Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030306.D
Acq On : 29 Jul 2022 16:32
Operator : JC/MD
Sample : N3861-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Quant Time: Aug 01 05:15:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	138383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153766	55.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.560%			
35) Dibromofluoromethane	5.391	113	121200	51.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.653	98	457482	50.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.085	95	161658	48.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.360%			
Target Compounds						Qvalue
16) Acetone	2.380	43	9303	6.533	ug/l	95
31) Cyclohexane	5.483	56	20972	5.193	ug/l #	86
39) Methylcyclohexane	7.391	83	7912	1.824	ug/l	92
40) Benzene	6.050	78	24984	2.363	ug/l	97
78) n-propylbenzene	11.311	91	3124	0.242	ug/l	100

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

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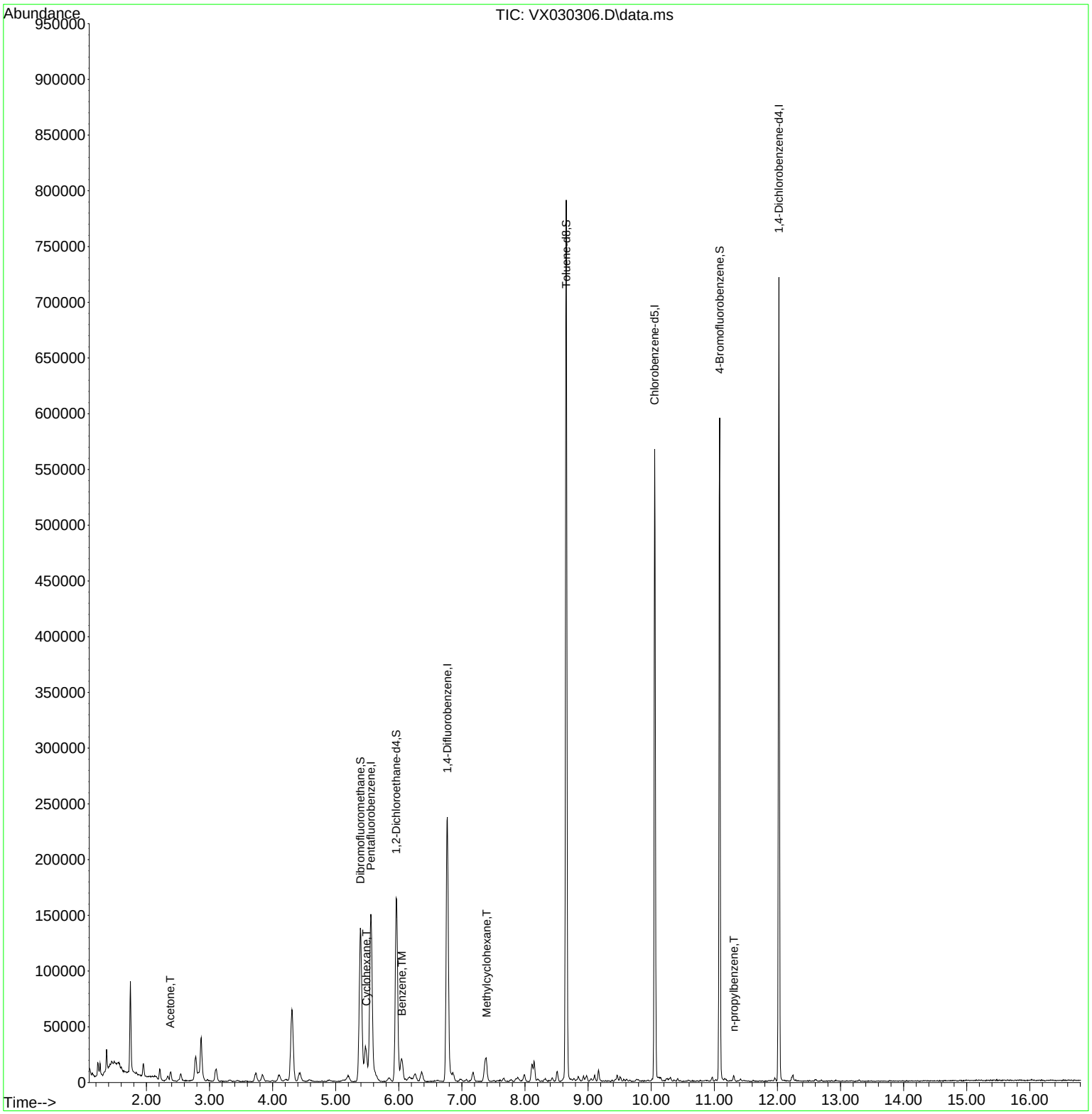
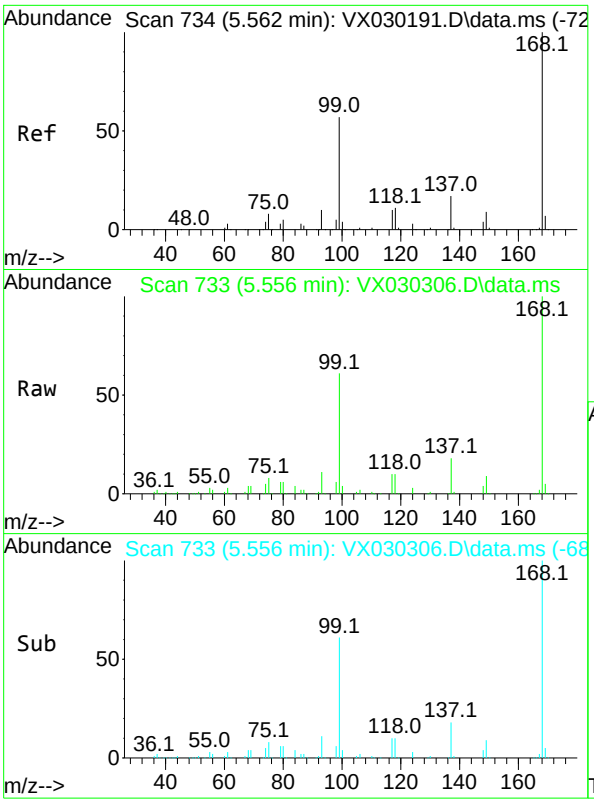


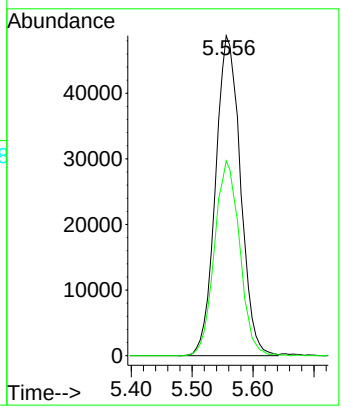


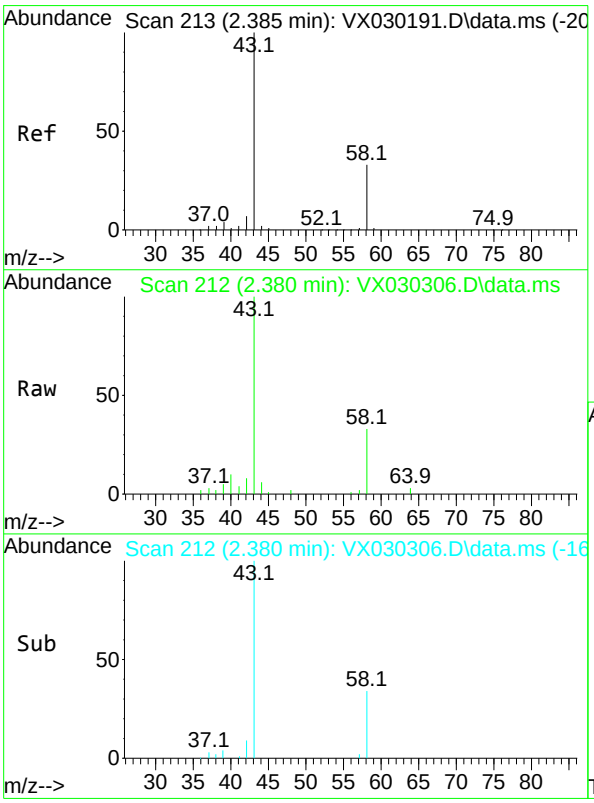
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion:168 Resp: 138383

Ion	Ratio	Lower	Upper
168	100		
99	60.9	44.0	66.0

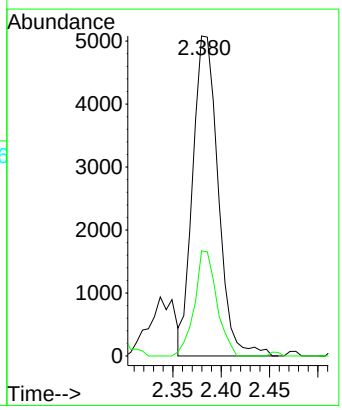


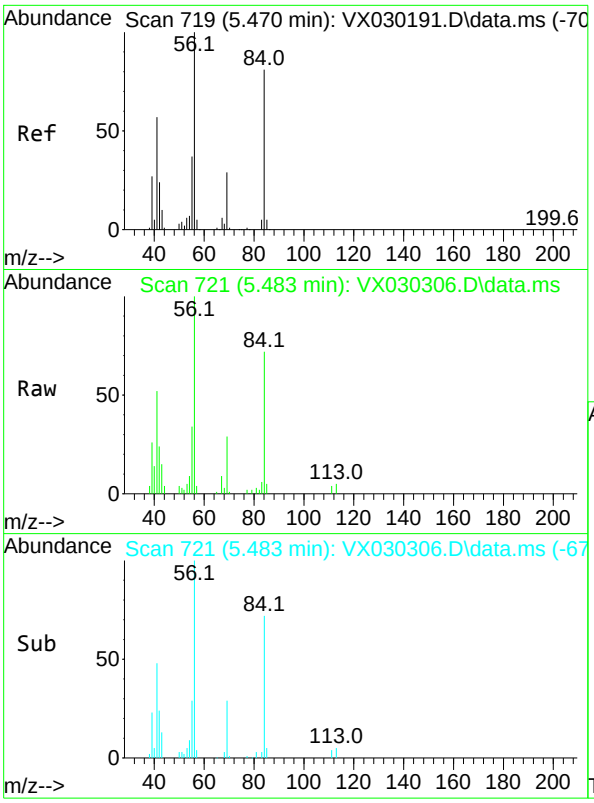


#16
Acetone
Concen: 6.533 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion: 43 Resp: 9303

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.7	41.5



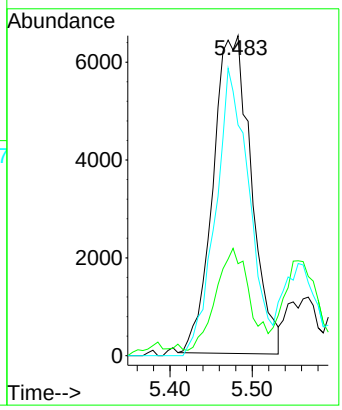


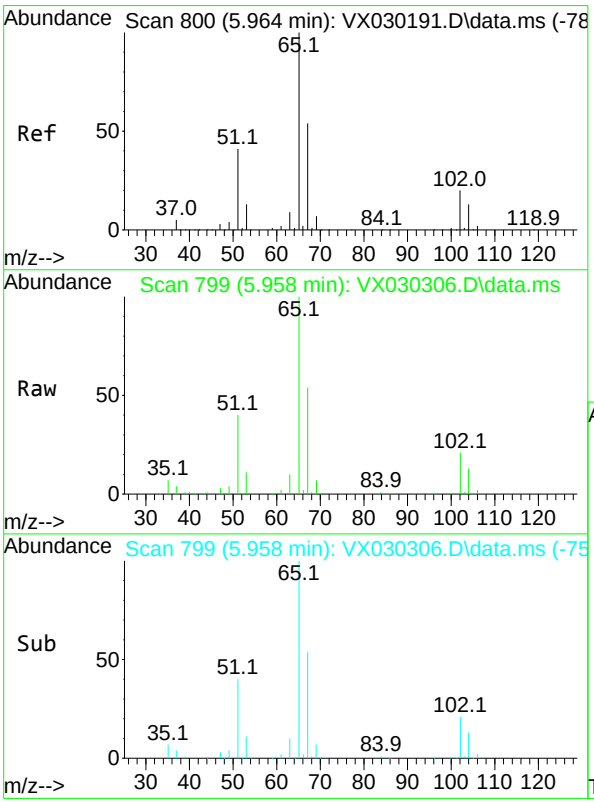
#31
Cyclohexane
Concen: 5.193 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.013 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 56 Resp: 20972

Ion	Ratio	Lower	Upper
56	100		
69	25.4	25.4	38.0#
84	72.8	68.9	103.3

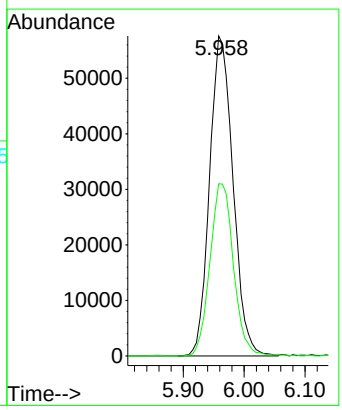


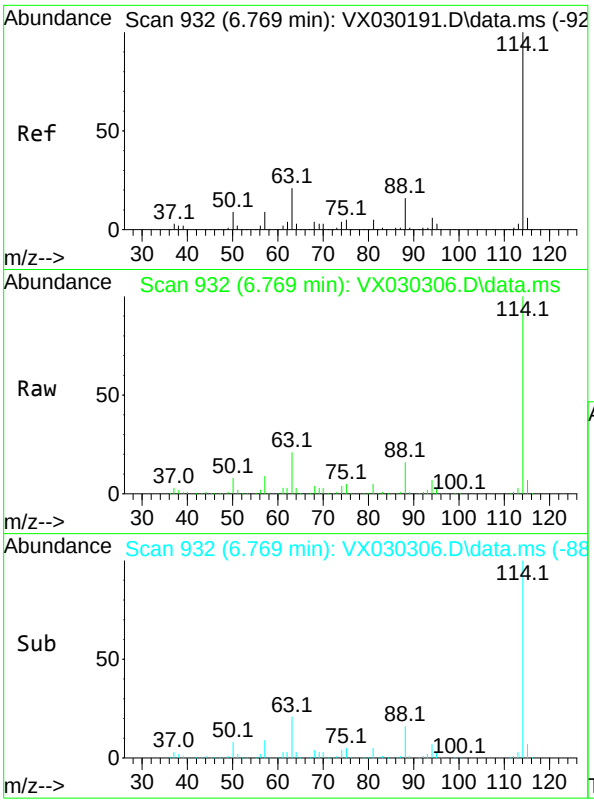


#33
1,2-Dichloroethane-d4
Concen: 55.283 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion: 65 Resp: 153766

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.6



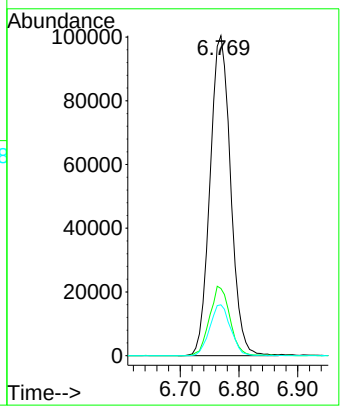


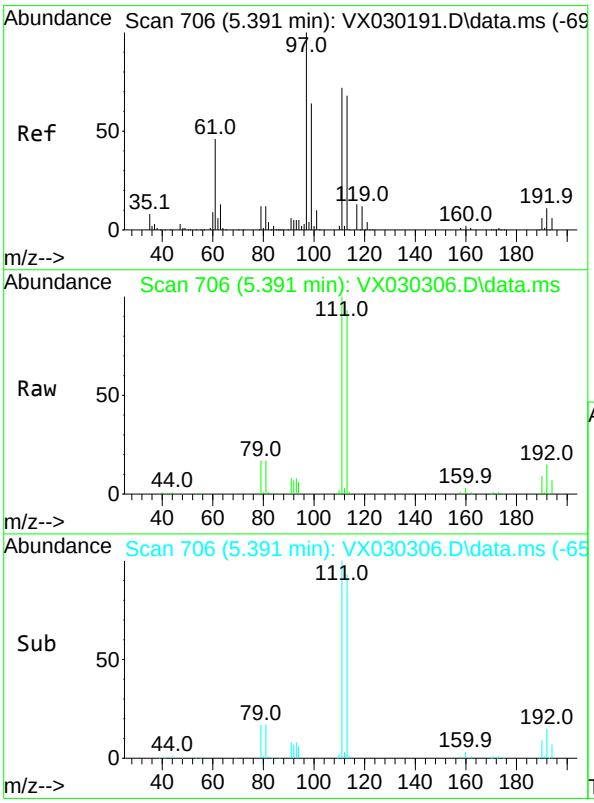
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion:114 Resp: 244235

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	38.4
88	15.9	0.0	31.8

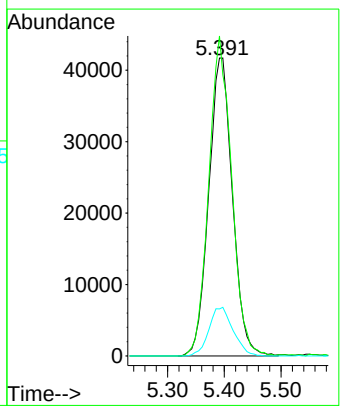


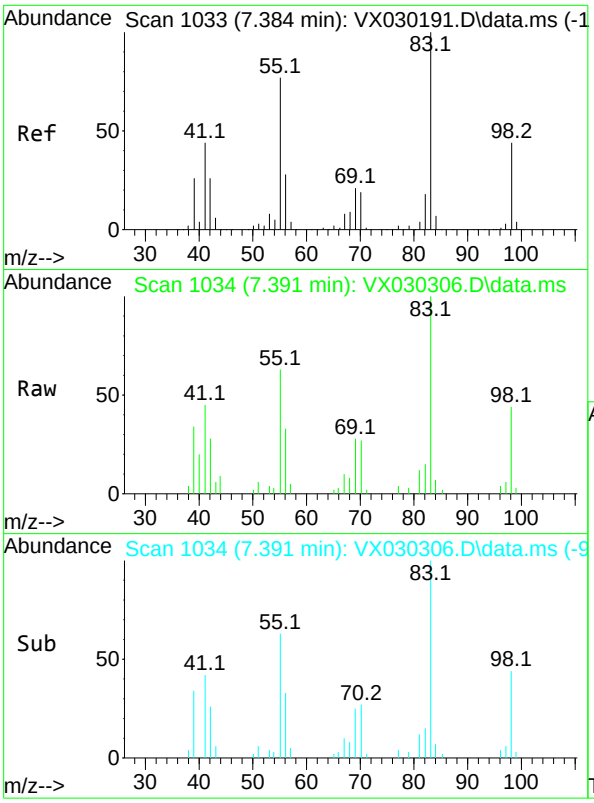


#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion:113 Resp: 121200

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	16.7	14.8	22.2



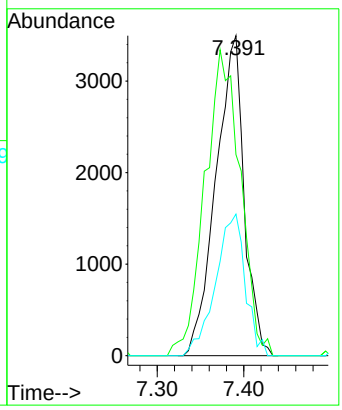


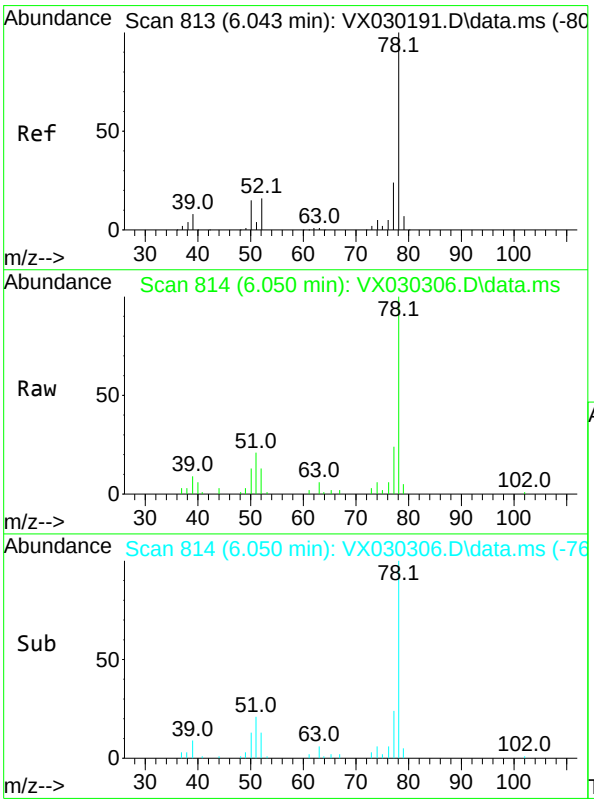
#39
Methylcyclohexane
Concen: 1.824 ug/l
RT: 7.391 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 83 Resp: 7912

Ion	Ratio	Lower	Upper
83	100		
55	62.9	57.7	86.5
98	44.3	36.5	54.7

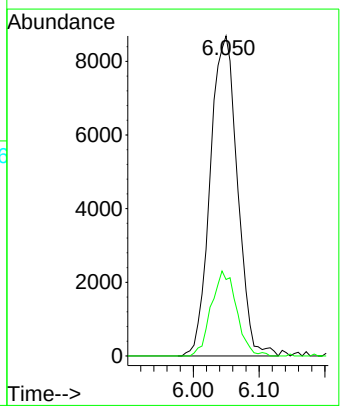


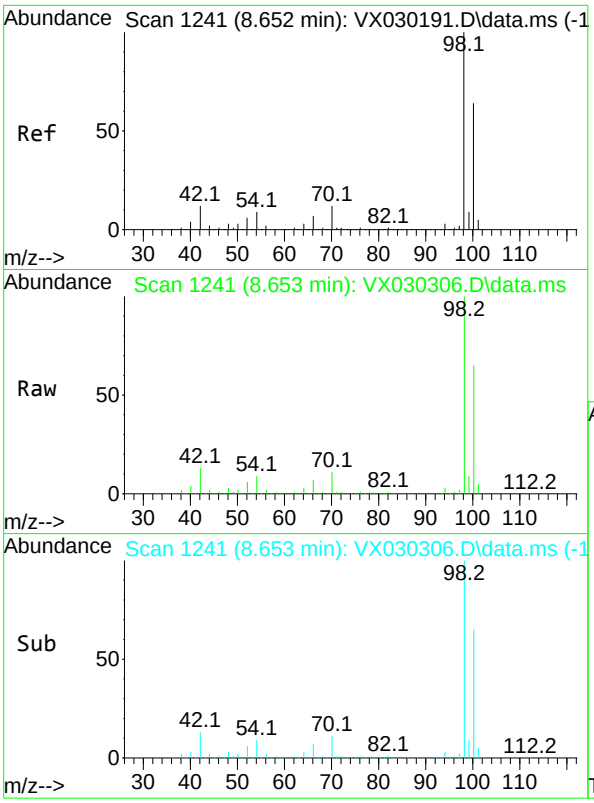


#40
Benzene
Concen: 2.363 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.007 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion: 78 Resp: 24984

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.0	27.0



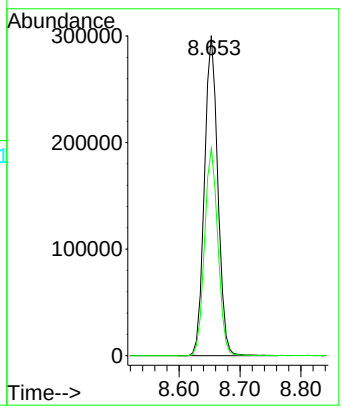


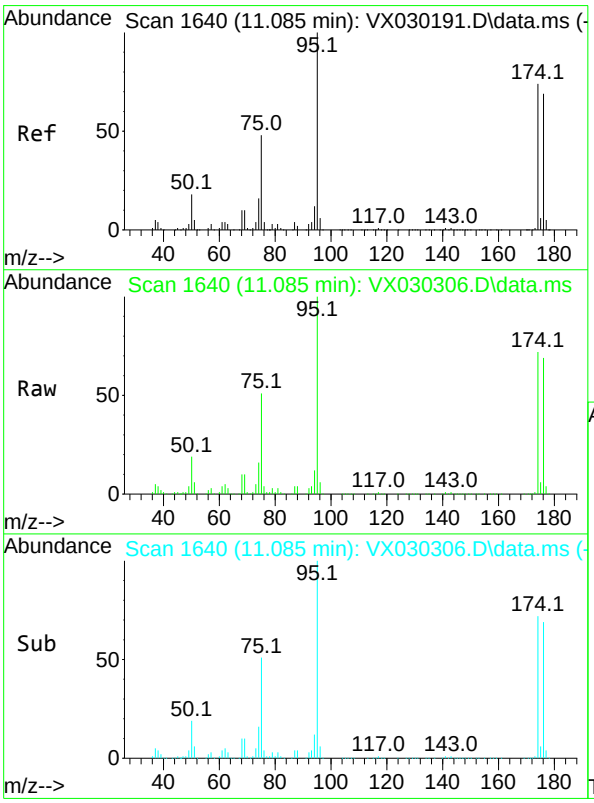
#50
Toluene-d8
Concen: 50.597 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 98 Resp: 457482

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5

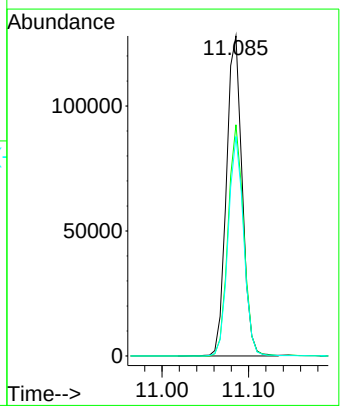


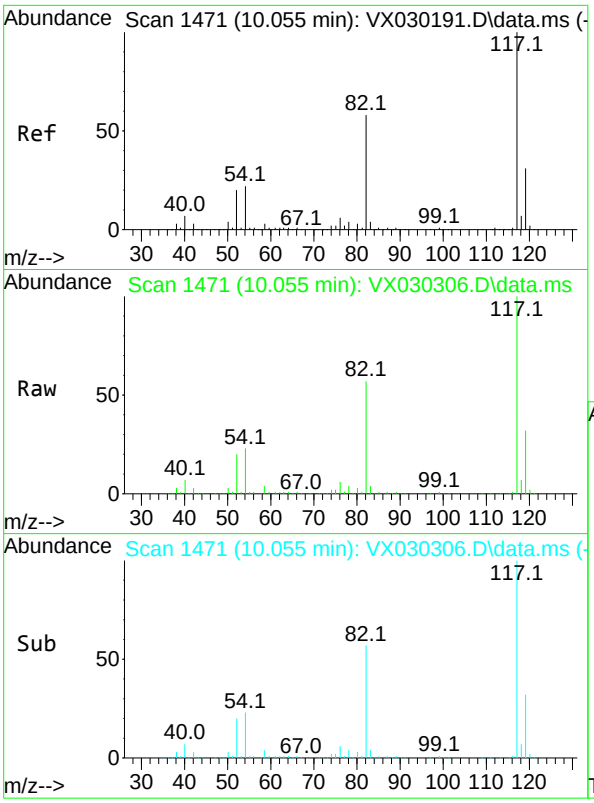


#62
4-Bromofluorobenzene
Concen: 48.175 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion: 95 Resp: 161658

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	149.0
176	67.3	0.0	146.0



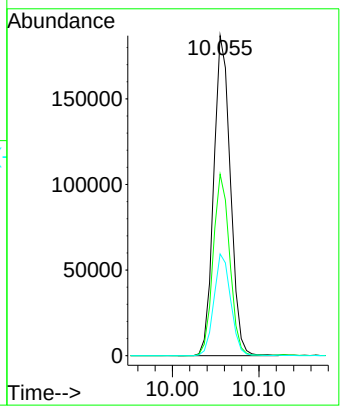


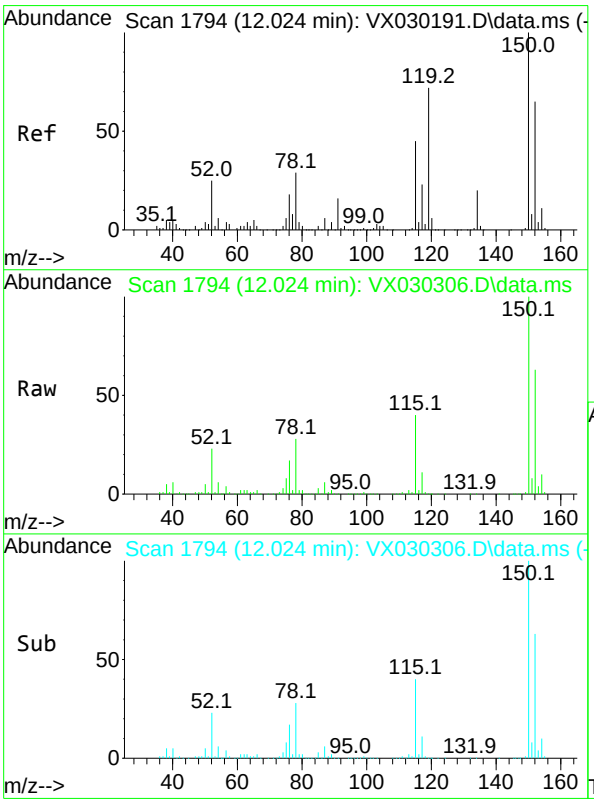
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion:117 Resp: 249632

Ion	Ratio	Lower	Upper
117	100		
82	56.7	42.7	64.1
119	31.8	25.4	38.2

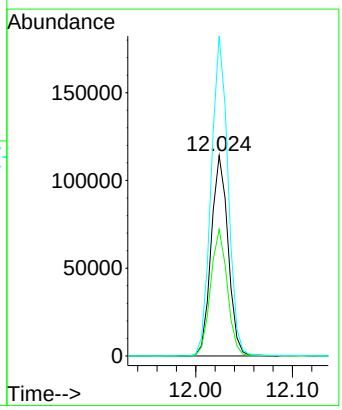


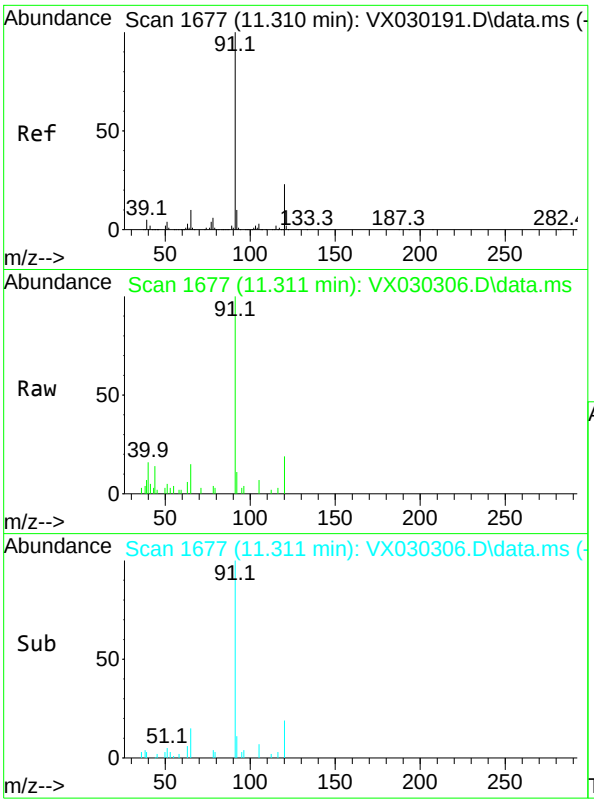


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Tgt Ion:152 Resp: 138346

Ion	Ratio	Lower	Upper
152	100		
115	62.6	40.5	121.5
150	159.0	0.0	347.0





#78
n-propylbenzene
Concen: 0.242 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030306.D
Acq: 29 Jul 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 91 Resp: 3124

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.8