Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
Data File : VX035587.D
Acq On : 10 May 2023 15:37
Operator : JC/MD
Sample : 02648-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Quant Time: May 11 04:20:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	318486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	505862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161688	42.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 84.160%			
35) Dibromofluoromethane	5.385	113	156328	50.350	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.646	98	588117	50.213	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	233892	53.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.160%			
Target Compounds						Qvalue
16) Acetone	2.385	43	14687	8.801	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	43609	4.109	ug/l #	88
25) 2-Butanone	4.562	43	21631	8.881	ug/l	91
31) Cyclohexane	5.470	56	12714	2.333	ug/l	94
40) Benzene	6.037	78	841345	60.497	ug/l	99
52) Toluene	8.720	92	326811	37.072	ug/l	98
68) m/p-Xylenes	10.299	106	34513	5.043	ug/l	97
69) o-Xylene	10.640	106	26212	3.906	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	22462	1.526	ug/l	97

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

Quantitation Report (LSC Reviewed)

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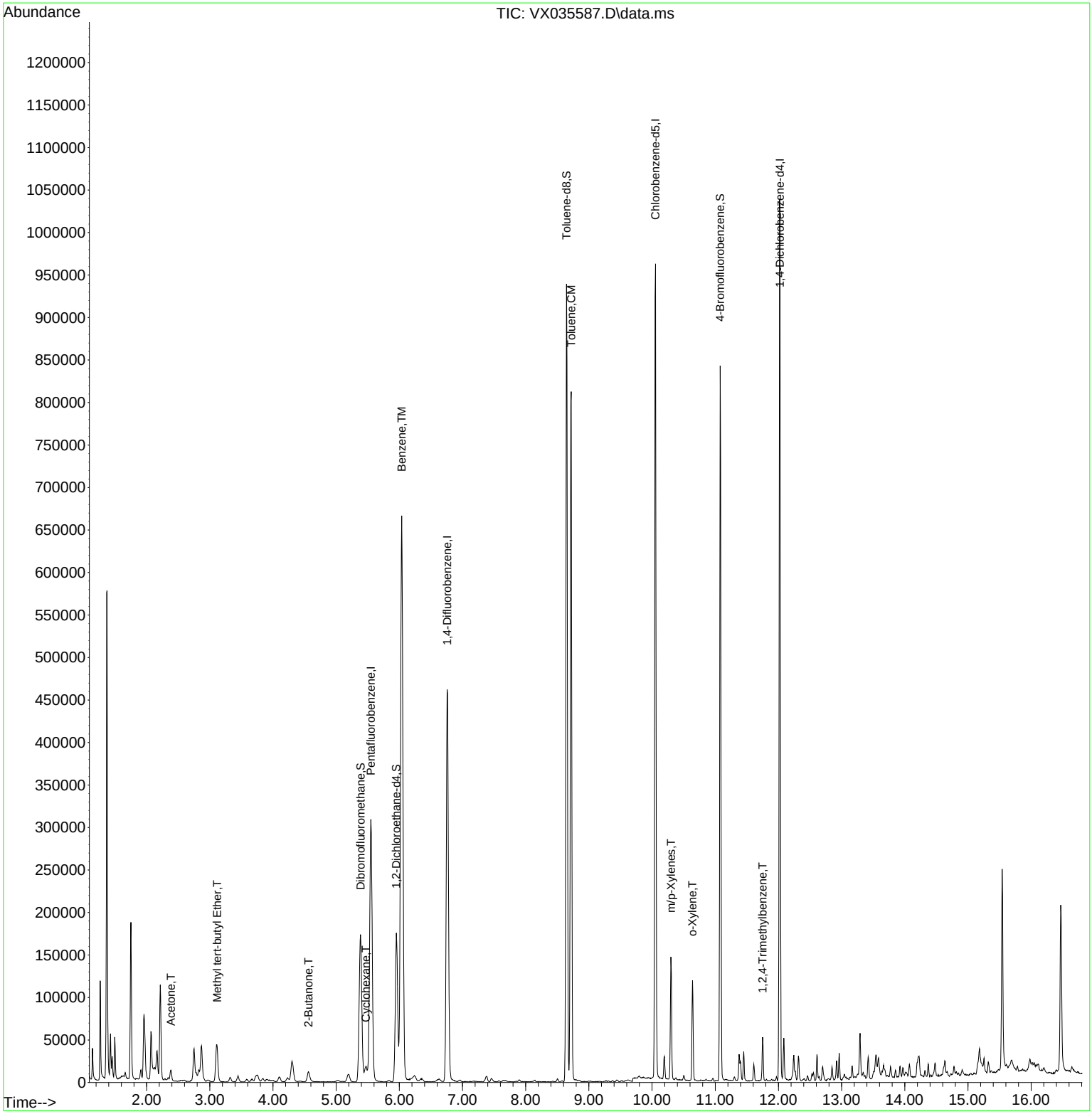
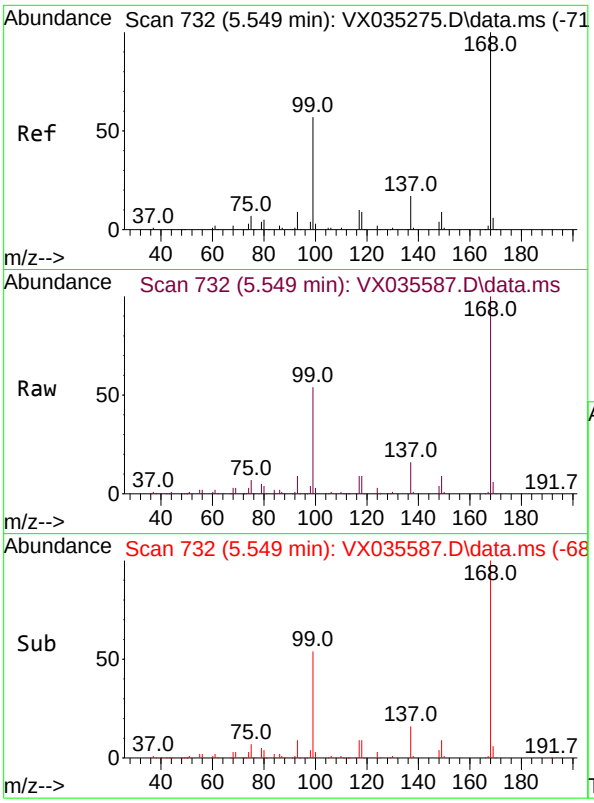
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Quant Time: May 11 04:20:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



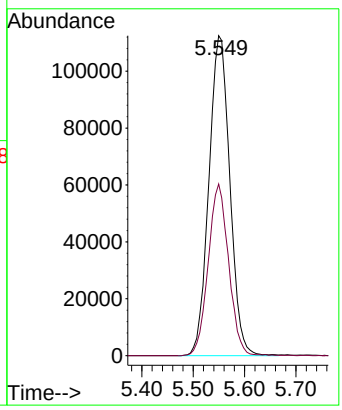


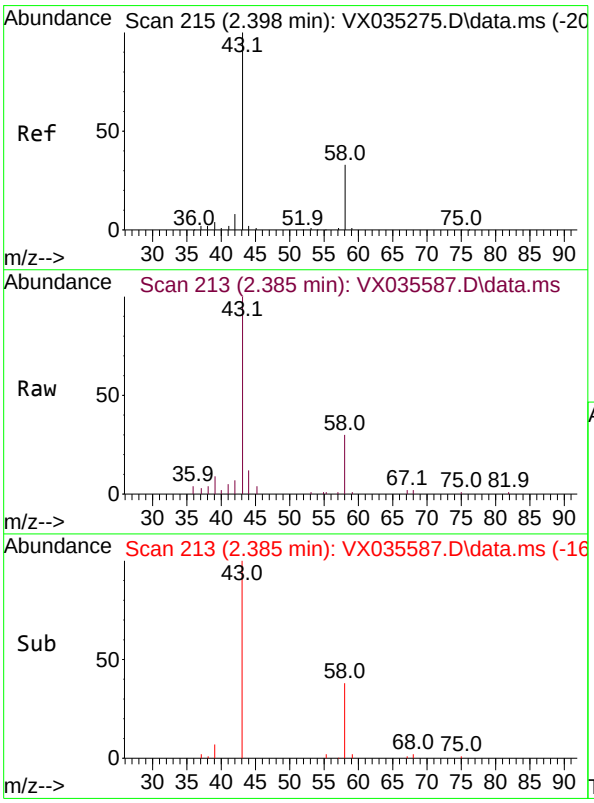
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion:168 Resp: 318486

Ion	Ratio	Lower	Upper
168	100		
99	53.7	45.7	68.5

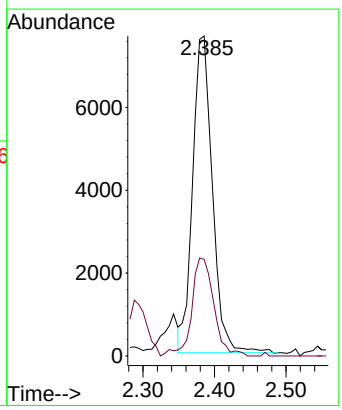


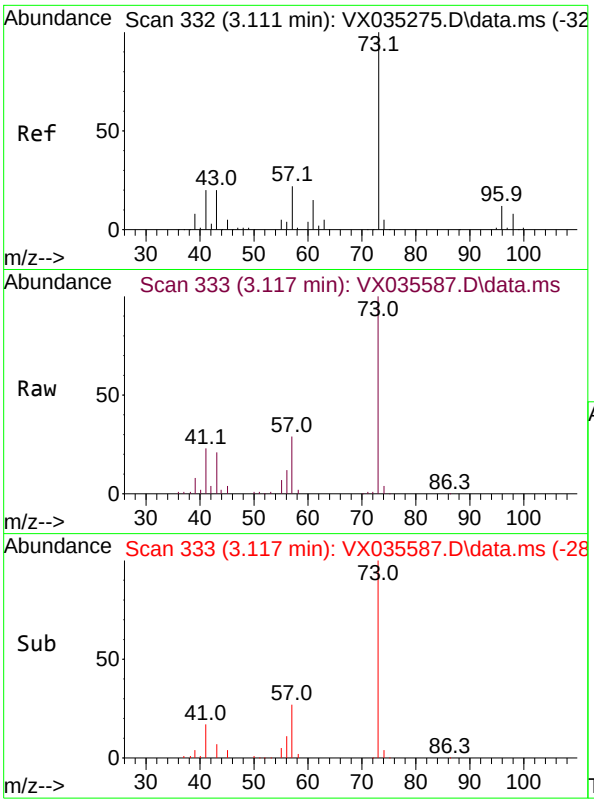


#16
Acetone
Concen: 8.801 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion: 43 Resp: 14687

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.7	37.1



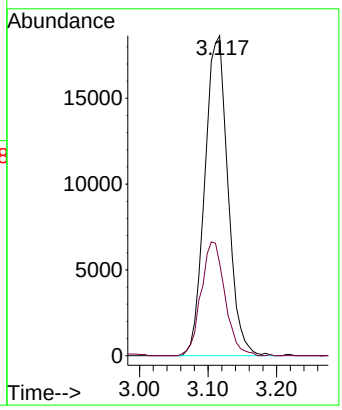


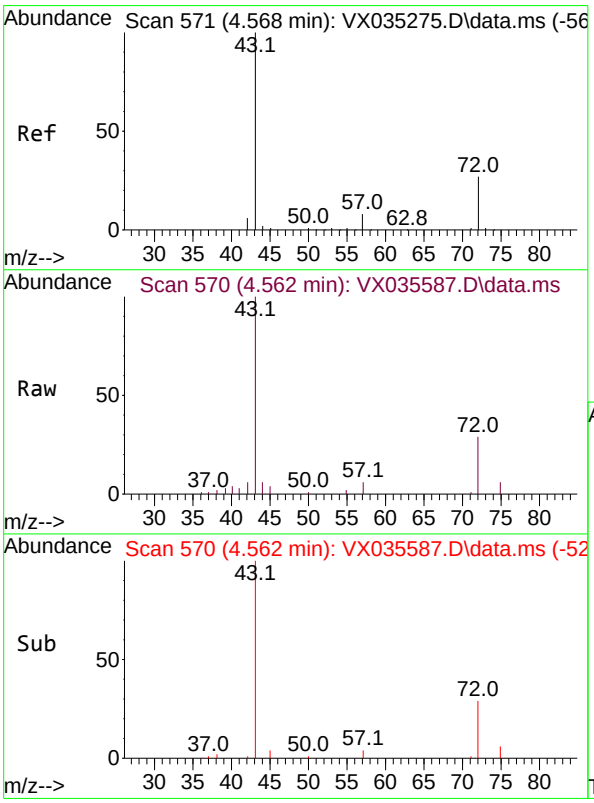
#19
Methyl tert-butyl Ether
Concen: 4.109 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion: 73 Resp: 43609

Ion	Ratio	Lower	Upper
73	100		
57	28.8	18.5	27.7#

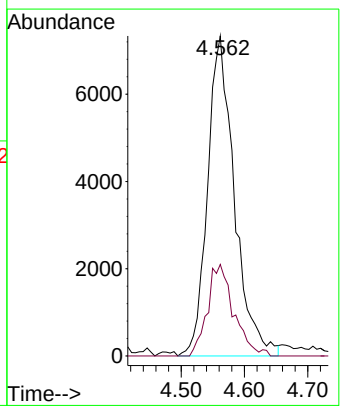


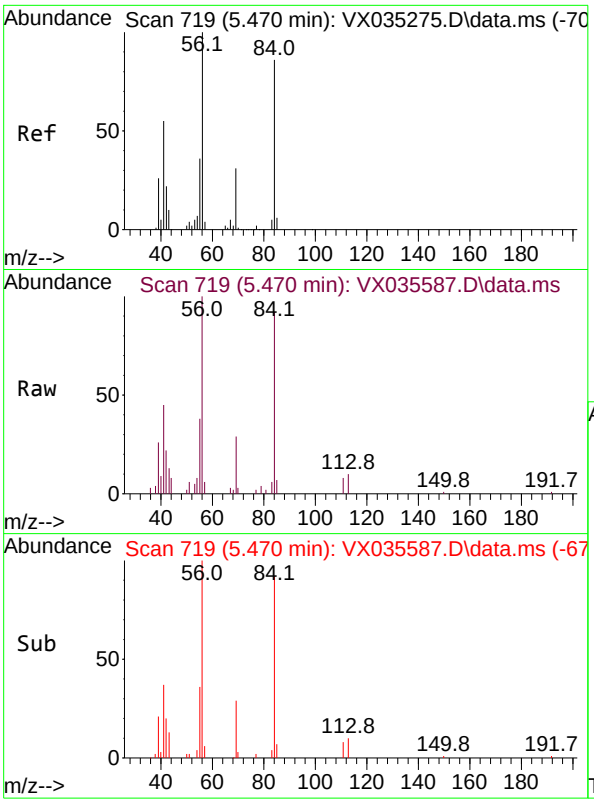


#25
2-Butanone
Concen: 8.881 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion: 43 Resp: 21631

Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.3	28.9



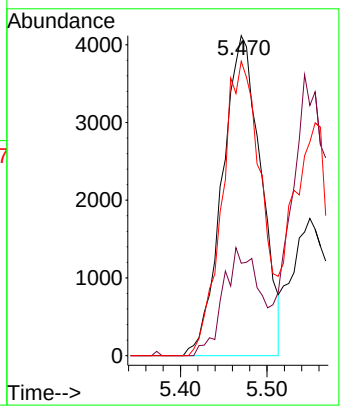


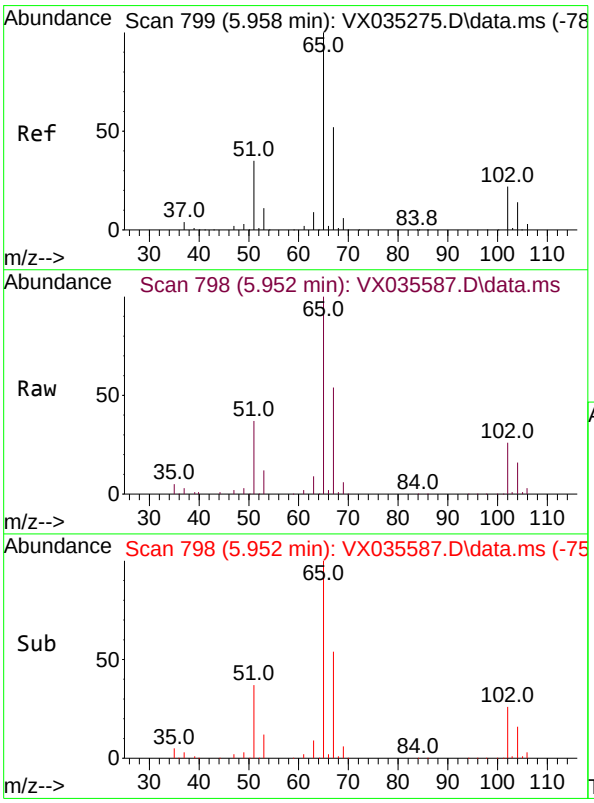
#31
Cyclohexane
Concen: 2.333 ug/l
RT: 5.470 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion: 56 Resp: 12714

Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	92.0	68.5	102.7

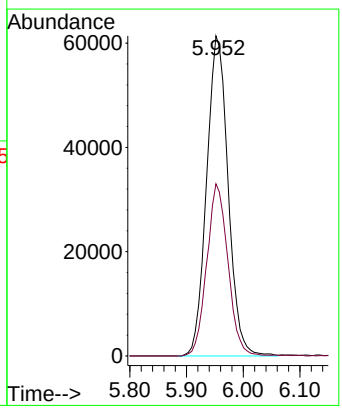


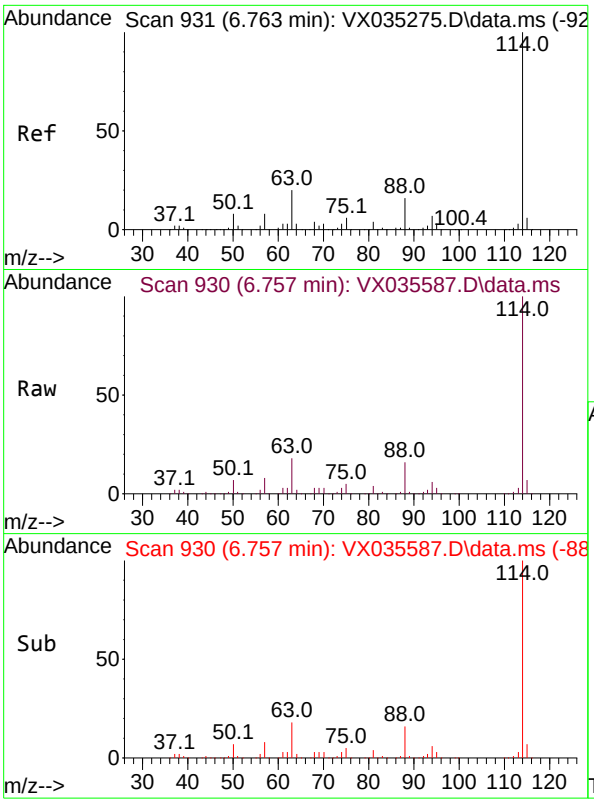


#33
1,2-Dichloroethane-d4
Concen: 42.081 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion: 65 Resp: 161688

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.0



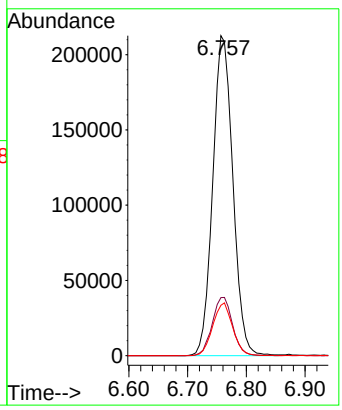


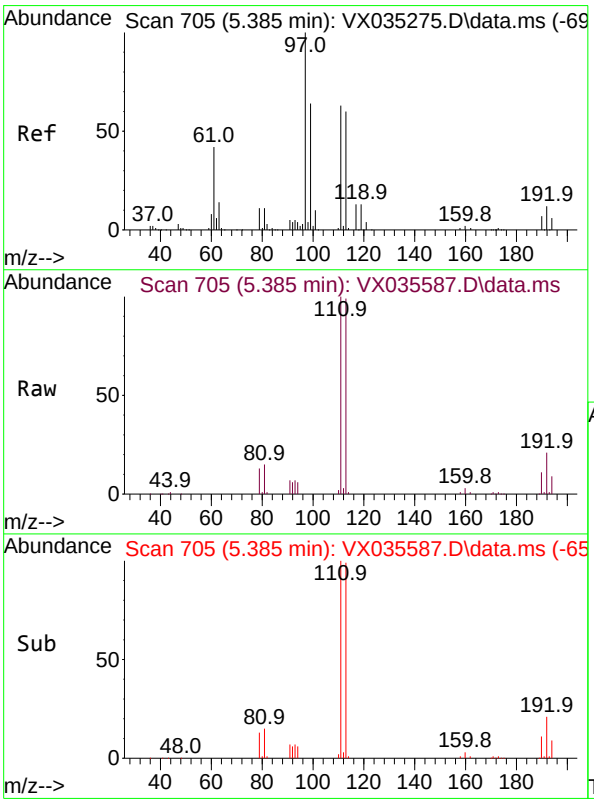
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion:114 Resp: 505862

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	42.2
88	15.7	0.0	33.2

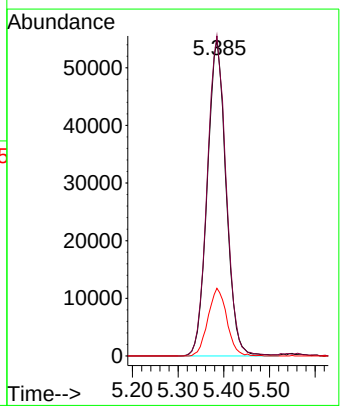


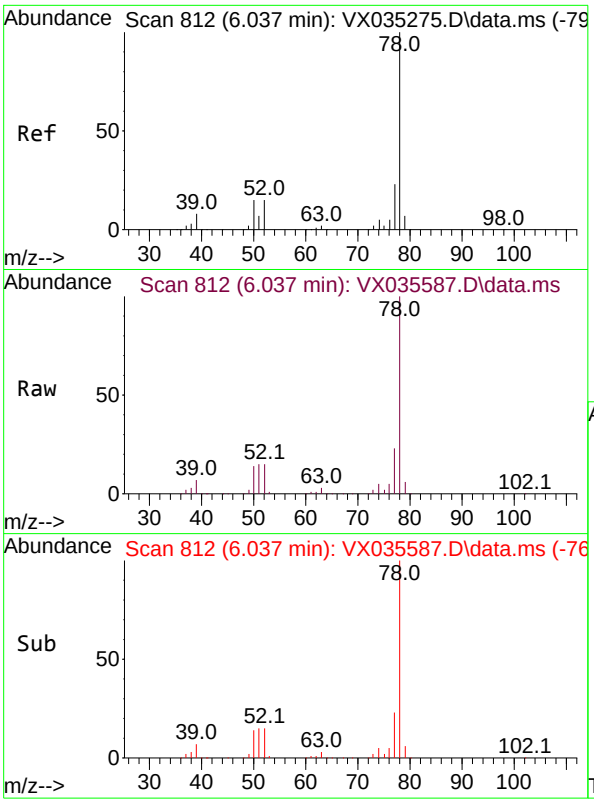


#35
Dibromofluoromethane
Concen: 50.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion:113 Resp: 156328

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.7	125.5
192	21.5	15.4	23.2



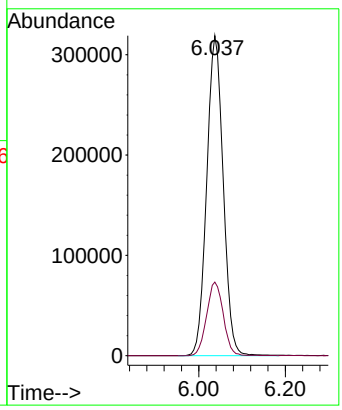


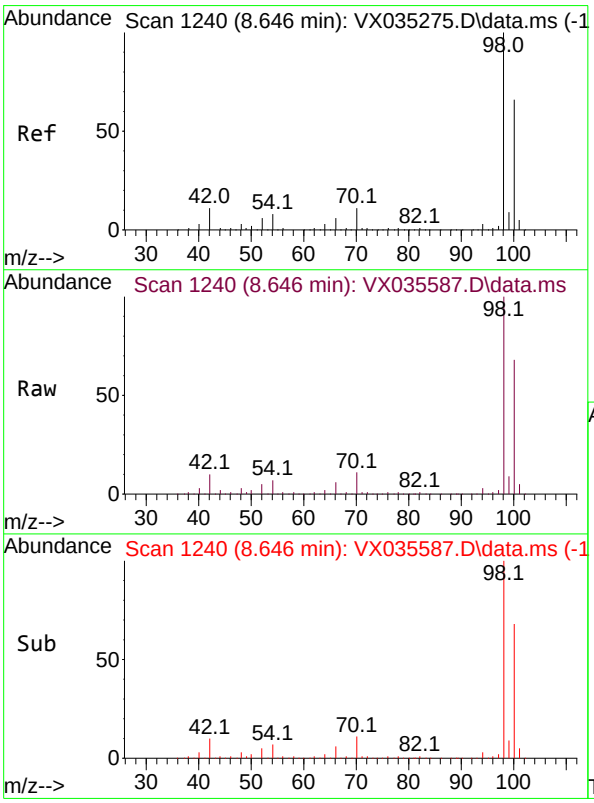
#40
Benzene
Concen: 60.497 ug/l
RT: 6.037 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion: 78 Resp: 841345

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4

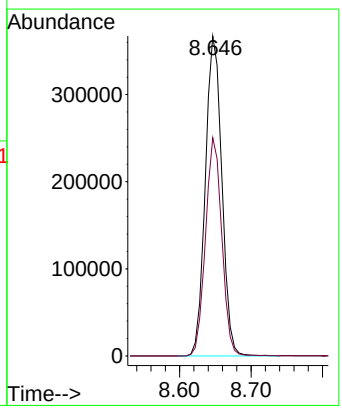


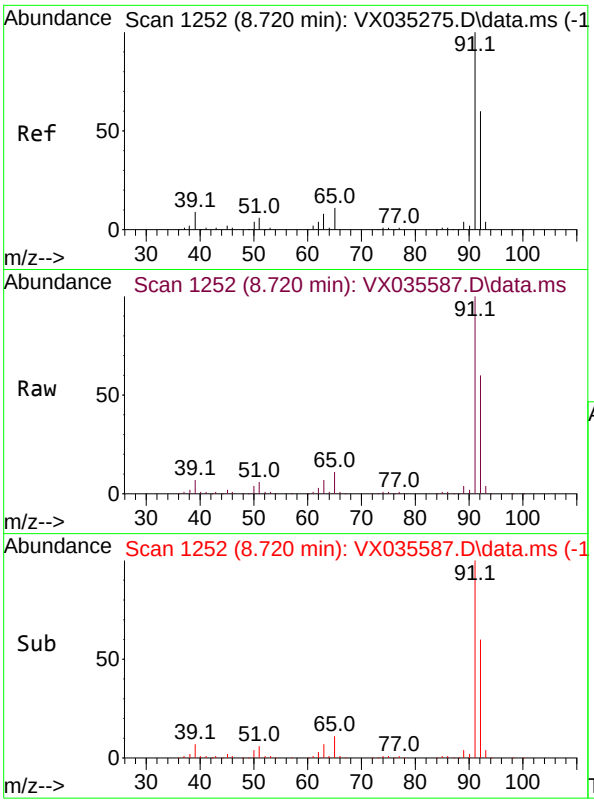


#50
Toluene-d8
Concen: 50.213 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion: 98 Resp: 588117

Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.5	78.7



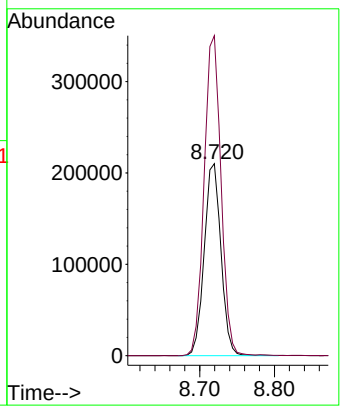


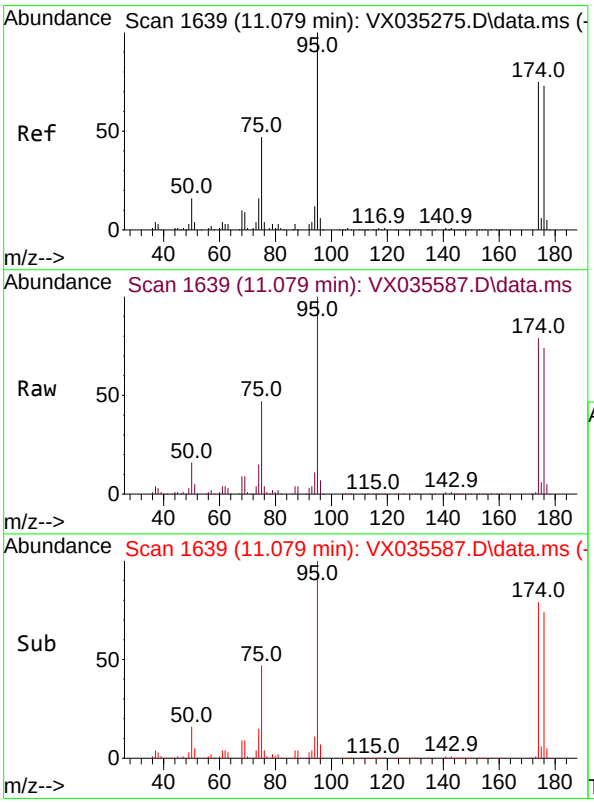
#52
Toluene
Concen: 37.072 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion: 92 Resp: 326811

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.8	205.2

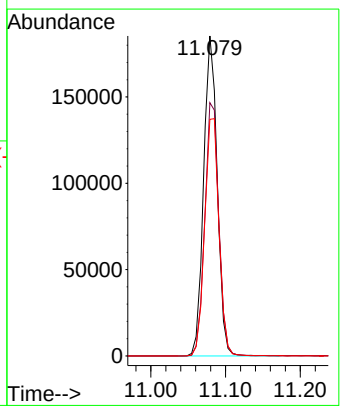


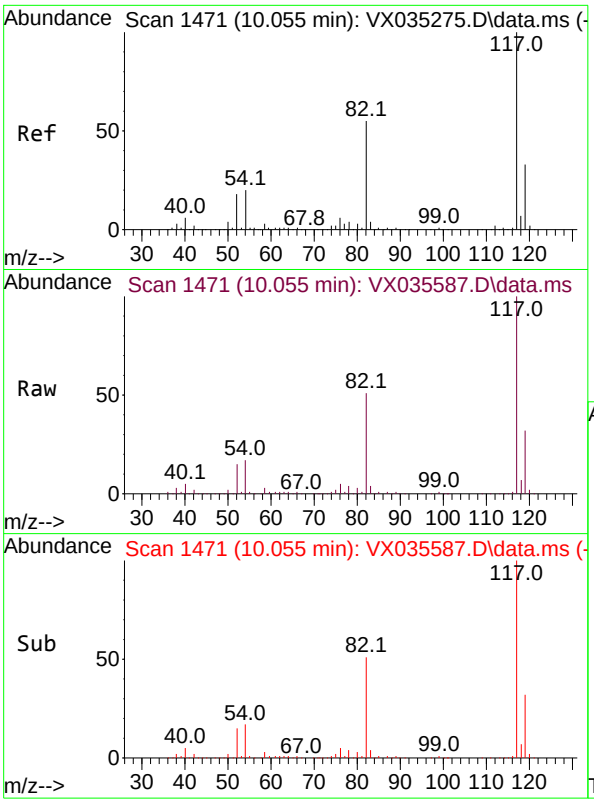


#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion: 95 Resp: 233892

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	147.4
176	78.4	0.0	140.6



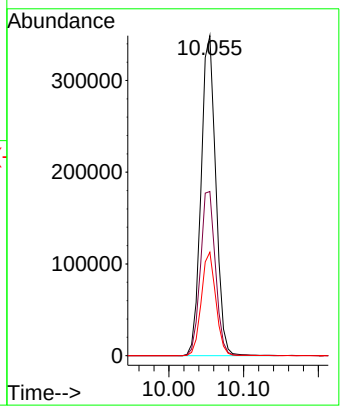


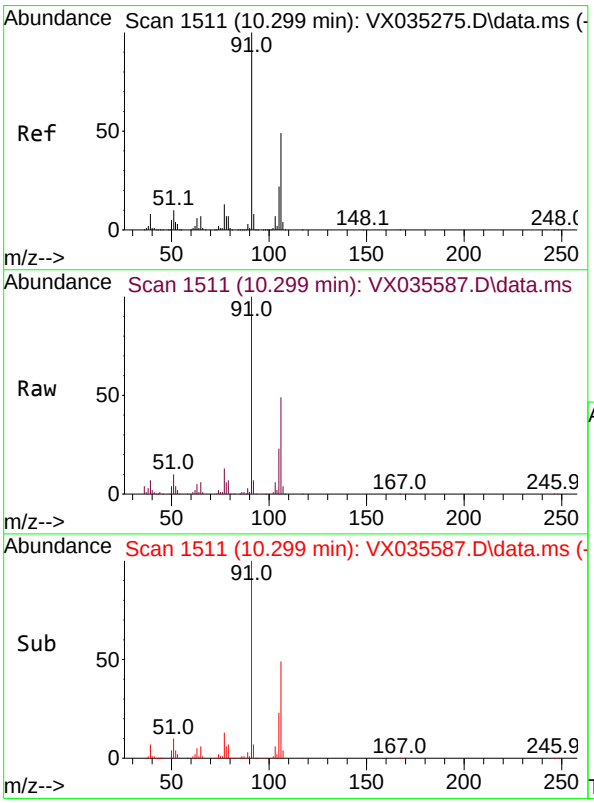
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion:117 Resp: 476716

Ion	Ratio	Lower	Upper
117	100		
82	51.3	45.0	67.4
119	32.4	26.0	39.0

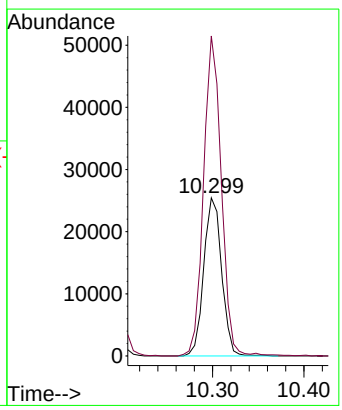


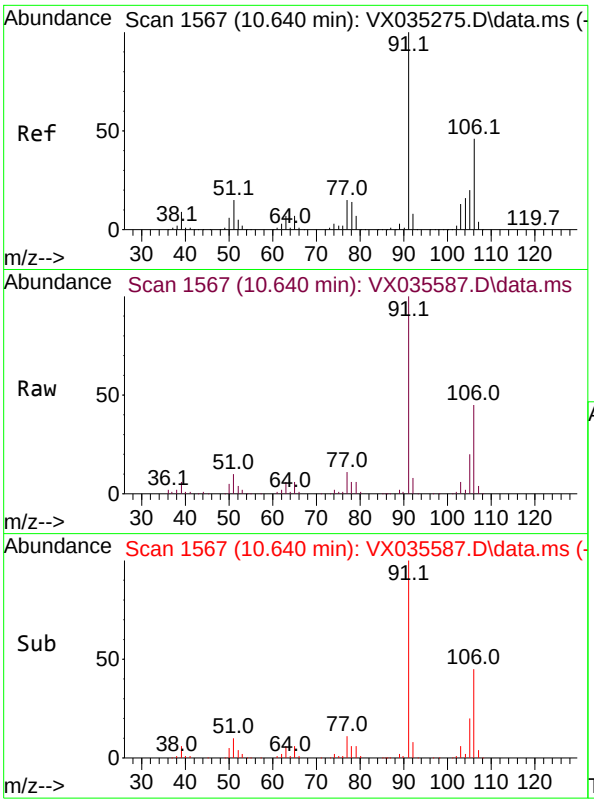


#68
m/p-Xylenes
Concen: 5.043 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion:106 Resp: 34513

Ion	Ratio	Lower	Upper
106	100		
91	201.0	164.0	246.0



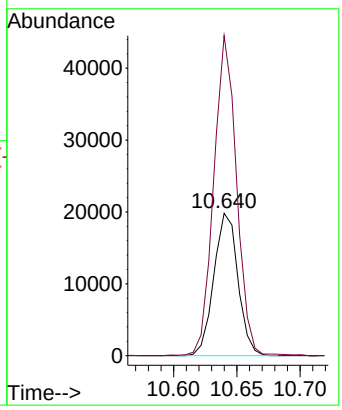


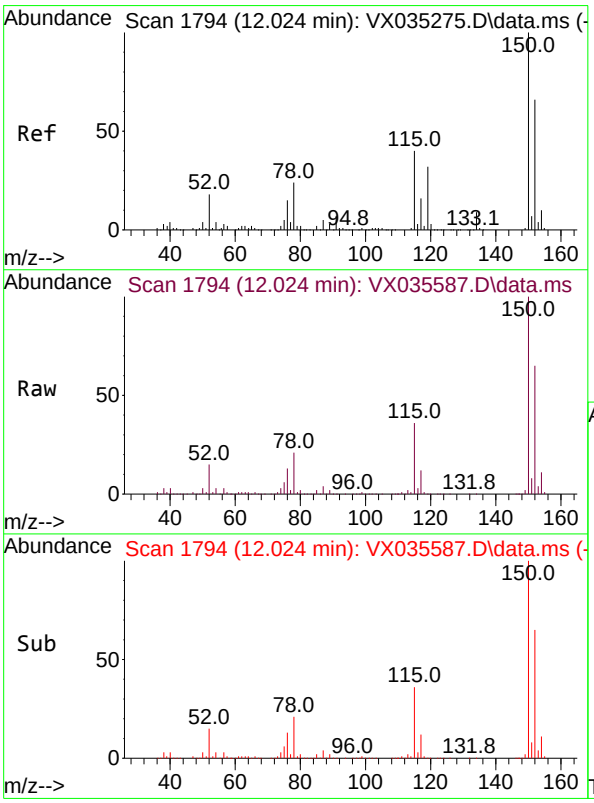
#69
o-Xylene
Concen: 3.906 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion:106 Resp: 26212

Ion	Ratio	Lower	Upper
106	100		
91	213.1	108.5	325.3

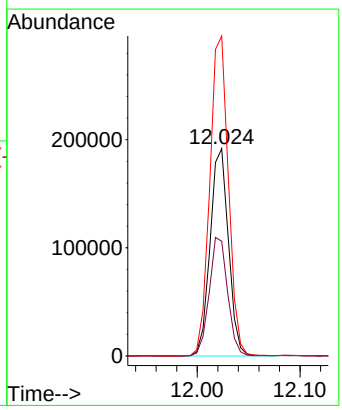


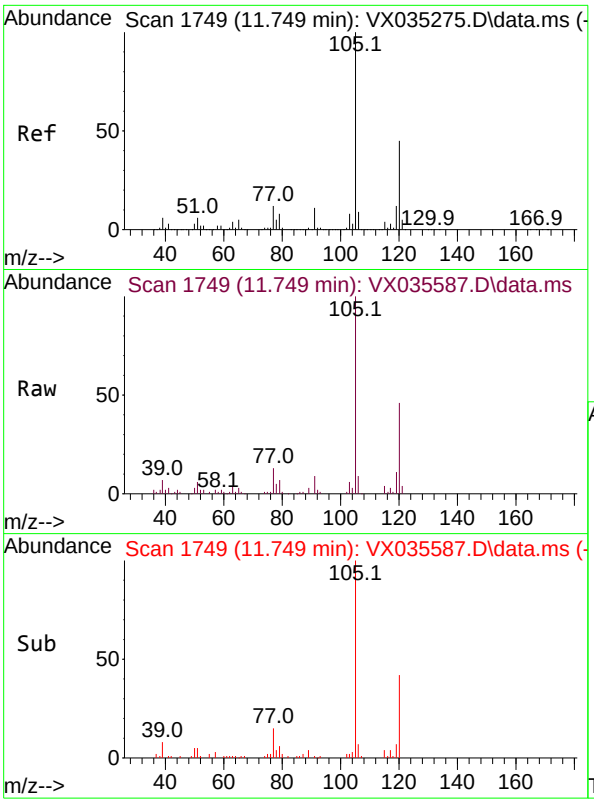


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Tgt Ion:152 Resp: 237609

Ion	Ratio	Lower	Upper
152	100		
115	57.3	45.0	135.0
150	156.7	0.0	352.4





#84
1,2,4-Trimethylbenzene
Concen: 1.526 ug/l
RT: 11.749 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035587.D
Acq: 10 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
ORA-1636DL

Tgt Ion:105 Resp: 22462

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.4	67.0