Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
Data File : VX025854.D
Acq On : 16 Dec 2021 14:44
Operator : JC/MD
Sample : M5084-02RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Quant Time: Dec 16 15:11:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	155614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98141	43.832	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.660%		
35) Dibromofluoromethane	5.391	113	82909	45.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	8.653	98	302329	45.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.260%#		
62) 4-Bromofluorobenzene	11.085	95	111403	44.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.520%		
Target Compounds						Qvalue
73) Isopropylbenzene	10.964	105	28564	3.410	ug/l	100
78) n-propylbenzene	11.305	91	16897	1.783	ug/l	99
83) tert-Butylbenzene	11.713	119	4104	0.603	ug/l	85
85) sec-Butylbenzene	11.890	105	29389	3.591	ug/l	86
89) n-Butylbenzene	12.335	91	9610	1.676	ug/l	96

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

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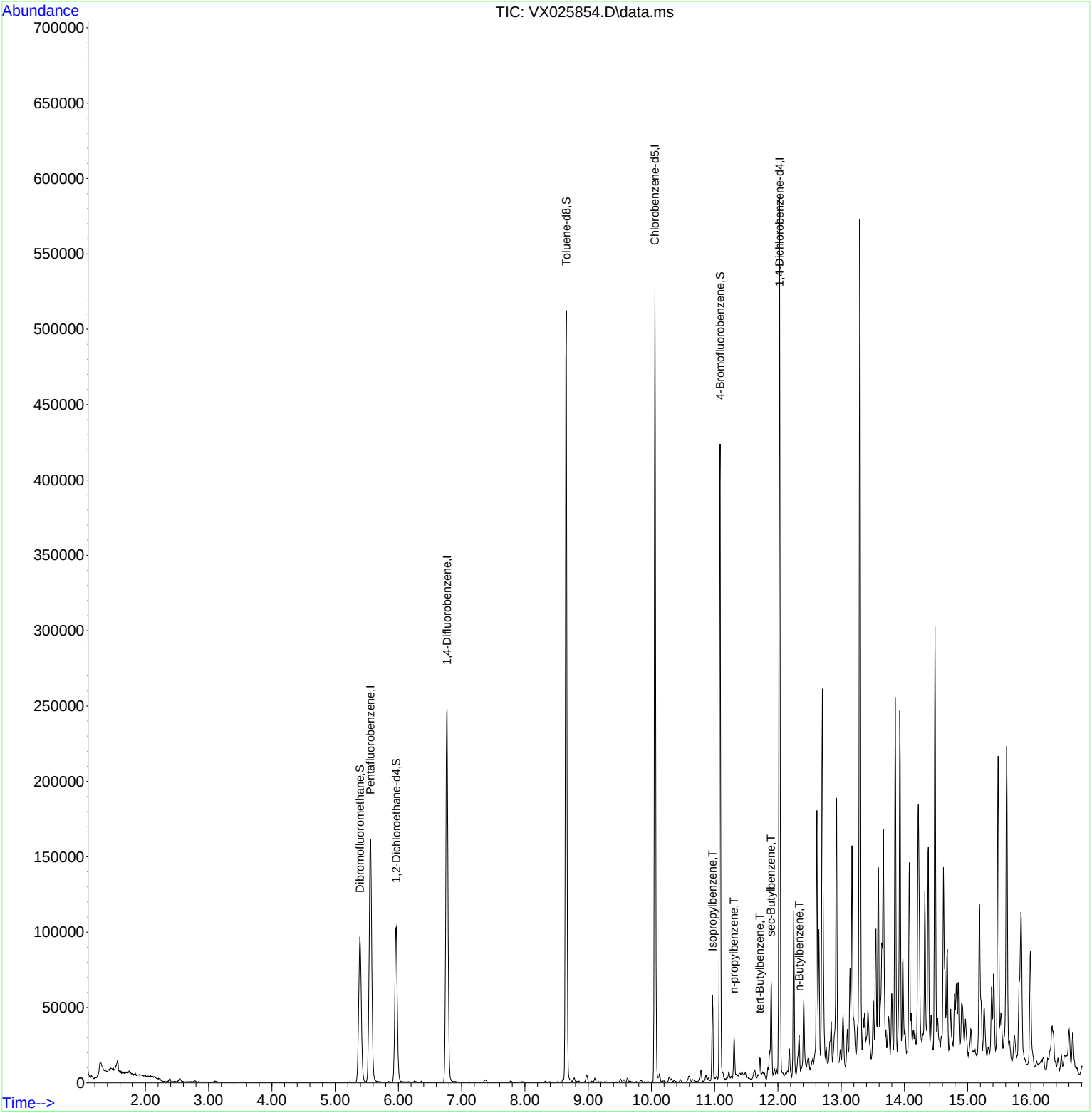
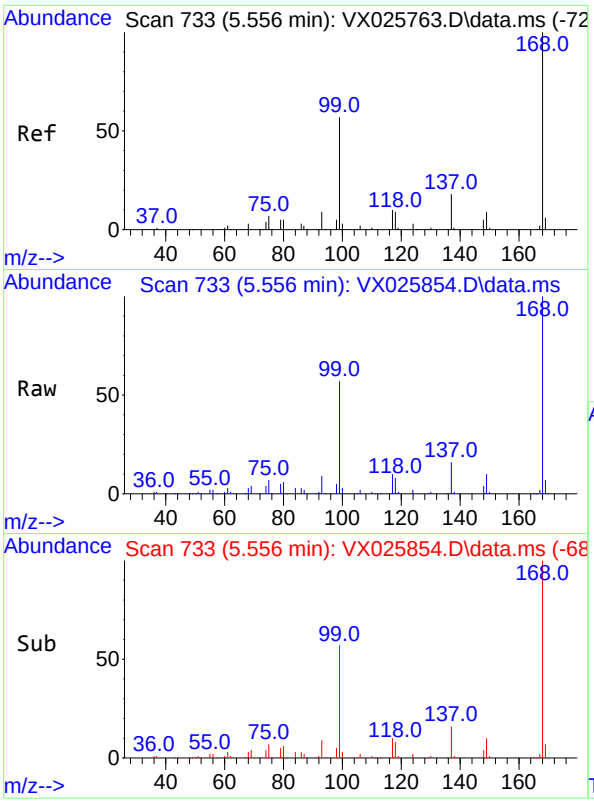


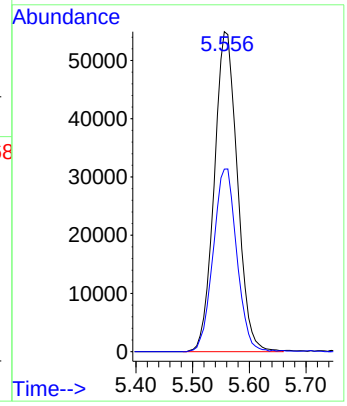


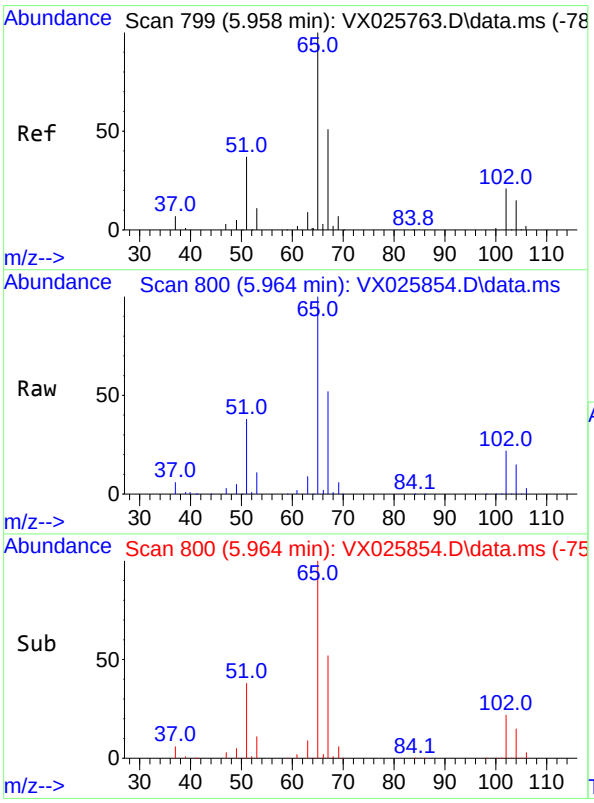
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion:168 Resp: 155614

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.8

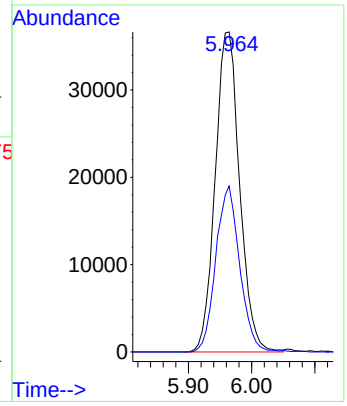


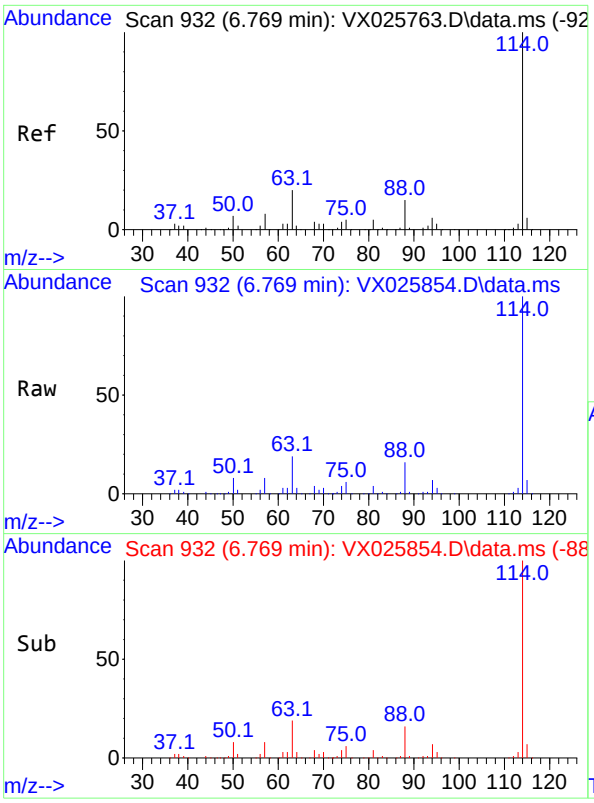


#33
1,2-Dichloroethane-d4
Concen: 43.832 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion: 65 Resp: 98141

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.4



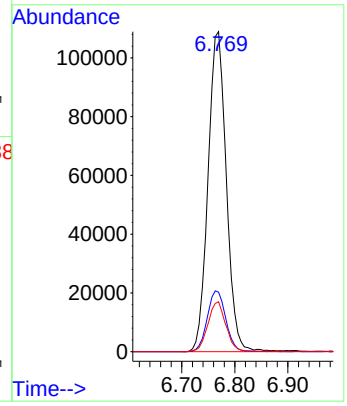


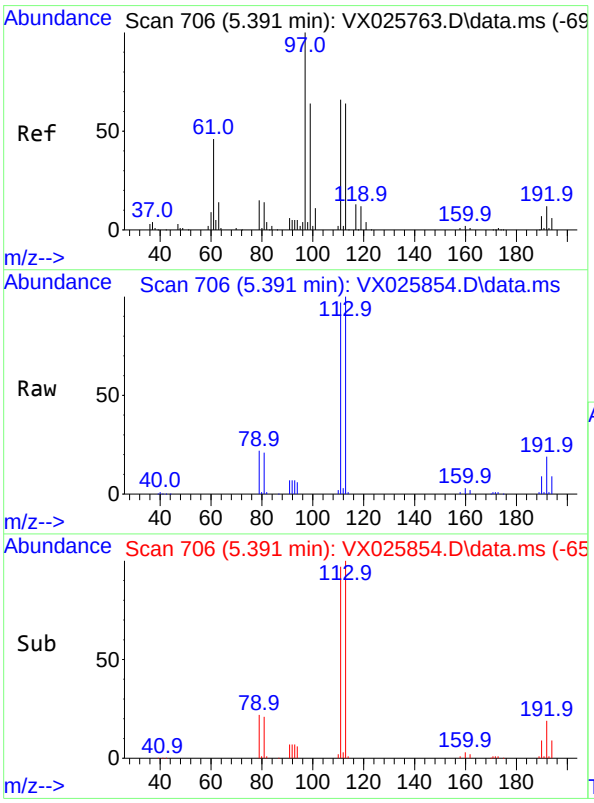
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion:114 Resp: 260749

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.0
88	15.6	0.0	30.6

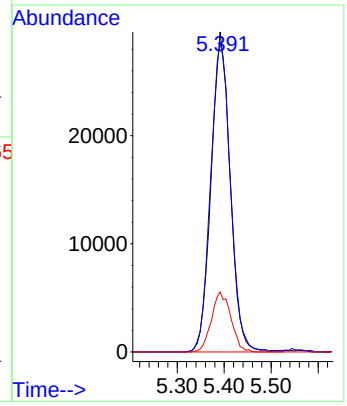


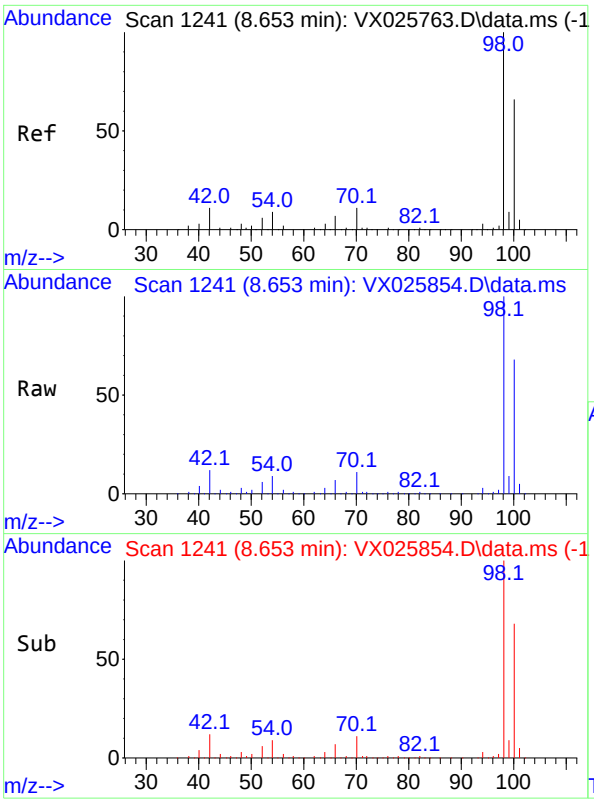


#35
Dibromofluoromethane
Concen: 45.592 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion:113 Resp: 82909

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	19.2	15.0	22.4



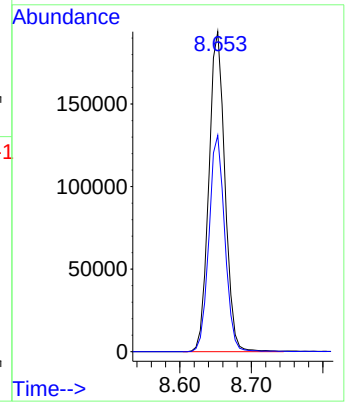


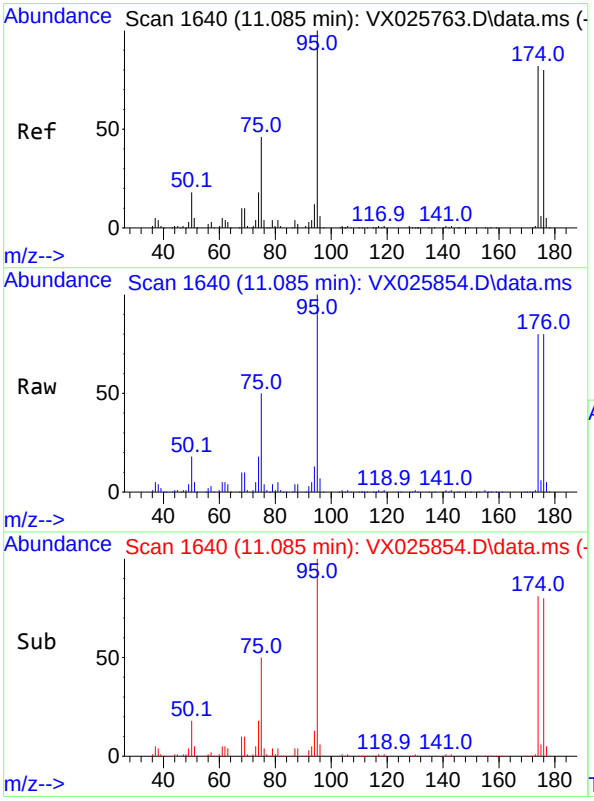
#50
Toluene-d8
Concen: 45.630 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion: 98 Resp: 302329

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8

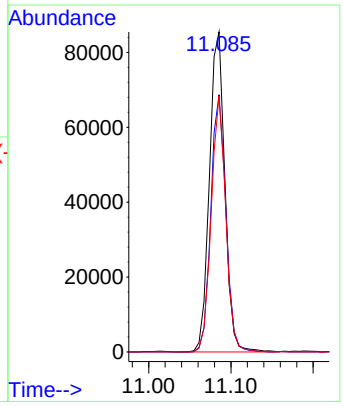


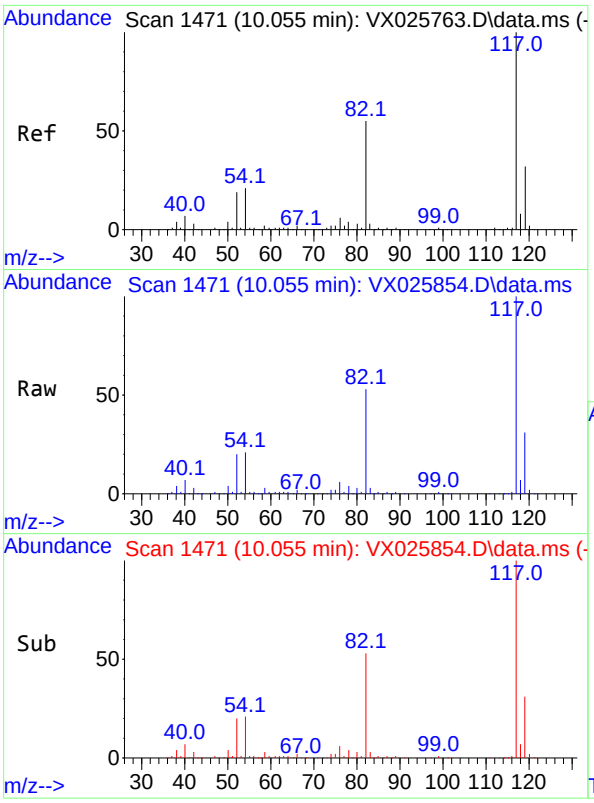


#62
4-Bromofluorobenzene
Concen: 44.263 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion: 95 Resp: 111403

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	157.4
176	75.3	0.0	154.6



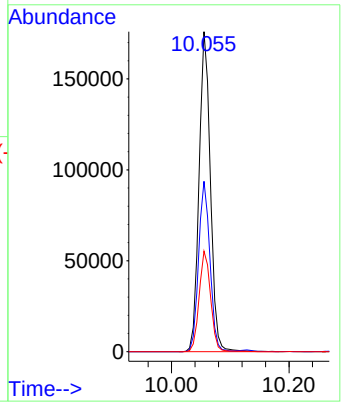


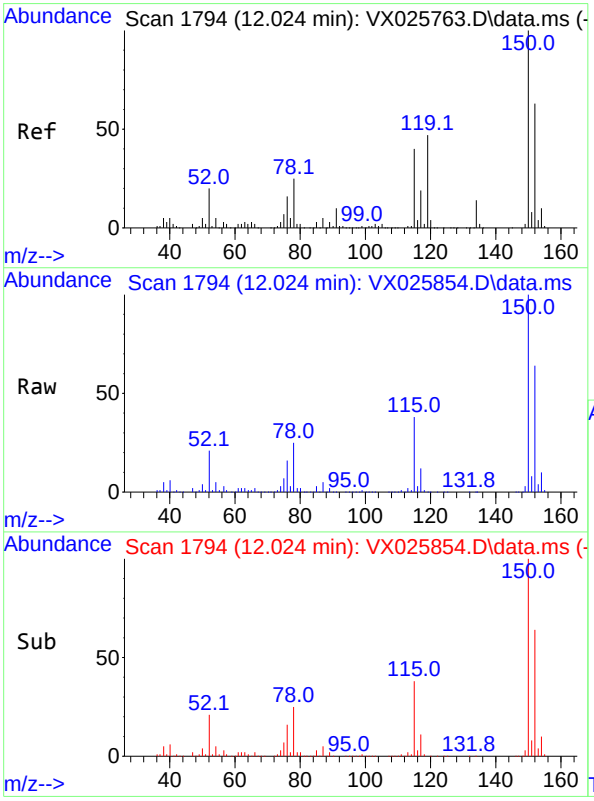
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion:117 Resp: 235870

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.6
119	31.4	25.2	37.8

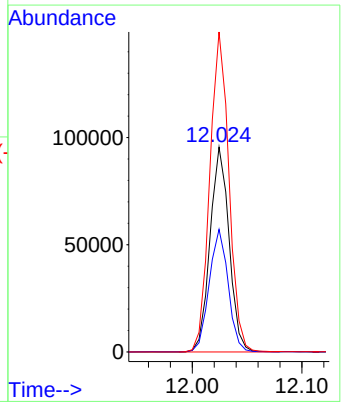


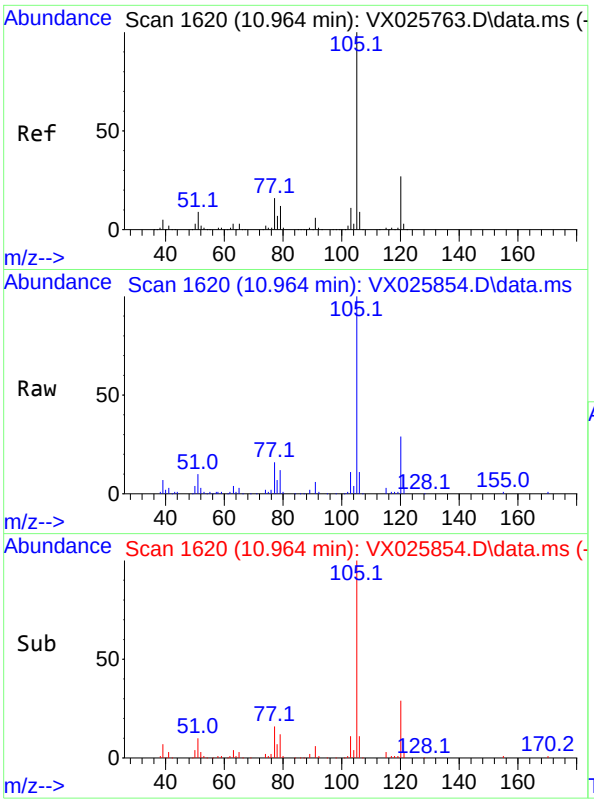


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion:152 Resp: 115412

Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.3	123.9
150	156.7	0.0	351.8



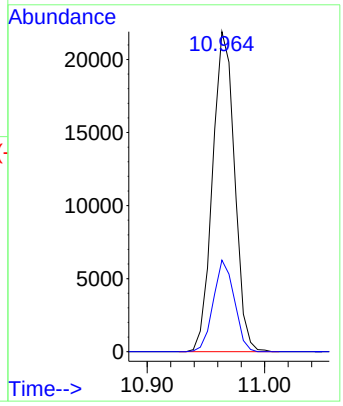


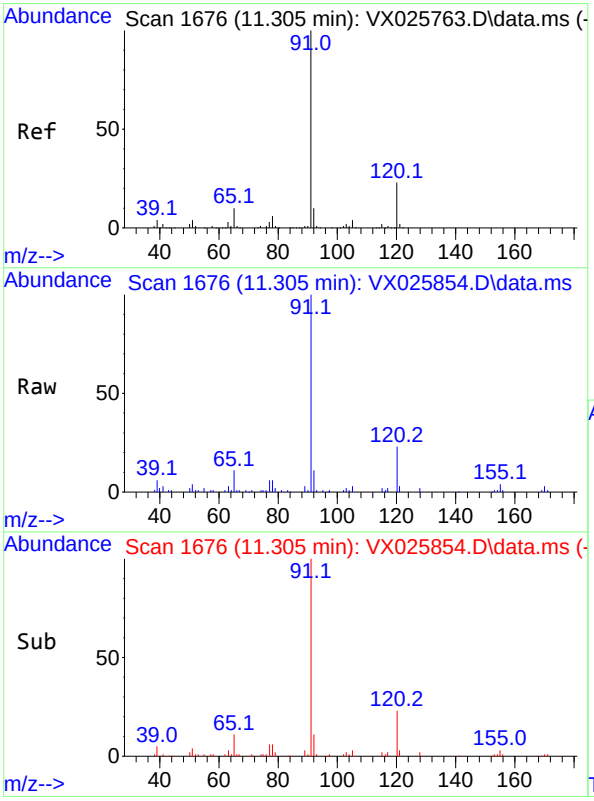
#73
Isopropylbenzene
Concen: 3.410 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion:105 Resp: 28564

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.7

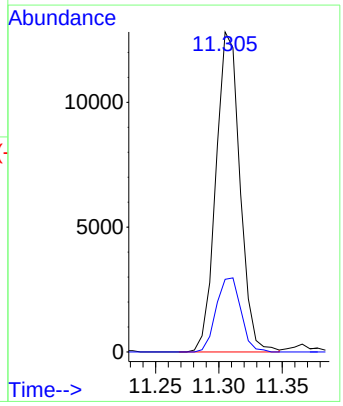


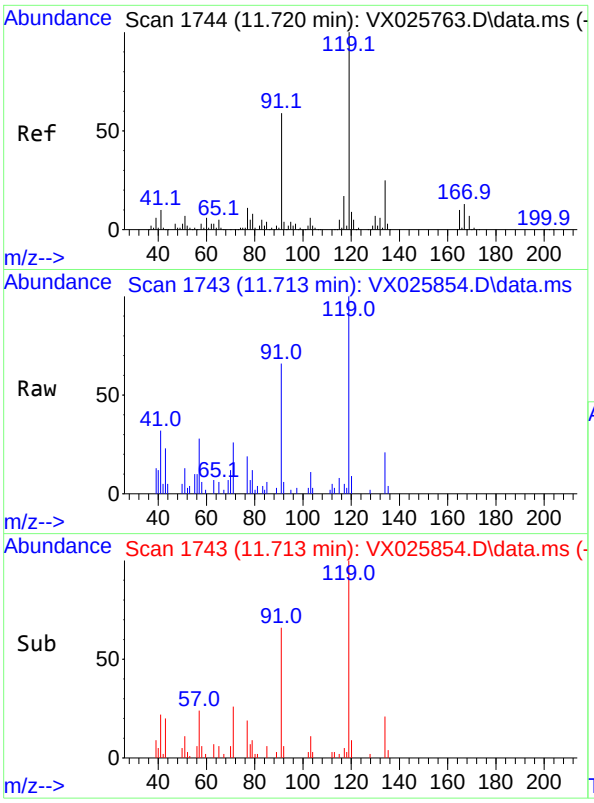


#78
n-propylbenzene
Concen: 1.783 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion: 91 Resp: 16897

Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.1



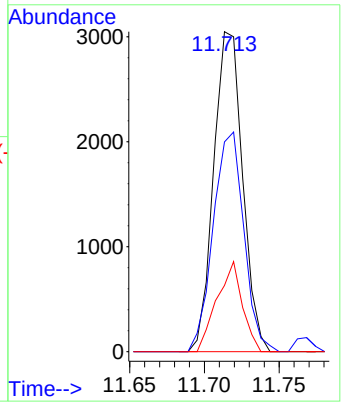


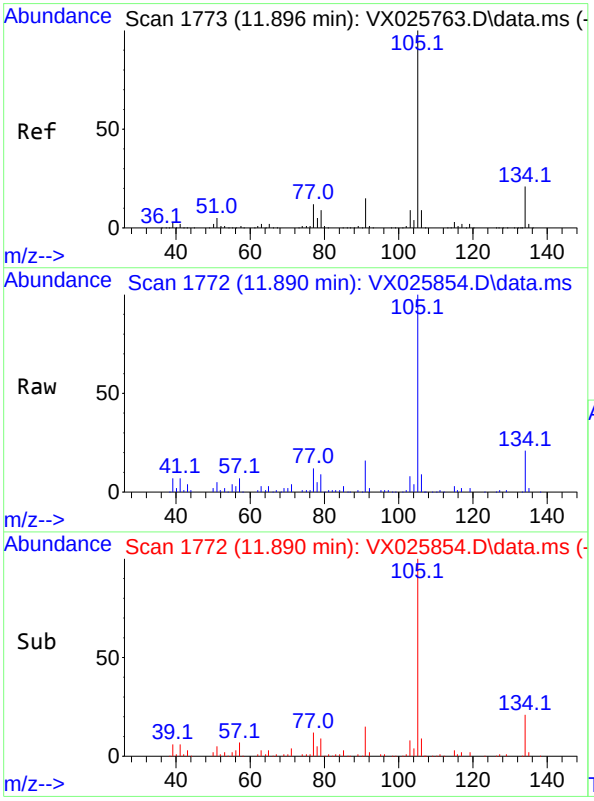
#83
tert-Butylbenzene
Concen: 0.603 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion:119 Resp: 4104

Ion	Ratio	Lower	Upper
119	100		
91	72.7	28.7	86.1
134	24.7	11.9	35.9

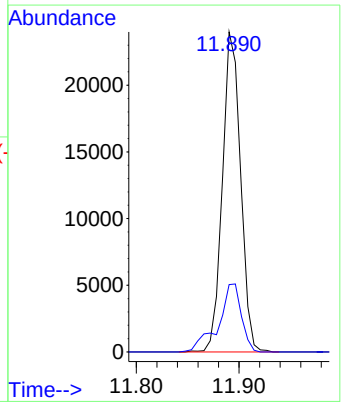


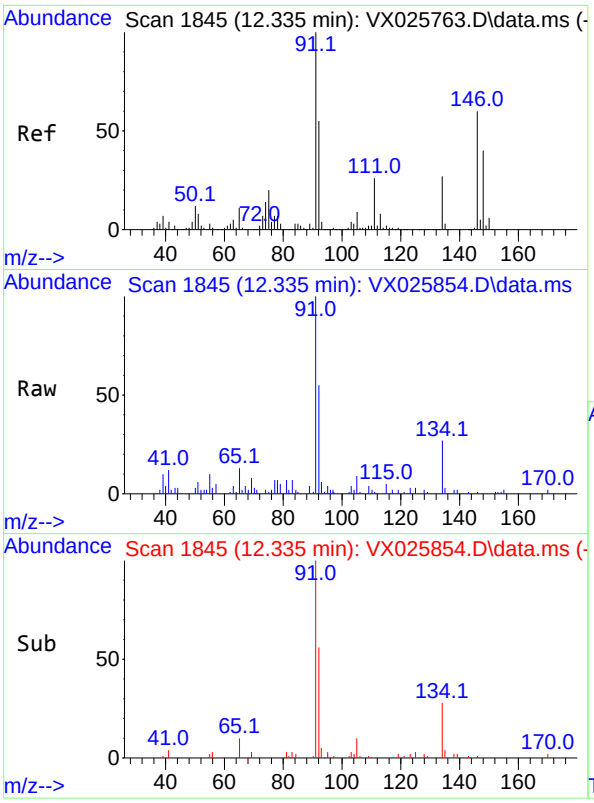


#85
sec-Butylbenzene
Concen: 3.591 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Tgt Ion:105 Resp: 29389

Ion	Ratio	Lower	Upper
105	100		
134	27.1	10.4	31.1





#89
n-Butylbenzene
Concen: 1.676 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025854.D
Acq: 16 Dec 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
C2RE

Tgt Ion: 91 Resp: 9610

Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.3	81.8
134	29.8	13.5	40.4