Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100520\
Data File : VX018781.D
Acq On : 05 Oct 2020 22:09
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q9

Quant Time: Oct 06 06:29:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	129393	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	123291	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	59317	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	39278	5.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.80%			
7) Chloroethane-d5	1.70	69	34667	5.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.20%			
11) 1,1-Dichloroethene-d2	2.34	63	66883	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.40%			
20) 2-Butanone-d5	4.56	46	137550	69.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 138.76%#			
24) Chloroform-d	5.14	84	99592	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	6.03	65	57894	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	6.05	84	180416	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.80%			
36) 1,2-Dichloropropane-d6	7.37	67	55659	6.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 125.60%			
41) Toluene-d8	8.70	98	157611	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
45) trans-1,3-Dichloropropene-	8.99	79	23984	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
48) 2-Hexanone-d5	9.43	63	108505	67.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 135.88%#			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43583	6.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.00%#			
65) 1,2-Dichlorobenzene-d4	12.36	152	63177	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			
Target Compounds						Qvalue
16) Methylene chloride	2.84	84	3929	0.503	ug/L	87
29) 1,1,1-Trichloroethane	5.46	97	1766	0.121	ug/L	90
30) Cyclohexane	5.54	56	9080	0.898	ug/L	96
42) Toluene	8.76	91	52400	1.855	ug/L	99
54) Ethylbenzene	10.24	91	4741	0.150	ug/L	94
55) m,p-xylene	10.34	106	6420	0.520	ug/L	99
56) o-xylene	10.68	106	2387	0.209	ug/L	80
63) 1,3-Dichlorobenzene	12.01	146	1205	0.084	ug/L	99
64) 1,4-Dichlorobenzene	12.09	146	4111	0.286	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	1363	0.101	ug/L	92
69) 1,2,4-trichlorobenzene	13.63	180	8678	0.942	ug/L	96
71) 1,2,3-Trichlorobenzene	14.00	180	3353	0.404	ug/L	97

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

Quantitation Report (QT/LSC Reviewed)

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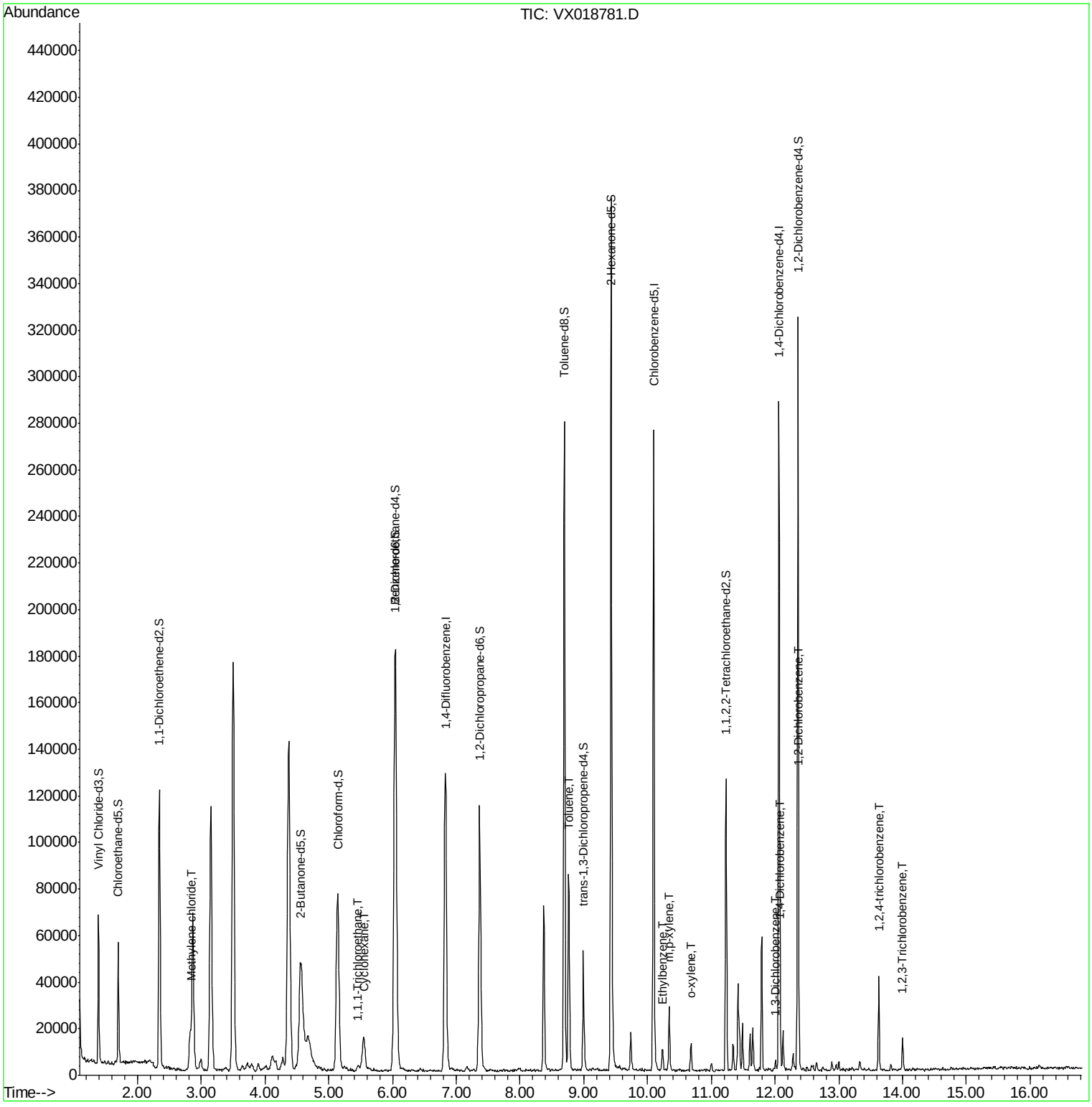
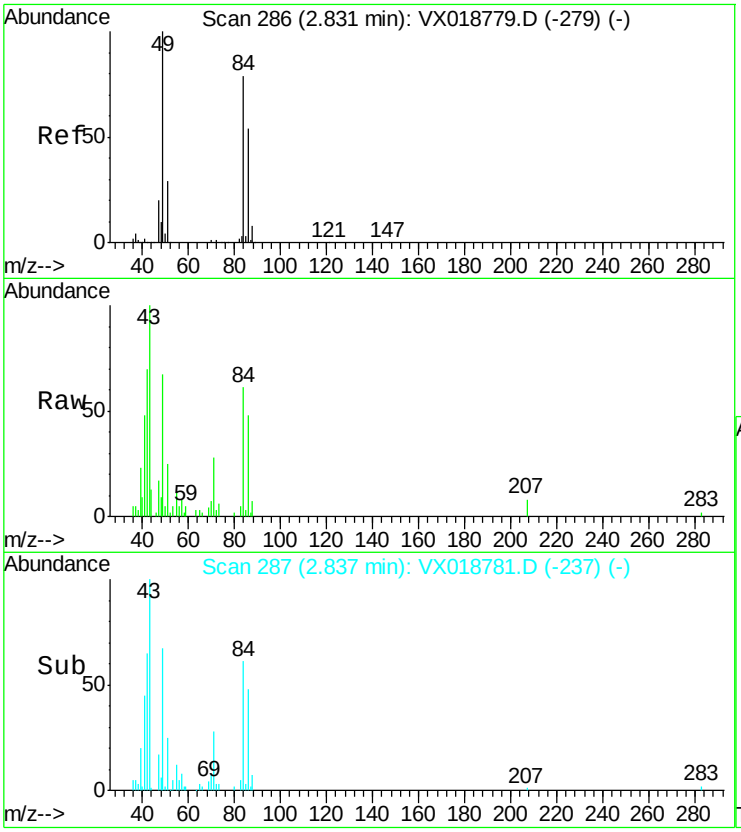
Operator : JC/SP
Sample : L4240-02 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Quant Time: Oct 06 06:29:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 05:58:52 2020
Response via : Initial Calibration



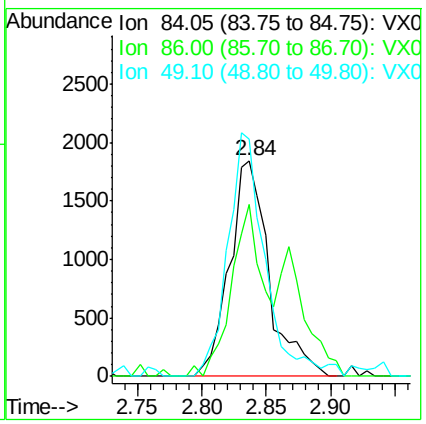


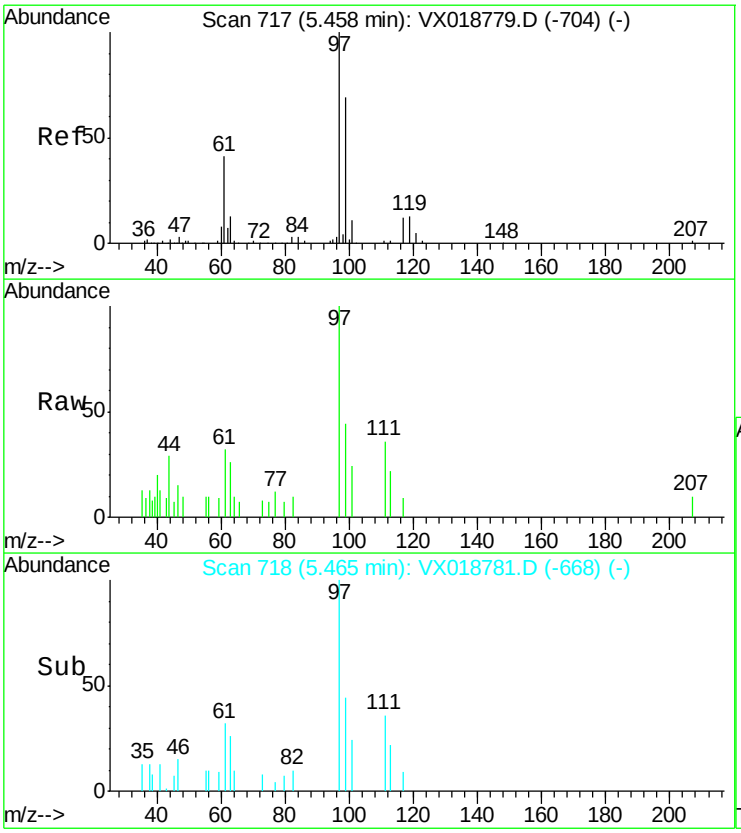
#16
Methylene chloride
Concen: 0.503 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument : MSVOA_X
ClientSampleId : BG3Q9

Tgt Ion: 84 Resp: 3929

Ion	Ratio	Lower	Upper
84	100		
86	79.5	45.6	84.8
49	110.2	85.8	159.3

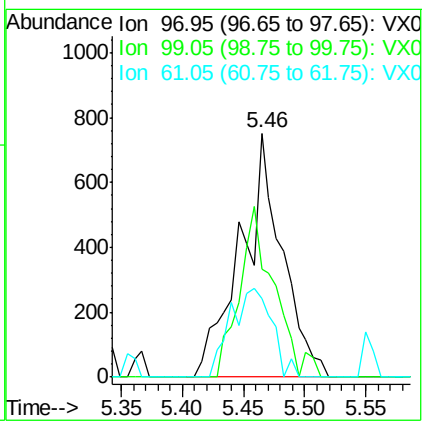


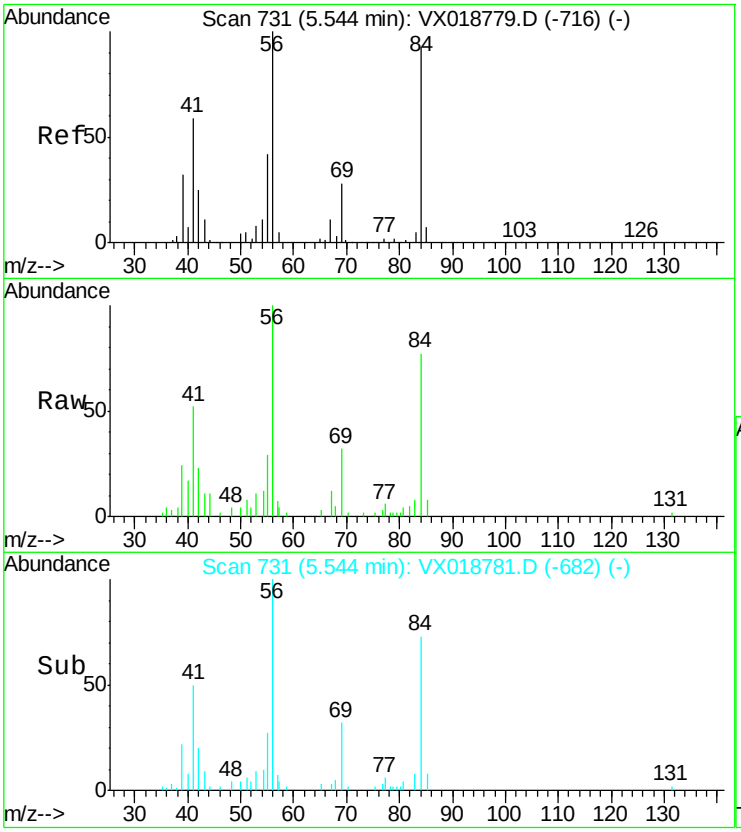


#29
1,1,1-Trichloroethane
Concen: 0.121 ug/L
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion: 97 Resp: 1766

Ion	Ratio	Lower	Upper
97	100		
99	55.7	51.3	76.9
61	36.4	33.3	49.9



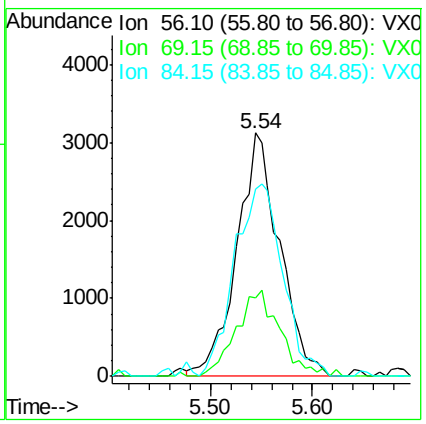


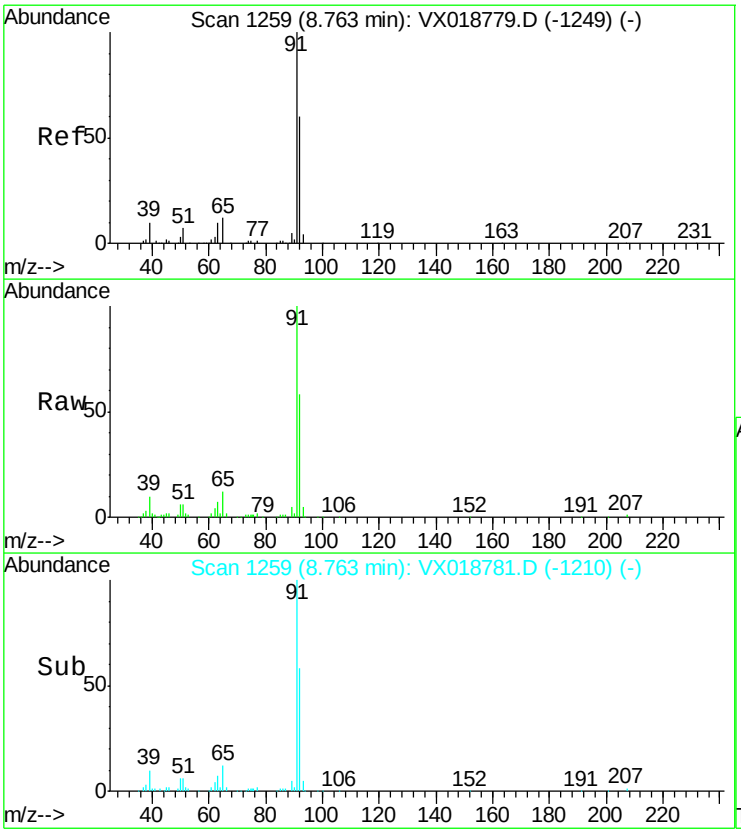
#30
Cyclohexane
Concen: 0.898 ug/L
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument : MSVOA_X
ClientSampleId : BG3Q9

Tgt Ion: 56 Resp: 9080

Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.0	39.0
84	89.0	73.8	110.6

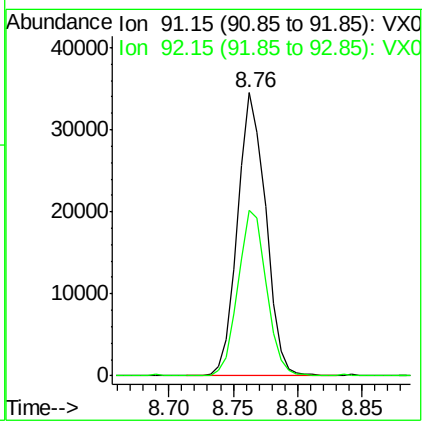


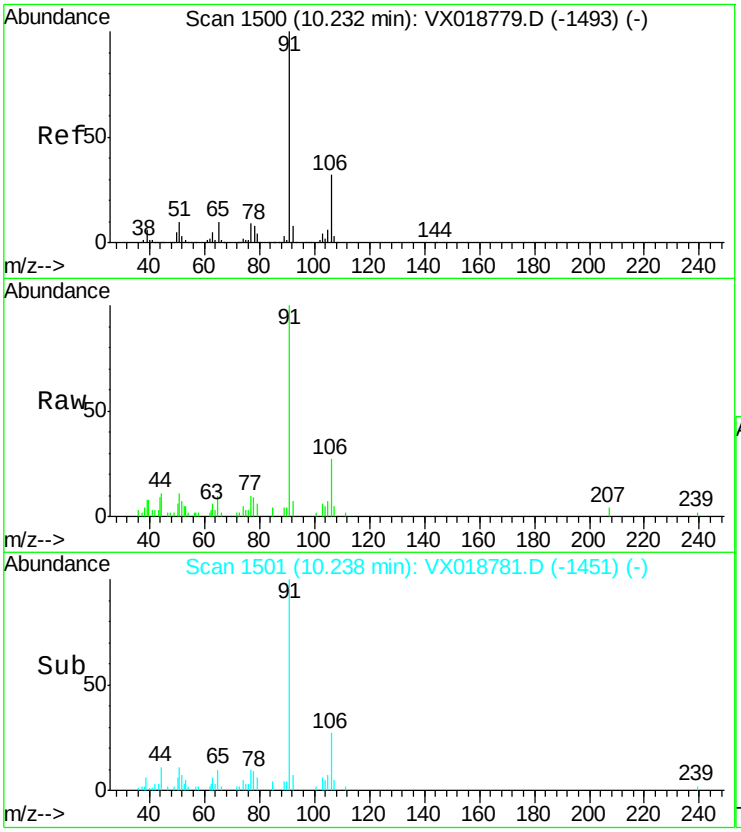


#42
Toluene
Concen: 1.855 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion: 91 Resp: 52400

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.3	74.9



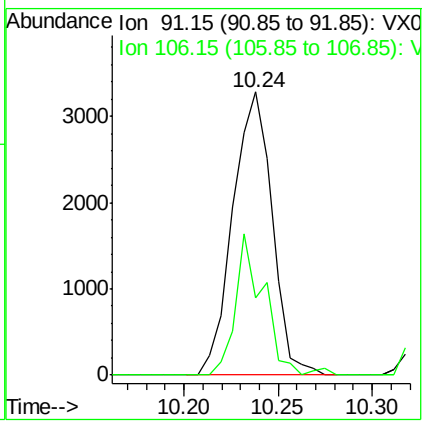


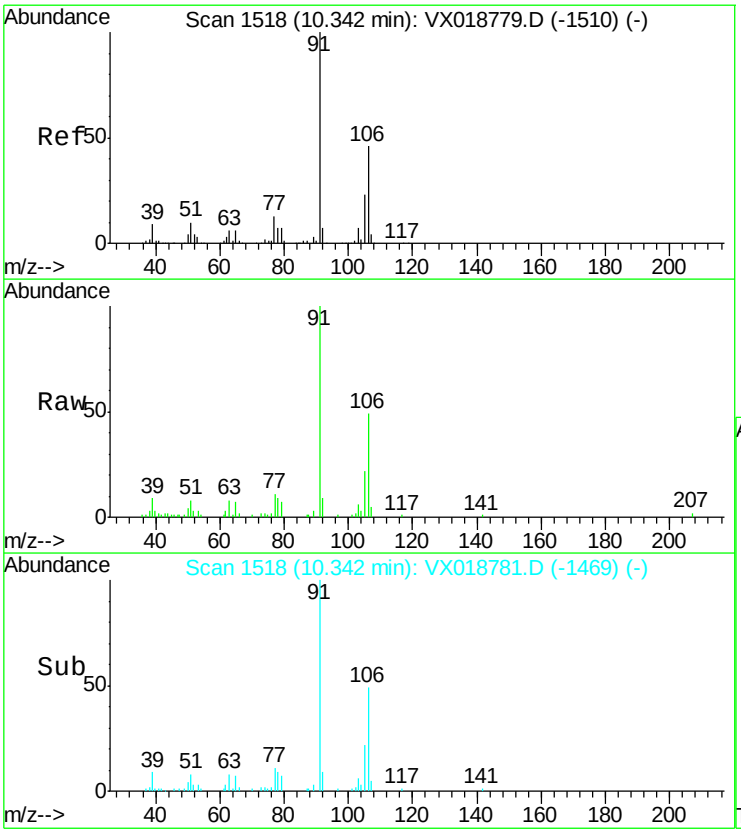
#54
Ethylbenzene
Concen: 0.150 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument : MSVOA_X
ClientSampleId : BG3Q9

Tgt Ion: 91 Resp: 4741

Ion	Ratio	Lower	Upper
91	100		
106	27.4	21.5	39.9

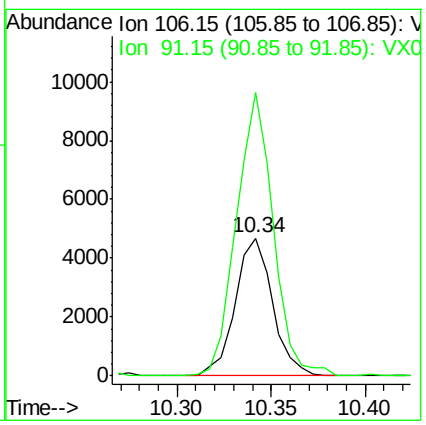


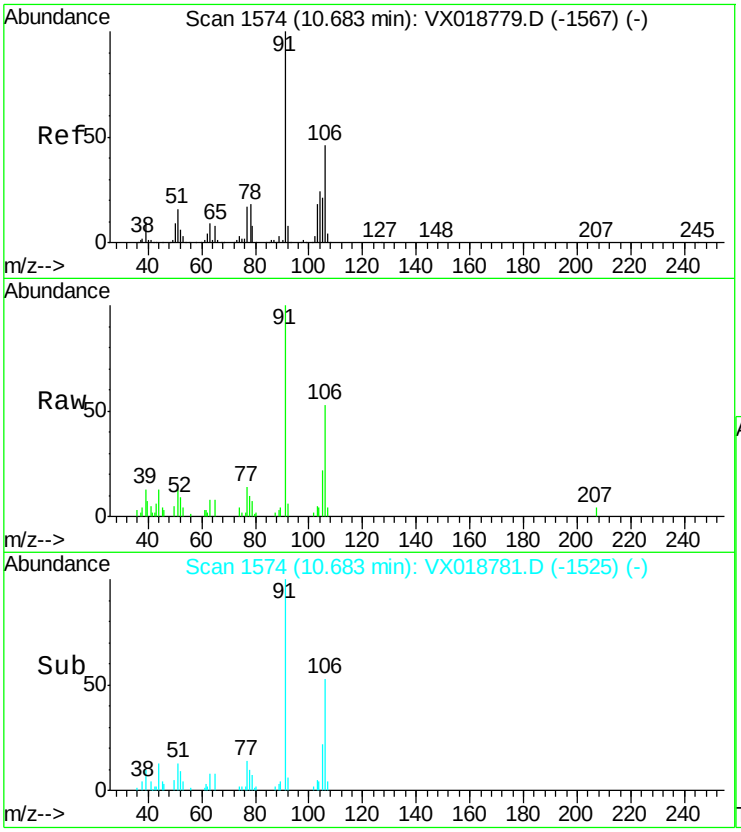


#55
m,p-xylene
Concen: 0.520 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion:106 Resp: 6420

Ion	Ratio	Lower	Upper
106	100		
91	205.8	143.4	266.2



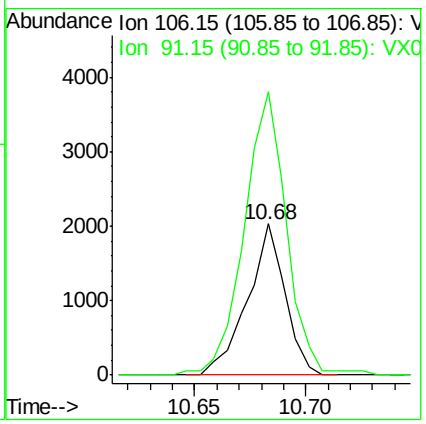


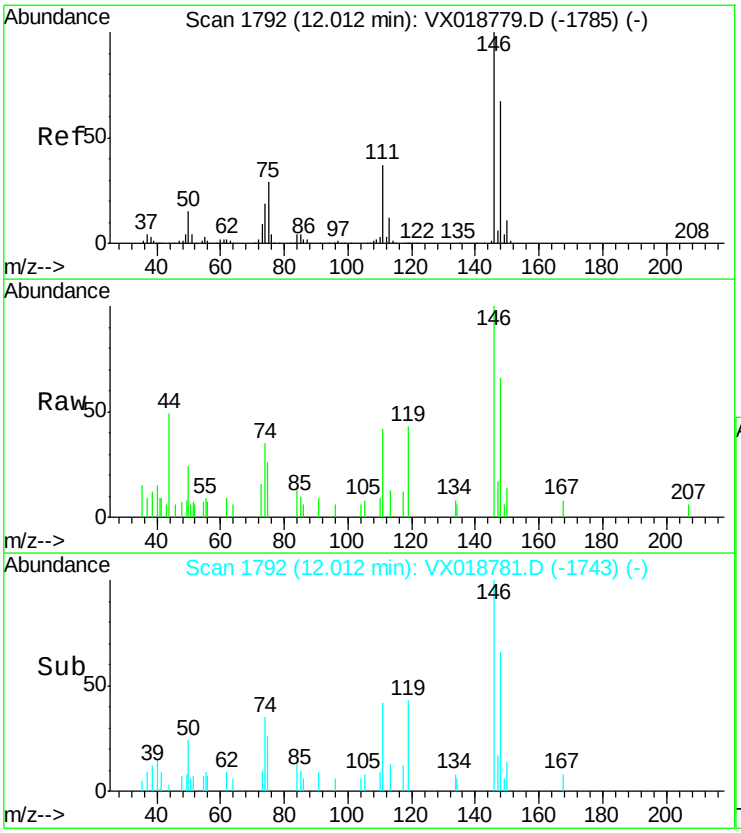
#56
o-xylene
Concen: 0.209 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Tgt Ion:106 Resp: 2387

Ion	Ratio	Lower	Upper
106	100		
91	187.1	153.4	284.8

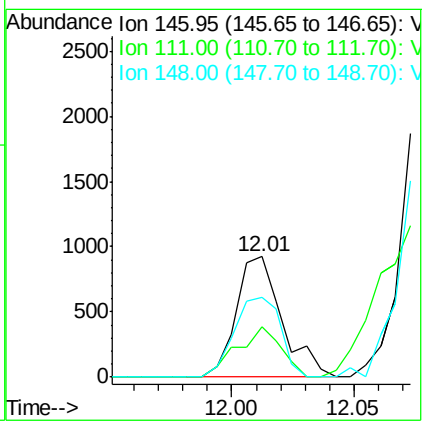


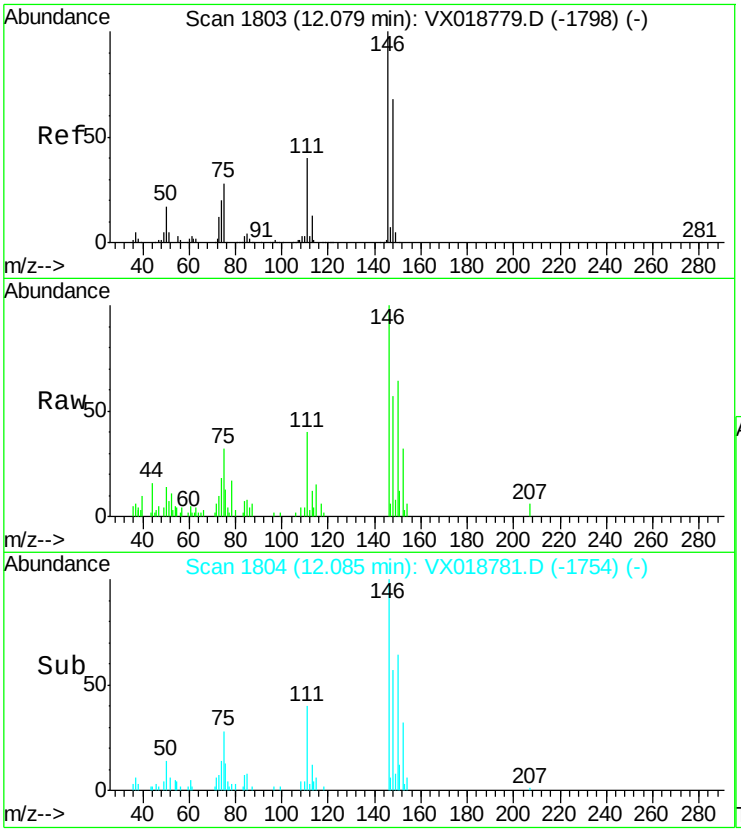


#63
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion:146 Resp: 1205

Ion	Ratio	Lower	Upper
146	100		
111	41.6	28.4	52.8
148	66.0	45.9	85.3



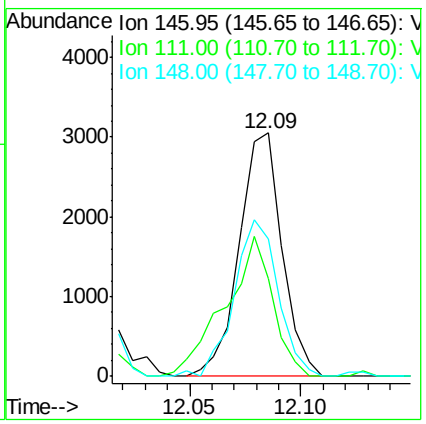


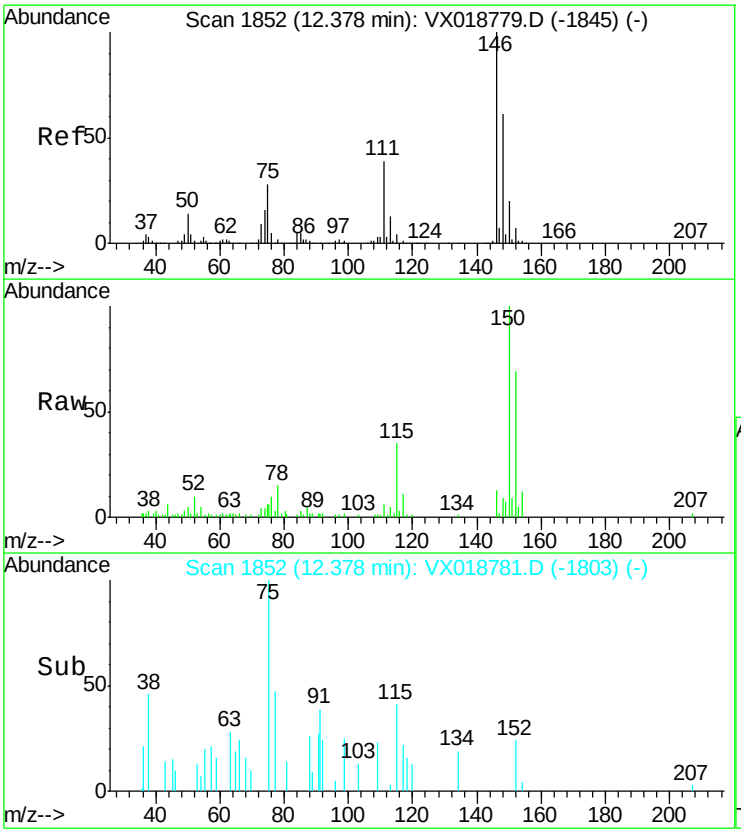
#64
1,4-Dichlorobenzene
Concen: 0.286 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument : MSVOA_X
ClientSampleId : BG3Q9

Tgt Ion:146 Resp: 4111

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.6	53.2
148	56.7	44.2	82.0

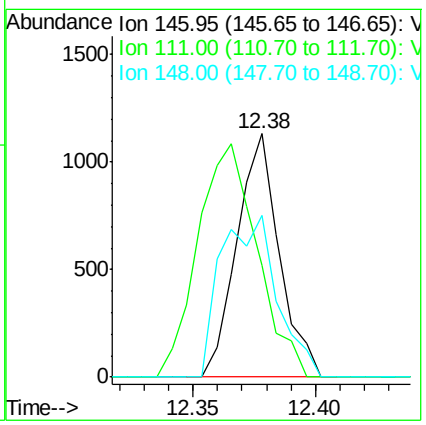


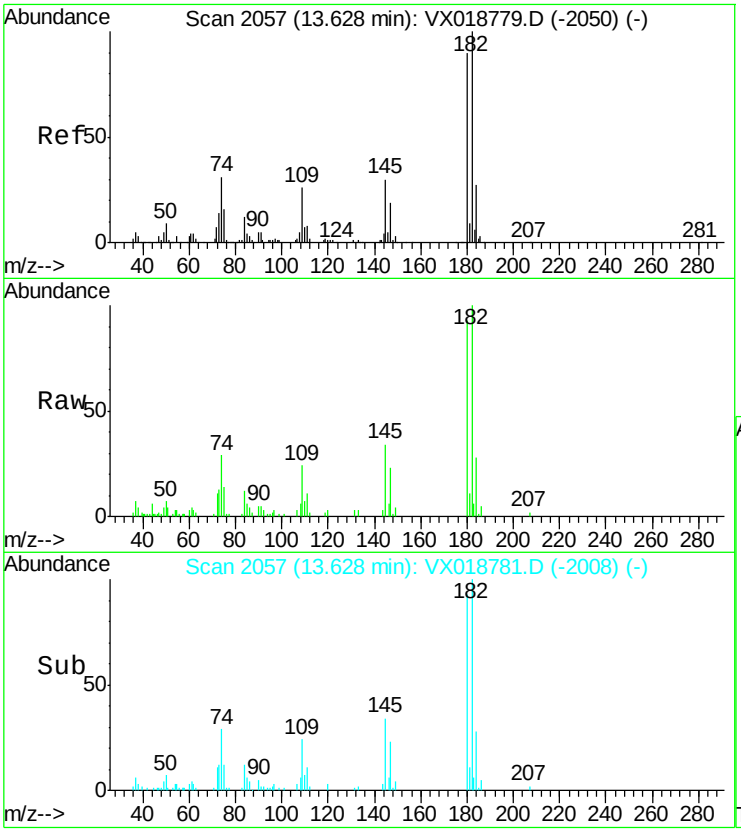


#66
1,2-Dichlorobenzene
Concen: 0.101 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion:146 Resp: 1363

Ion	Ratio	Lower	Upper
146	100		
111	45.8	31.7	47.5
148	66.5	49.0	73.6



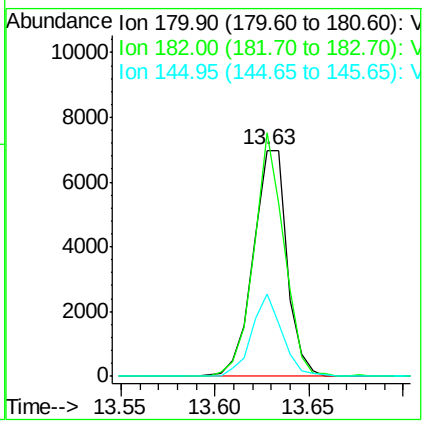


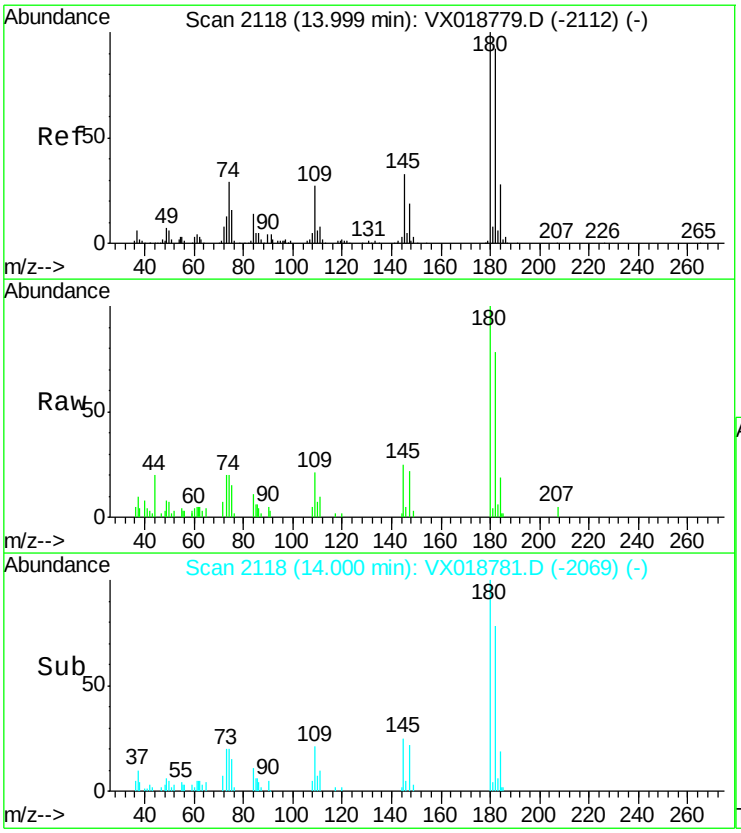
#69
1,2,4-trichlorobenzene
Concen: 0.942 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Instrument :
MSVOA_X
ClientSampleId :
BG3Q9

Tgt Ion:180 Resp: 8678

Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.2	120.4
145	33.2	25.2	37.8





#71
1,2,3-Trichlorobenzene
Concen: 0.404 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018781.D
Acq: 05 Oct 2020 22:09

Tgt Ion:180 Resp: 3353

Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.6	110.4
145	30.6	26.6	40.0