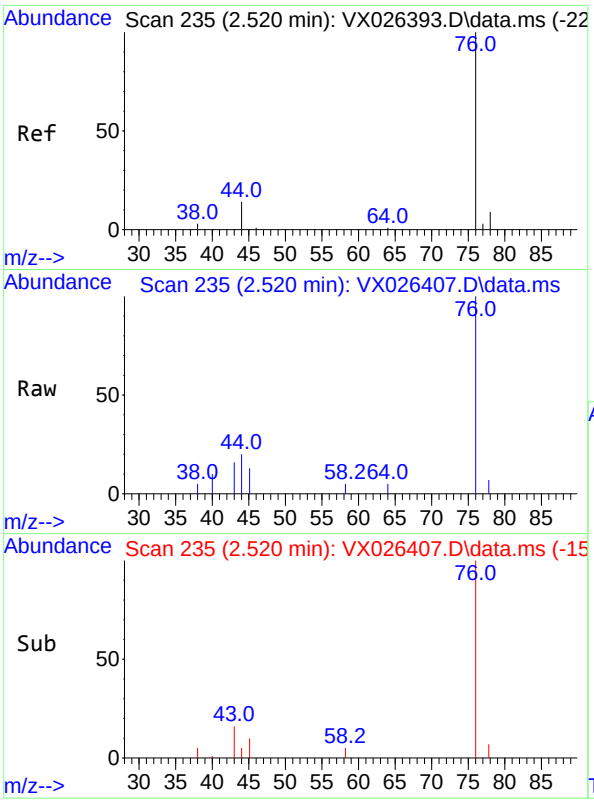


#15
Acetone
Concen: 495.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 58 Resp: 98589

Ion	Ratio	Lower	Upper
58	100		
43	348.6	276.3	414.5



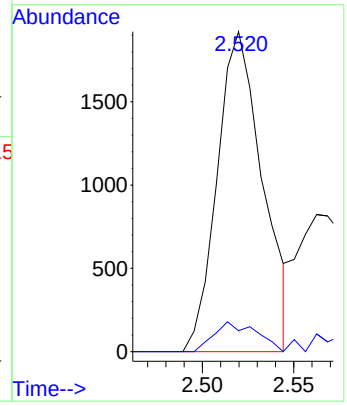


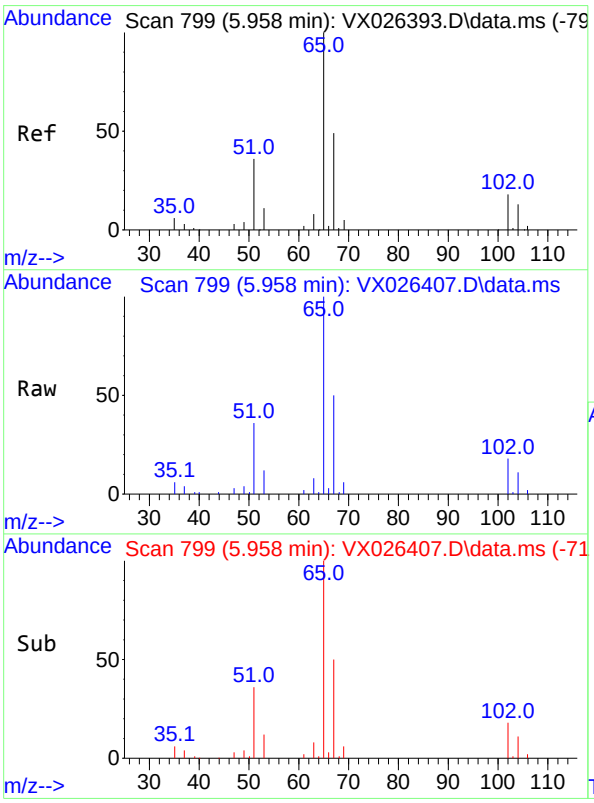
#16
Carbon Disulfide
Concen: 1.088 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion: 76 Resp: 3326

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.3	10.9#

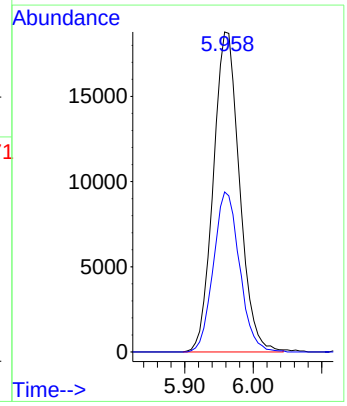


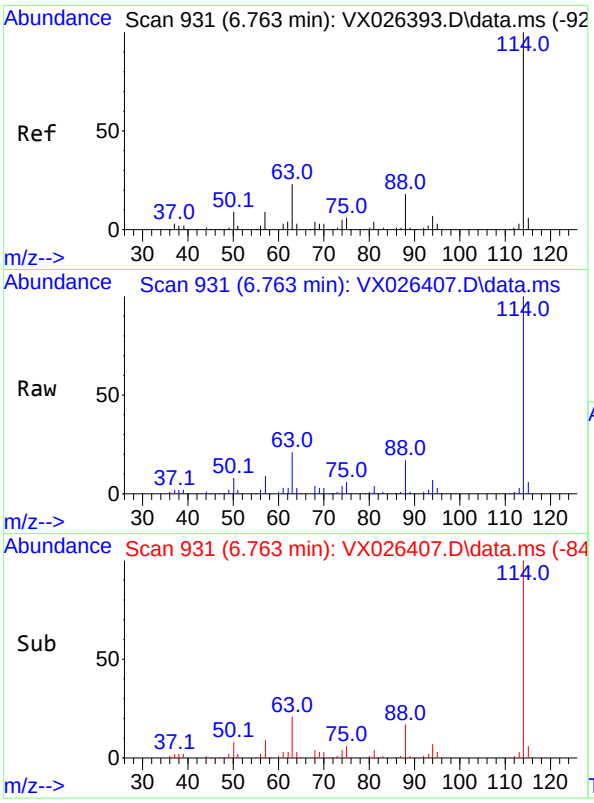


#27
1,2-Dichloroethane-d4
Concen: 30.795 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 65 Resp: 49884

Ion	Ratio	Lower	Upper
65	100		
67	49.9	39.6	59.4



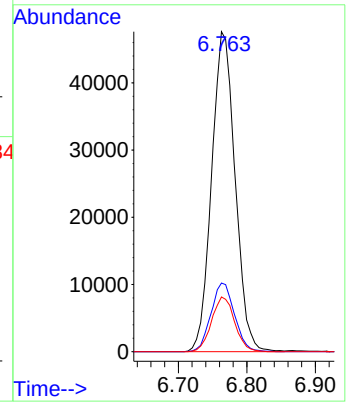


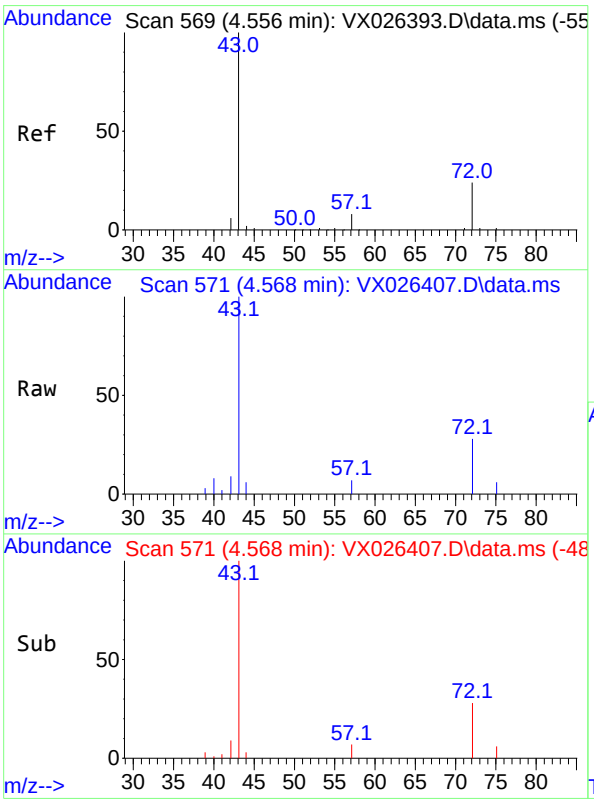
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion:114 Resp: 113287

Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.2
88	16.8	13.5	20.3

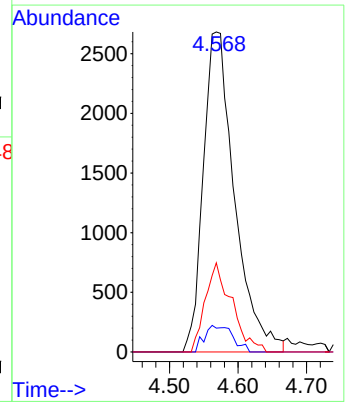


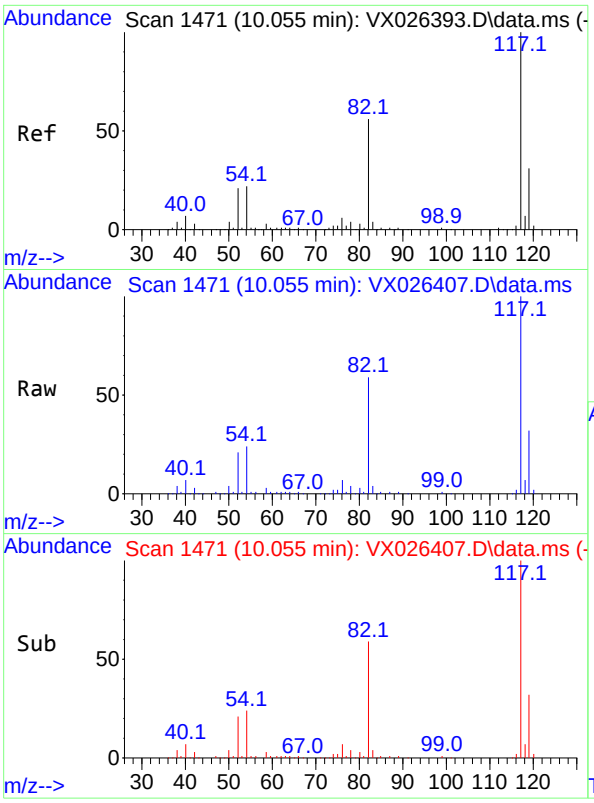


#30
2-Butanone
Concen: 8.396 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 43 Resp: 8531

Ion	Ratio	Lower	Upper
43	100		
57	3.5	6.3	9.5#
72	18.0	19.8	29.6#



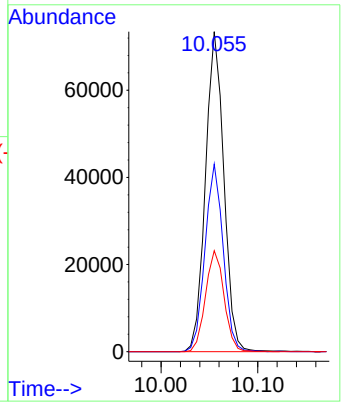


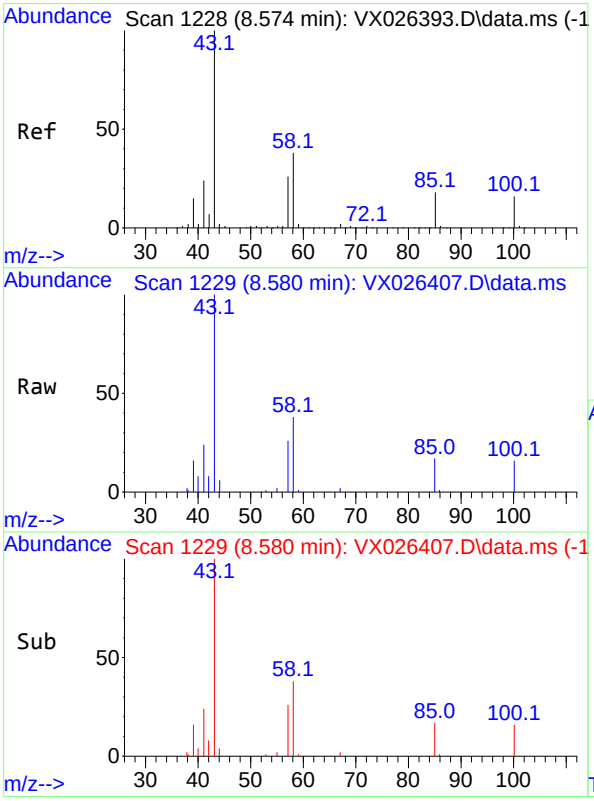
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion:117 Resp: 97396

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.2	69.4
119	31.8	25.4	38.2

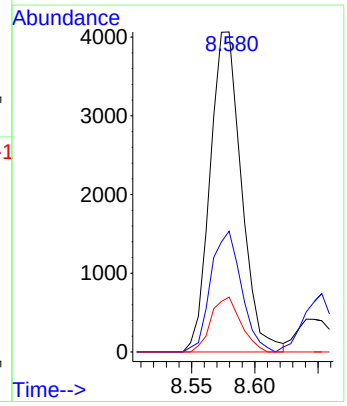


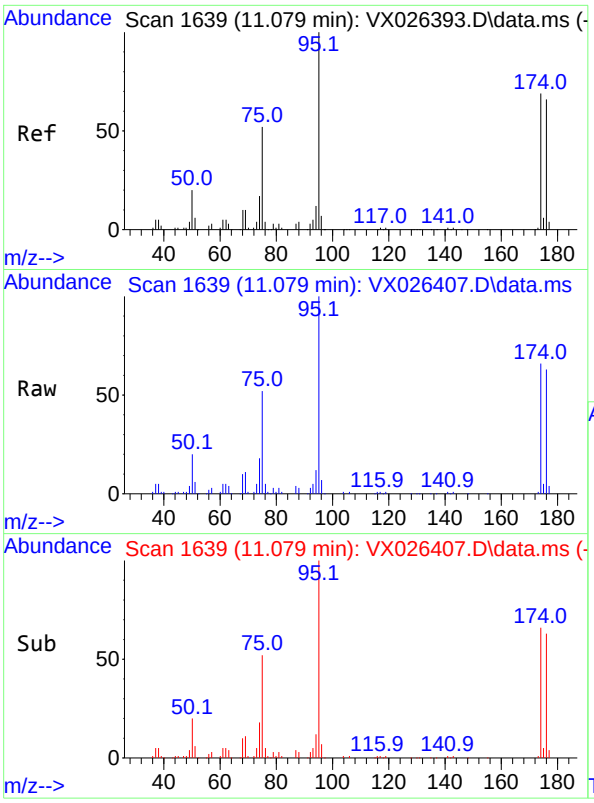


#58
4-Methyl-2-Pentanone
Concen: 3.858 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 43 Resp: 7009

Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.2	45.4
85	16.3	14.1	21.1



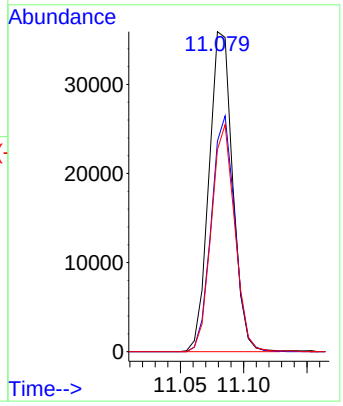


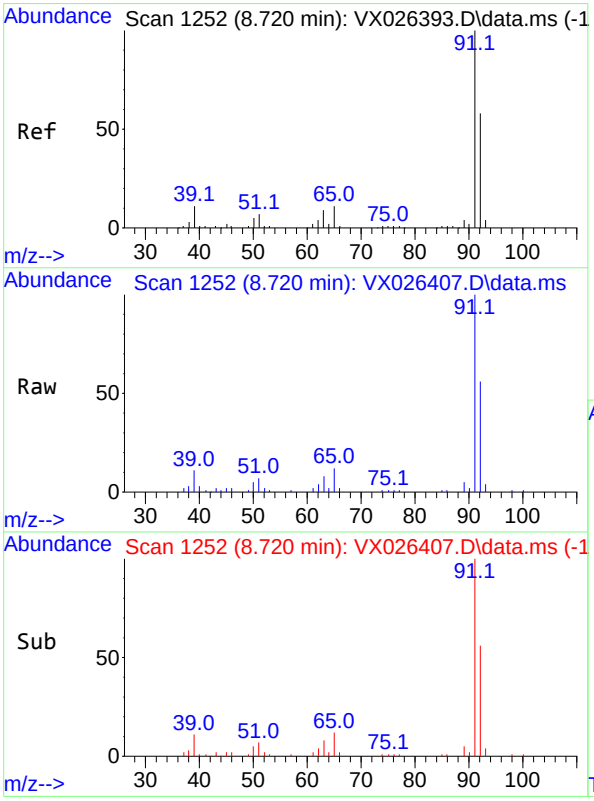
#60
4-Bromofluorobenzene
Concen: 28.830 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion: 95 Resp: 46861

Ion	Ratio	Lower	Upper
95	100		
174	72.8	58.0	87.0
176	70.1	56.5	84.7

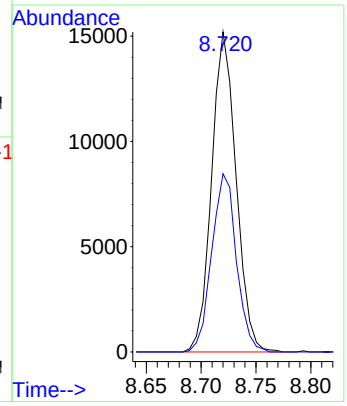


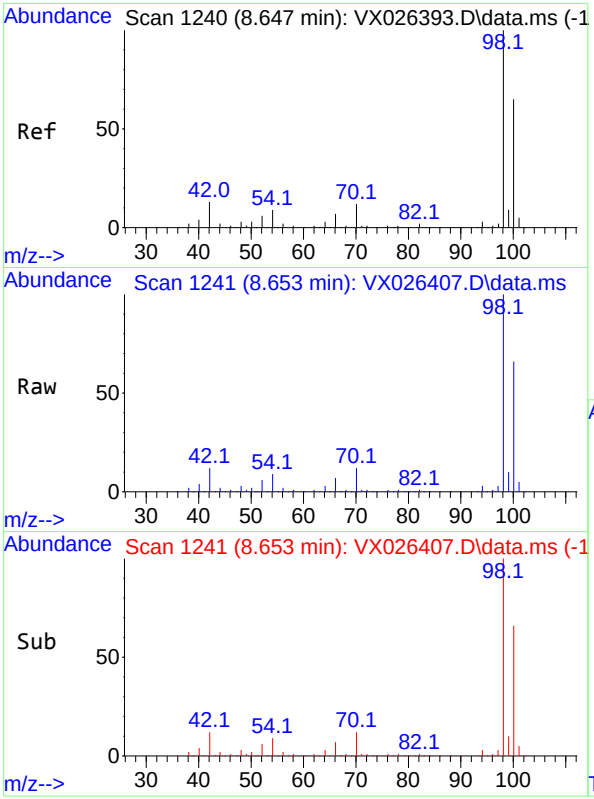


#62
Toluene
Concen: 4.537 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Tgt Ion: 91 Resp: 23593

Ion	Ratio	Lower	Upper
91	100		
92	56.2	47.2	70.8





#63
Toluene-d8
Concen: 29.736 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026407.D
Acq: 10 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

Tgt Ion: 98 Resp: 133049

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7