Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032005.D
Acq On : 10 Oct 2022 12:25
Operator : JC/MD
Sample : N4937-20DL 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Quant Time: Oct 11 05:08:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	72137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69964	46.963	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.920%			
35) Dibromofluoromethane	5.385	113	58285	47.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.647	98	220744	49.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	11.079	95	72807	46.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.700%			
Target Compounds						Qvalue
16) Acetone	2.386	43	1685	3.328	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	3168	0.859	ug/l #	33
31) Cyclohexane	5.471	56	3615	2.031	ug/l	95
39) Methylcyclohexane	7.379	83	1488	0.762	ug/l	91
40) Benzene	6.044	78	332962	69.450	ug/l	100
42) 1,2-Dichloroethane	6.092	62	5704	3.265	ug/l	97
52) Toluene	8.720	92	165929	52.934	ug/l	100
67) Ethyl Benzene	10.195	91	77886	13.551	ug/l	95
68) m/p-Xylenes	10.299	106	138738	60.742	ug/l	100
69) o-Xylene	10.640	106	61913	27.888	ug/l	100
73) Isopropylbenzene	10.964	105	5223	1.004	ug/l	95
78) n-propylbenzene	11.305	91	13700	2.315	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26426	6.123	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	87059	19.857	ug/l	98
95) Naphthalene	13.774	128	10353	2.051	ug/l	98

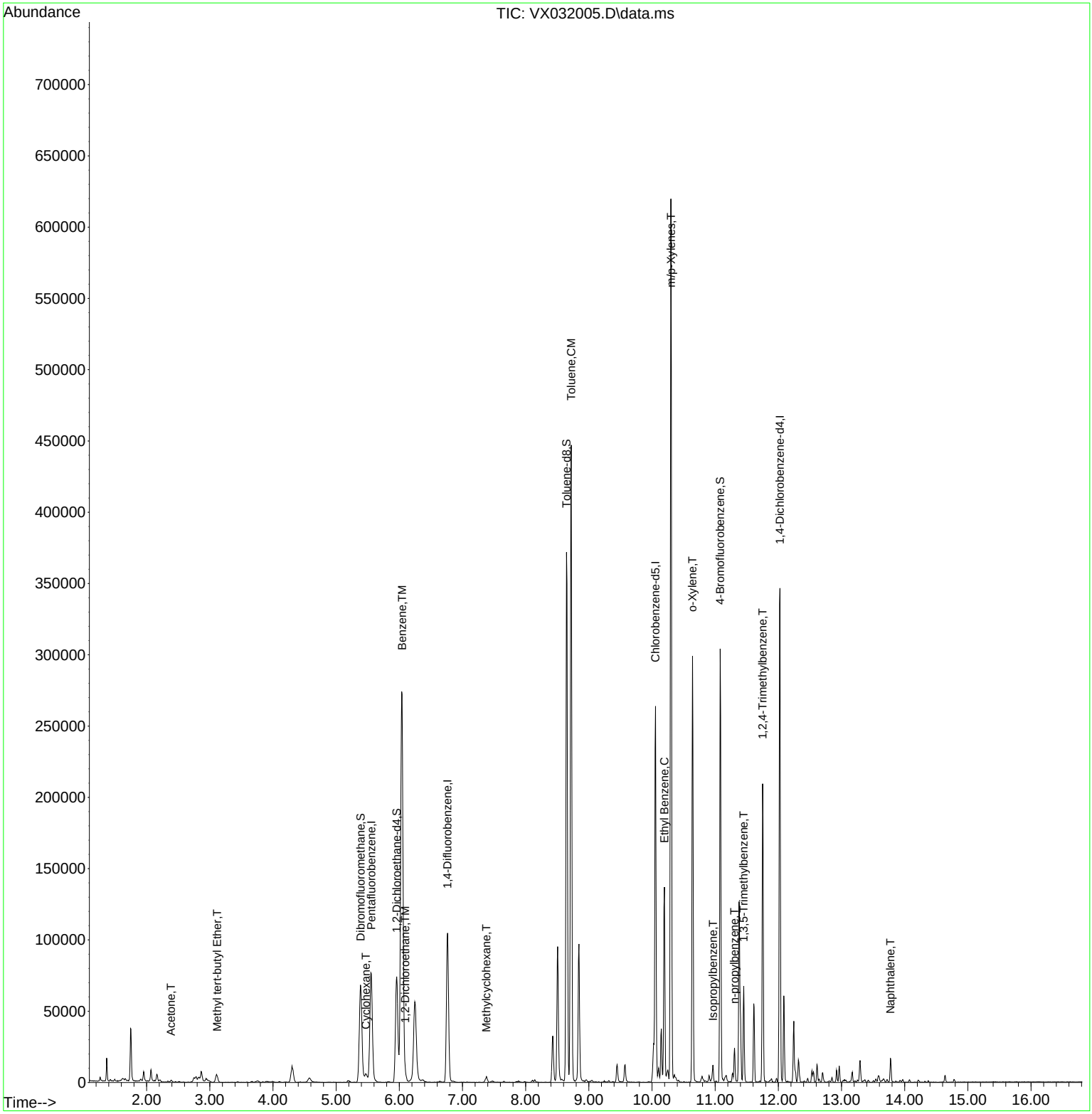
(#) = qualifier out of range (m) = manual integration (+) = signals summed

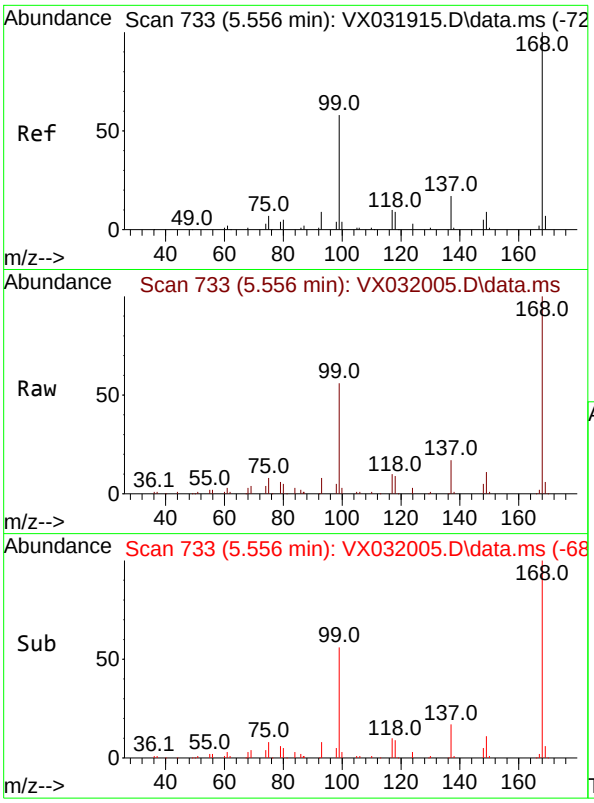
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032005.D
Acq On : 10 Oct 2022 12:25
Operator : JC/MD
Sample : N4937-20DL 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Quant Time: Oct 11 05:08:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration



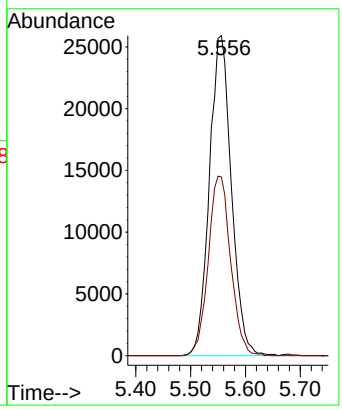


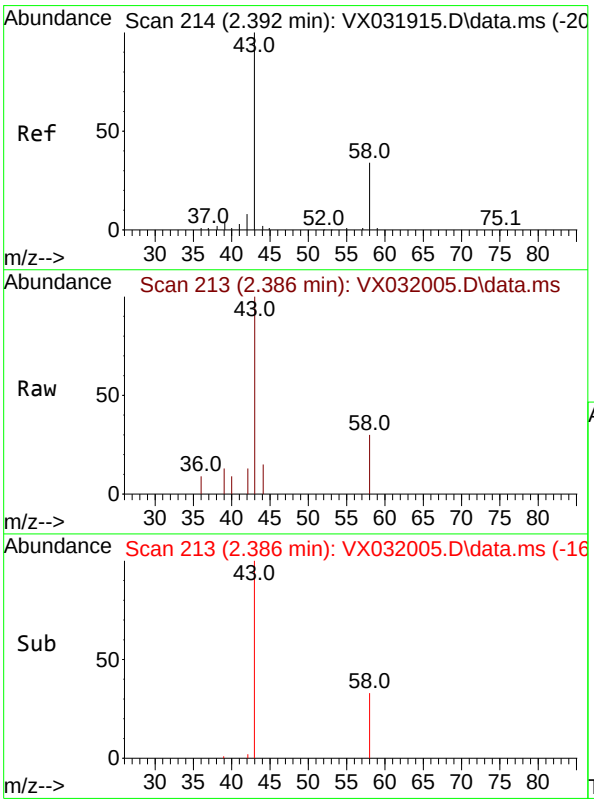
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:168 Resp: 72137

Ion	Ratio	Lower	Upper
168	100		
99	55.8	48.8	73.2

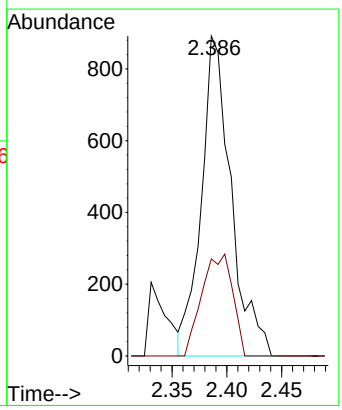


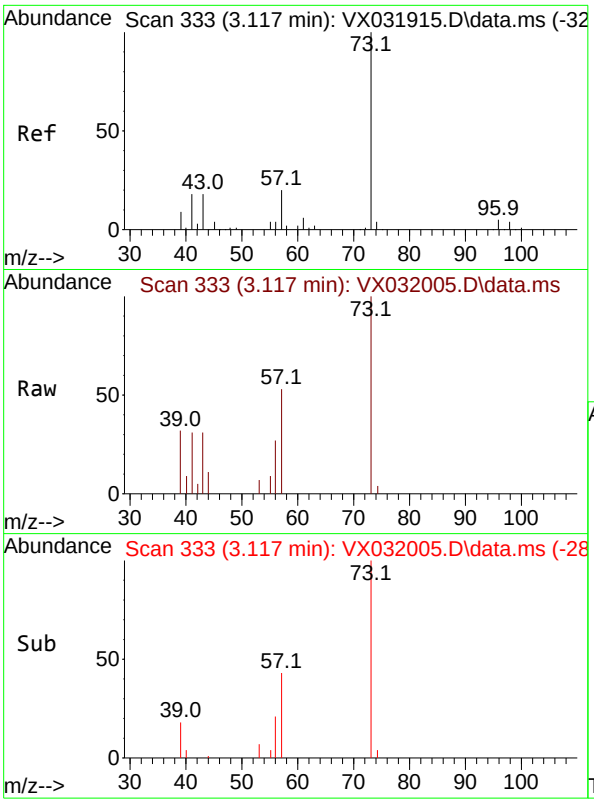


#16
Acetone
Concen: 3.328 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 43 Resp: 1685

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.8



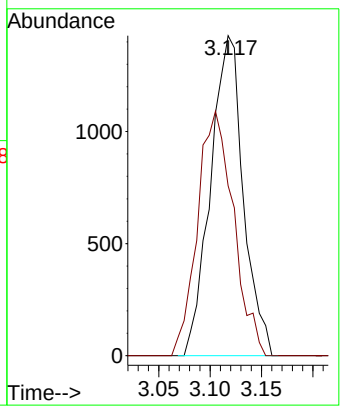


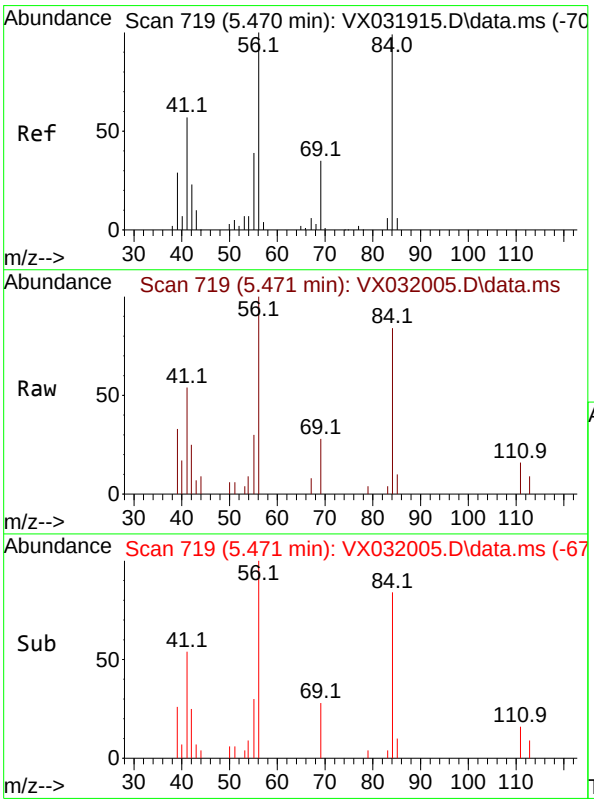
#19
Methyl tert-butyl Ether
Concen: 0.859 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 73 Resp: 3168

Ion	Ratio	Lower	Upper
73	100		
57	53.1	17.2	25.8#

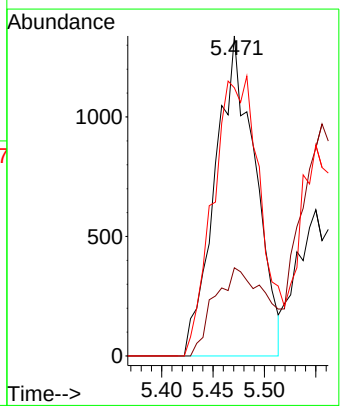


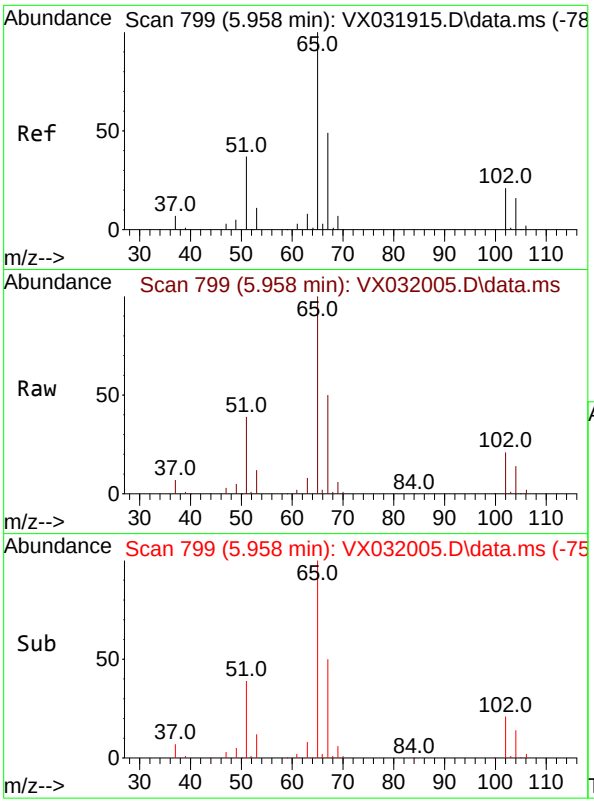


#31
Cyclohexane
Concen: 2.031 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 56 Resp: 3615

Ion	Ratio	Lower	Upper
56	100		
69	27.6	25.1	37.7
84	83.8	70.2	105.4



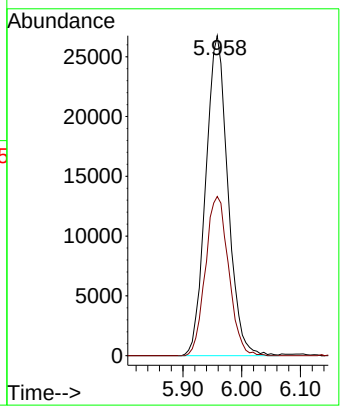


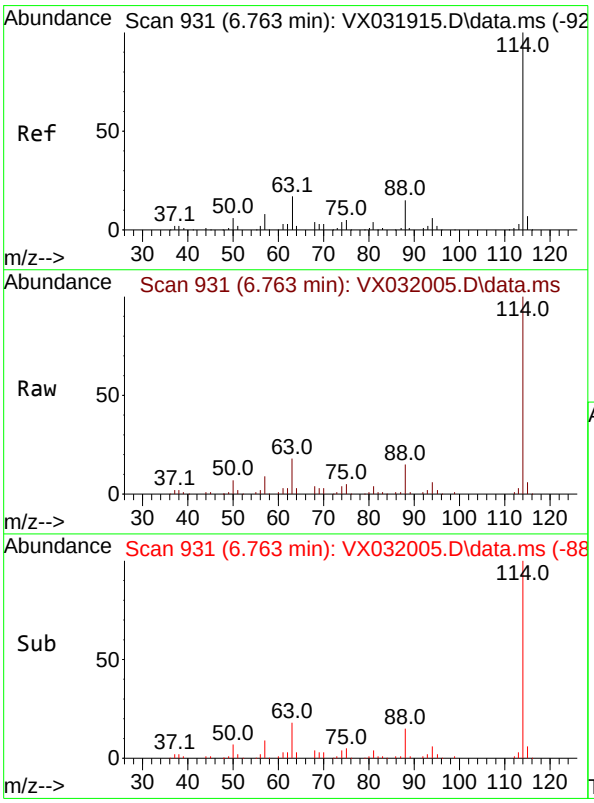
#33
1,2-Dichloroethane-d4
Concen: 46.963 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 65 Resp: 69964

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.4

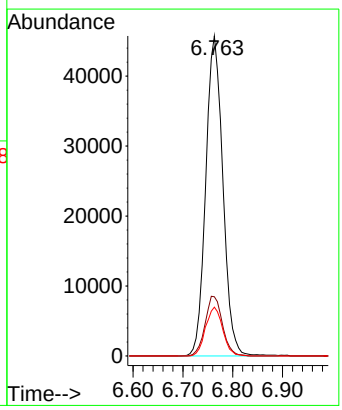


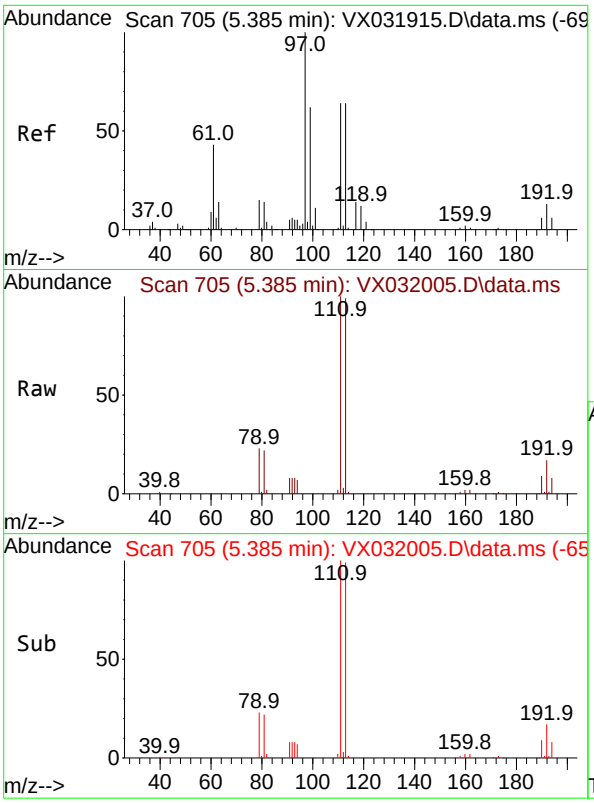


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:114 Resp: 109077

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.6
88	15.3	0.0	33.0



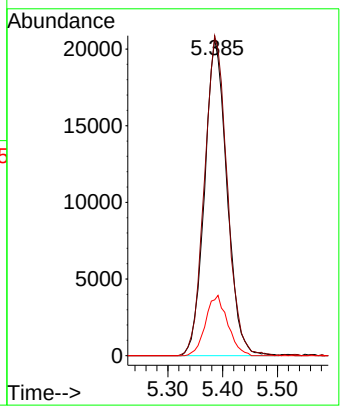


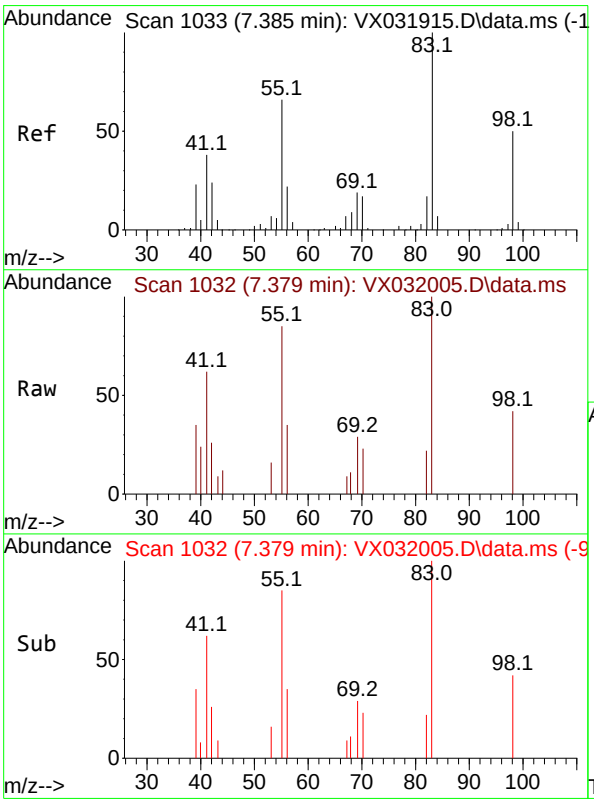
#35
Dibromofluoromethane
Concen: 47.206 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:113 Resp: 58285

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.9	14.1	21.1

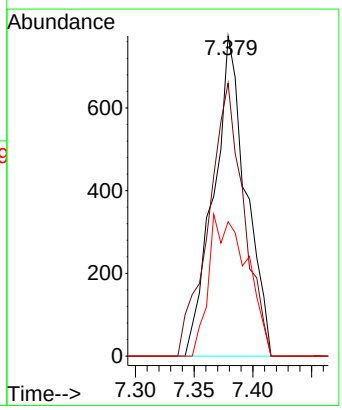


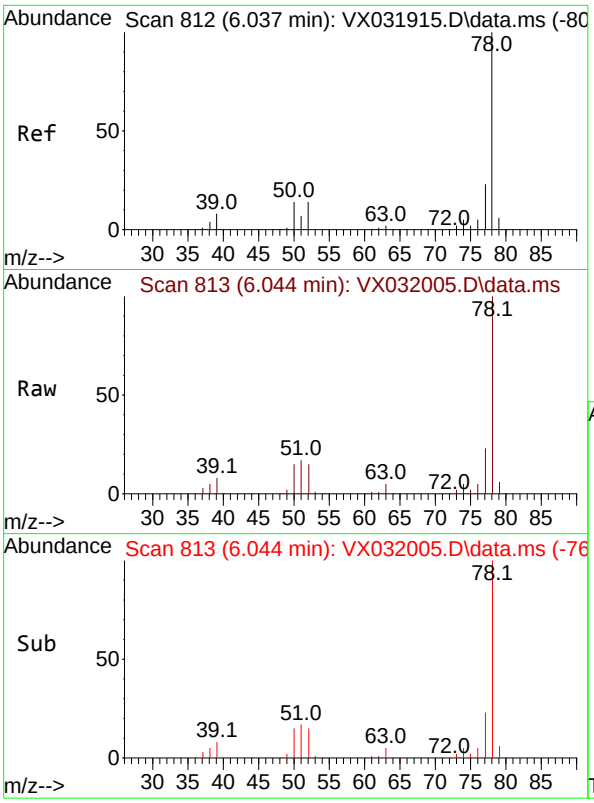


#39
Methylcyclohexane
Concen: 0.762 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 83 Resp: 1488

Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.0	91.4
98	42.0	37.7	56.5



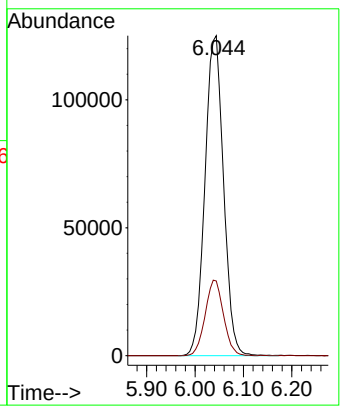


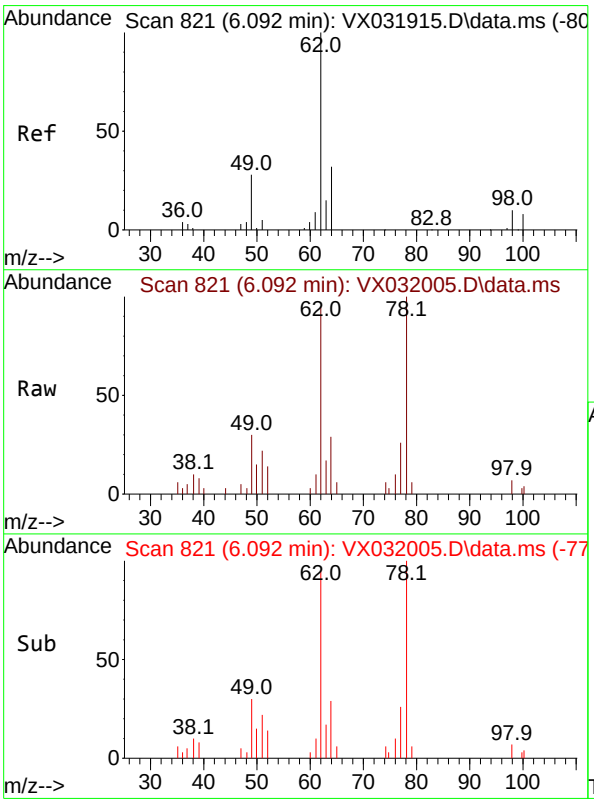
#40
Benzene
Concen: 69.450 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.007 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 78 Resp: 332962

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1

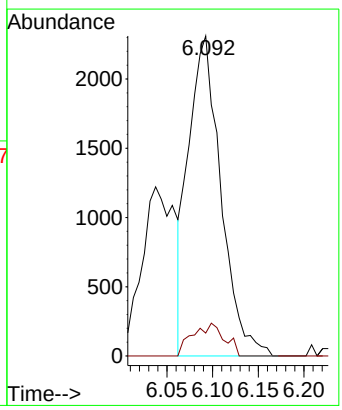


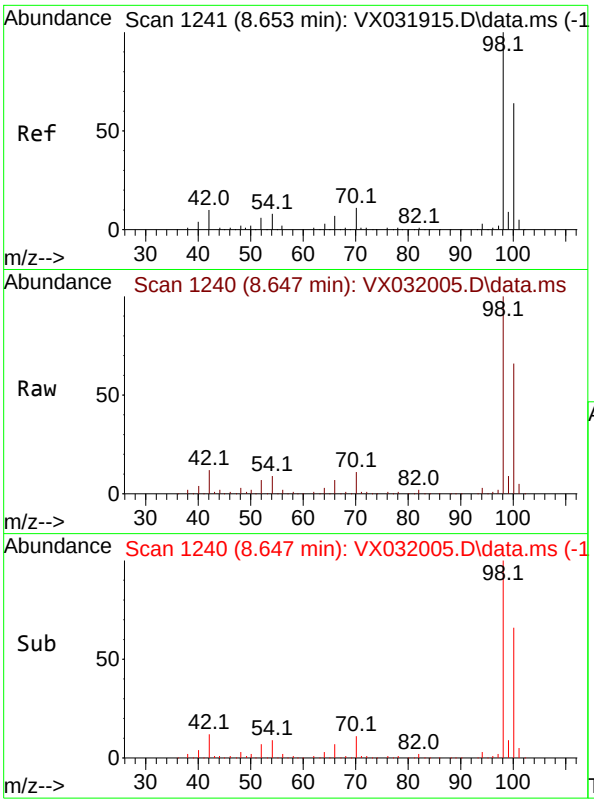


#42
1,2-Dichloroethane
Concen: 3.265 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 62 Resp: 5704

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	17.8



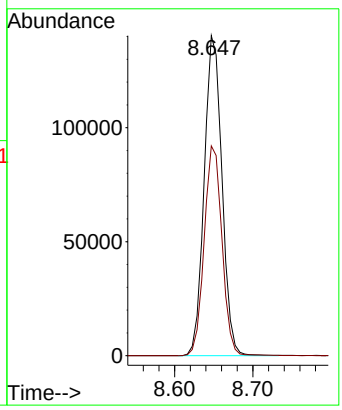


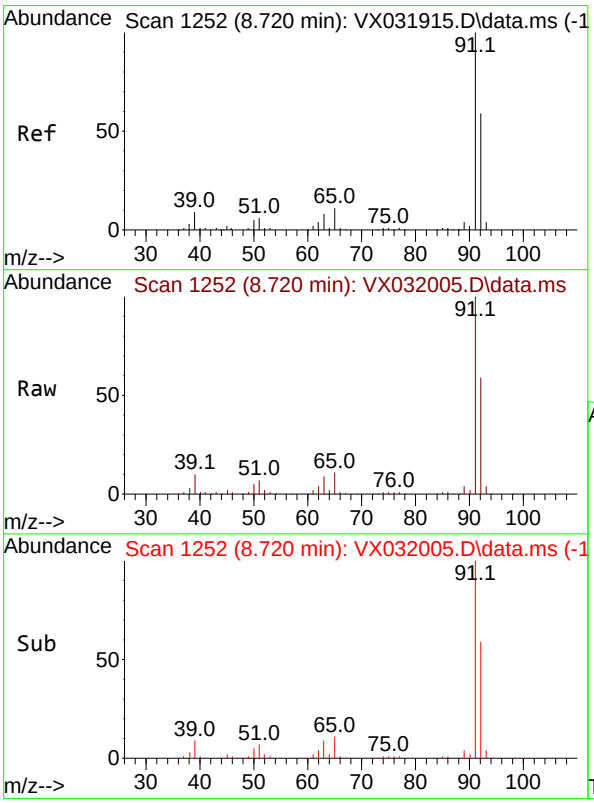
#50
Toluene-d8
Concen: 49.685 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 98 Resp: 220744

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

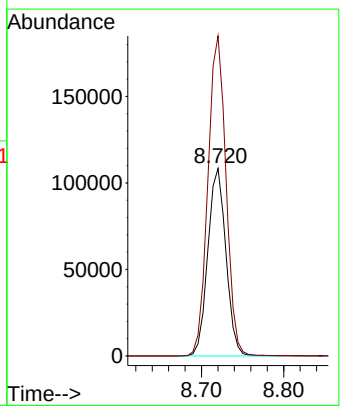


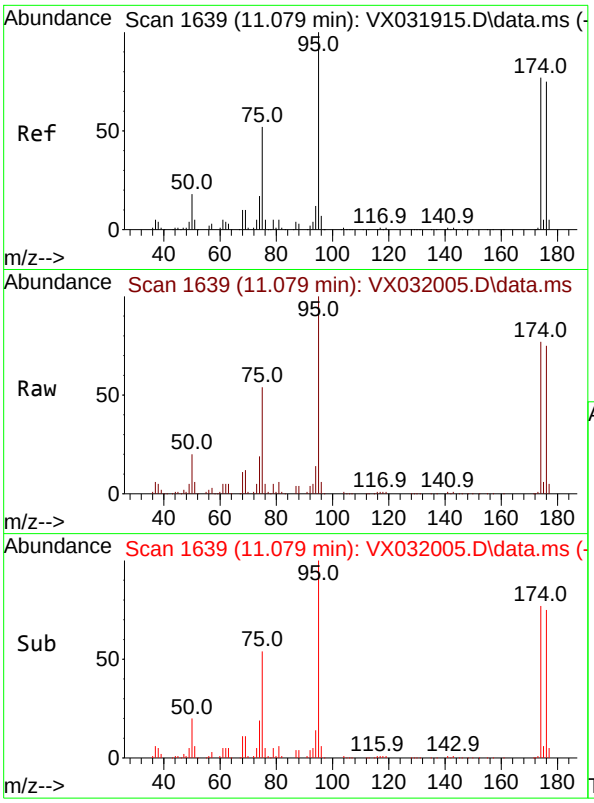


#52
Toluene
Concen: 52.934 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 92 Resp: 165929

Ion	Ratio	Lower	Upper
92	100		
91	170.7	137.1	205.7



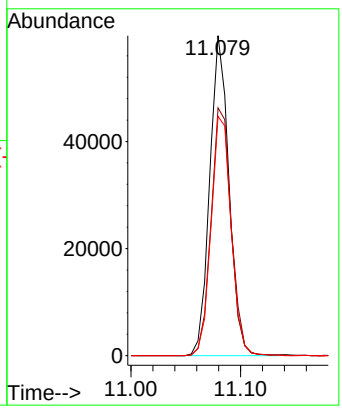


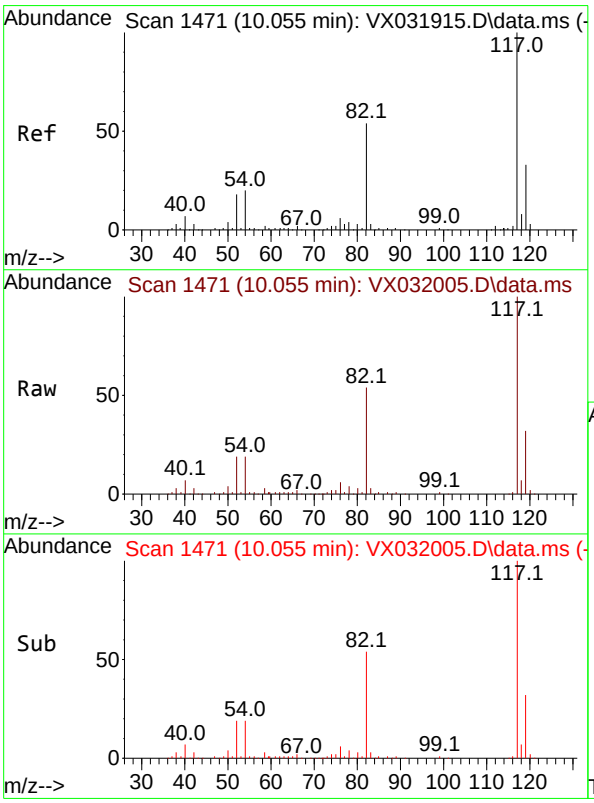
#62
4-Bromofluorobenzene
Concen: 46.354 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 95 Resp: 72807

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	153.2
176	77.9	0.0	144.0

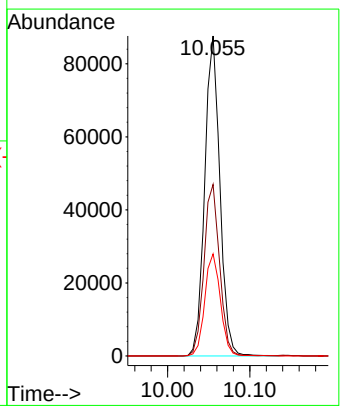


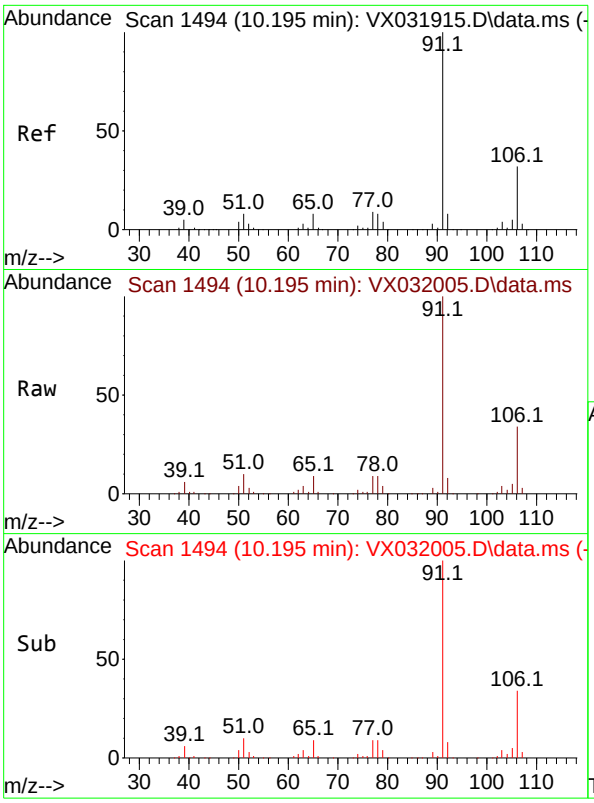


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:117 Resp: 112129

Ion	Ratio	Lower	Upper
117	100		
82	53.6	46.8	70.2
119	31.9	26.4	39.6



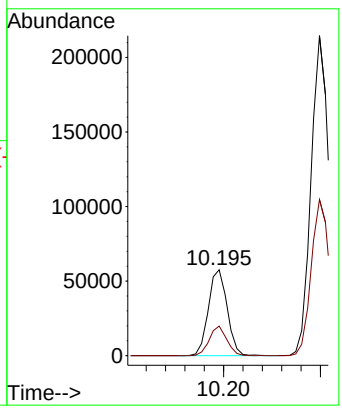


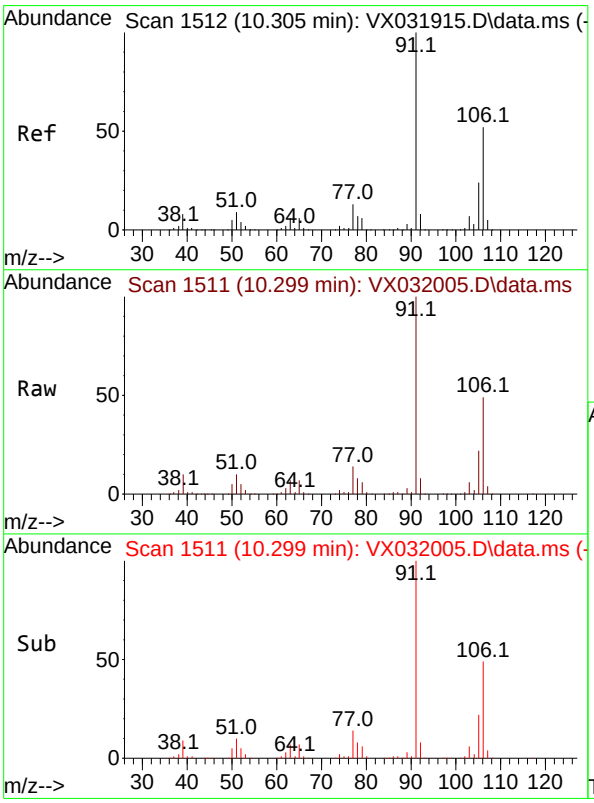
#67
Ethyl Benzene
Concen: 13.551 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion: 91 Resp: 77886

Ion	Ratio	Lower	Upper
91	100		
106	34.5	25.2	37.8

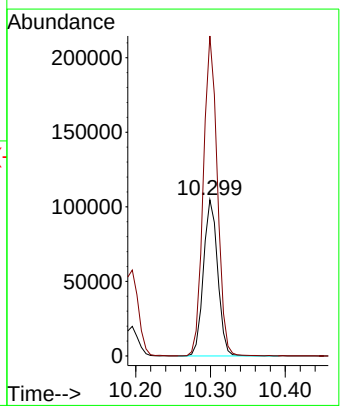


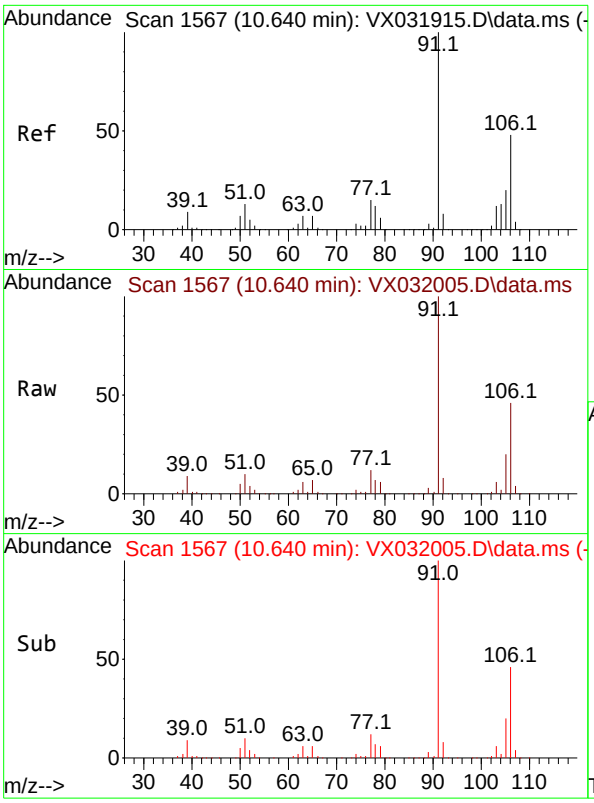


#68
m/p-Xylenes
Concen: 60.742 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:106 Resp: 138738

Ion	Ratio	Lower	Upper
106	100		
91	201.5	161.0	241.4



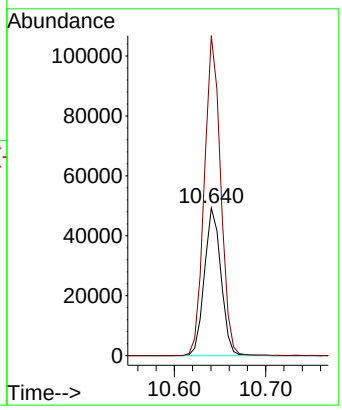


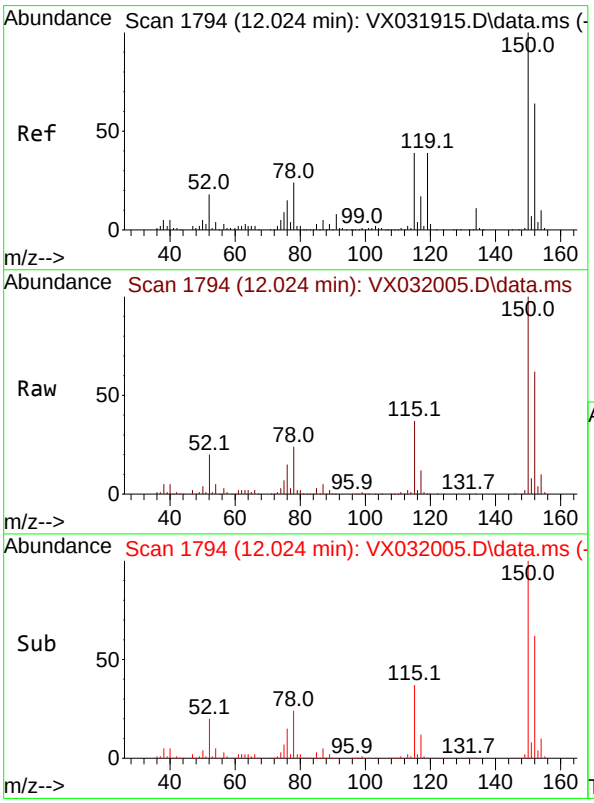
#69
o-Xylene
Concen: 27.888 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:106 Resp: 61913

Ion	Ratio	Lower	Upper
106	100		
91	213.7	107.2	321.6

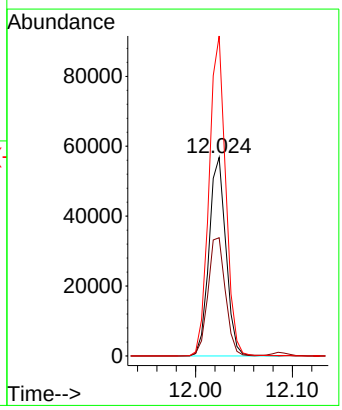


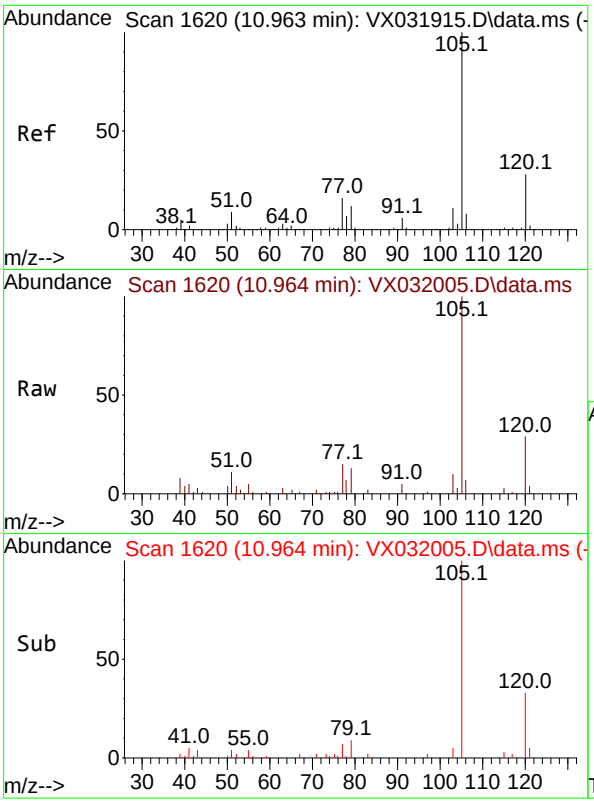


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:152 Resp: 68995

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.4	130.1
150	158.7	0.0	346.8



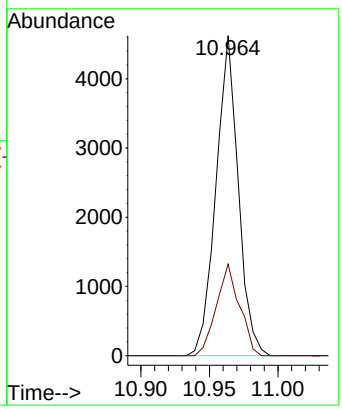


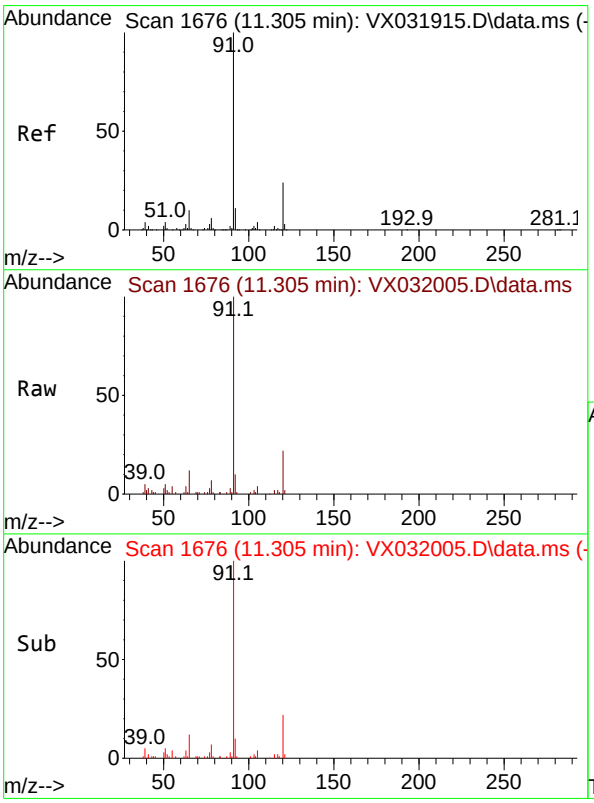
#73
Isopropylbenzene
Concen: 1.004 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:105 Resp: 5223

Ion	Ratio	Lower	Upper
105	100		
120	29.7	13.7	41.0

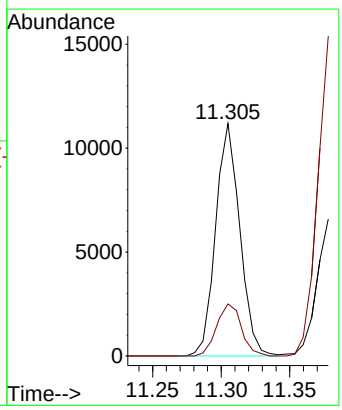


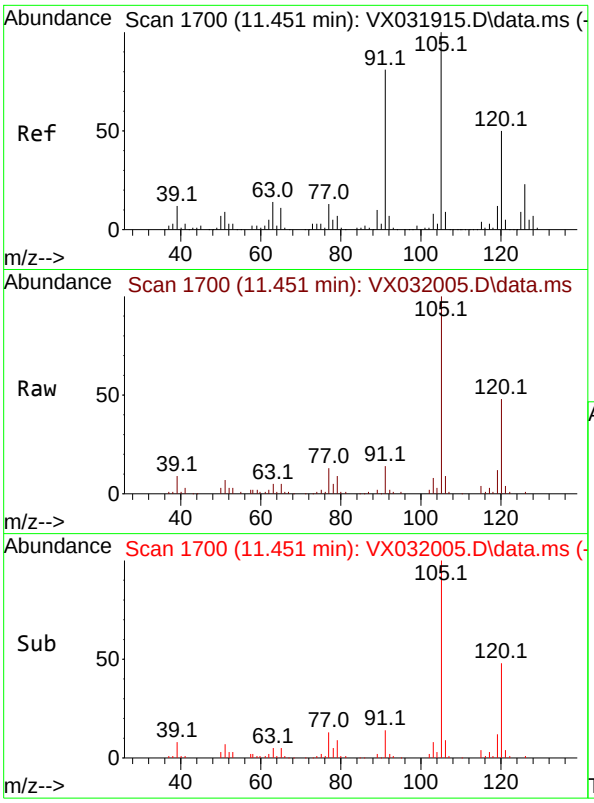


#78
n-propylbenzene
Concen: 2.315 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion: 91 Resp: 13700

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.8	35.4



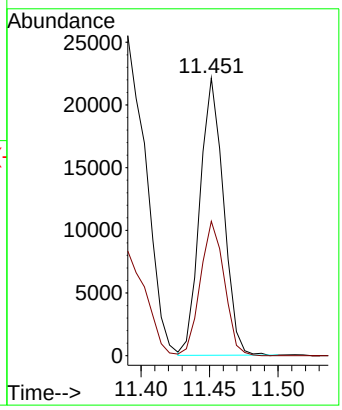


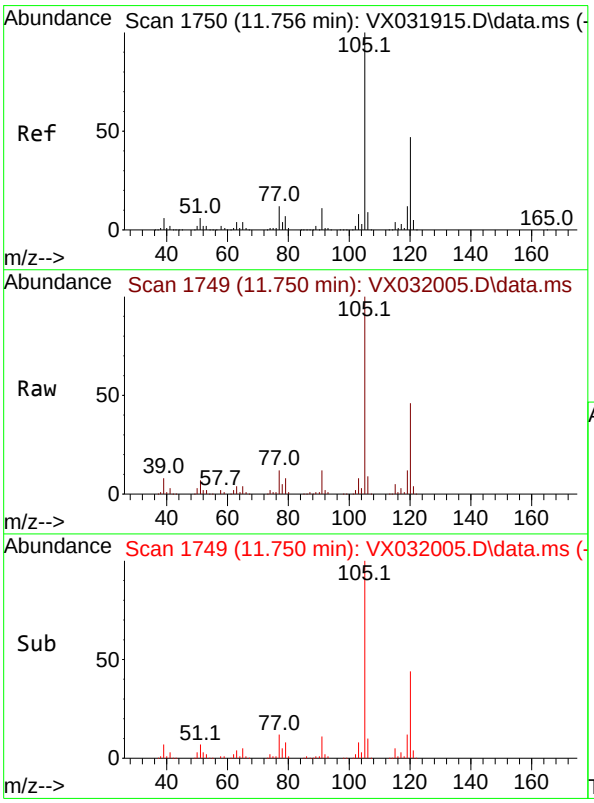
#80
1,3,5-Trimethylbenzene
Concen: 6.123 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:105 Resp: 26426

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.5	73.5

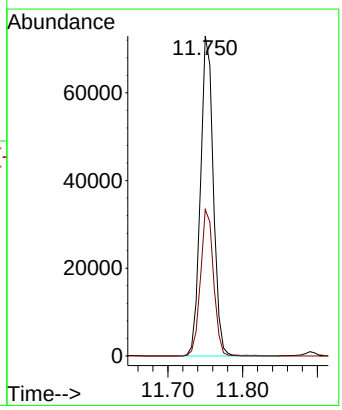


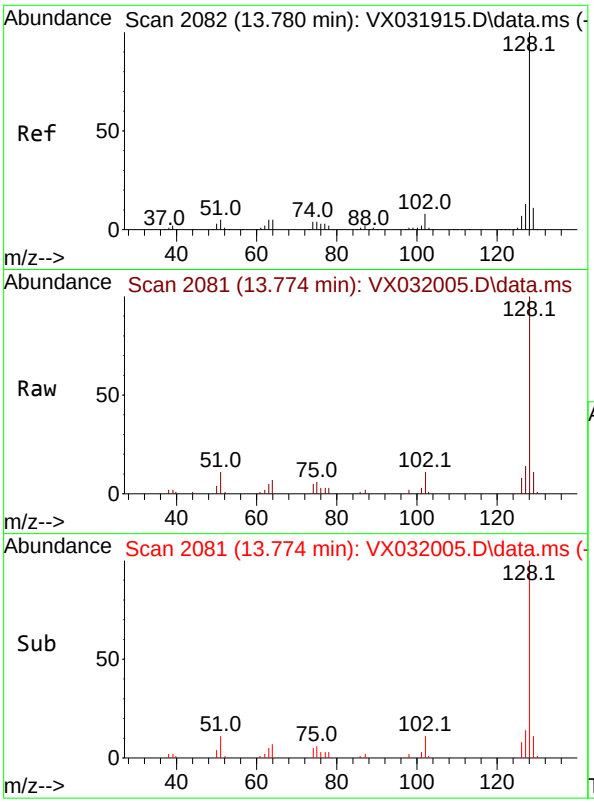


#84
1,2,4-Trimethylbenzene
Concen: 19.857 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Tgt Ion:105 Resp: 87059

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.6	67.8





#95
Naphthalene
Concen: 2.051 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX032005.D
Acq: 10 Oct 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-093022DL

Tgt Ion:128 Resp: 10353

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.9	8.8	13.2