Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
Data File : VX041409.D
Acq On : 07 May 2024 16:13
Operator : JC/MD
Sample : P2389-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1401

Quant Time: May 08 02:02:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	193024	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	279439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103033	49.032	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.060%		
35) Dibromofluoromethane	5.385	113	83801	44.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.500%		
50) Toluene-d8	8.647	98	254541	42.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.940%#		
62) 4-Bromofluorobenzene	11.079	95	97095	41.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.700%		
Target Compounds						Qvalue
16) Acetone	2.392	43	9565	6.527	ug/l	99
18) Methyl Acetate	2.709	43	6636	3.087	ug/l	98
20) Methylene Chloride	2.788	84	2005	1.099	ug/l	87
40) Benzene	6.038	78	5377	0.770	ug/l #	84
52) Toluene	8.720	92	3452	0.808	ug/l	95
68) m/p-Xylenes	10.305	106	2171	0.744	ug/l	97
69) o-Xylene	10.647	106	921	0.330	ug/l	82
70) Styrene	10.659	104	7439	1.623	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	2194	0.392	ug/l	87
95) Naphthalene	13.780	128	10228	1.337	ug/l	98

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

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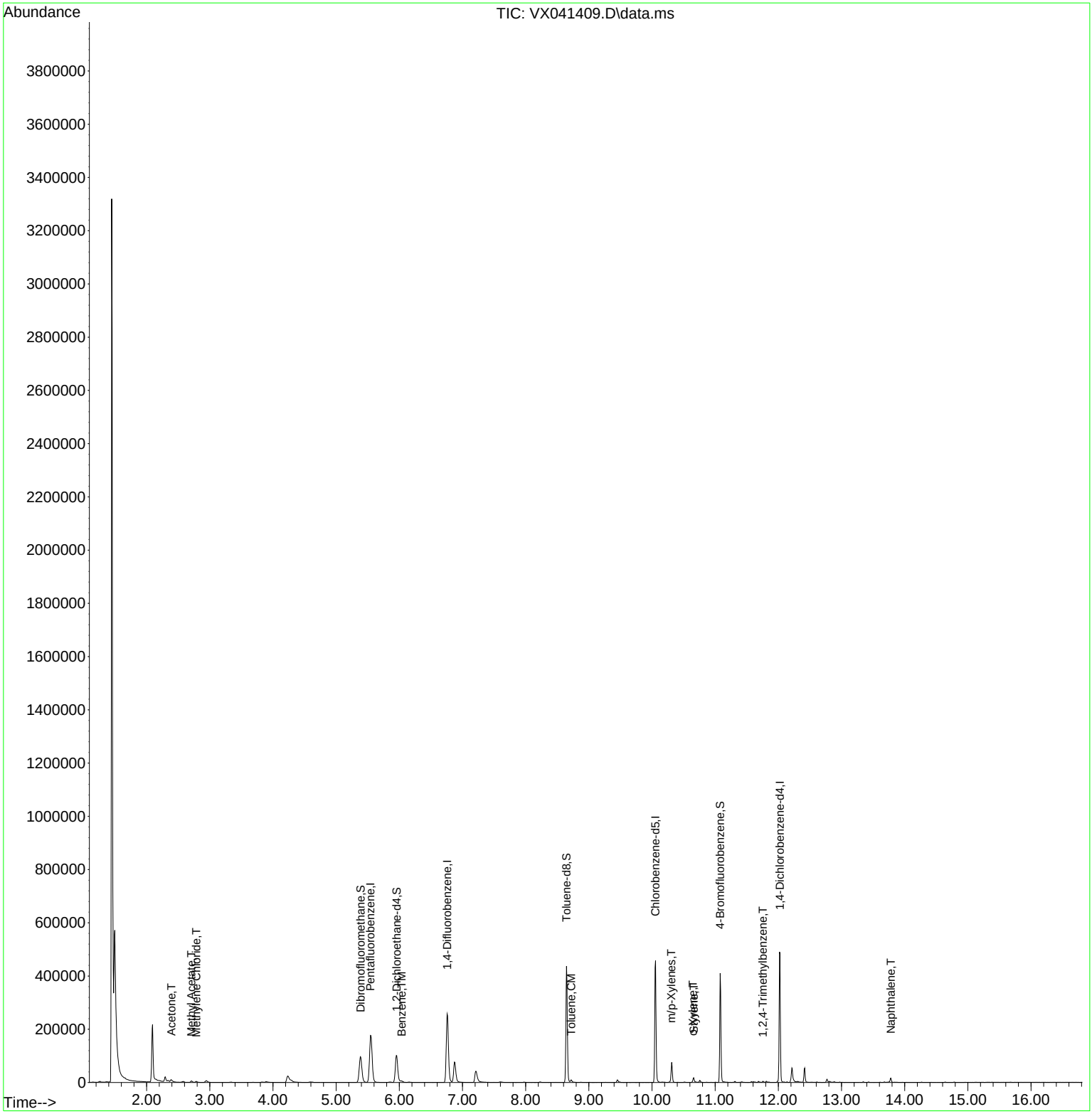
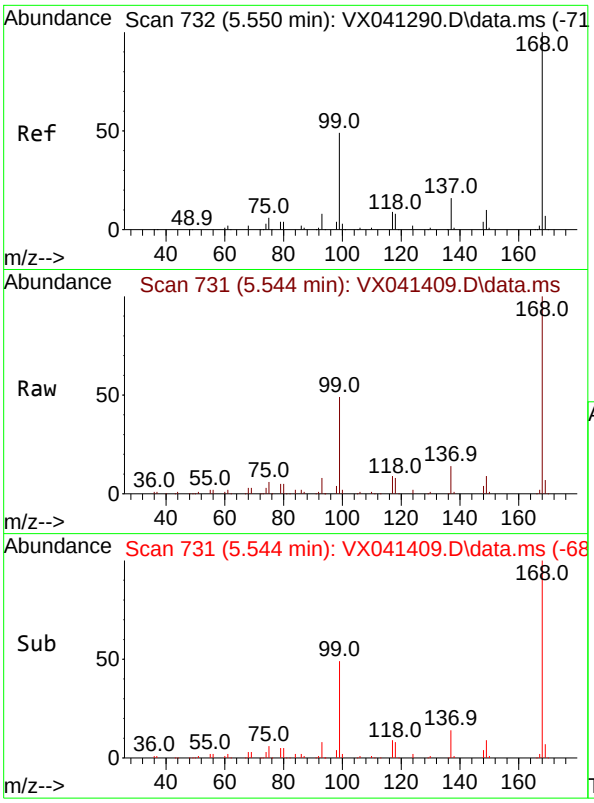


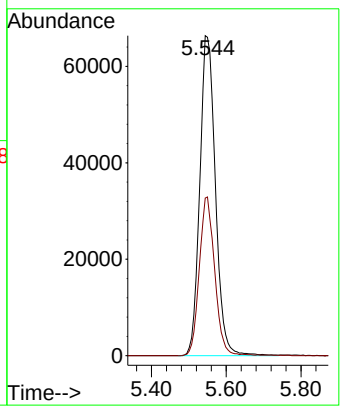


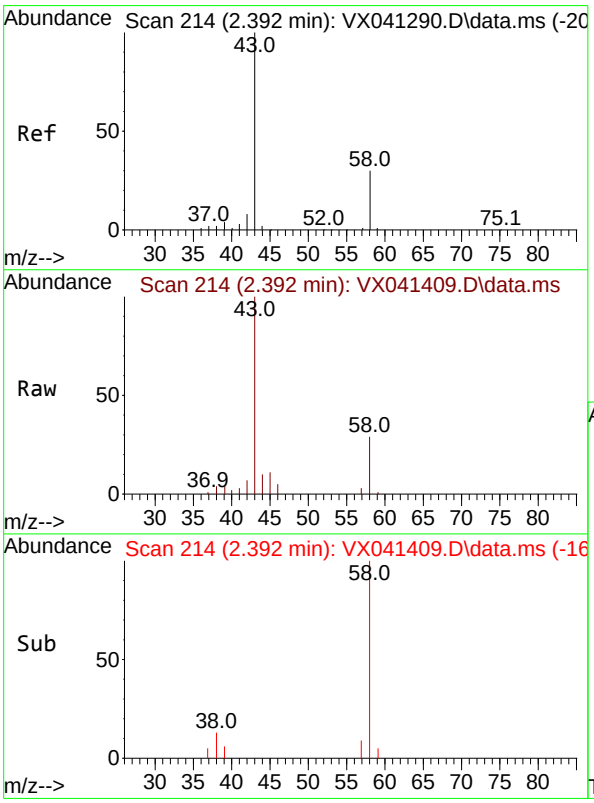
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion:168 Resp: 193024

Ion	Ratio	Lower	Upper
168	100		
99	49.2	56.6	85.0#

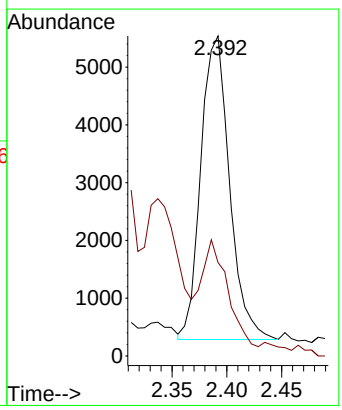


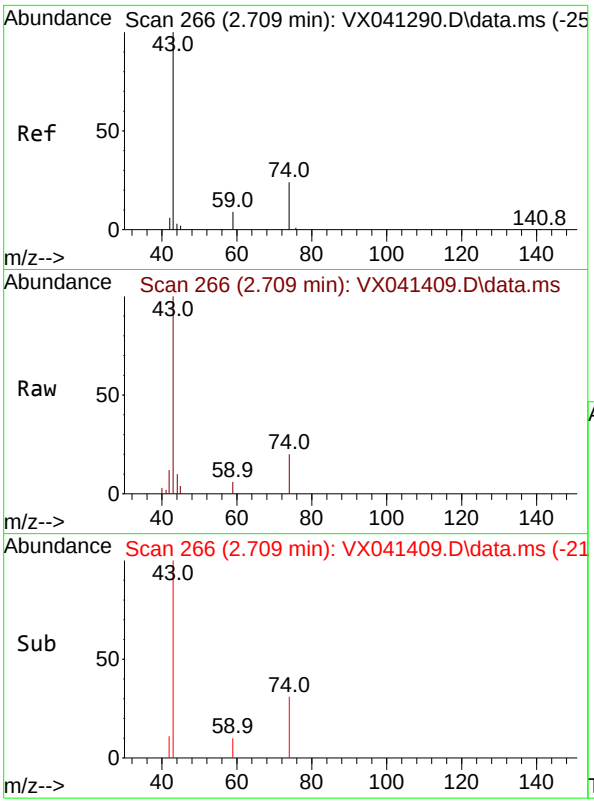


#16
Acetone
Concen: 6.527 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion: 43 Resp: 9565

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.9	32.9



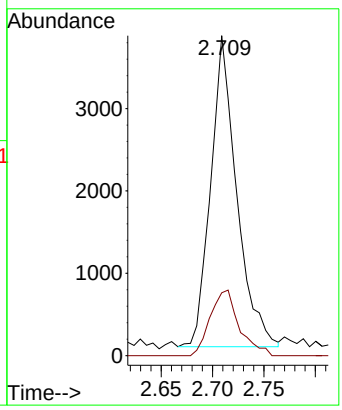


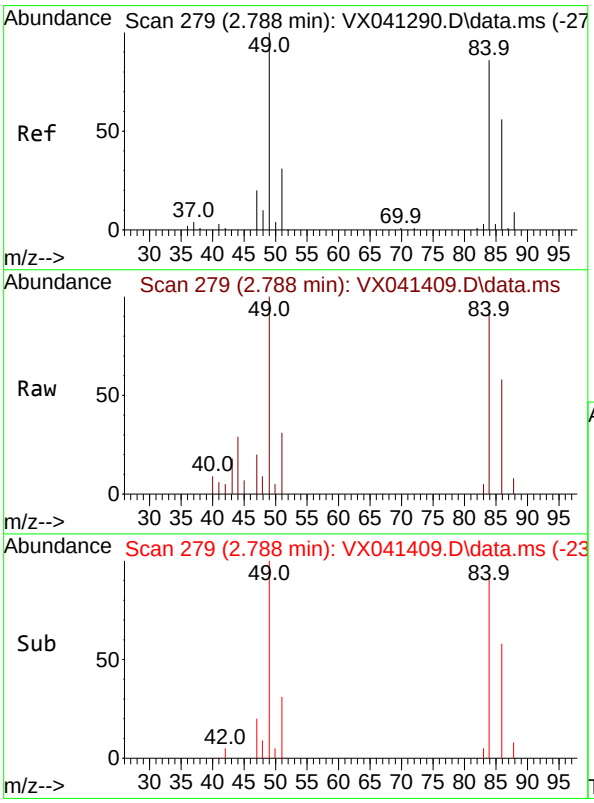
#18
Methyl Acetate
Concen: 3.087 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion: 43 Resp: 6636

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.8	26.8

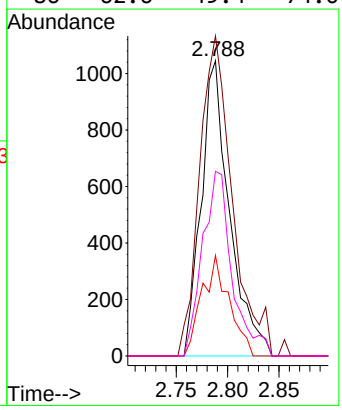


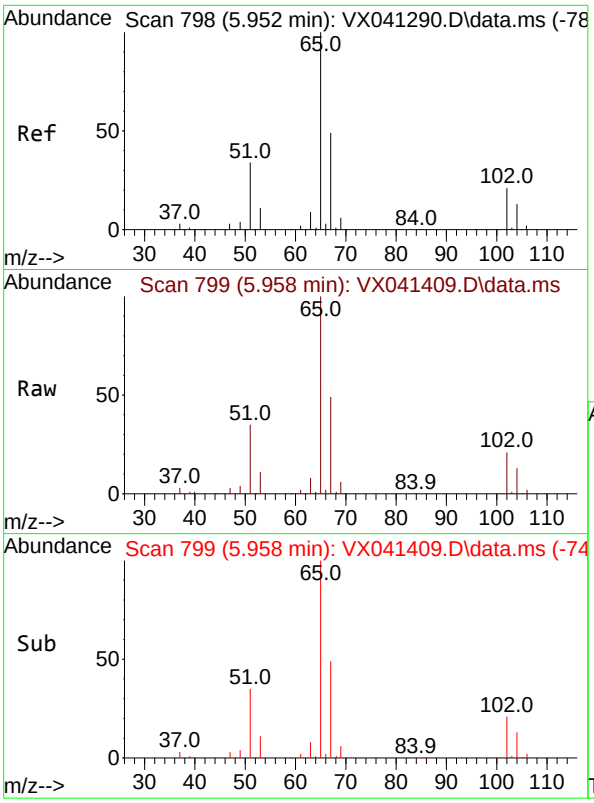


#20
Methylene Chloride
Concen: 1.099 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion: 84 Resp: 2005

Ion	Ratio	Lower	Upper
84	100		
49	108.4	103.6	155.4
51	34.1	33.8	50.6
86	62.6	49.4	74.0



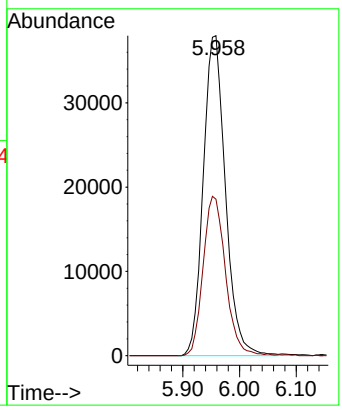


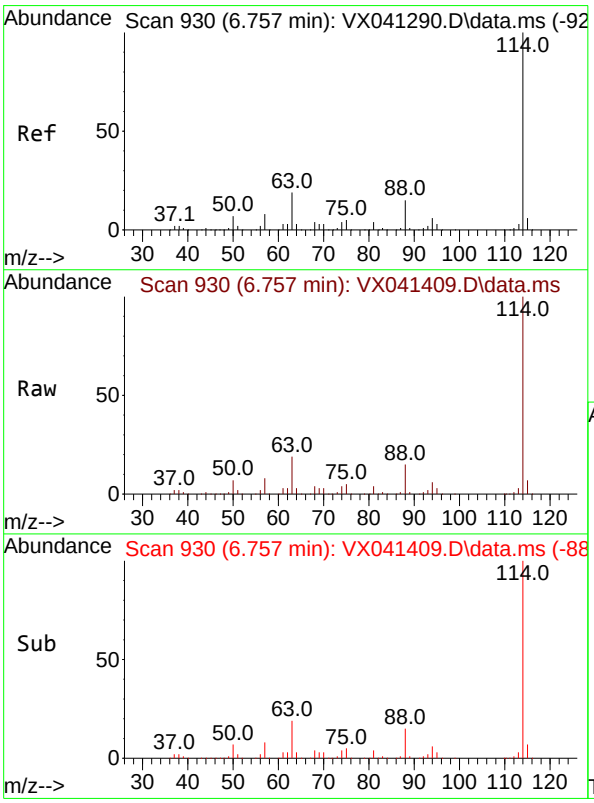
#33
1,2-Dichloroethane-d4
Concen: 49.032 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion: 65 Resp: 103033

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.2

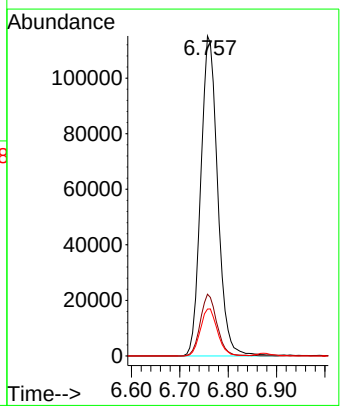


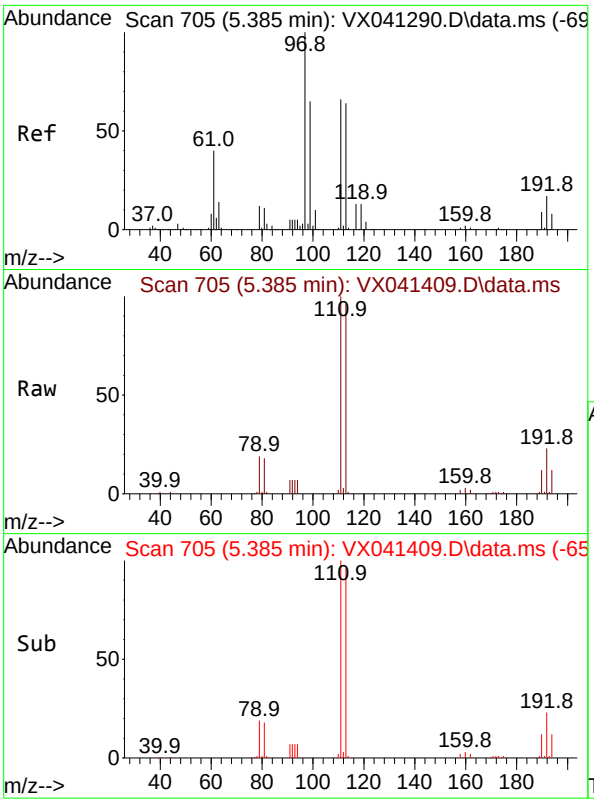


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion:114 Resp: 279439

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	45.0
88	14.7	0.0	36.6



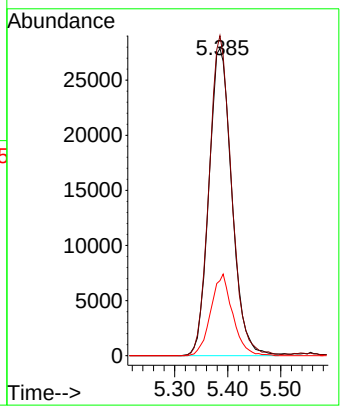


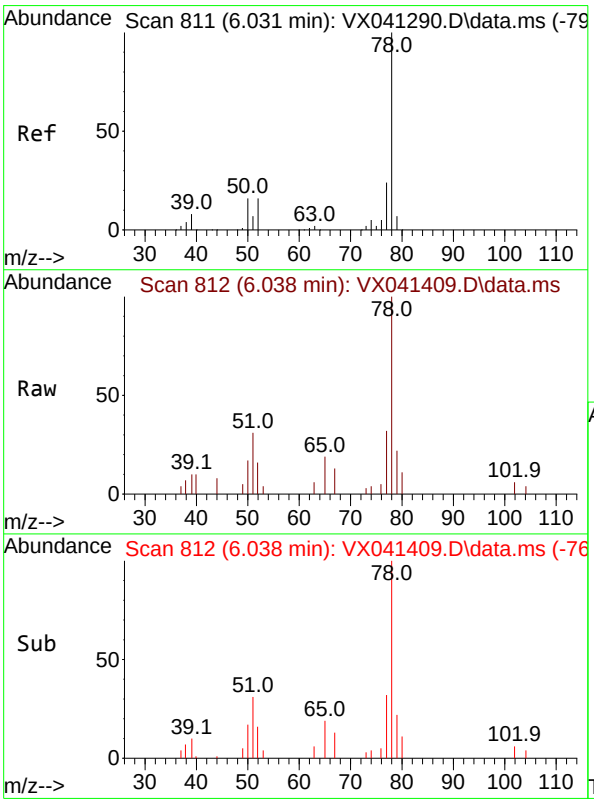
#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion:113 Resp: 83801

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	25.3	13.3	19.9#

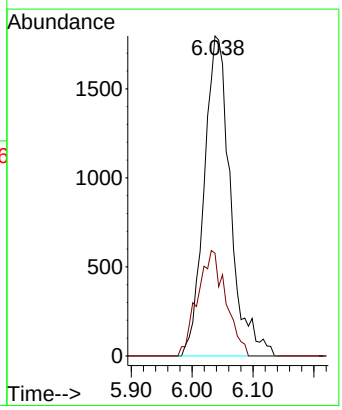


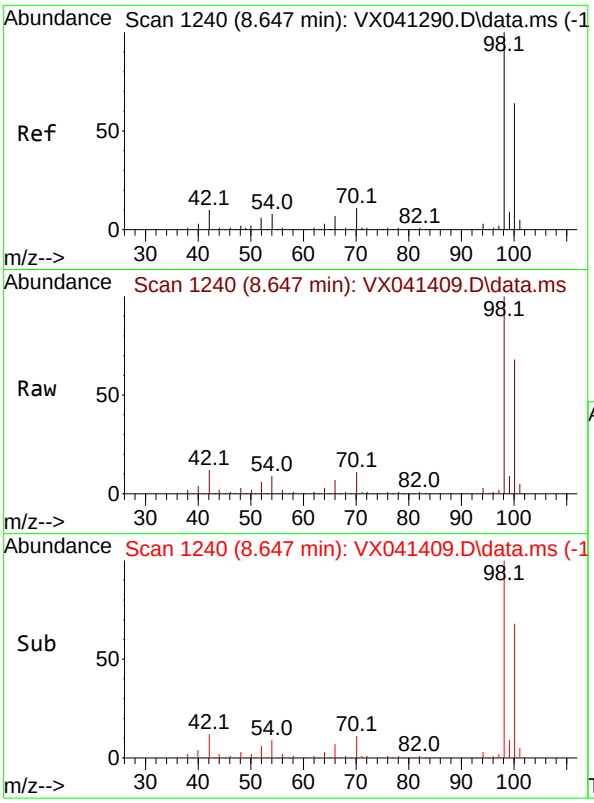


#40
Benzene
Concen: 0.770 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion: 78 Resp: 5377

Ion	Ratio	Lower	Upper
78	100		
77	32.1	19.3	28.9#



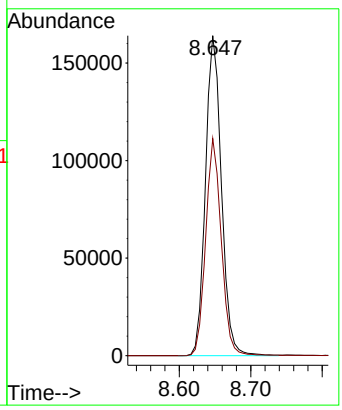


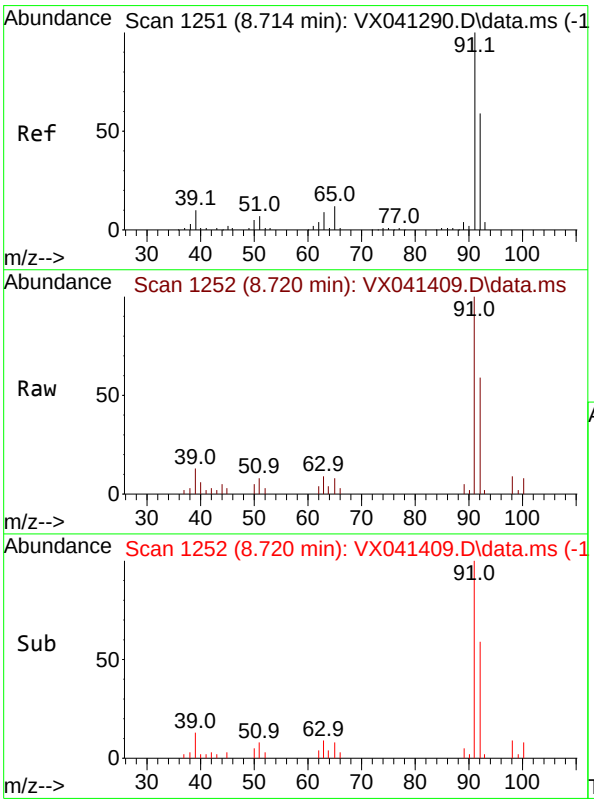
#50
Toluene-d8
Concen: 42.468 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion: 98 Resp: 254541

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7

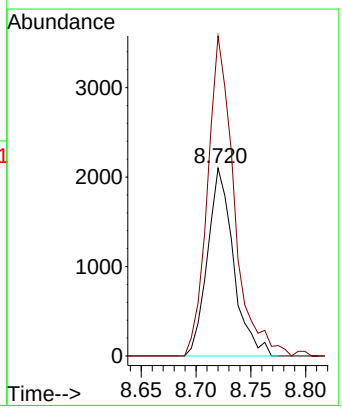


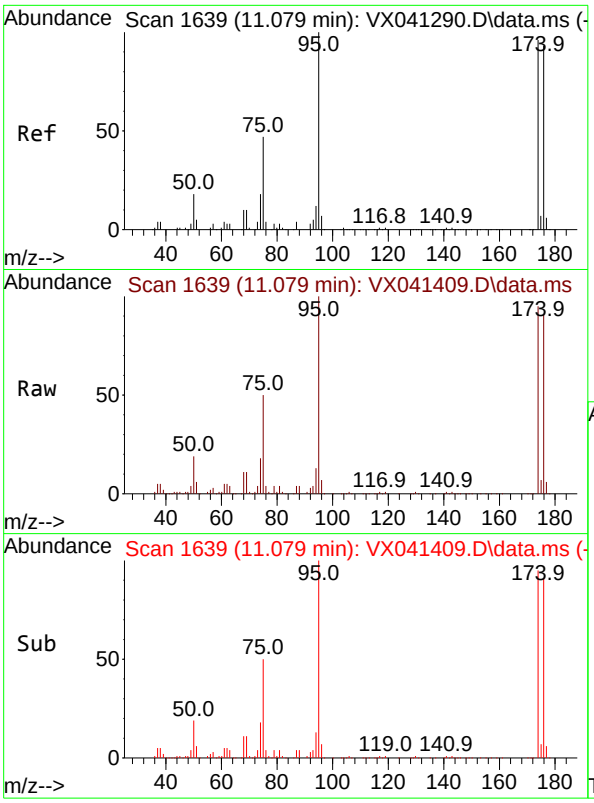


#52
Toluene
Concen: 0.808 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion: 92 Resp: 3452

Ion	Ratio	Lower	Upper
92	100		
91	175.1	134.2	201.2



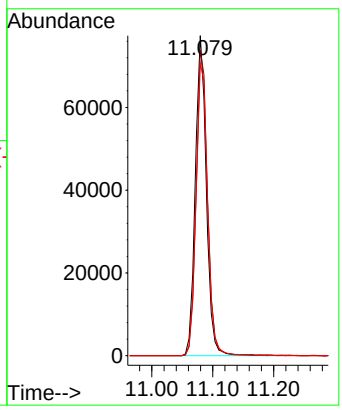


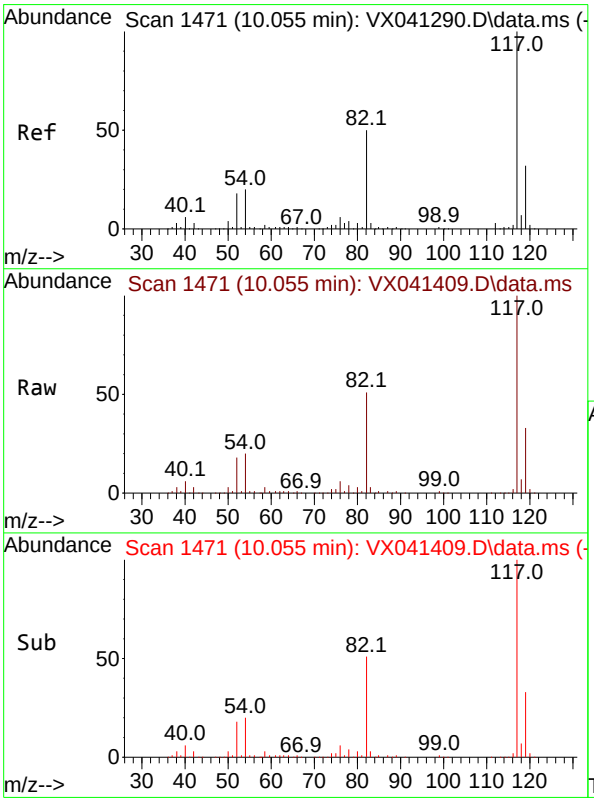
#62
4-Bromofluorobenzene
Concen: 41.848 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion: 95 Resp: 97095

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	135.6
176	95.6	0.0	131.0

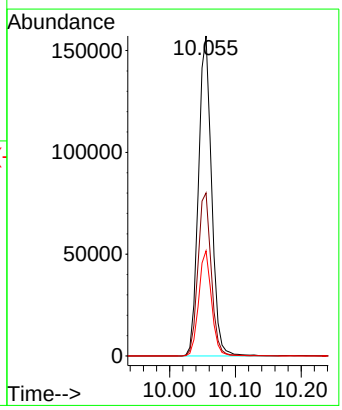


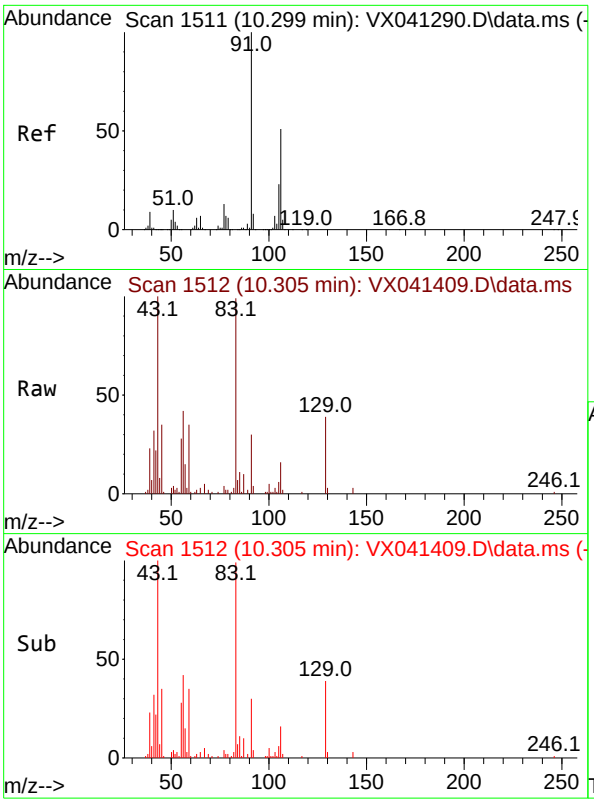


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion:117 Resp: 217527

Ion	Ratio	Lower	Upper
117	100		
82	50.9	46.2	69.4
119	32.8	25.5	38.3



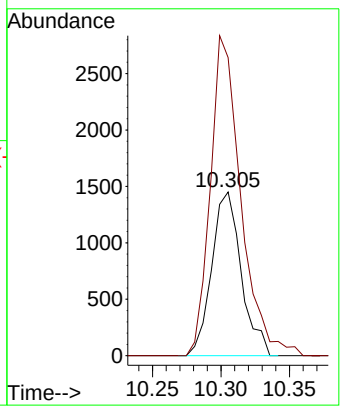


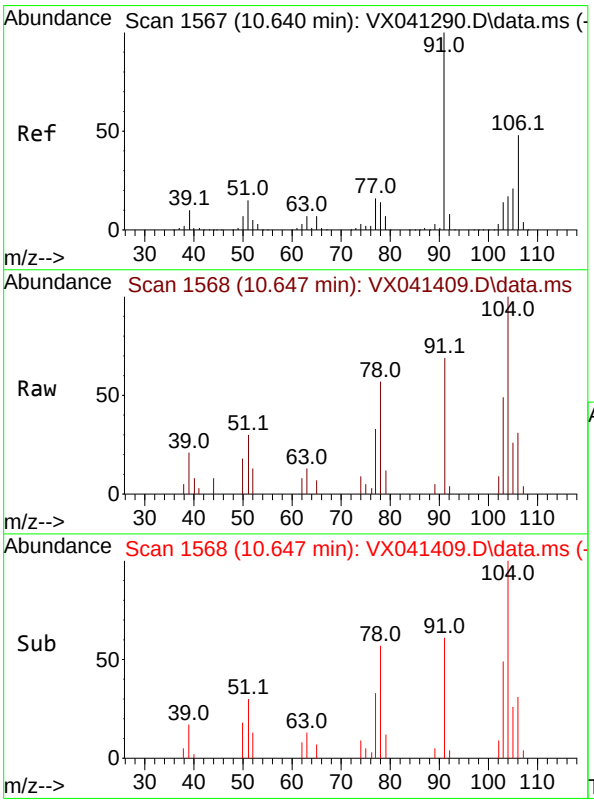
#68
m/p-Xylenes
Concen: 0.744 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion:106 Resp: 2171

Ion	Ratio	Lower	Upper
106	100		
91	202.4	165.5	248.3

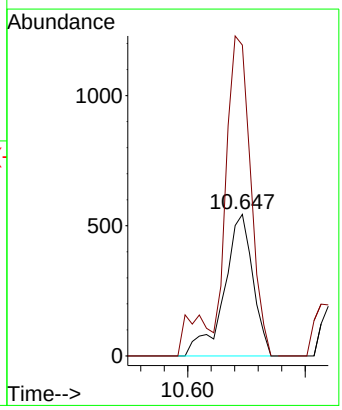


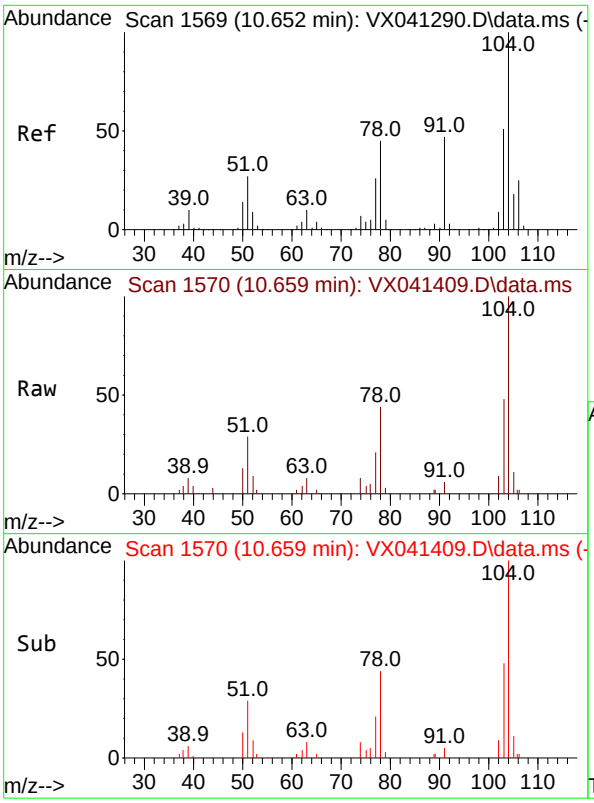


#69
o-Xylene
Concen: 0.330 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion:106 Resp: 921

Ion	Ratio	Lower	Upper
106	100		
91	189.6	108.9	326.8



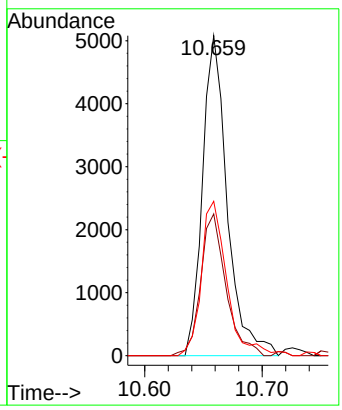


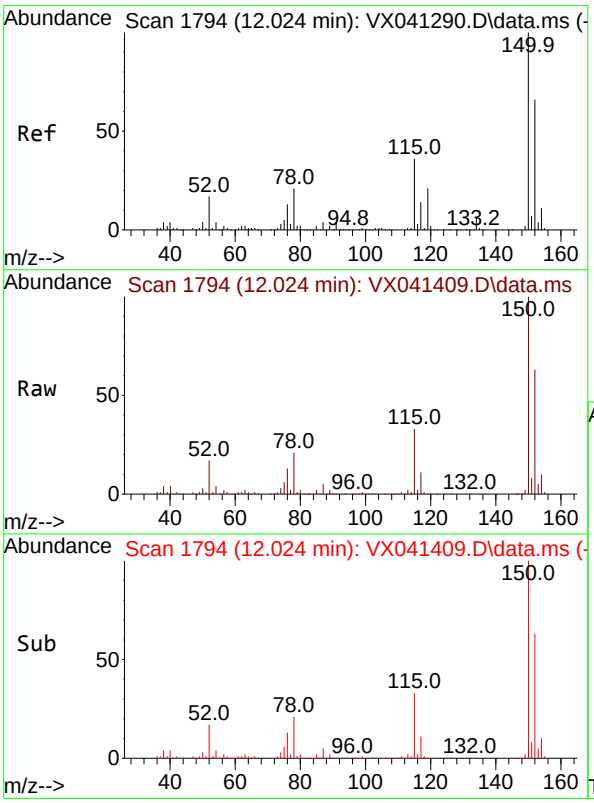
#70
Styrene
Concen: 1.623 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion:104 Resp: 7439

Ion	Ratio	Lower	Upper
104	100		
78	45.1	43.6	65.4
103	49.7	43.6	65.4

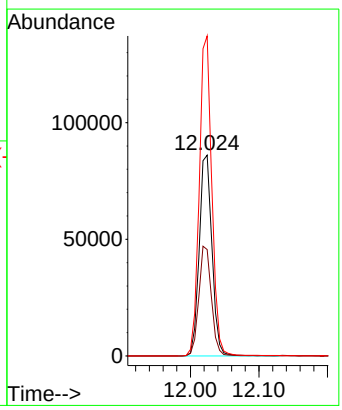


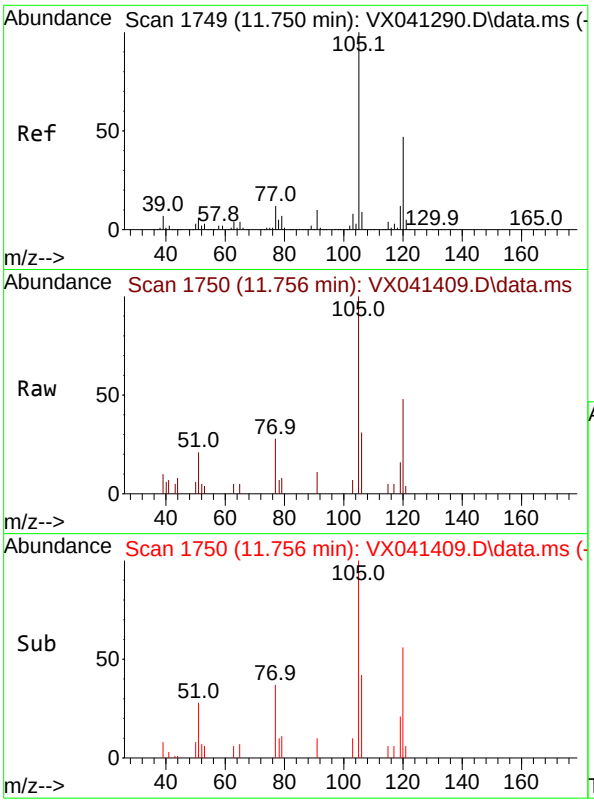


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion:152 Resp: 111658

Ion	Ratio	Lower	Upper
152	100		
115	54.1	43.3	129.9
150	156.9	0.0	345.0



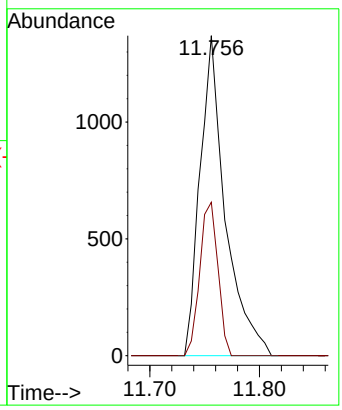


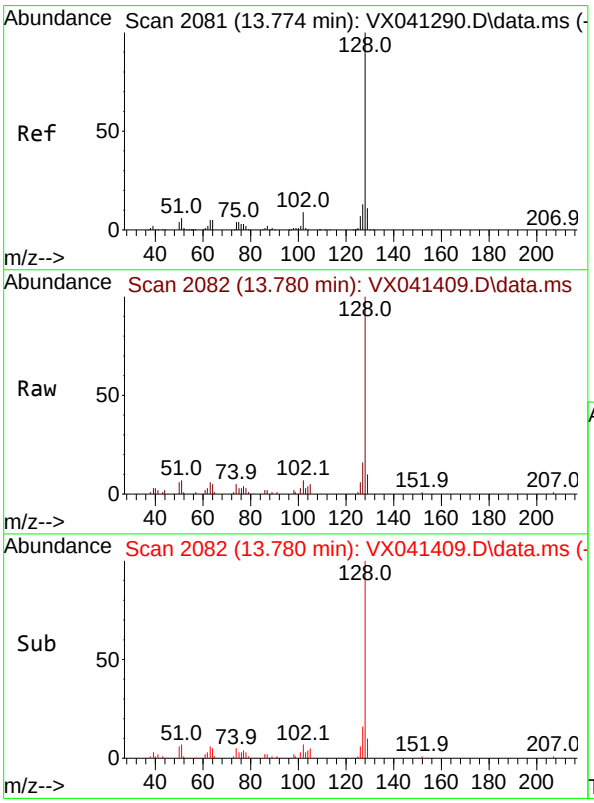
#84
1,2,4-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
1401

Tgt Ion:105 Resp: 2194

Ion	Ratio	Lower	Upper
105	100		
120	34.4	21.2	63.6





#95
Naphthalene
Concen: 1.337 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041409.D
Acq: 07 May 2024 16:13

Tgt Ion:128 Resp: 10228

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	9.9	8.8	13.2