Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038323.D
Acq On : 17 Oct 2023 12:45
Operator : JC/MD
Sample : 04846-01 10X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Quant Time: Oct 18 03:56:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	115972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83837	44.945	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.880%		
35) Dibromofluoromethane	5.385	113	66759	44.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.520%		
50) Toluene-d8	8.647	98	265454	46.056	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.120%		
62) 4-Bromofluorobenzene	11.079	95	109217	49.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.960%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.379	83	8825	3.622	ug/l	94
73) Isopropylbenzene	10.963	105	9650	1.187	ug/l	97
78) n-propylbenzene	11.305	91	30320	3.049	ug/l	97
85) sec-Butylbenzene	11.890	105	38277	4.310	ug/l	82
89) n-Butylbenzene	12.329	91	62044	8.503	ug/l	83

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

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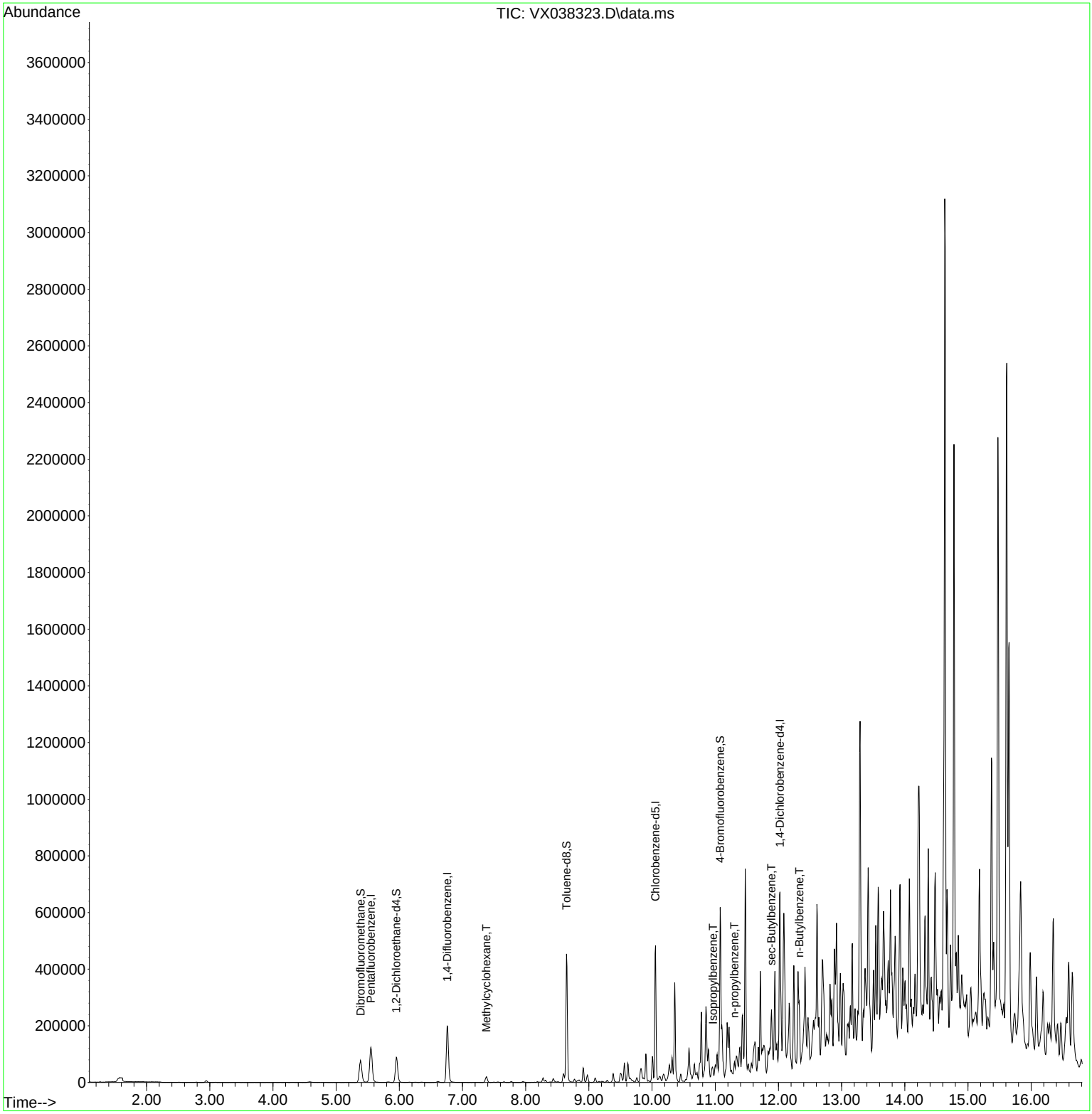
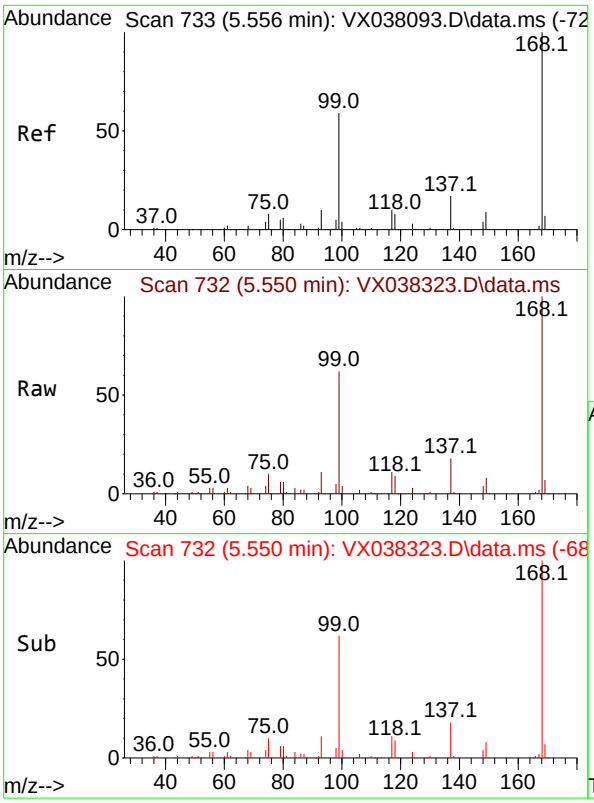


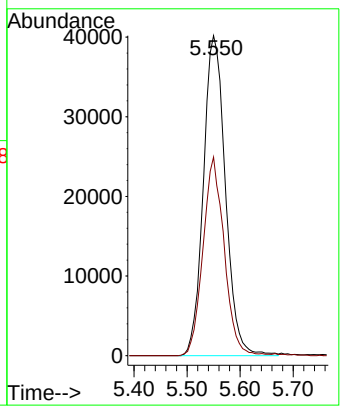


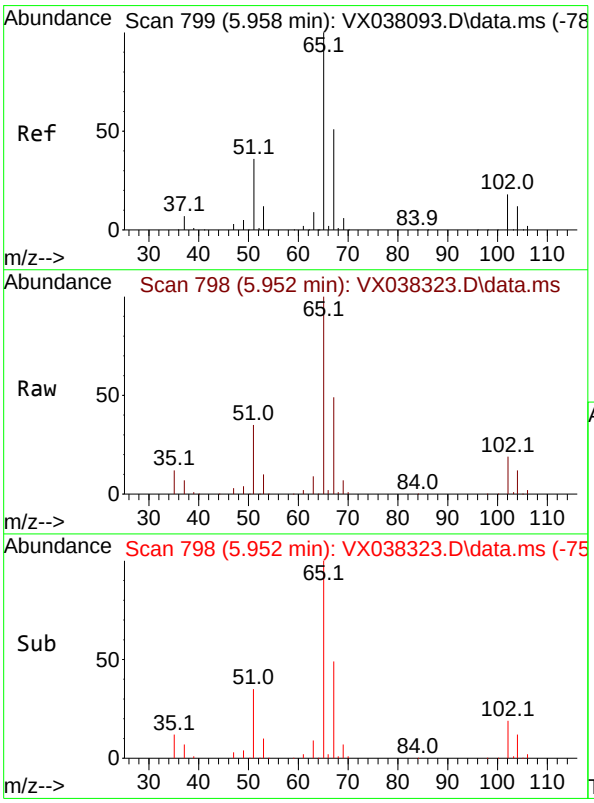
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion:168 Resp: 115972

Ion	Ratio	Lower	Upper
168	100		
99	62.1	56.6	85.0

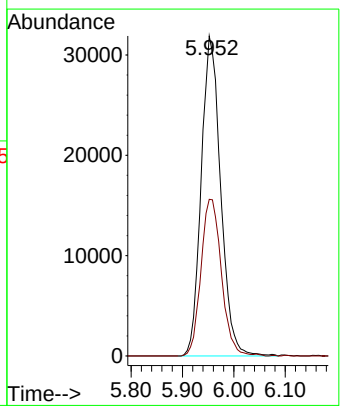


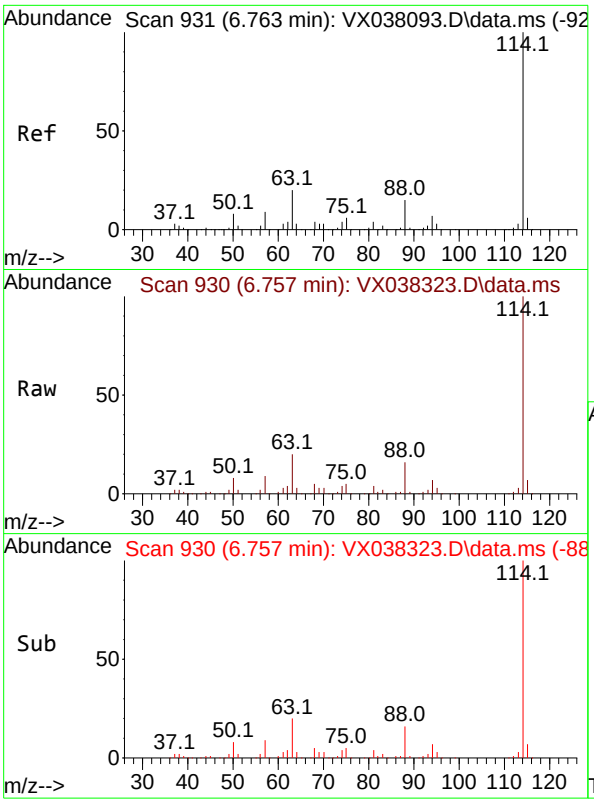


#33
1,2-Dichloroethane-d4
Concen: 44.945 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion: 65 Resp: 83837

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2



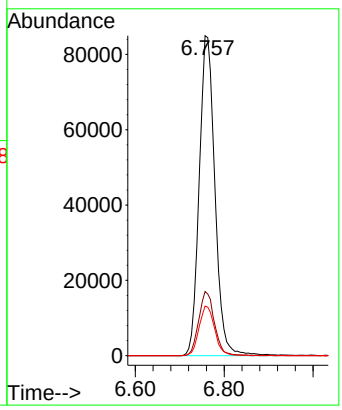


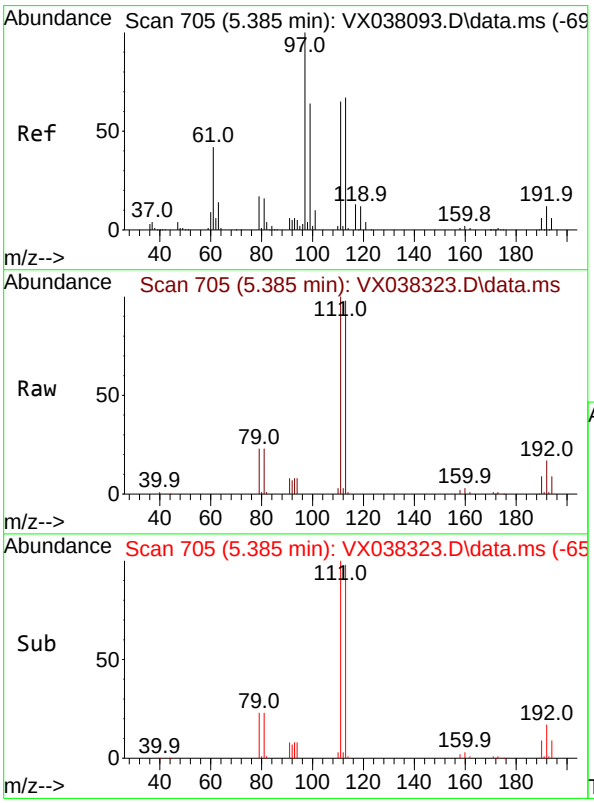
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion:114 Resp: 209329

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.0
88	15.5	0.0	36.6

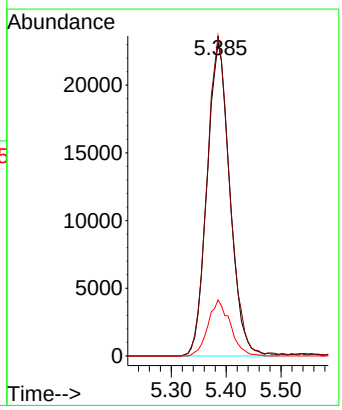


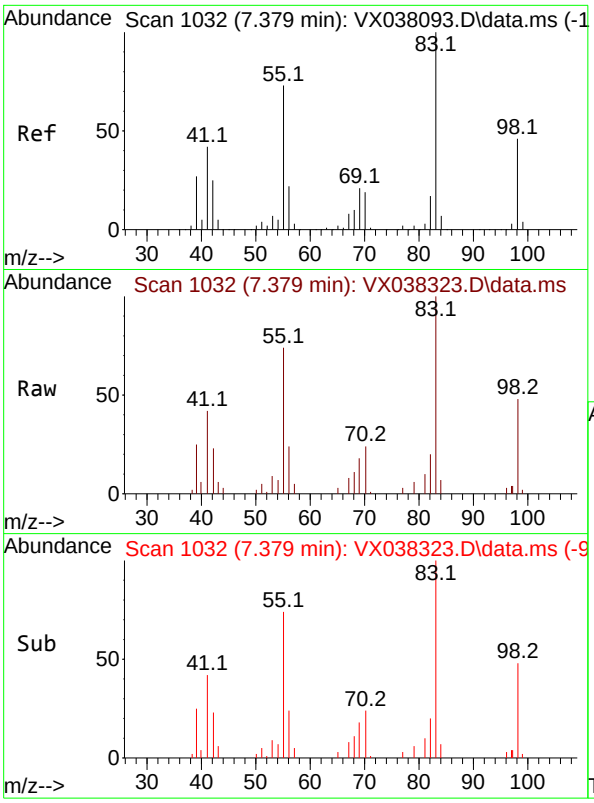


#35
Dibromofluoromethane
Concen: 44.260 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion:113 Resp: 66759

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	17.5	13.3	19.9



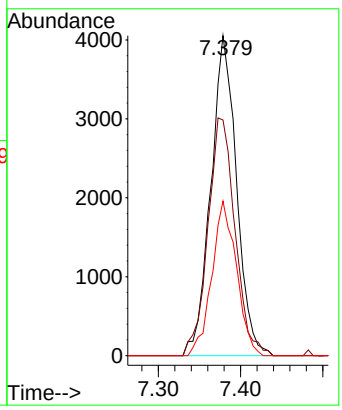


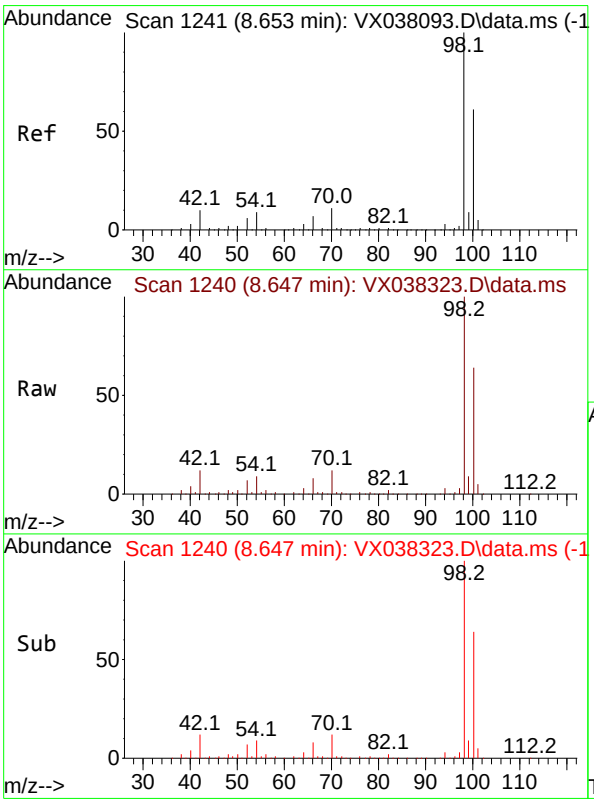
#39
Methylcyclohexane
Concen: 3.622 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion: 83 Resp: 8825

Ion	Ratio	Lower	Upper
83	100		
55	73.6	64.6	97.0
98	48.3	36.7	55.1

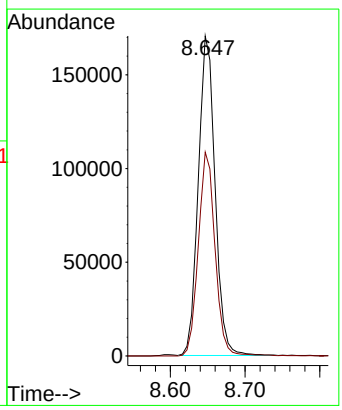


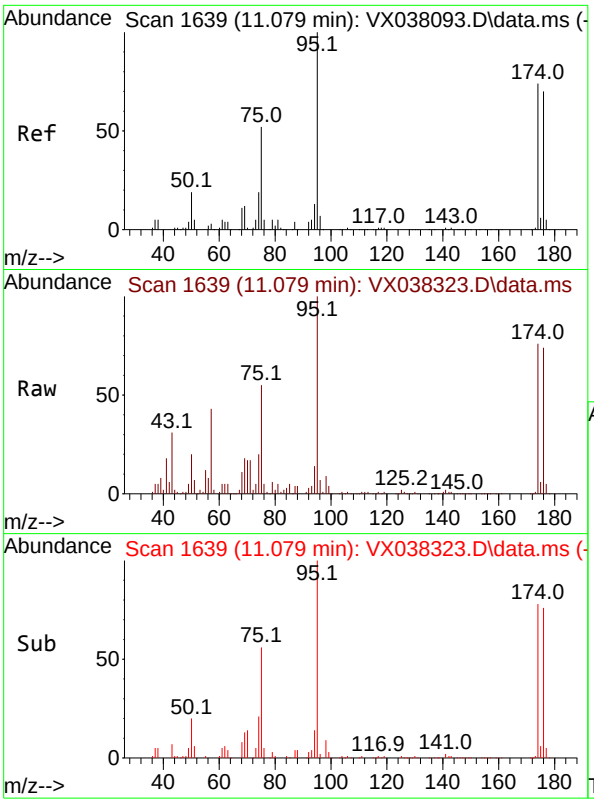


#50
Toluene-d8
Concen: 46.056 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion: 98 Resp: 265454

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7



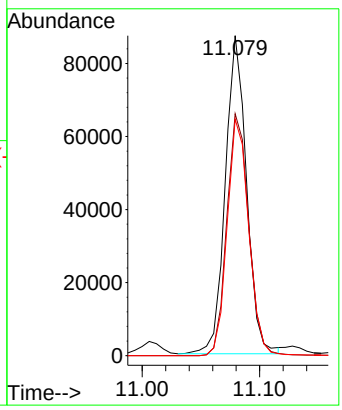


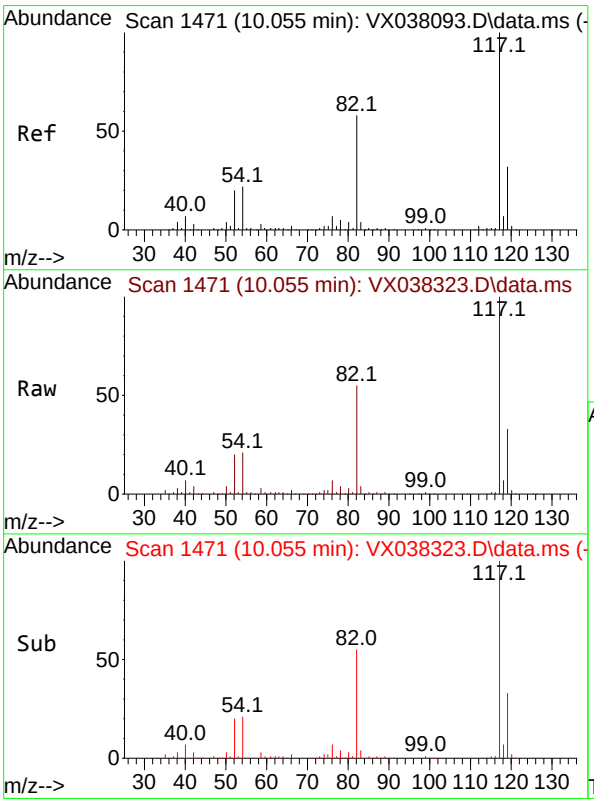
#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion: 95 Resp: 109217

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	135.6
176	75.5	0.0	131.0

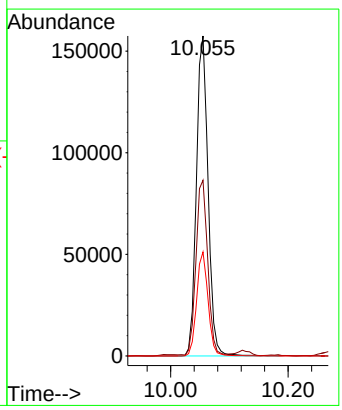


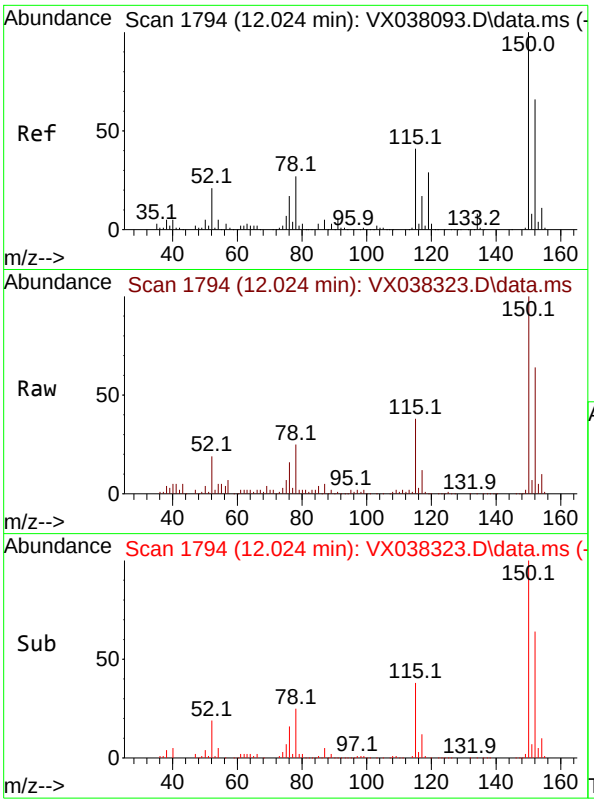


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion:117 Resp: 217103

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.2	69.4
119	32.5	25.5	38.3



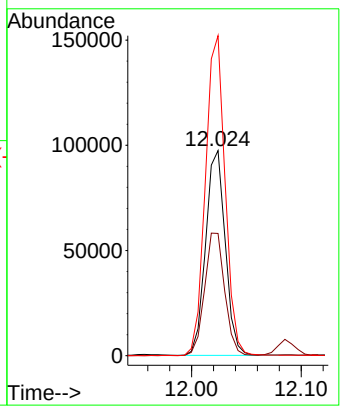


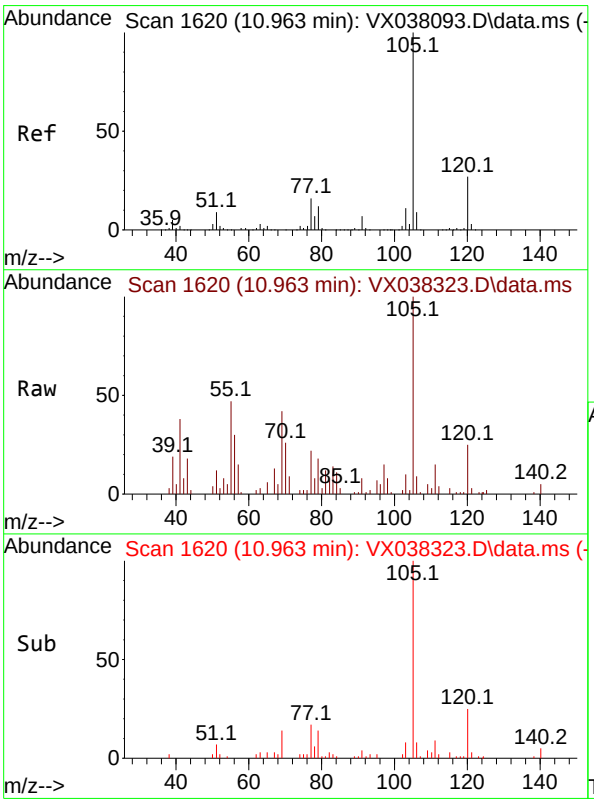
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion:152 Resp: 121260

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.3	129.9
150	156.3	0.0	345.0

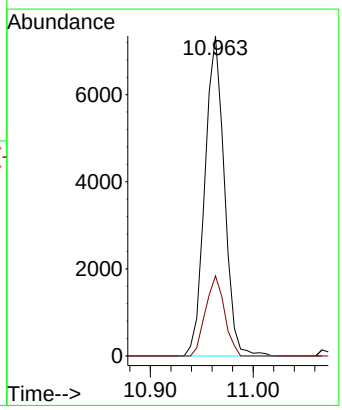


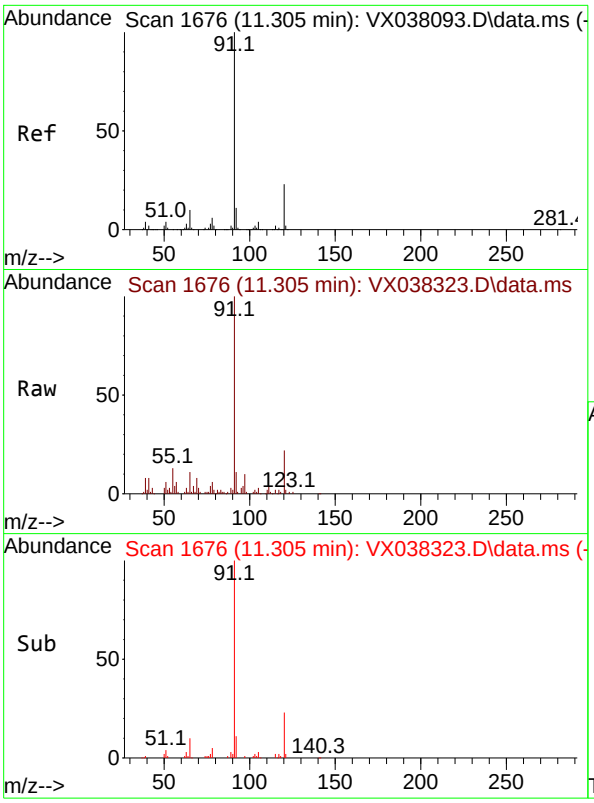


#73
Isopropylbenzene
Concen: 1.187 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion:105 Resp: 9650

Ion	Ratio	Lower	Upper
105	100		
120	24.3	12.9	38.6



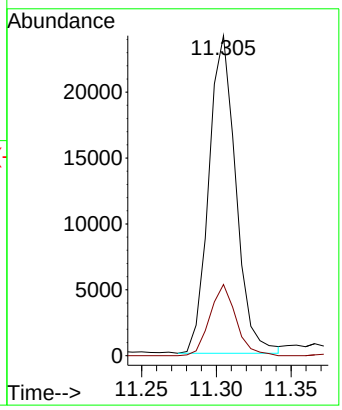


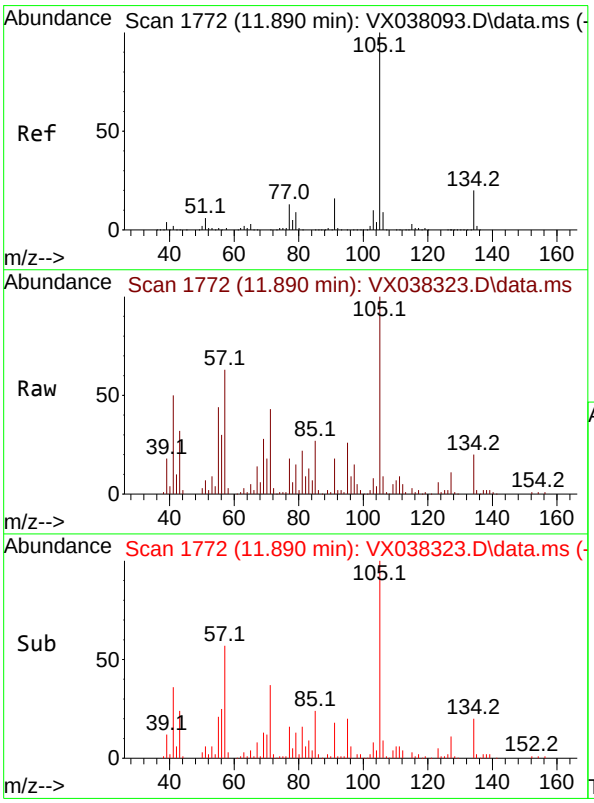
#78
n-propylbenzene
Concen: 3.049 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion: 91 Resp: 30320

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.5	34.4

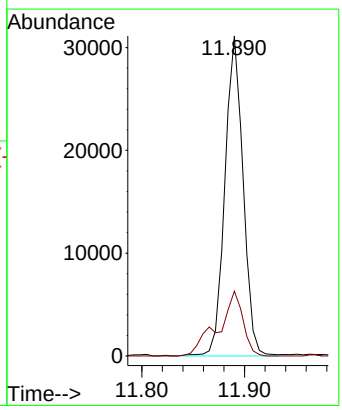


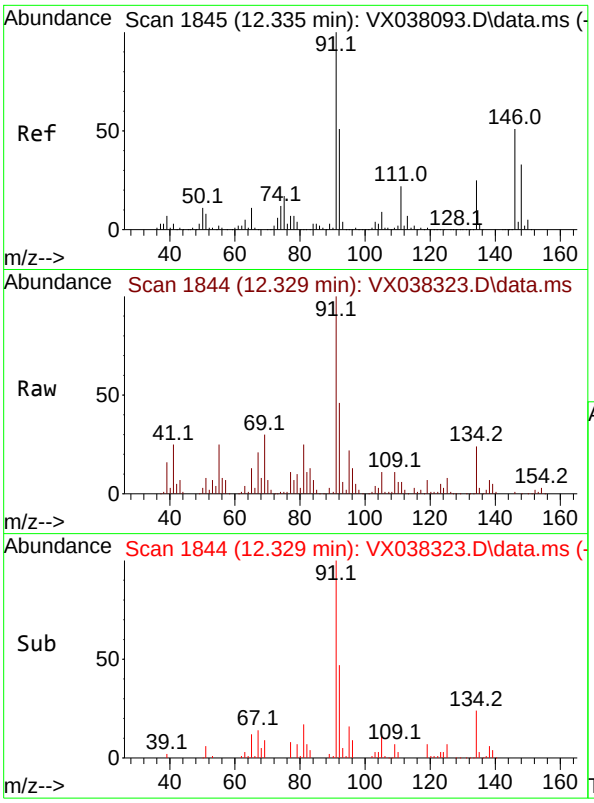


#85
sec-Butylbenzene
Concen: 4.310 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Tgt Ion:105 Resp: 38277

Ion	Ratio	Lower	Upper
105	100		
134	27.6	9.8	29.4





#89
n-Butylbenzene
Concen: 8.503 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX038323.D
Acq: 17 Oct 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :
WASTE

Tgt Ion: 91 Resp: 62044

Ion	Ratio	Lower	Upper
91	100		
92	43.9	27.4	82.0
134	36.3	12.6	37.8