Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
Data File : VX039595.D
Acq On : 03 Jan 2024 12:35
Operator : JC/MD
Sample : P1001-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Quant Time: Jan 04 03:29:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	100236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87205	47.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.980%			
35) Dibromofluoromethane	5.385	113	69505	47.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.700%			
50) Toluene-d8	8.647	98	266521	48.910	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.820%			
62) 4-Bromofluorobenzene	11.079	95	114775	51.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.008	59	8494	18.421	ug/l #	88
16) Acetone	2.386	43	44030	19.720	ug/l #	71
18) Methyl Acetate	2.703	43	3518	0.886	ug/l	97
20) Methylene Chloride	2.794	84	611	0.399	ug/l #	78
25) 2-Butanone	4.580	43	5579	3.521	ug/l	97
40) Benzene	6.050	78	2945	0.449	ug/l	92
52) Toluene	8.726	92	1833	0.464	ug/l	97
68) m/p-Xylenes	10.299	106	1623	0.519	ug/l	94
69) o-Xylene	10.646	106	1018	0.337	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	2480	0.376	ug/l	98
95) Naphthalene	13.780	128	1762	0.246	ug/l	97

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

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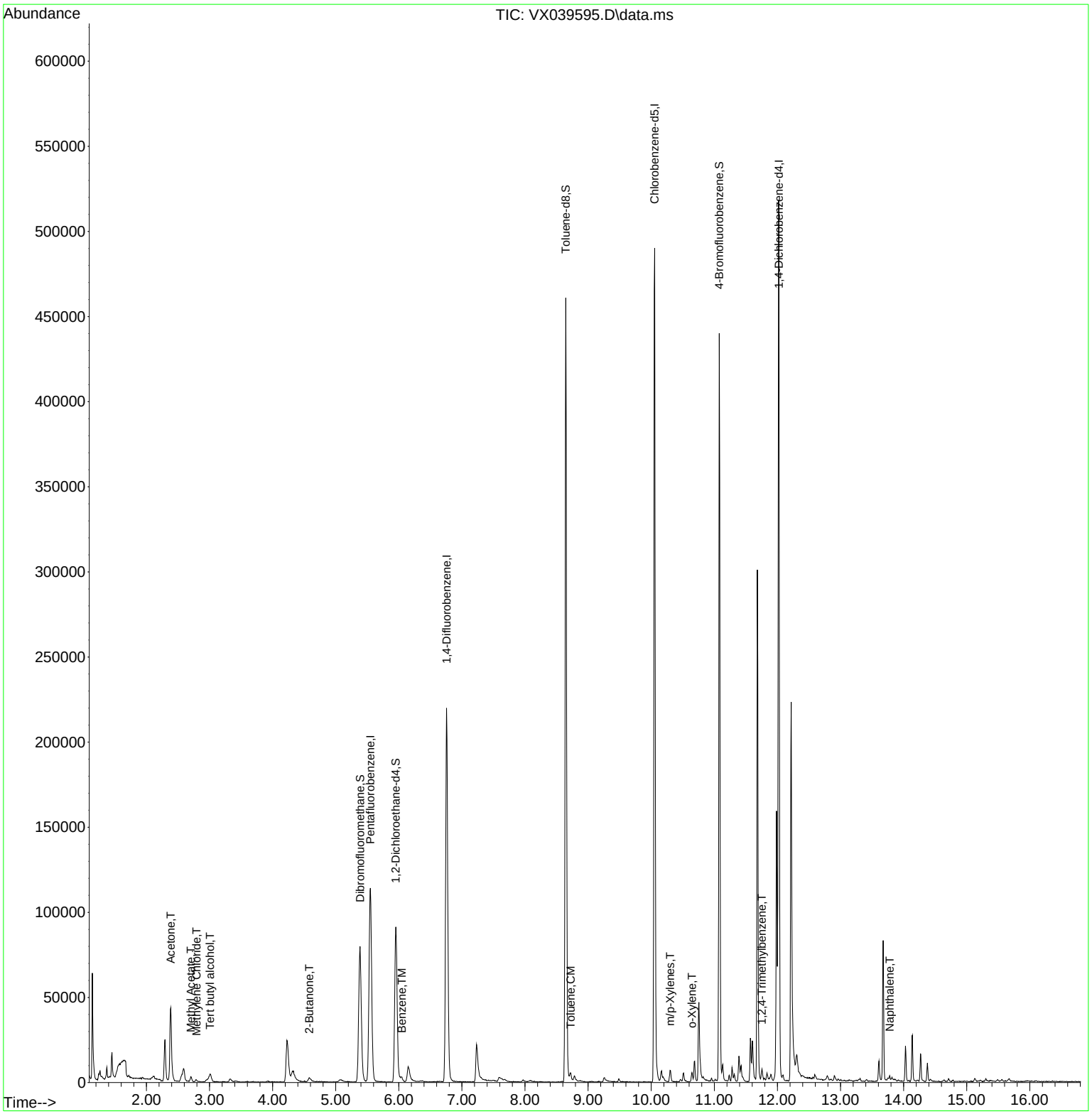
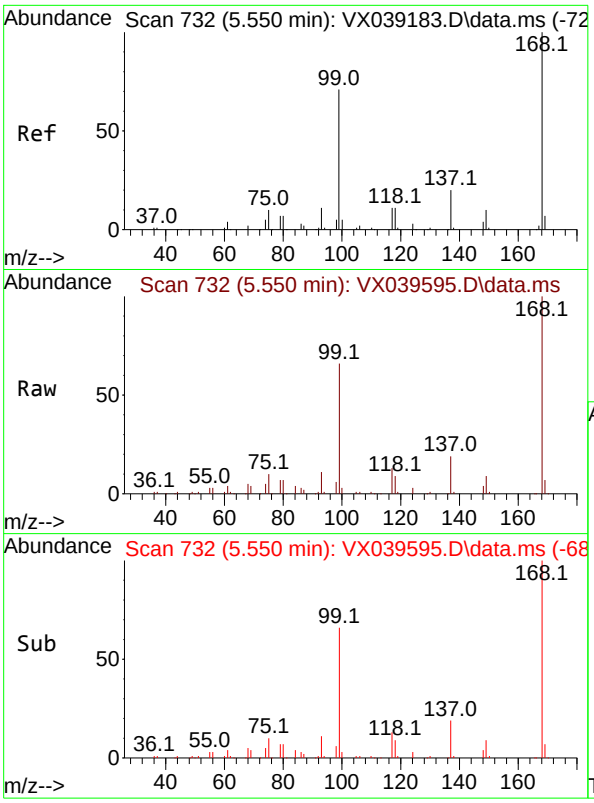
ORA-1207

Quant Time: Jan 04 03:29:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



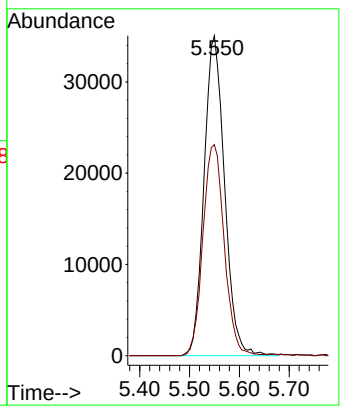


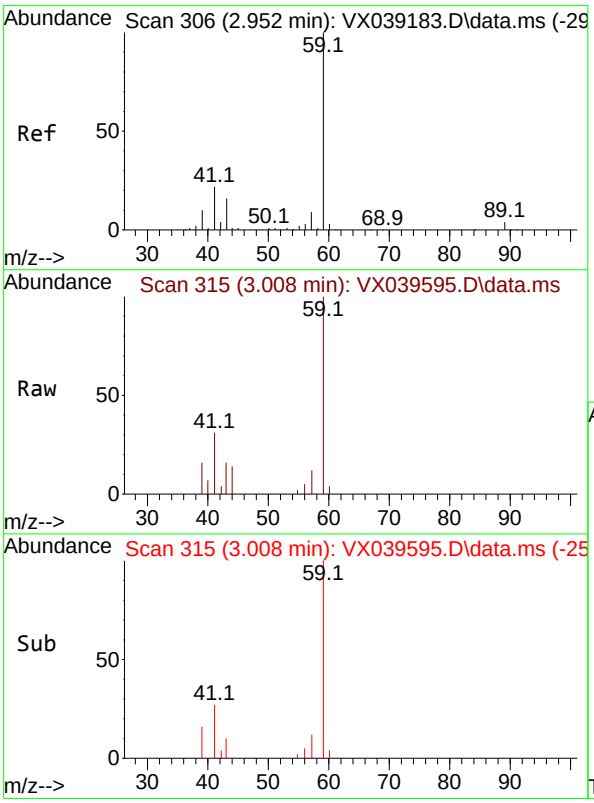
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion:168 Resp: 100236

Ion	Ratio	Lower	Upper
168	100		
99	66.0	56.6	85.0

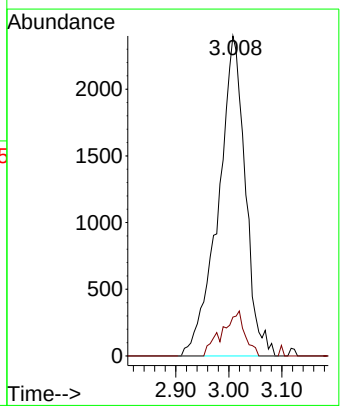


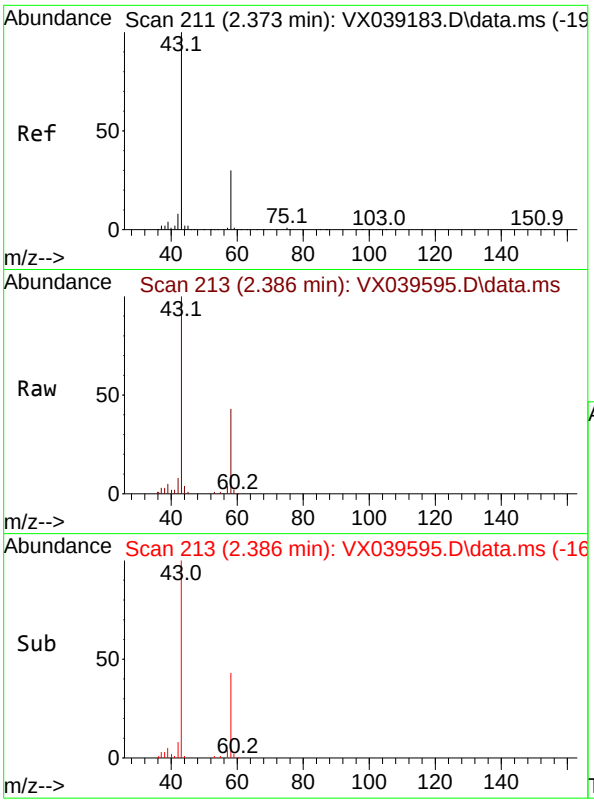


#11
Tert butyl alcohol
Concen: 18.421 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.055 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion: 59 Resp: 8494

Ion	Ratio	Lower	Upper
59	100		
57	11.8	6.0	9.0#



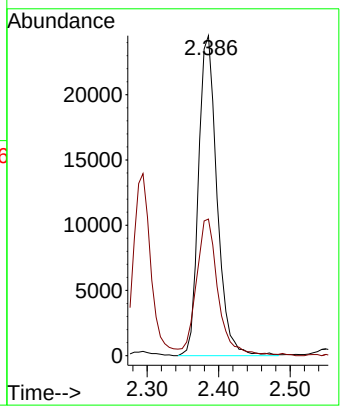


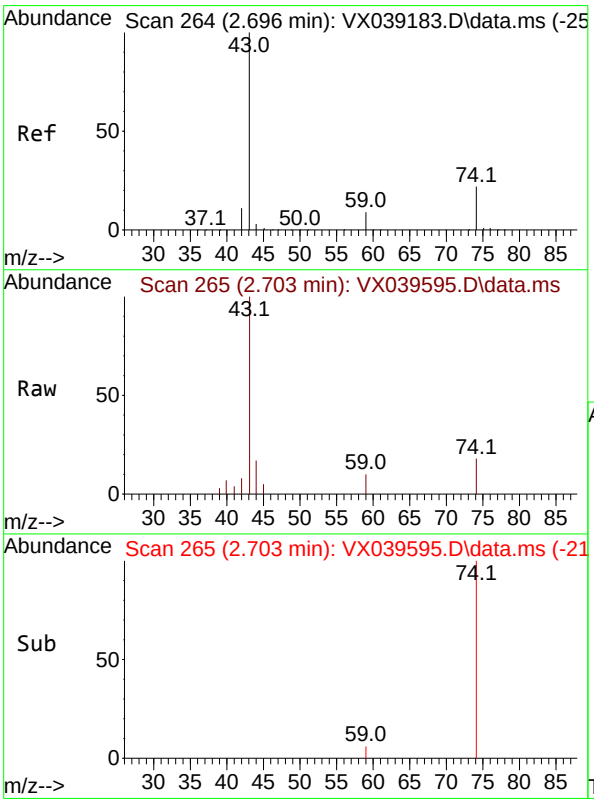
#16
Acetone
Concen: 19.720 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion: 43 Resp: 44030

Ion	Ratio	Lower	Upper
43	100		
58	42.3	21.9	32.9#

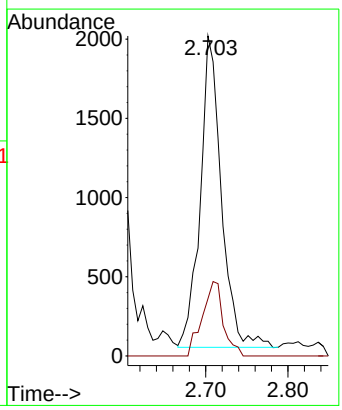


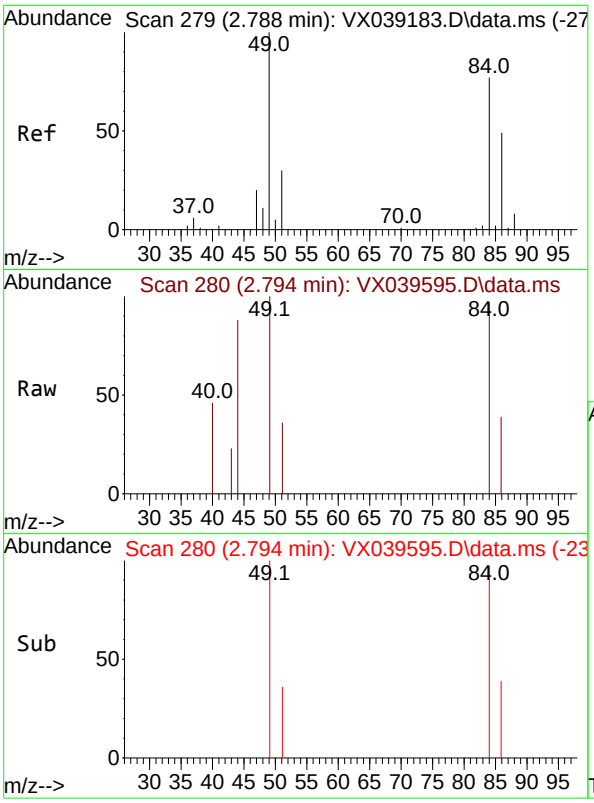


#18
Methyl Acetate
Concen: 0.886 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion: 43 Resp: 3518

Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.8	26.8



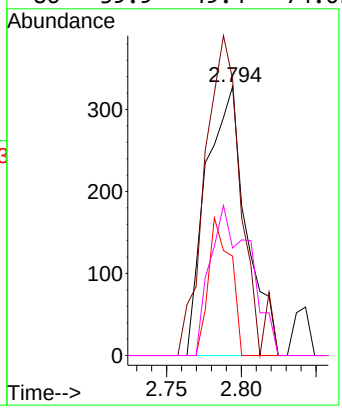


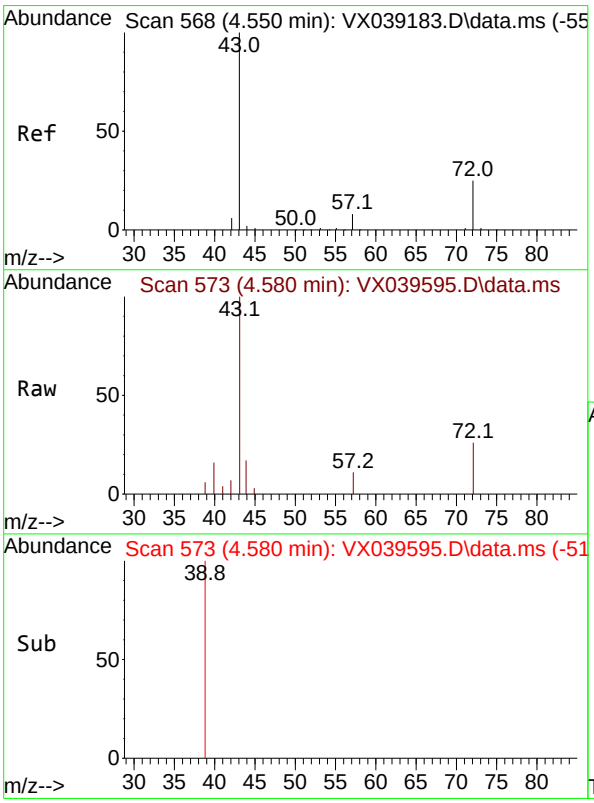
#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion: 84 Resp: 611

Ion	Ratio	Lower	Upper
84	100		
49	102.7	103.6	155.4#
51	36.9	33.8	50.6
86	39.9	49.4	74.0#

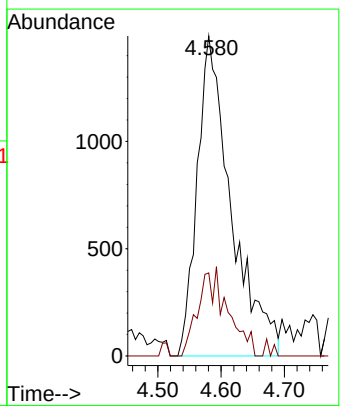


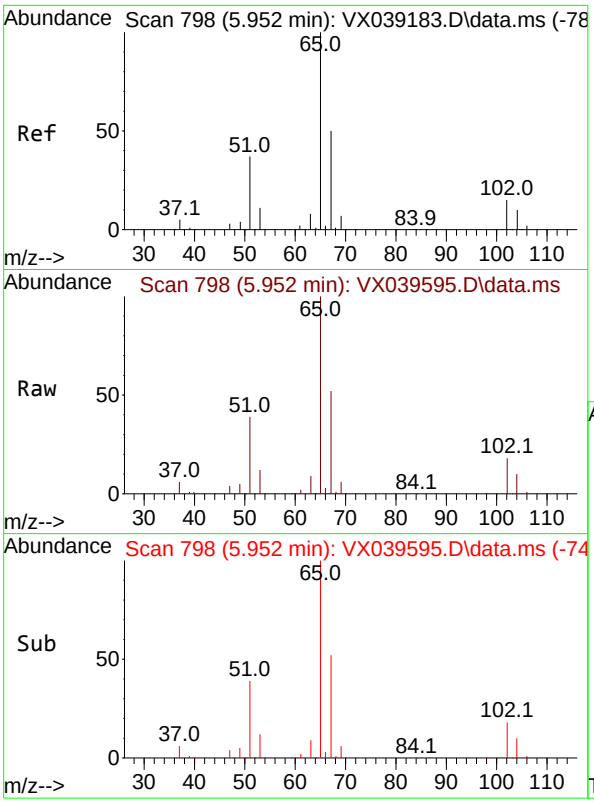


#25
2-Butanone
Concen: 3.521 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion: 43 Resp: 5579

Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.4	29.2



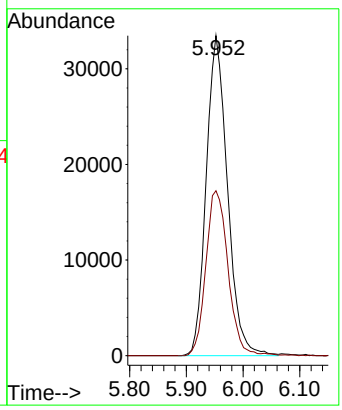


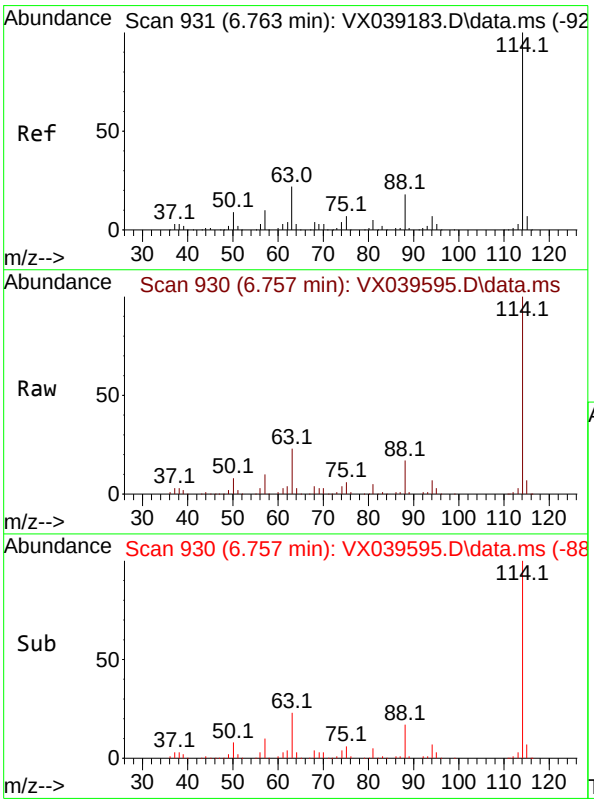
#33
1,2-Dichloroethane-d4
Concen: 47.491 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion: 65 Resp: 87205

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	100.2

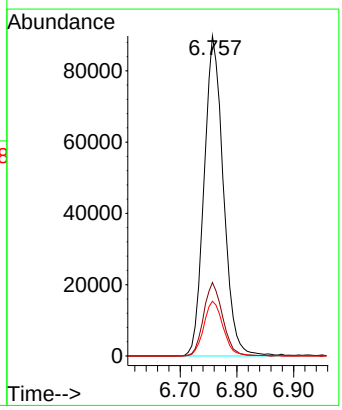


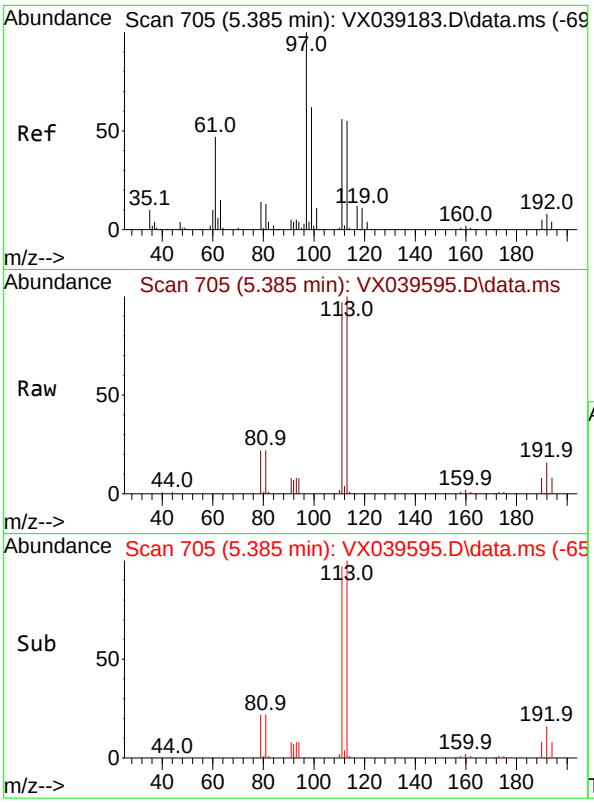


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion:114 Resp: 212460

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.0
88	17.1	0.0	36.6



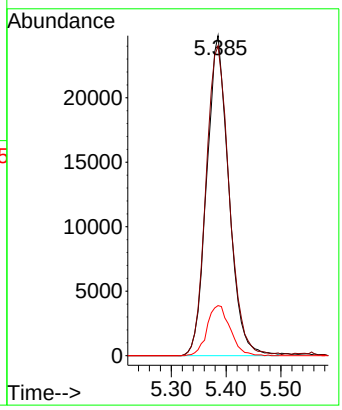


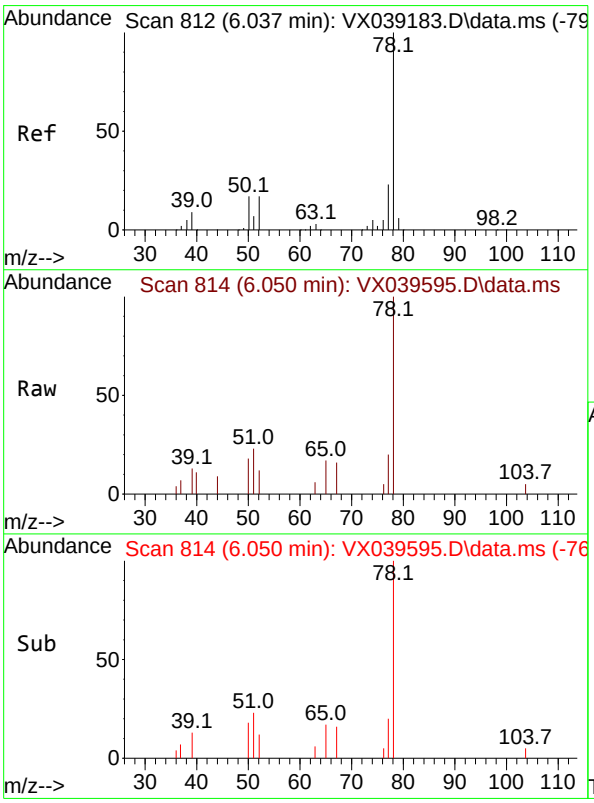
#35
Dibromofluoromethane
Concen: 47.354 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion:113 Resp: 69505

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	16.3	13.3	19.9

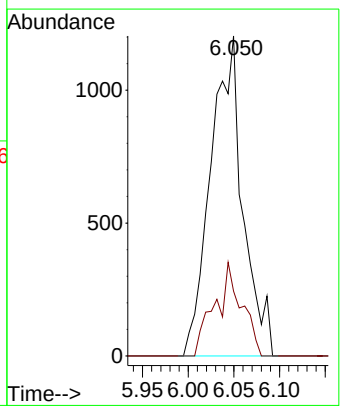


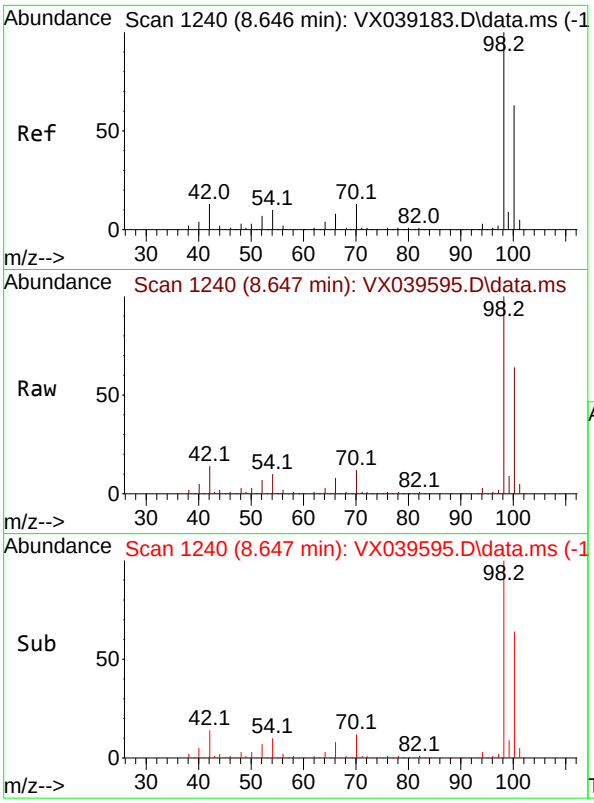


#40
Benzene
Concen: 0.449 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion: 78 Resp: 2945

Ion	Ratio	Lower	Upper
78	100		
77	20.3	19.3	28.9



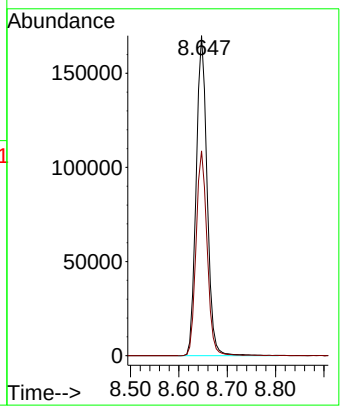


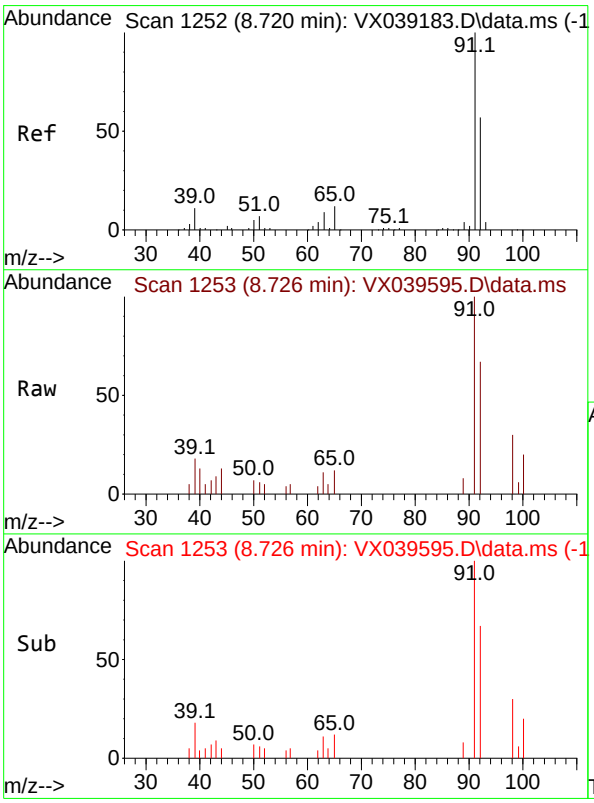
#50
Toluene-d8
Concen: 48.910 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion: 98 Resp: 266521

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.1	79.7

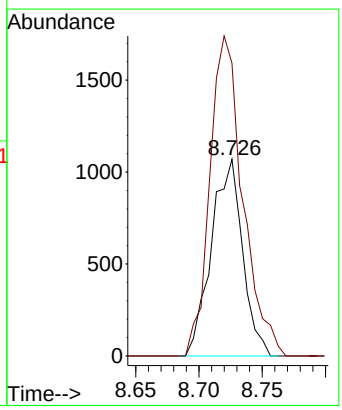


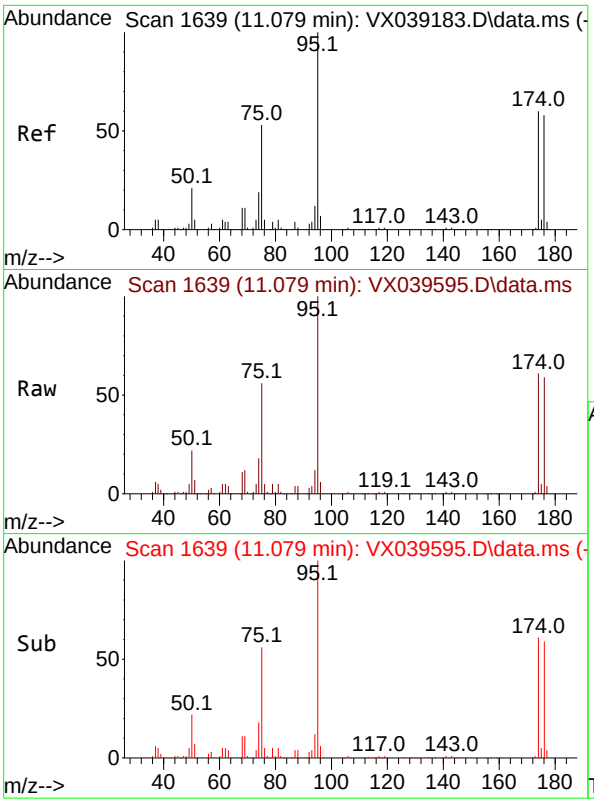


#52
Toluene
Concen: 0.464 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion: 92 Resp: 1833

Ion	Ratio	Lower	Upper
92	100		
91	171.6	134.2	201.2



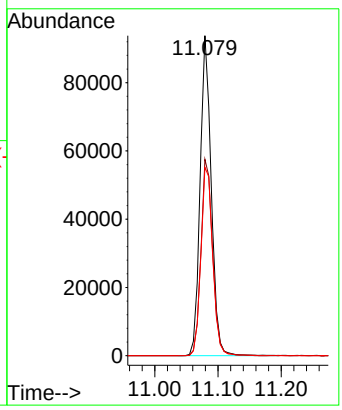


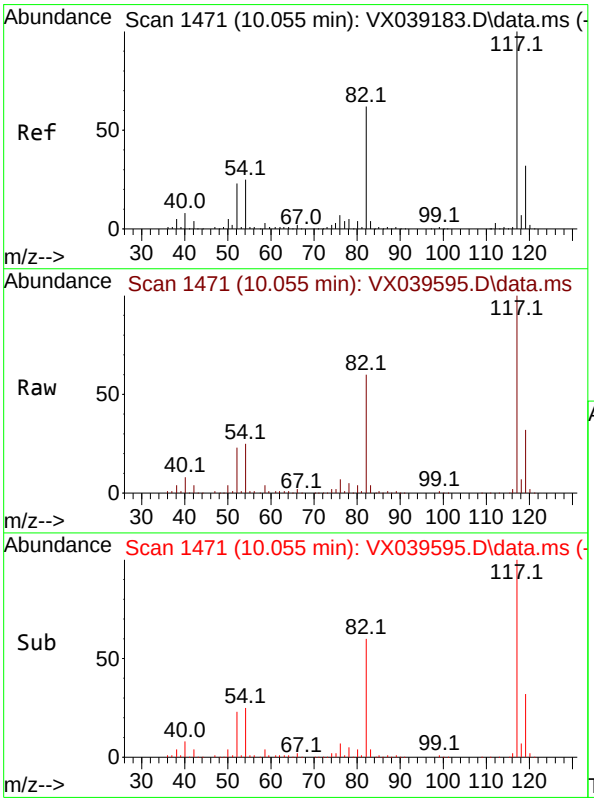
#62
4-Bromofluorobenzene
Concen: 51.050 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion: 95 Resp: 114775

Ion	Ratio	Lower	Upper
95	100		
174	64.4	0.0	135.6
176	62.5	0.0	131.0

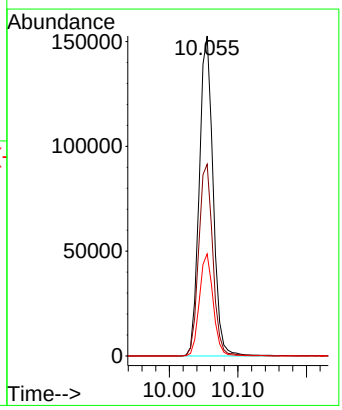


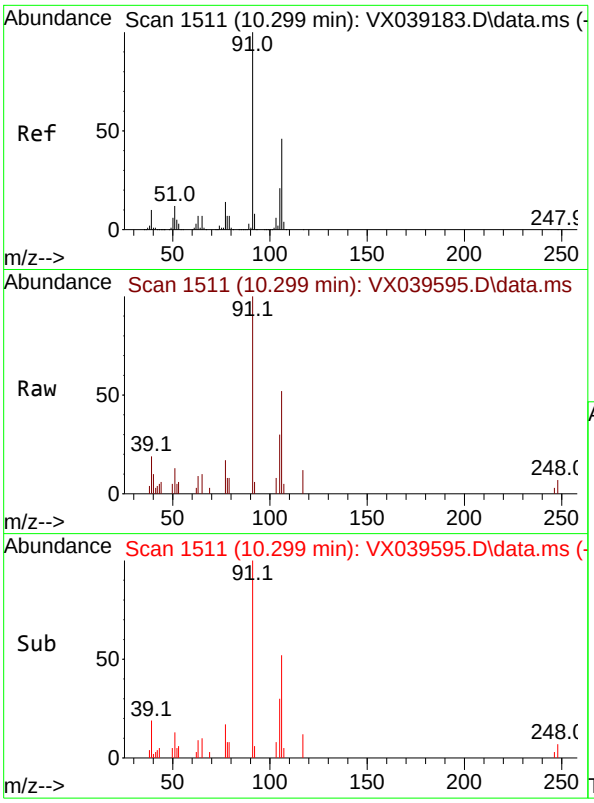


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion:117 Resp: 214494

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.2	69.4
119	31.9	25.5	38.3



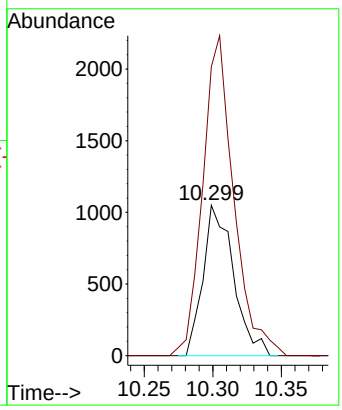


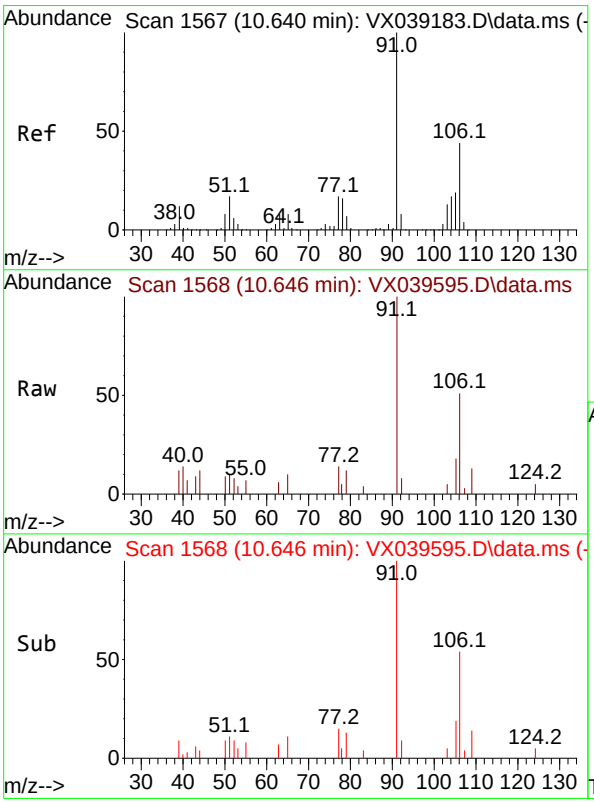
#68
m/p-Xylenes
Concen: 0.519 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion:106 Resp: 1623

Ion	Ratio	Lower	Upper
106	100		
91	216.7	165.5	248.3

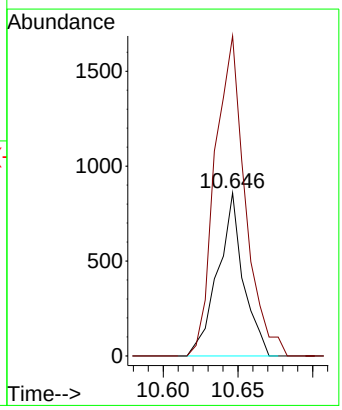


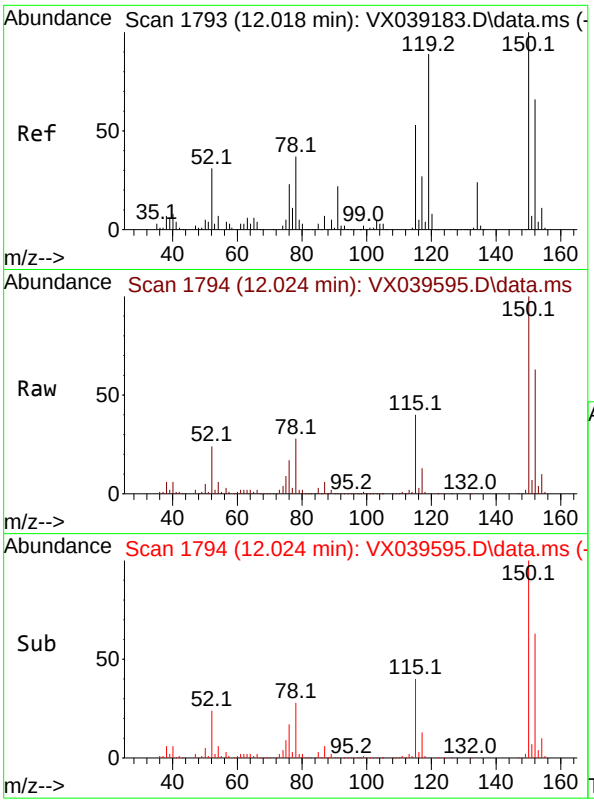


#69
o-Xylene
Concen: 0.337 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion:106 Resp: 1018

Ion	Ratio	Lower	Upper
106	100		
91	232.4	108.9	326.8



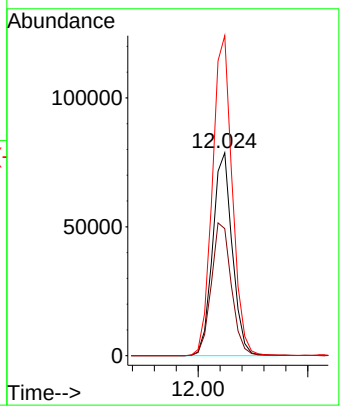


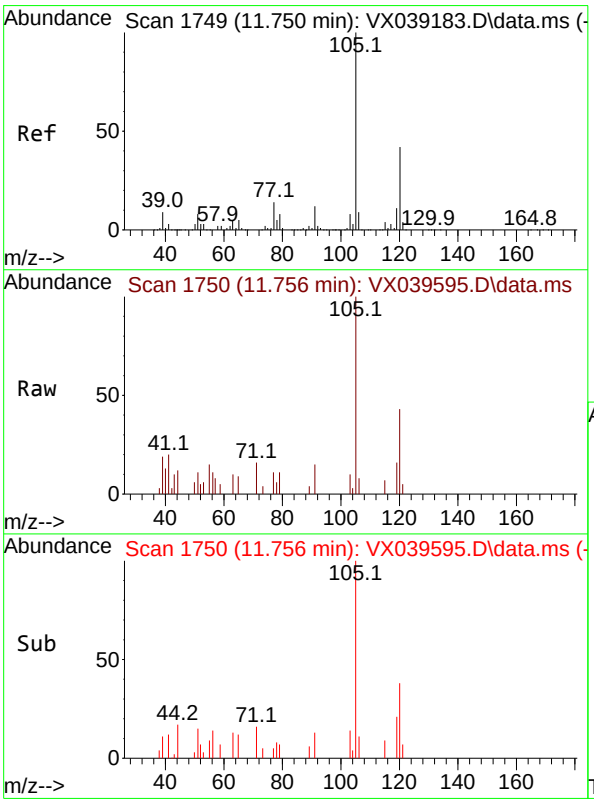
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion:152 Resp: 97868

Ion	Ratio	Lower	Upper
152	100		
115	67.2	43.3	129.9
150	159.3	0.0	345.0

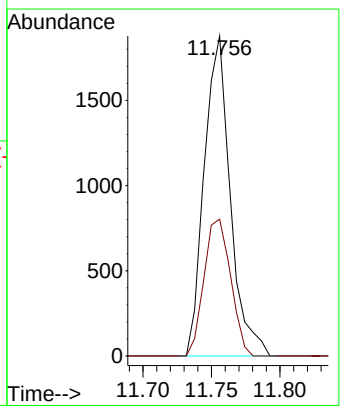


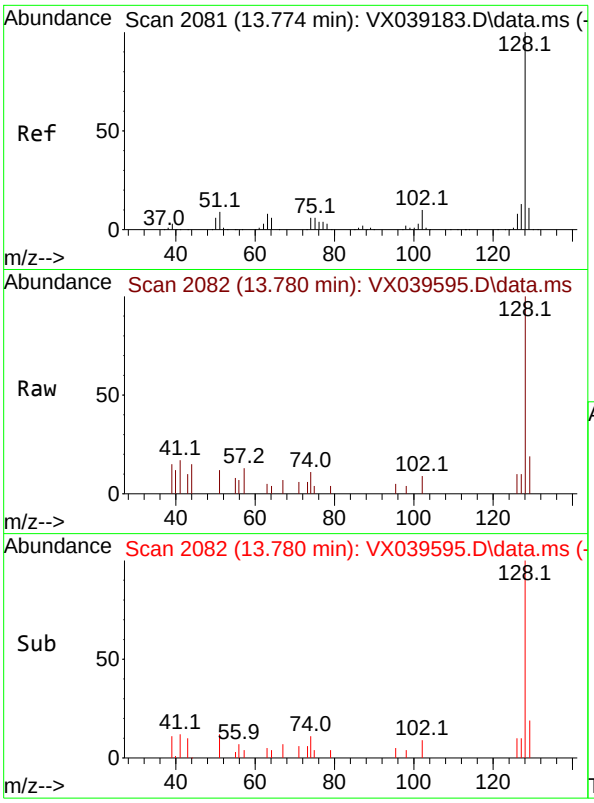


#84
1,2,4-Trimethylbenzene
Concen: 0.376 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Tgt Ion:105 Resp: 2480

Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.2	63.6





#95
Naphthalene
Concen: 0.246 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX039595.D
Acq: 03 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
ORA-1207

Tgt Ion:128 Resp: 1762

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	10.0	8.8	13.2