Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
Data File : VX031131.D
Acq On : 06 Sep 2022 16:26
Operator : JC/MD
Sample : N4489-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Quant Time: Sep 06 17:30:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	231777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	356777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140008	46.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.900%			
35) Dibromofluoromethane	5.385	113	130536	50.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.647	98	458484	47.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.700%			
62) 4-Bromofluorobenzene	11.079	95	159217	47.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	25402	22.595	ug/l	95
16) Acetone	2.386	43	624869	542.752	ug/l	100
25) 2-Butanone	4.544	43	274778	154.596	ug/l #	89
37) Ethyl Acetate	4.715	43	161850	51.078	ug/l #	91
52) Toluene	8.720	92	4689	0.691	ug/l	98
59) 2-Hexanone	9.433	43	32119	13.341	ug/l	89
67) Ethyl Benzene	10.195	91	5516	0.421	ug/l	96
68) m/p-Xylenes	10.299	106	9462	1.841	ug/l	99
69) o-Xylene	10.646	106	5221	1.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	16388m	1.714	ug/l	

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

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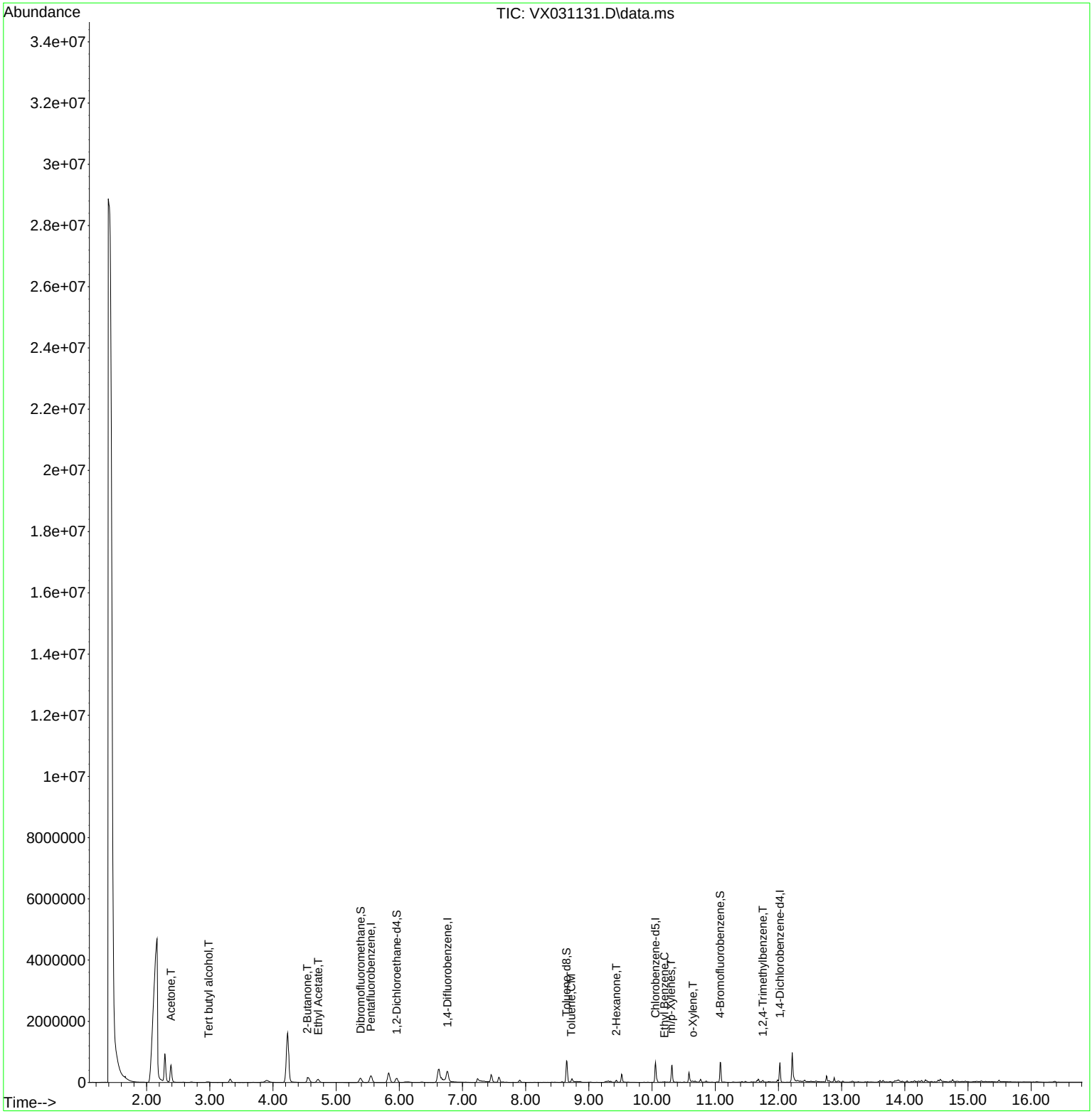
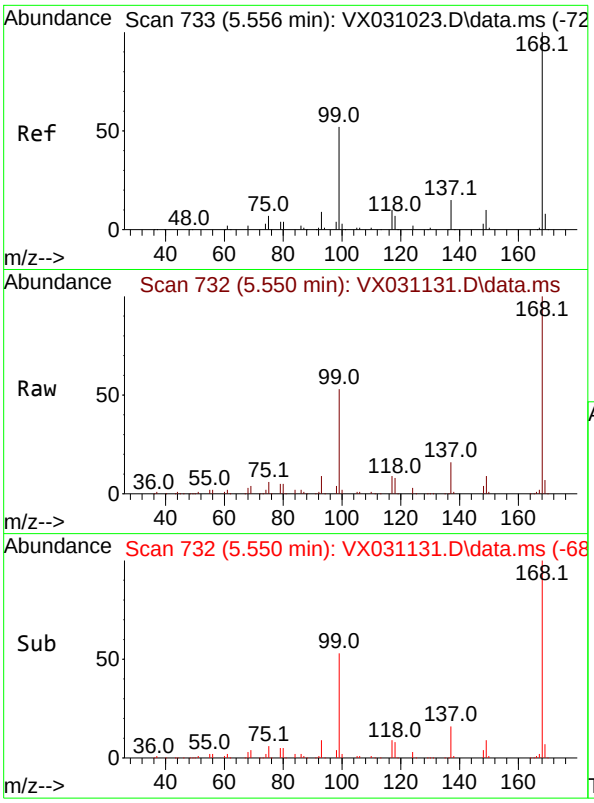
ClientSampleId :
ORA-0045

Quant Time: Sep 06 17:30:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



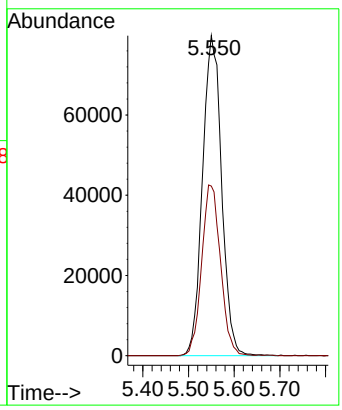


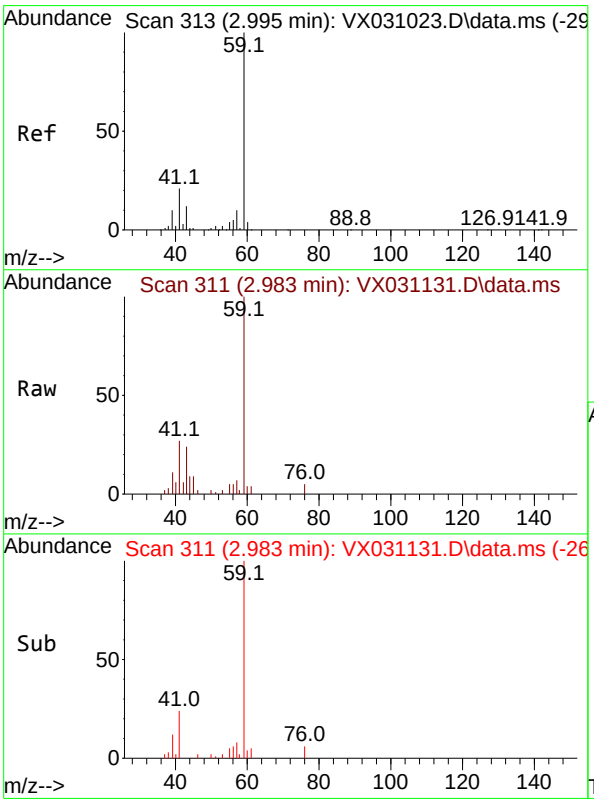
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion:168 Resp: 231777

Ion	Ratio	Lower	Upper
168	100		
99	53.0	44.0	66.0

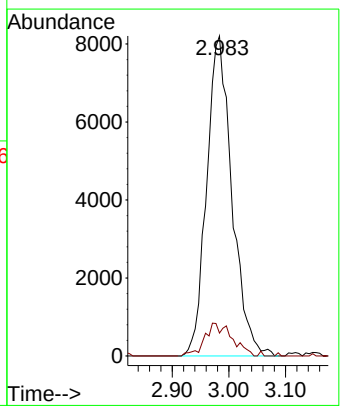


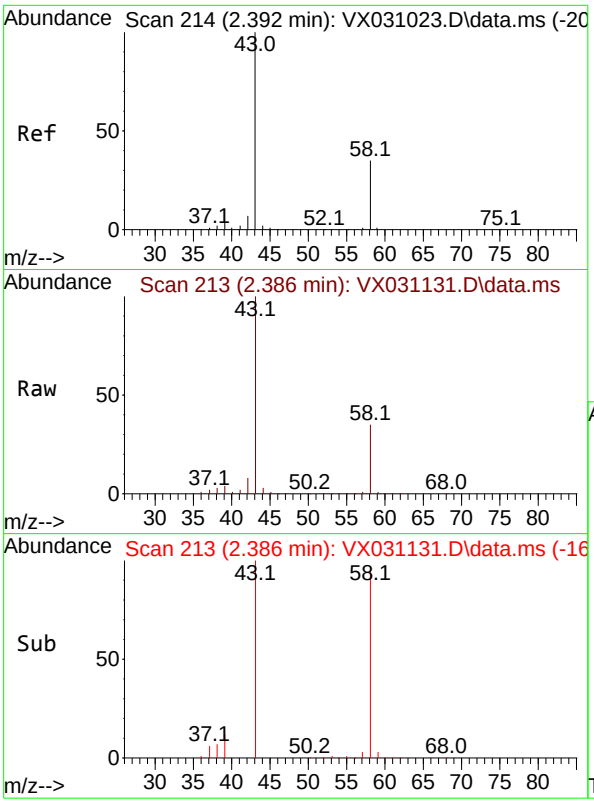


#11
Tert butyl alcohol
Concen: 22.595 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 59 Resp: 25402

Ion	Ratio	Lower	Upper
59	100		
57	11.1	7.4	11.2



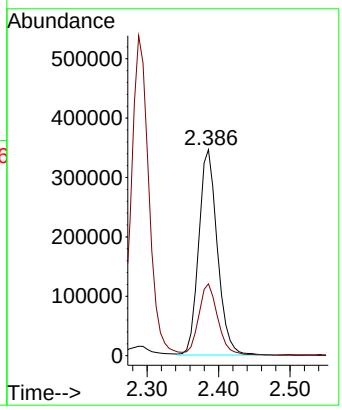


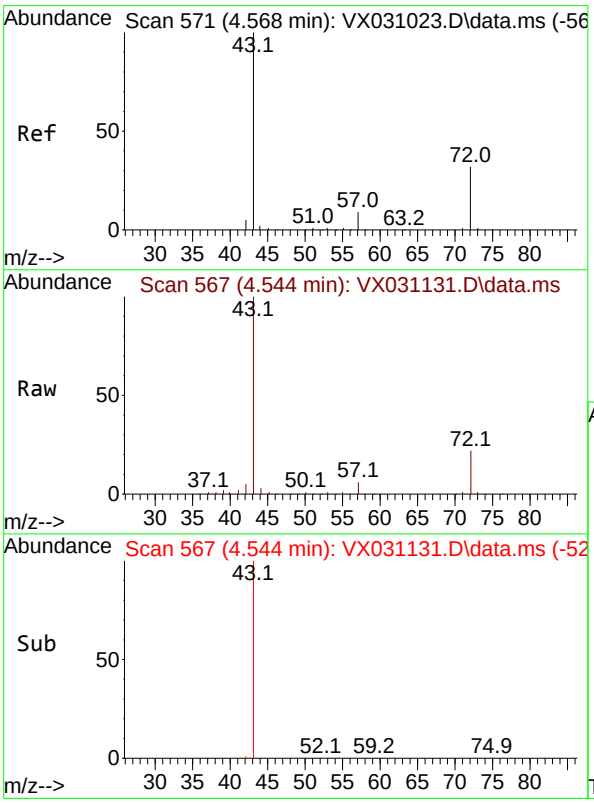
#16
Acetone
Concen: 542.752 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion: 43 Resp: 624869

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.7	41.5

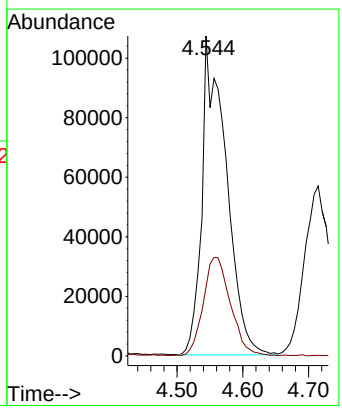


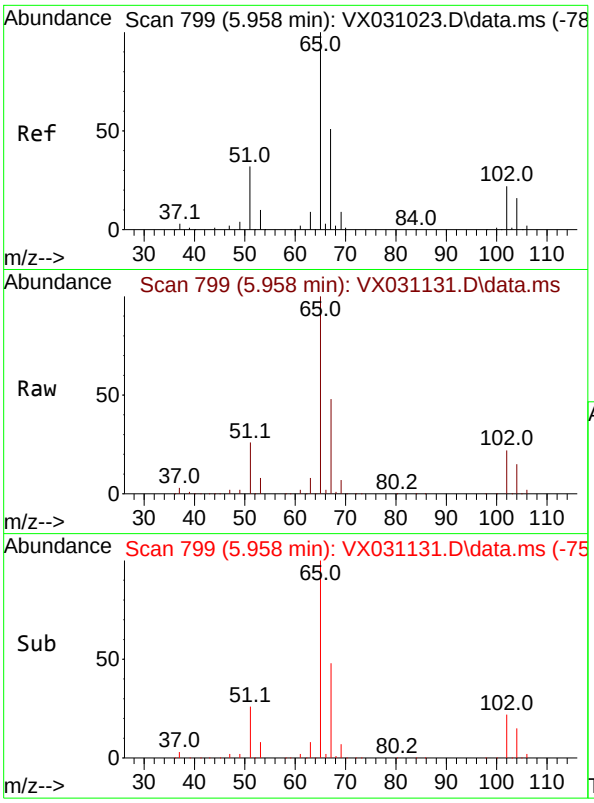


#25
2-Butanone
Concen: 154.596 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.024 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 43 Resp: 274778

Ion	Ratio	Lower	Upper
43	100		
72	21.5	21.7	32.5#



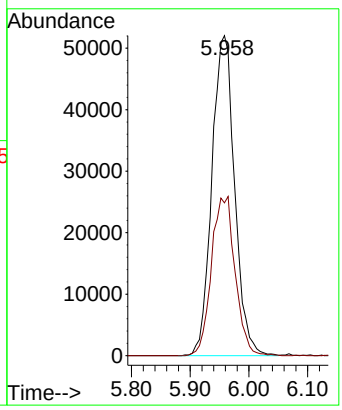


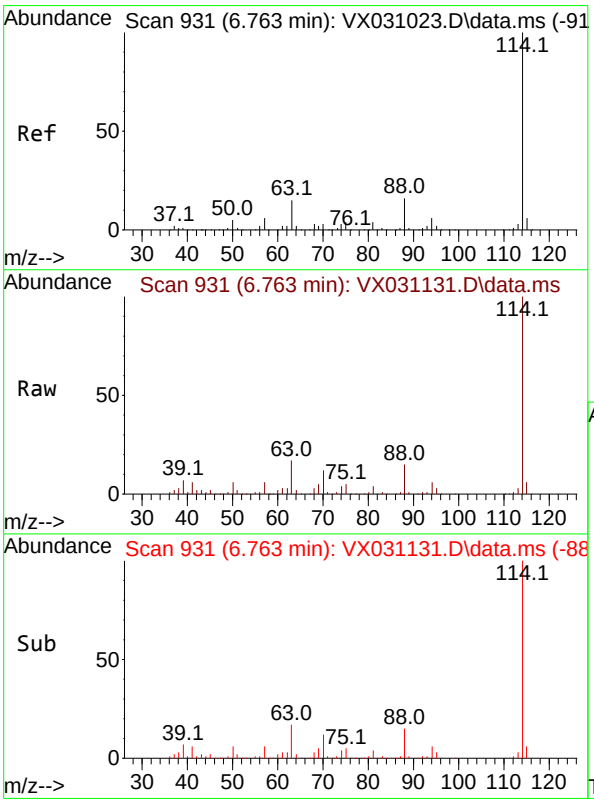
#33
1,2-Dichloroethane-d4
Concen: 46.947 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion: 65 Resp: 140008

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.6

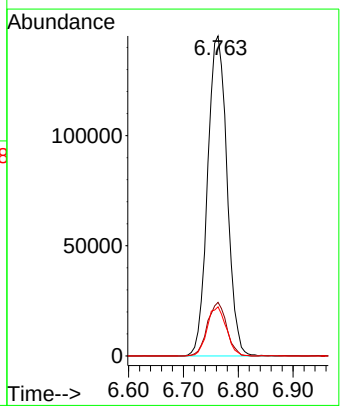


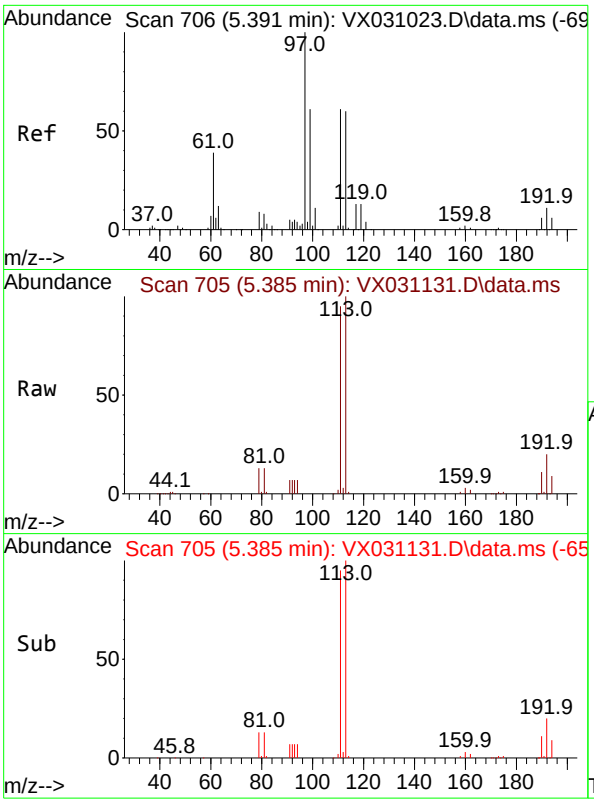


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion:114 Resp: 356777

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	38.4
88	15.3	0.0	31.8



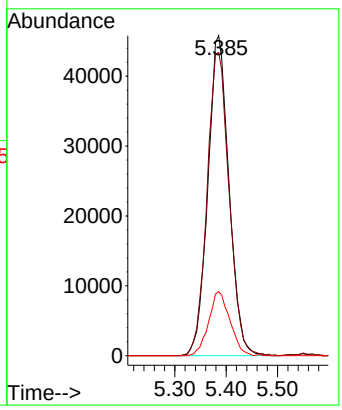


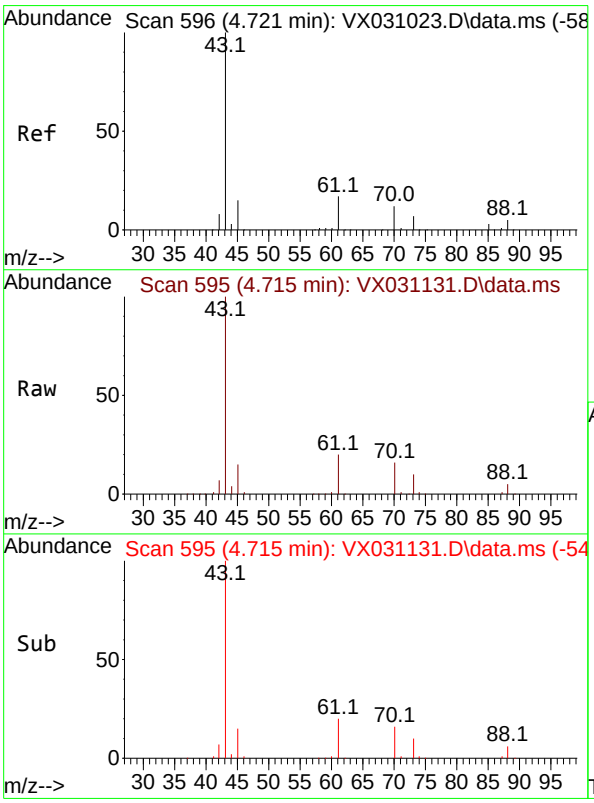
#35
Dibromofluoromethane
Concen: 50.136 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion:113 Resp: 130536

Ion	Ratio	Lower	Upper
113	100		
111	99.2	83.2	124.8
192	20.2	14.8	22.2

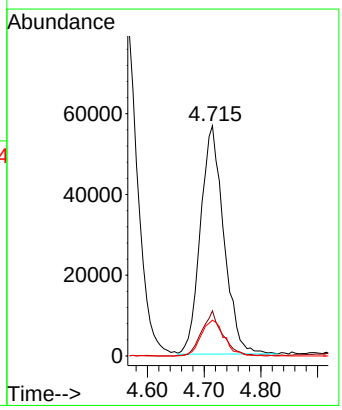


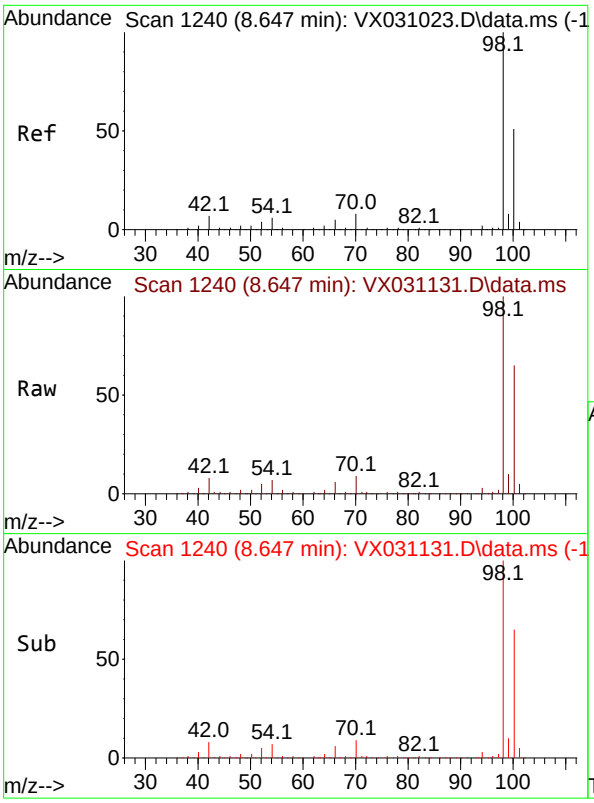


#37
Ethyl Acetate
Concen: 51.078 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 43 Resp: 161850

Ion	Ratio	Lower	Upper
43	100		
61	17.5	11.7	17.5
70	15.7	9.3	13.9#



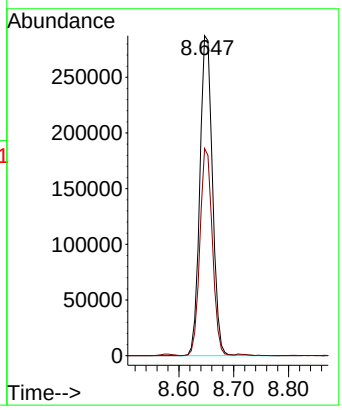


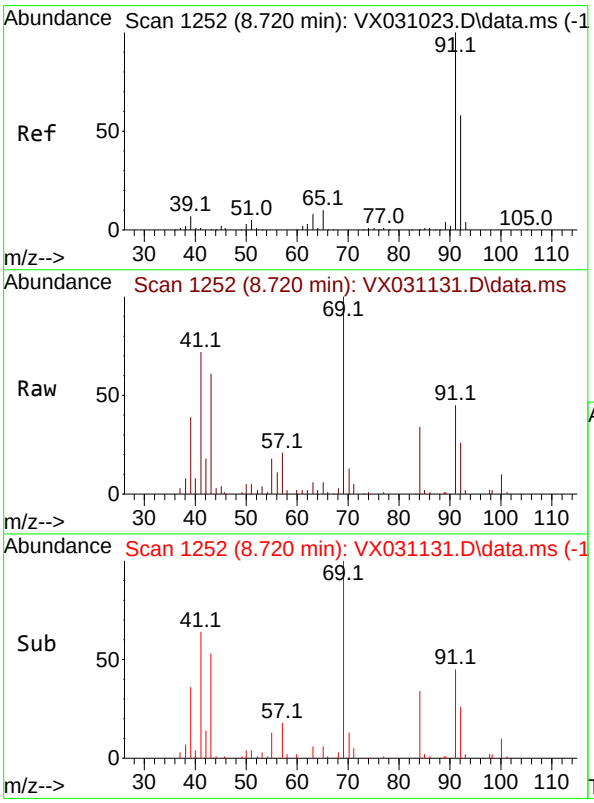
#50
Toluene-d8
Concen: 47.847 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion: 98 Resp: 458484

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5

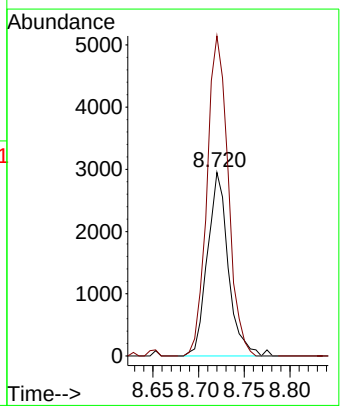


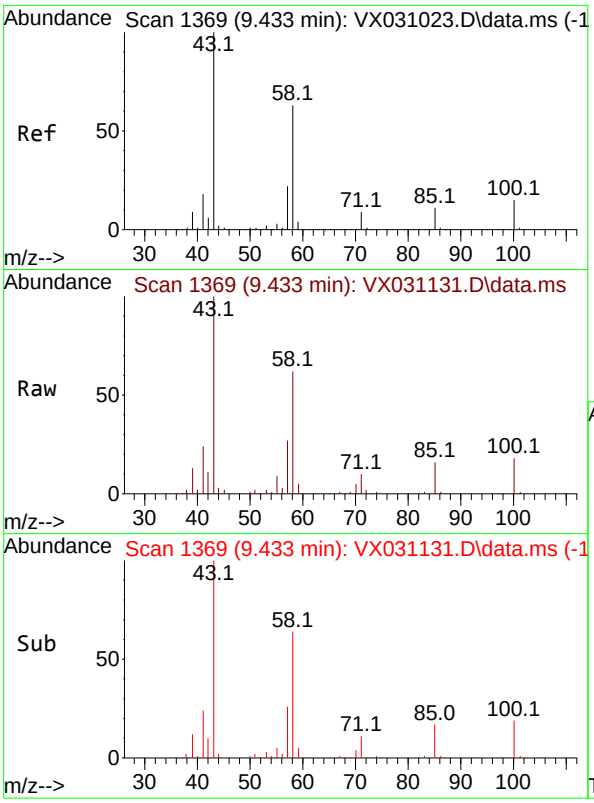


#52
Toluene
Concen: 0.691 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 92 Resp: 4689

Ion	Ratio	Lower	Upper
92	100		
91	176.5	139.2	208.8



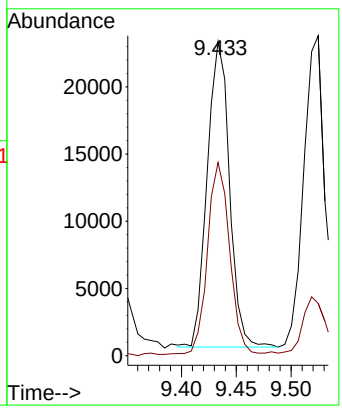


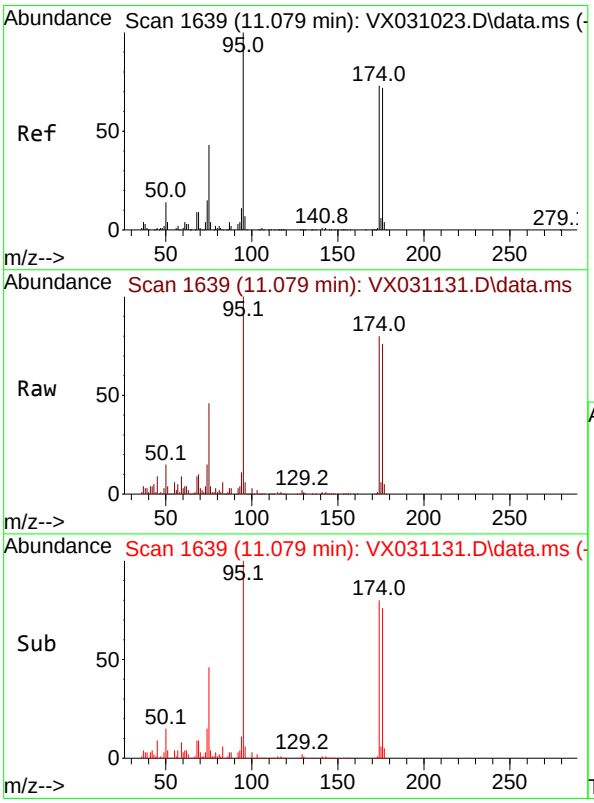
#59
2-Hexanone
Concen: 13.341 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion: 43 Resp: 32119

Ion	Ratio	Lower	Upper
43	100		
58	63.0	27.6	82.8

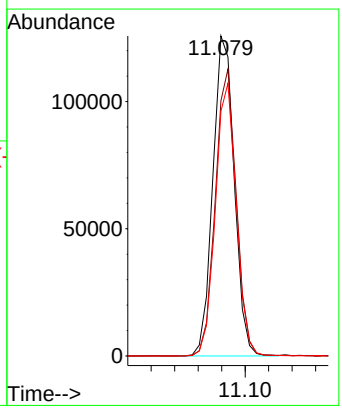


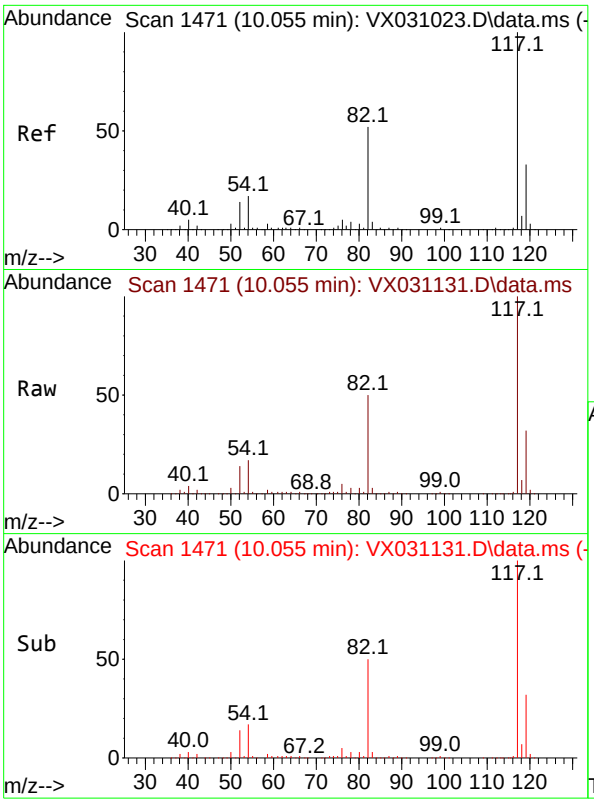


#62
4-Bromofluorobenzene
Concen: 47.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 95 Resp: 159217

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	149.0
176	83.3	0.0	146.0



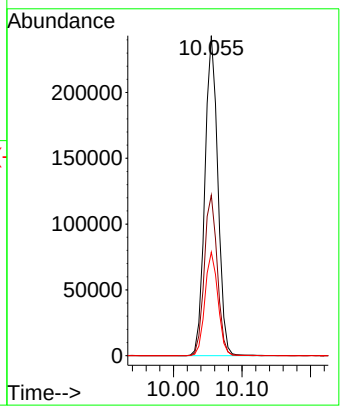


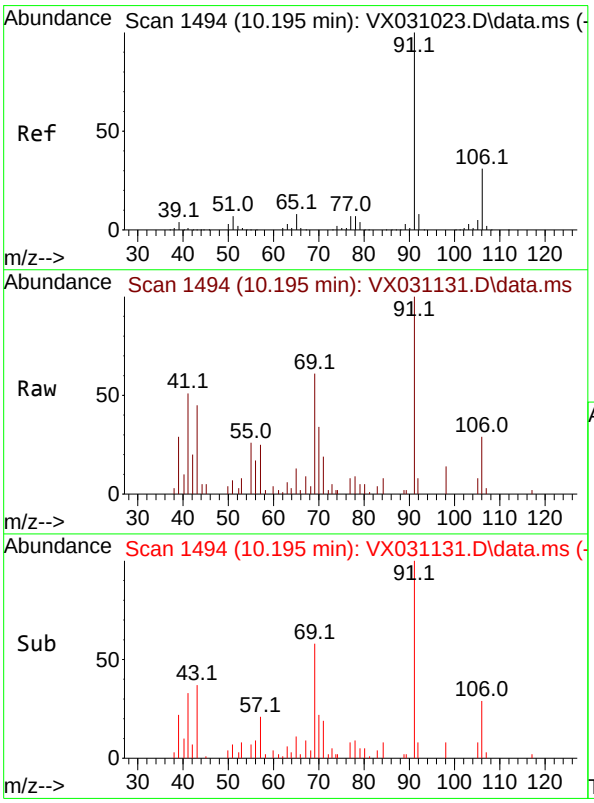
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion:117 Resp: 320219

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.7	64.1
119	32.3	25.4	38.2

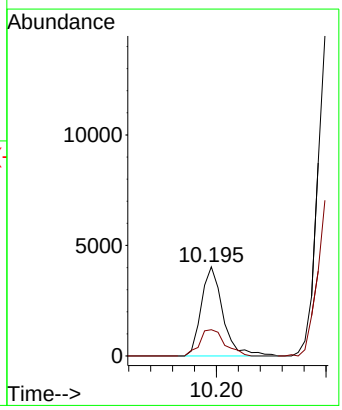


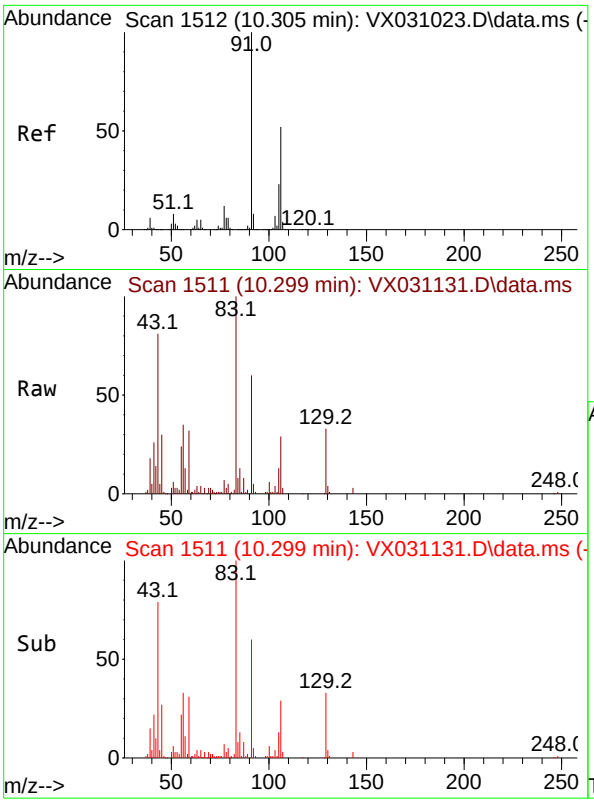


#67
Ethyl Benzene
Concen: 0.421 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion: 91 Resp: 5516

Ion	Ratio	Lower	Upper
91	100		
106	29.4	25.5	38.3



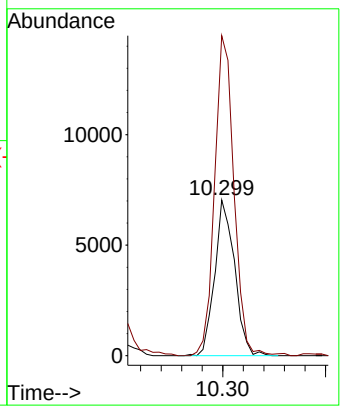


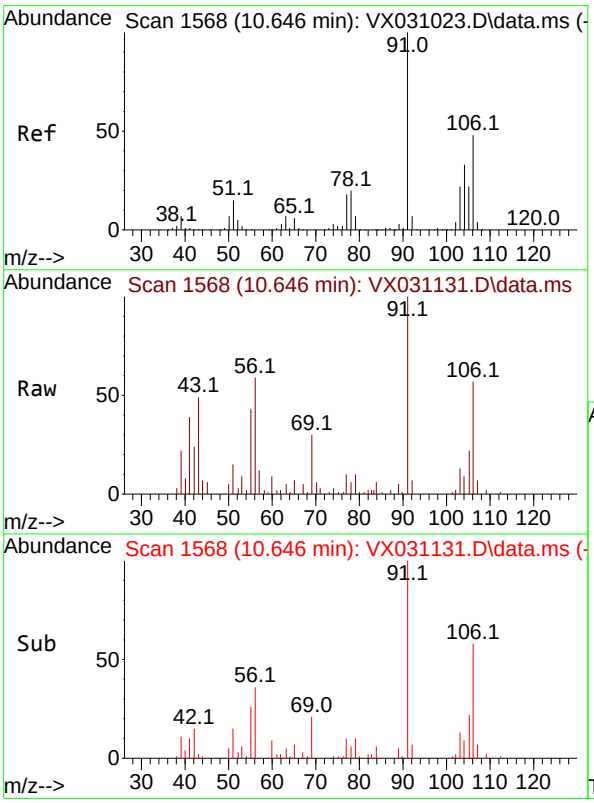
#68
m/p-Xylenes
Concen: 1.841 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion:106 Resp: 9462

Ion	Ratio	Lower	Upper
106	100		
91	199.5	158.2	237.4

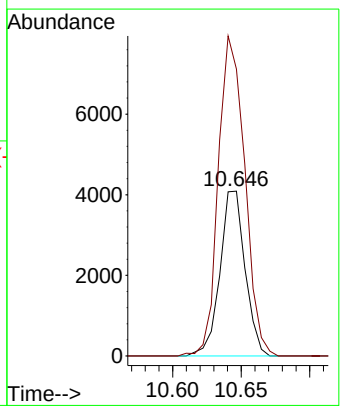


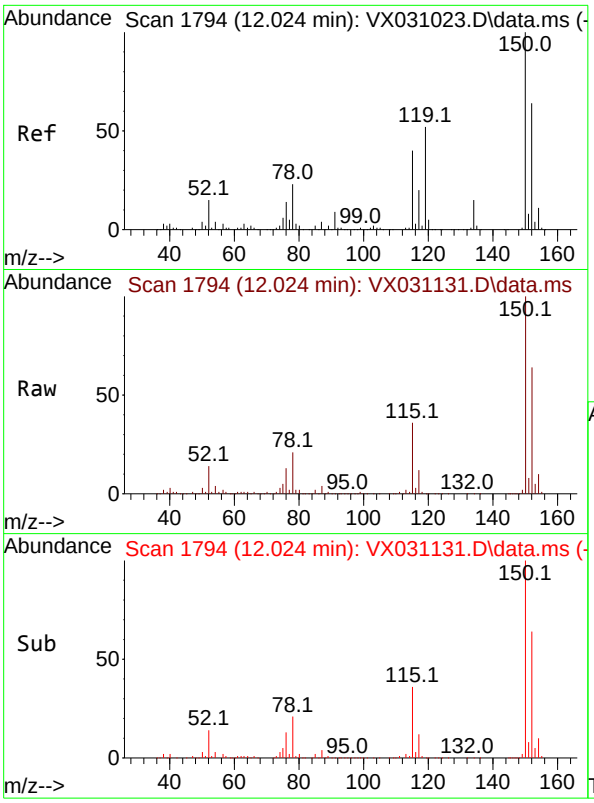


#69
o-Xylene
Concen: 1.036 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion:106 Resp: 5221

Ion	Ratio	Lower	Upper
106	100		
91	204.1	103.8	311.6



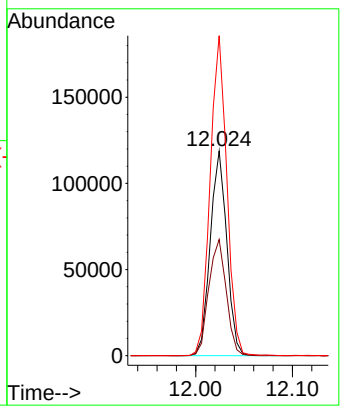


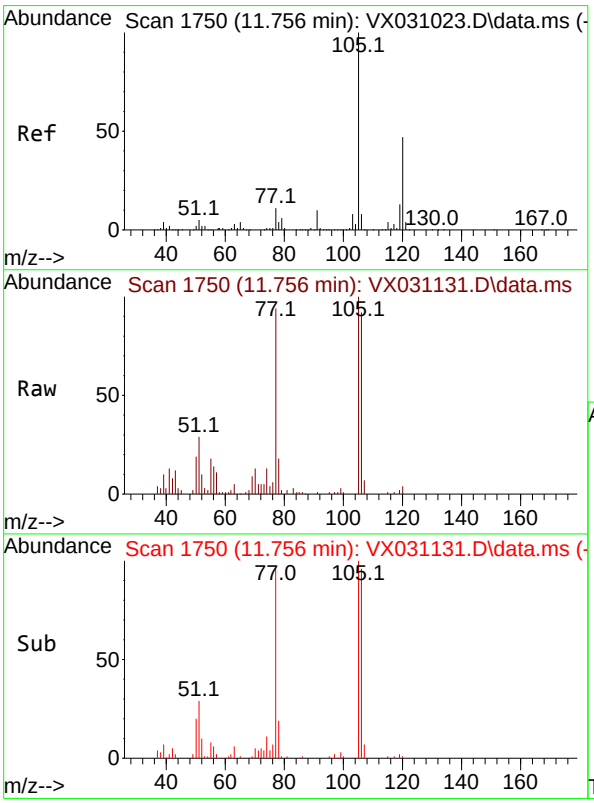
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
ORA-0045

Tgt Ion:152 Resp: 141833

Ion	Ratio	Lower	Upper
152	100		
115	59.6	40.5	121.5
150	157.2	0.0	347.0





#84
1,2,4-Trimethylbenzene
Concen: 1.714 ug/l m
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031131.D
Acq: 06 Sep 2022 16:26

Tgt Ion:105 Resp: 16388

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.9	68.8#