Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
Data File : VX028536.D
Acq On : 05 May 2022 16:01
Operator : JC/MD
Sample : N2701-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 06 02:27:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	55752	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	299815	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	272909	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	112928	31.850	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.167%			
60) 4-Bromofluorobenzene	11.085	95	119987	28.271	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.233%			
63) Toluene-d8	8.653	98	354015	30.621	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.067%			
Target Compounds						Qvalue
15) Acetone	2.374	58	137758	318.410	ug/l	93
16) Carbon Disulfide	2.520	76	13133	5.287	ug/l	98
30) 2-Butanone	4.568	43	15595	7.759	ug/l #	83
58) 4-Methyl-2-Pentanone	8.580	43	8544	2.152	ug/l	97
62) Toluene	8.720	91	3566	0.301	ug/l	95
67) m/p-Xylenes	10.305	106	1375	0.246	ug/l	79
80) 1,2,4-Trimethylbenzene	11.756	105	4871	0.391	ug/l	85

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
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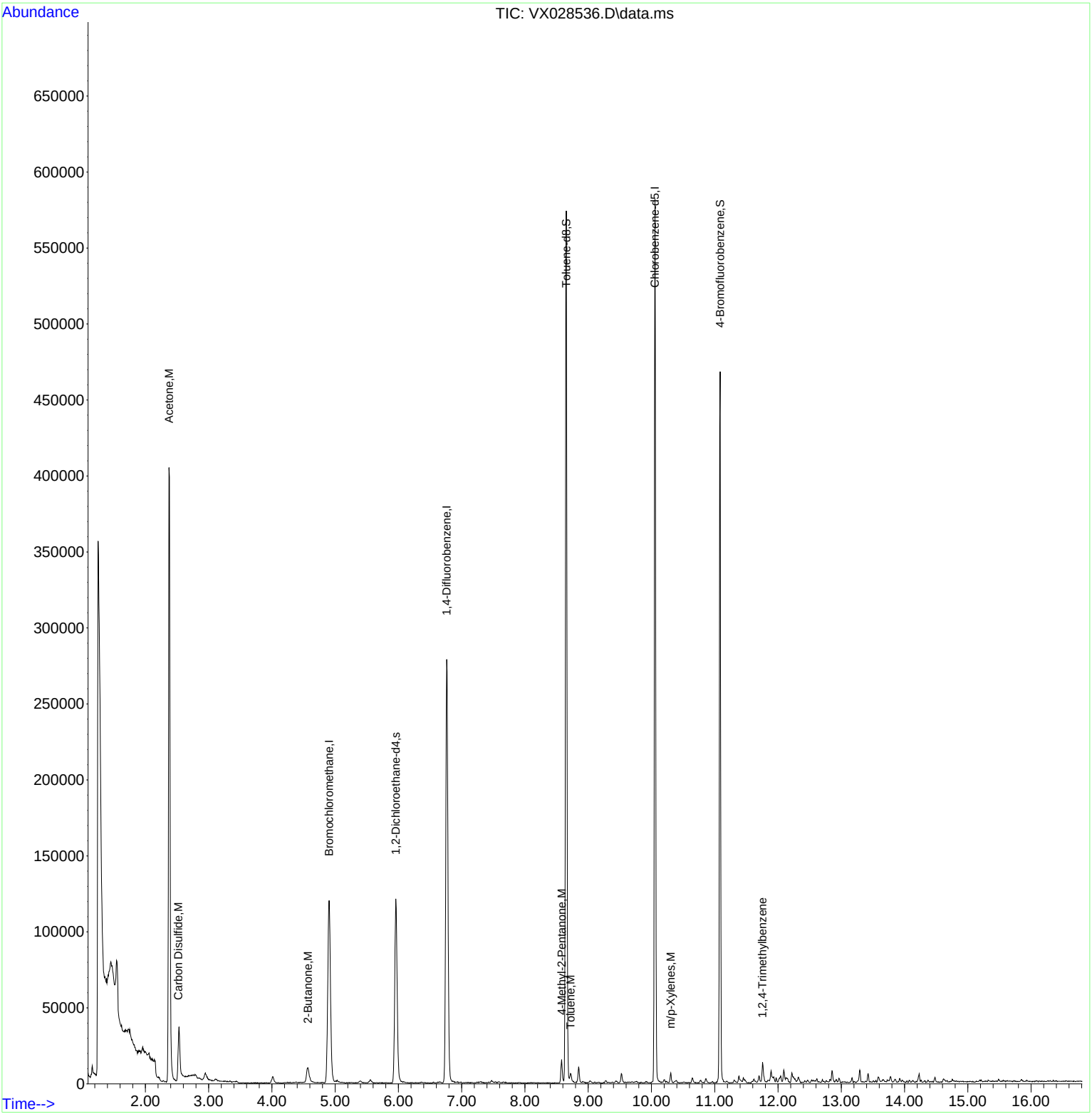
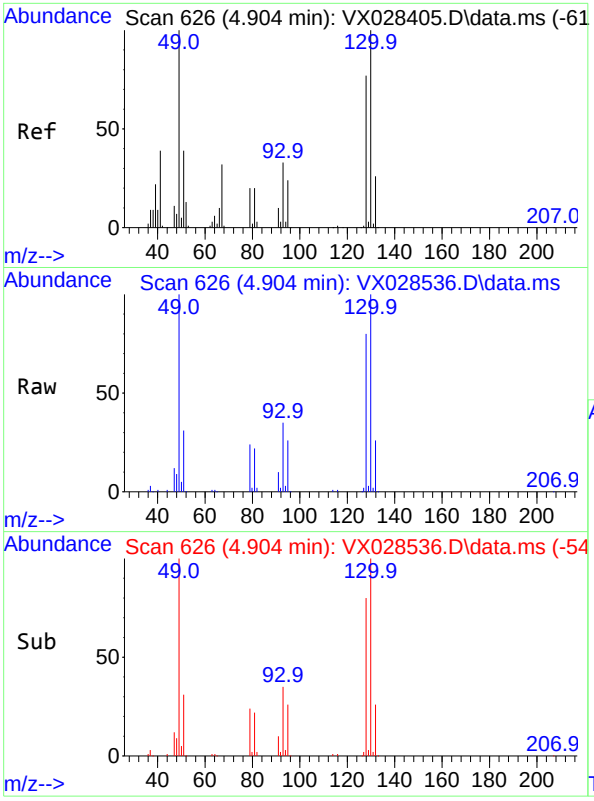


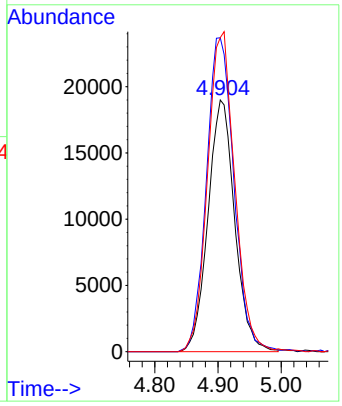


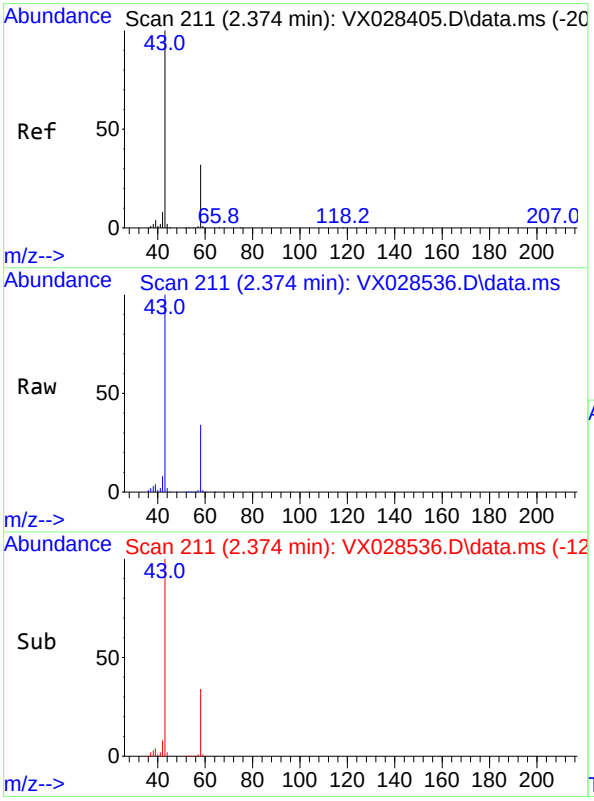
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion:128 Resp: 55752

Ion	Ratio	Lower	Upper
128	100		
49	128.9	0.0	358.3
130	129.0	0.0	319.3

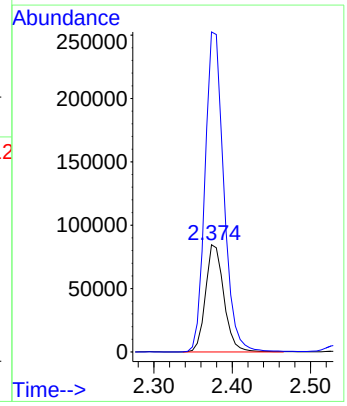


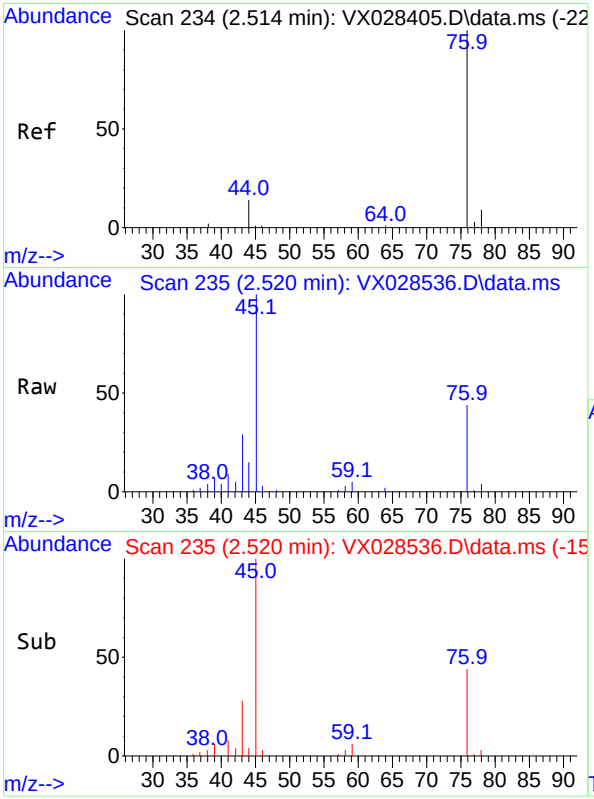


#15
Acetone
Concen: 318.410 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion: 58 Resp: 137758

Ion	Ratio	Lower	Upper
58	100		
43	298.4	250.2	375.2



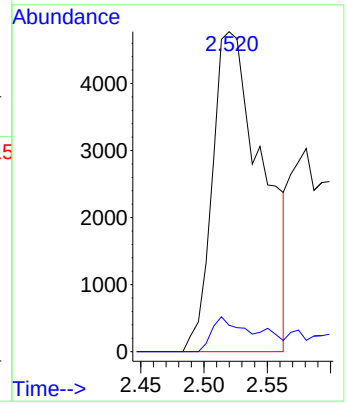


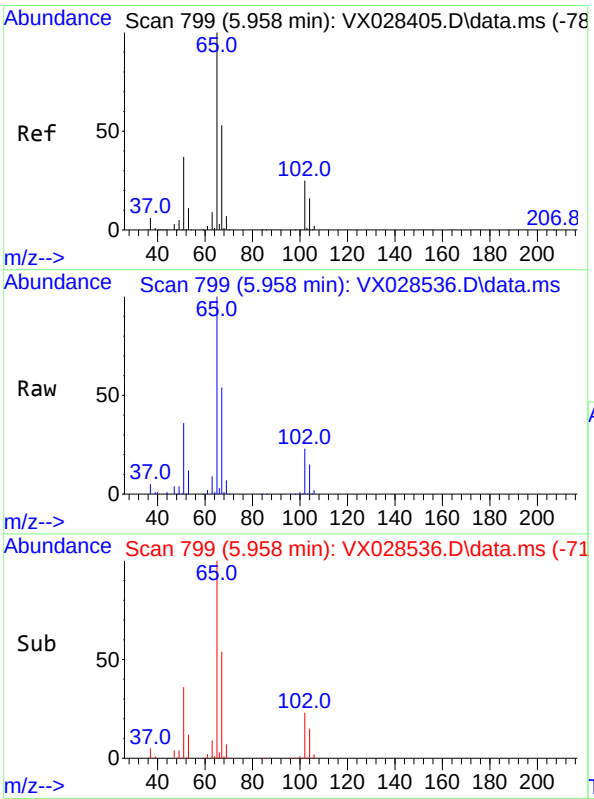
#16
Carbon Disulfide
Concen: 5.287 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion: 76 Resp: 13133

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.1	10.7

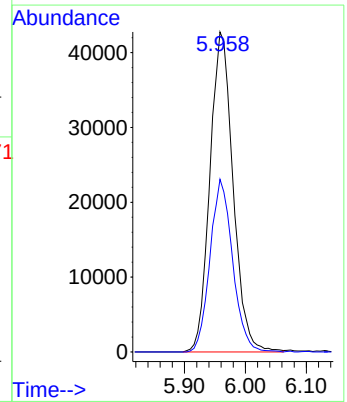


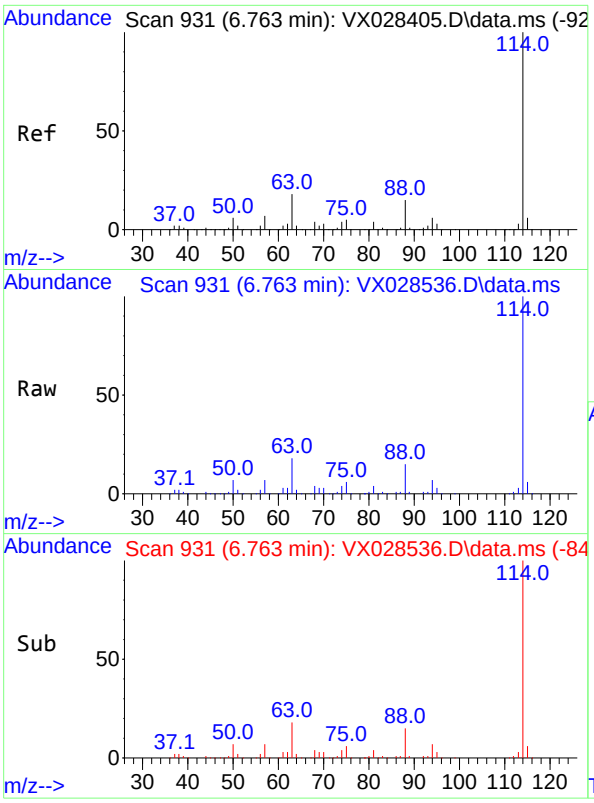


#27
1,2-Dichloroethane-d4
Concen: 31.850 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion: 65 Resp: 112928

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.3	63.5



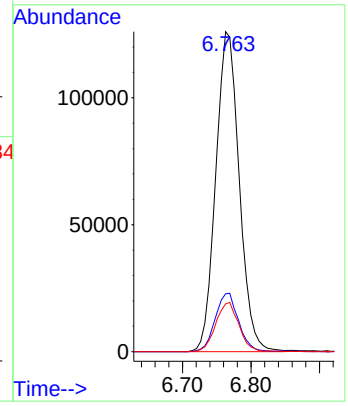


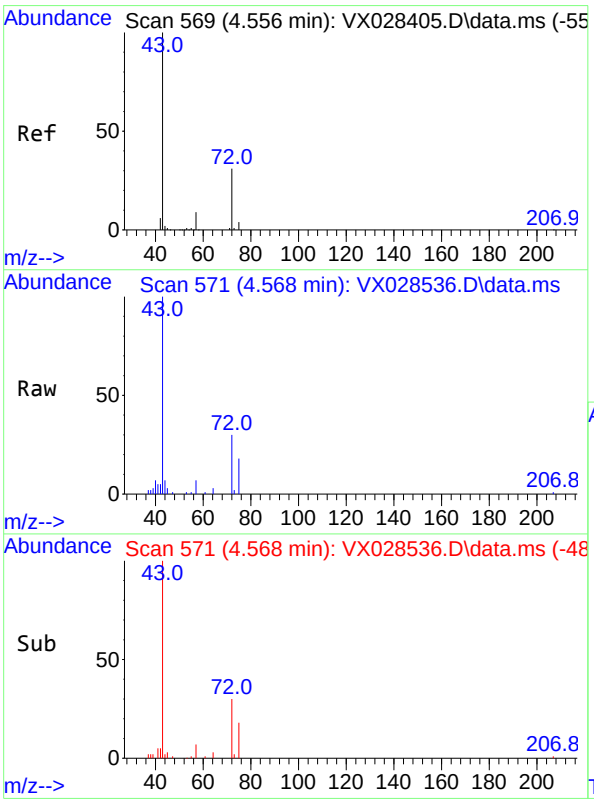
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion:114 Resp: 299815

Ion	Ratio	Lower	Upper
114	100		
63	18.2	15.3	22.9
88	15.1	12.2	18.4

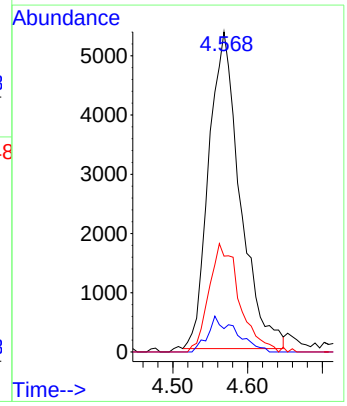


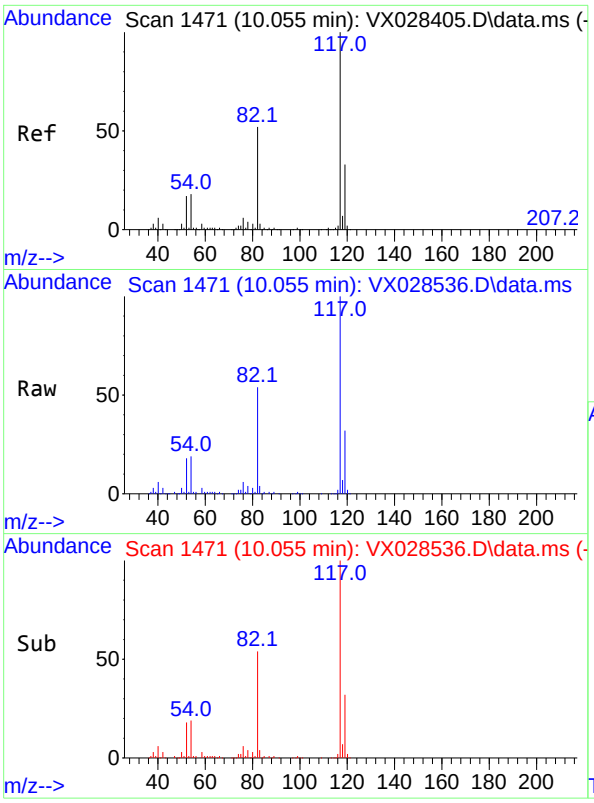


#30
2-Butanone
Concen: 7.759 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion: 43 Resp: 15595

Ion	Ratio	Lower	Upper
43	100		
57	4.8	6.6	10.0#
72	17.6	22.1	33.1#



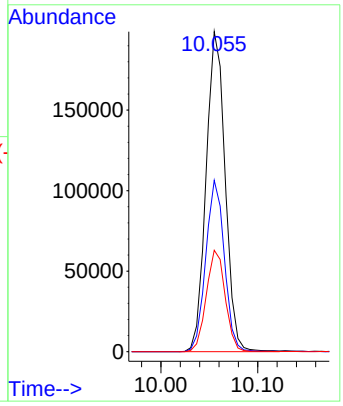


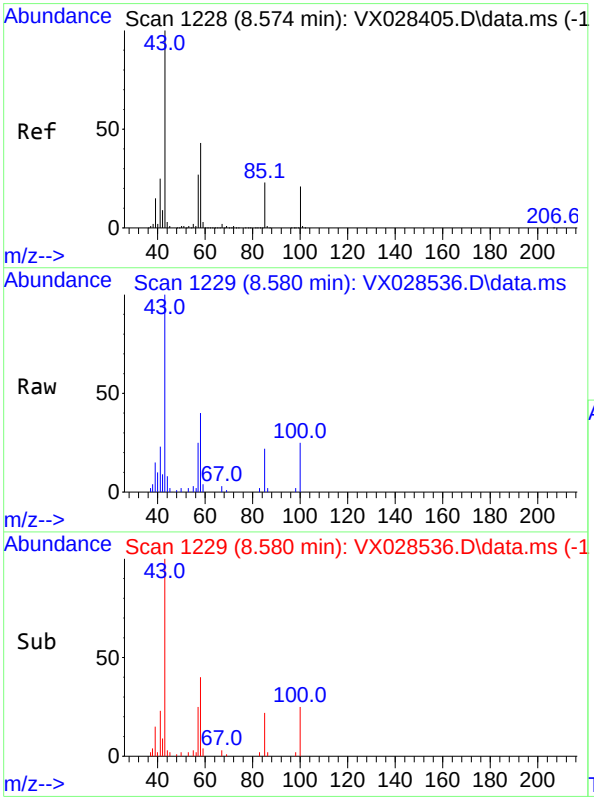
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion:117 Resp: 272909

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.3	63.5
119	31.6	26.2	39.2

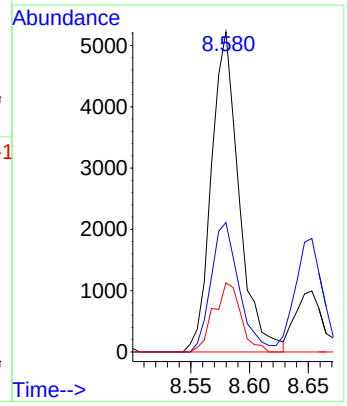


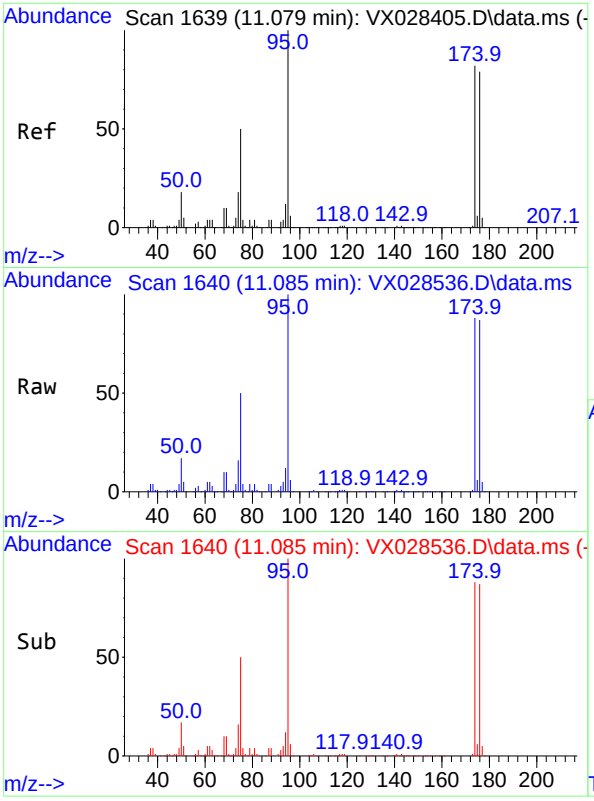


#58
4-Methyl-2-Pentanone
Concen: 2.152 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion: 43 Resp: 8544

Ion	Ratio	Lower	Upper
43	100		
58	41.2	31.8	47.6
85	21.1	15.8	23.6



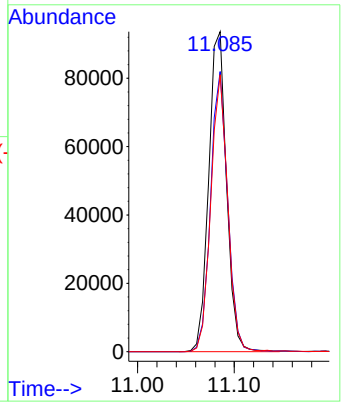


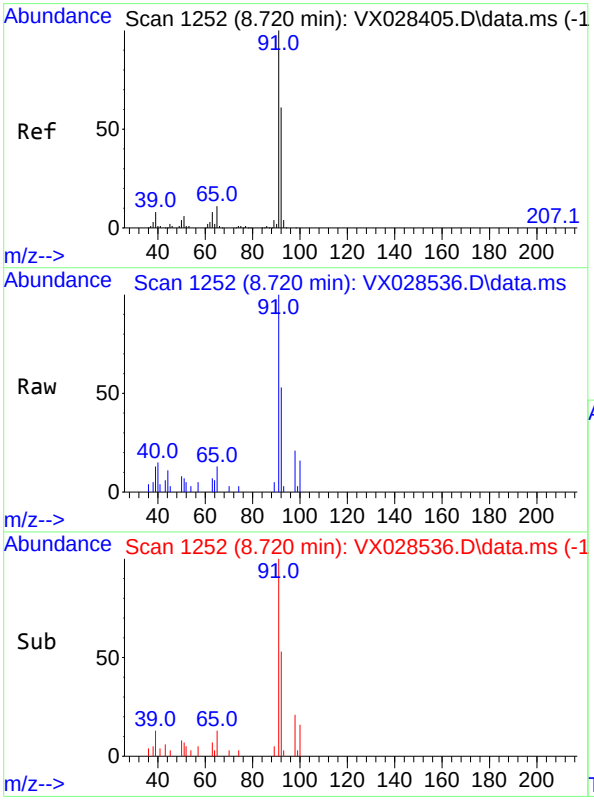
#60
4-Bromofluorobenzene
Concen: 28.271 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion: 95 Resp: 119987

Ion	Ratio	Lower	Upper
95	100		
174	84.0	65.4	98.2
176	82.0	63.4	95.0

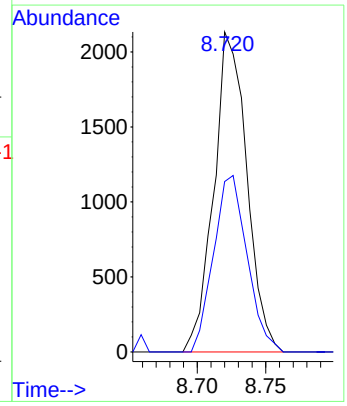


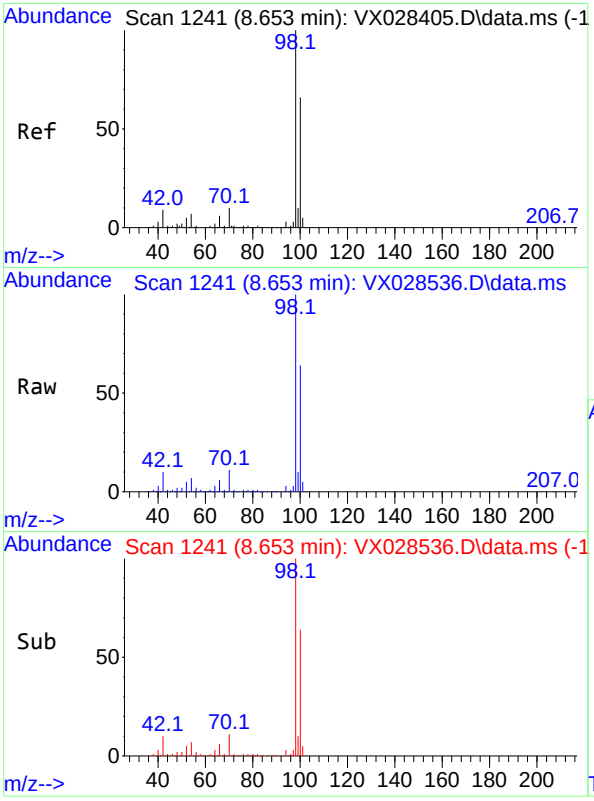


#62
Toluene
Concen: 0.301 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion: 91 Resp: 3566

Ion	Ratio	Lower	Upper
91	100		
92	56.3	48.1	72.1



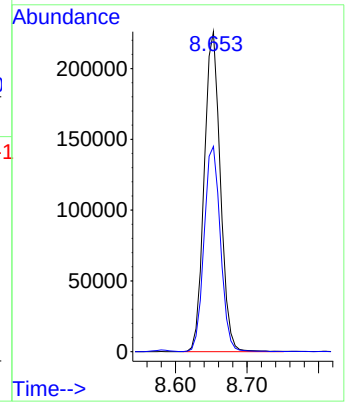


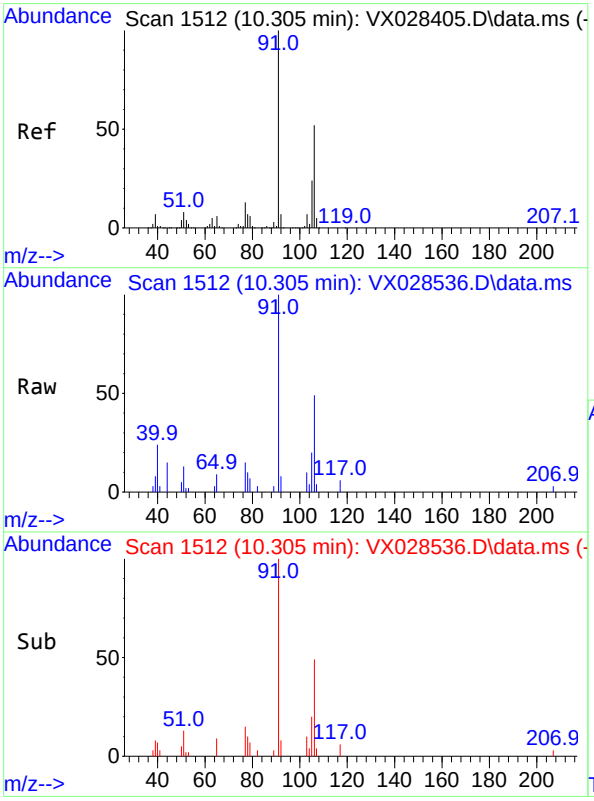
#63
Toluene-d8
Concen: 30.621 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion: 98 Resp: 354015

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2

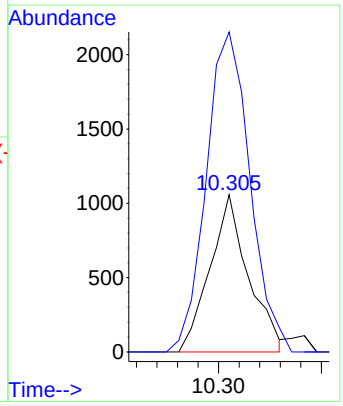


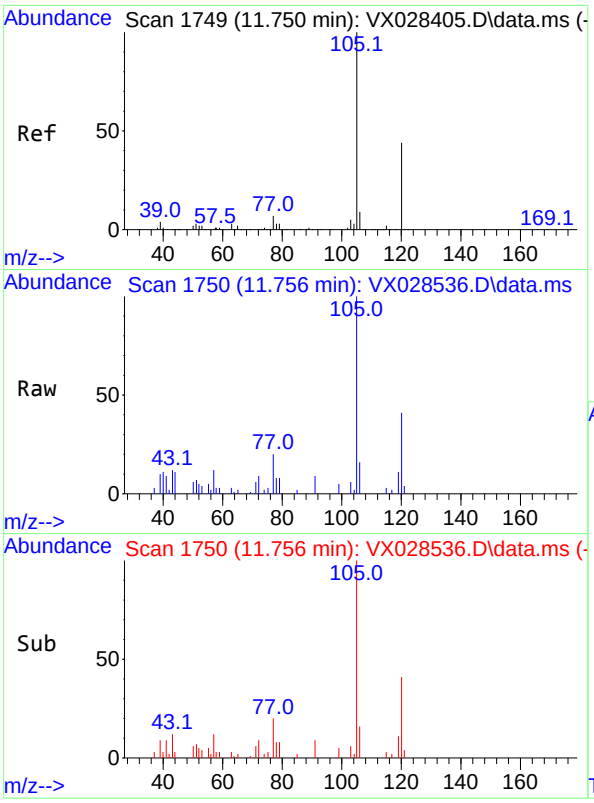


#67
m/p-Xylenes
Concen: 0.246 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

Tgt Ion:106 Resp: 1375

Ion	Ratio	Lower	Upper
106	100		
91	230.9	159.5	239.3





#80
1,2,4-Trimethylbenzene
Concen: 0.391 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028536.D
Acq: 05 May 2022 16:01

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

Tgt Ion:105 Resp: 4871

Ion	Ratio	Lower	Upper
105	100		
120	34.7	0.0	89.6