Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
Data File : VU045234.D
Acq On : 08 Oct 2021 01:51
Operator : SY/MD
Sample : M4138-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 08 02:14:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	262696	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108691	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108976	35.225	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.460%			
7) Chloroethane-d5	1.896	69	98039	39.991	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.980%			
11) 1,1-Dichloroethene-d2	2.562	63	149416	28.759	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.520%#			
21) 2-Butanone-d5	4.629	46	214683	87.777	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.780%			
24) Chloroform-d	5.067	84	204524	41.858	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.720%			
26) 1,2-Dichloroethane-d4	5.706	65	146725	44.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.660%			
32) Benzene-d6	5.732	84	422832	46.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.780%			
36) 1,2-Dichloropropane-d6	6.693	67	139309	46.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.740%			
41) Toluene-d8	7.902	98	364324	46.313	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.620%			
43) trans-1,3-Dichloroprop...	8.182	79	61422	46.457	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.920%			
47) 2-Hexanone-d5	8.636	63	153455	93.165	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.160%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214348	46.312	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.620%			
66) 1,2-Dichlorobenzene-d4	12.198	152	120945	51.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.260%			
Target Compounds						Qvalue
6) Bromomethane	1.835	94	1721	1.086	ug/L	86
8) Chloroethane	1.838	64	5104	2.461	ug/L #	54
14) Carbon disulfide	2.790	76	4901	0.699	ug/L	98
39) cis-1,3-Dichloropropene	7.571	75	4136	1.090	ug/L #	63
42) Toluene	7.973	91	9326	0.942	ug/L	96
44) trans-1,3-Dichloropropene	8.185	75	3000	0.831	ug/L	93
48) 2-Hexanone	8.687	43	5922	1.507	ug/L #	91
52) Ethylbenzene	9.574	91	10543	1.008	ug/L	95
53) m,p-Xylene	9.697	106	11326	2.859	ug/L	95
54) o-xylene	10.105	106	3044	0.782	ug/L	93
63) 1,2,4-Trimethylbenzene	11.471	105	3244	0.477	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	1766	0.480	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	2202	0.584	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	2026	0.537	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.224	180	1814	0.711	ug/L	89
70) 1,2,4-trichlorobenzene	13.848	180	3331	1.571	ug/L	98
71) Naphthalene	14.092	128	26123	3.556	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	3869	1.784	ug/L	96

Quantitation Report (Not Reviewed)

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Data File : VU045234.D
Acq On : 08 Oct 2021 01:51
Operator : SY/MD
Sample : M4138-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 08 02:14:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

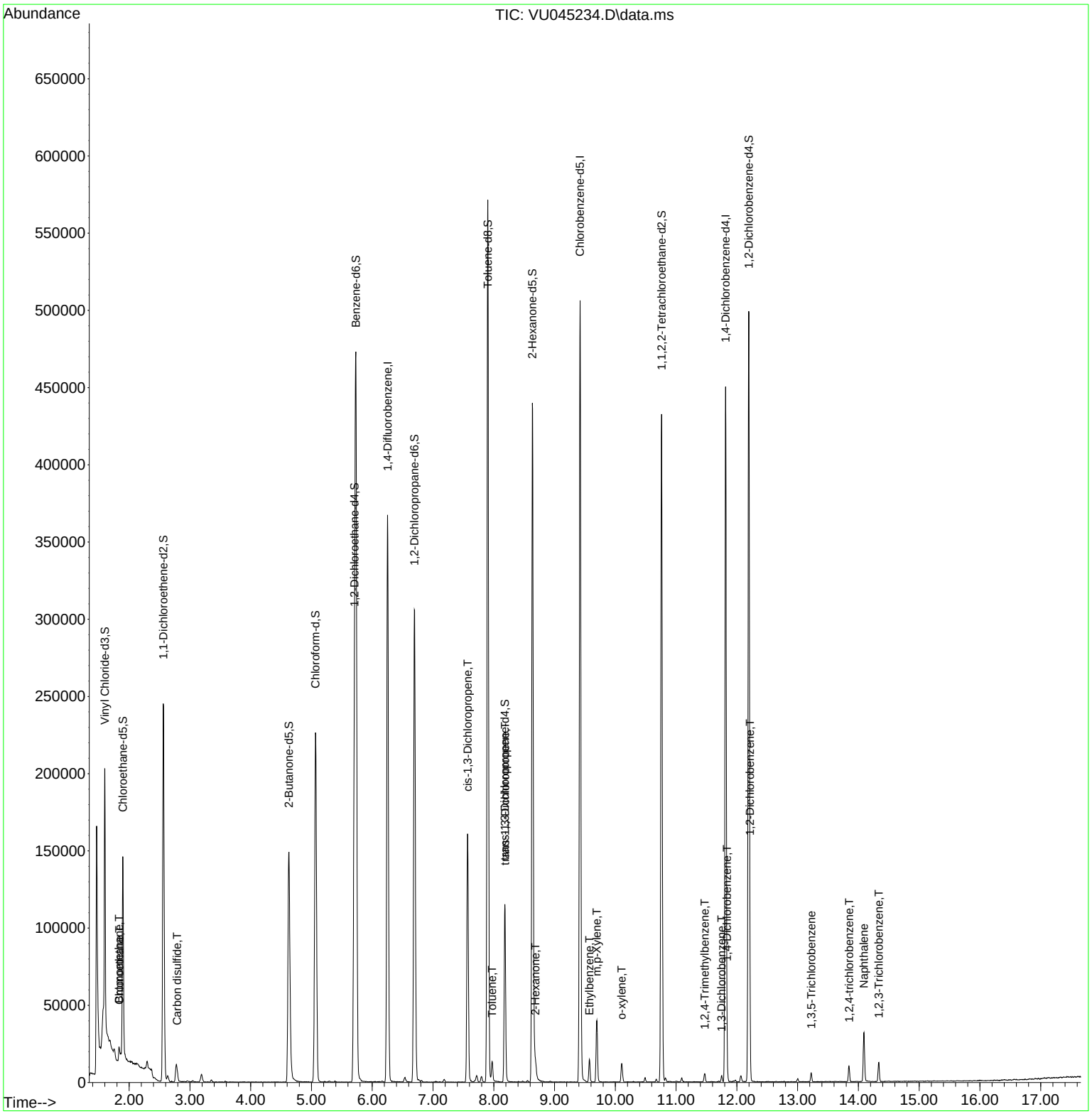
(#) = qualifier out of range (m) = manual integration (+) = signals summed

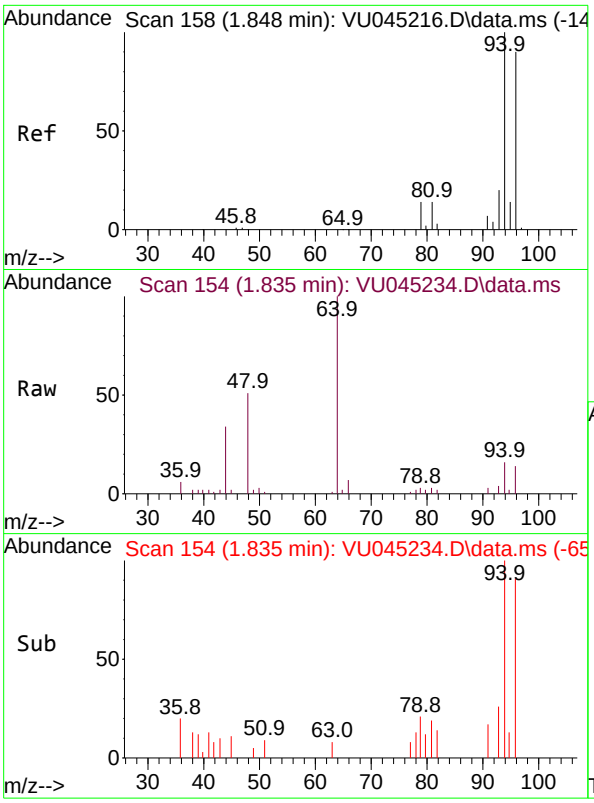
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
Data File : VU045234.D
Acq On : 08 Oct 2021 01:51
Operator : SY/MD
Sample : M4138-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 08 02:14:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration

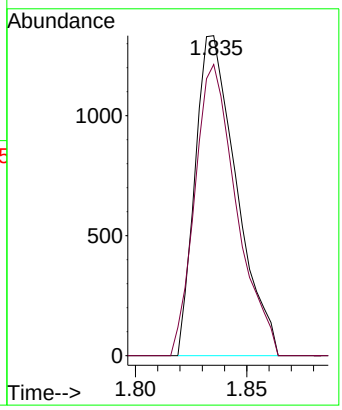




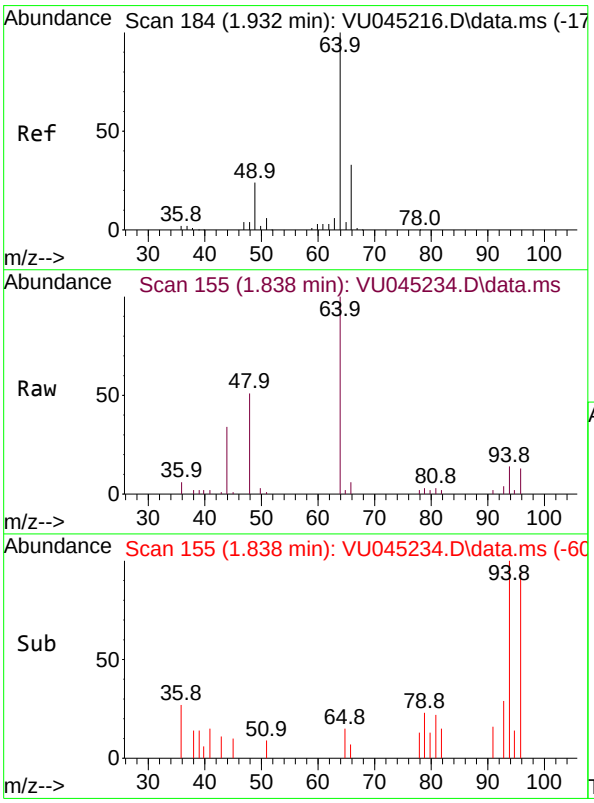
#6
Bromomethane
Concen: 1.086 ug/L
RT: 1.835 min Scan# 154
Delta R.T. -0.013 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 94 Resp: 1721

Ion	Ratio	Lower	Upper
94	100		
96	80.3	65.7	121.9



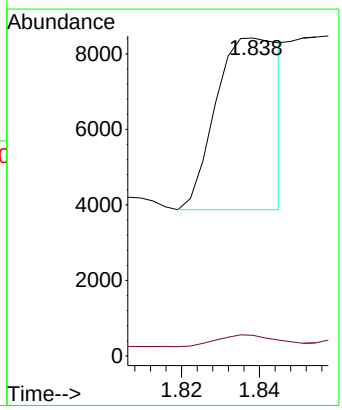
Instrument :
MSVOA_U
ClientSampleId :

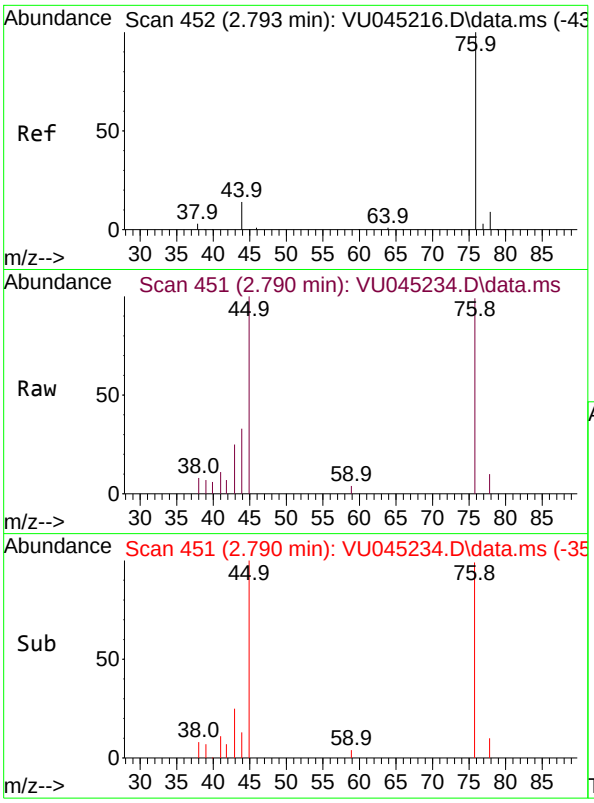


#8
Chloroethane
Concen: 2.461 ug/L
RT: 1.838 min Scan# 155
Delta R.T. -0.093 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 64 Resp: 5104

Ion	Ratio	Lower	Upper
64	100		
66	6.3	22.3	41.3#

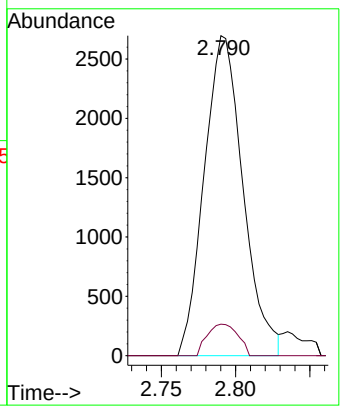




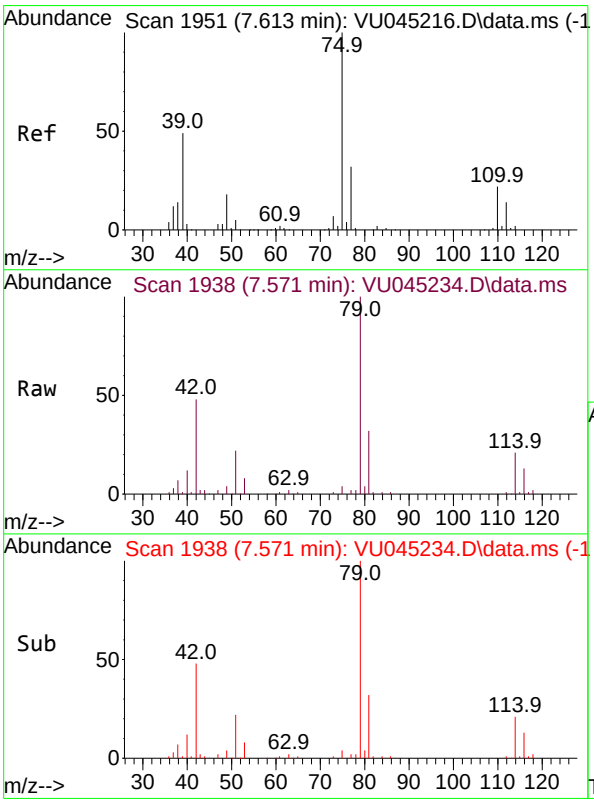
#14
Carbon disulfide
Concen: 0.699 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 76 Resp: 4901

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9



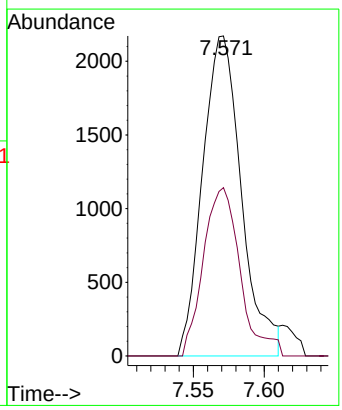
Instrument :
MSVOA_U
ClientSampleId :

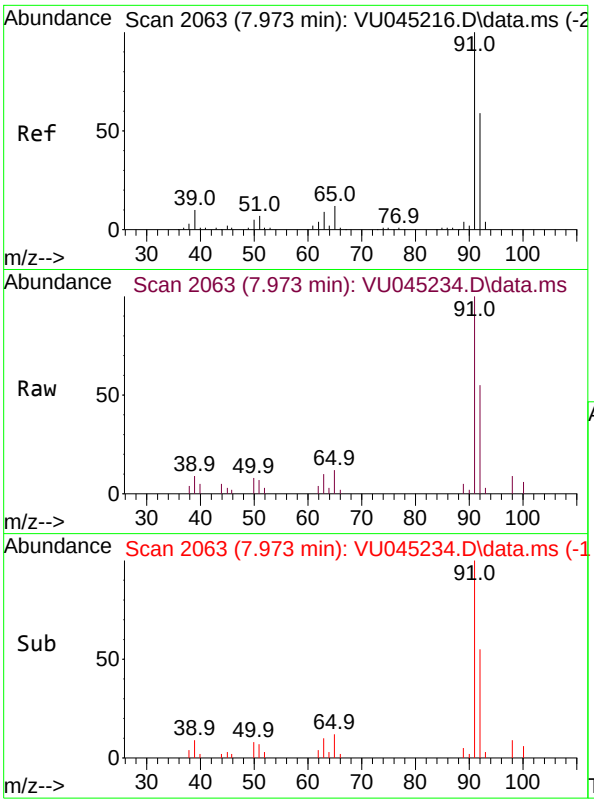


#39
cis-1,3-Dichloropropene
Concen: 1.090 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 75 Resp: 4136

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.4	41.6#

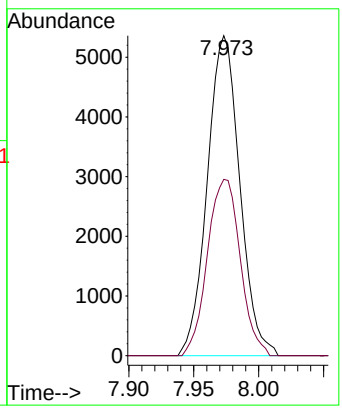




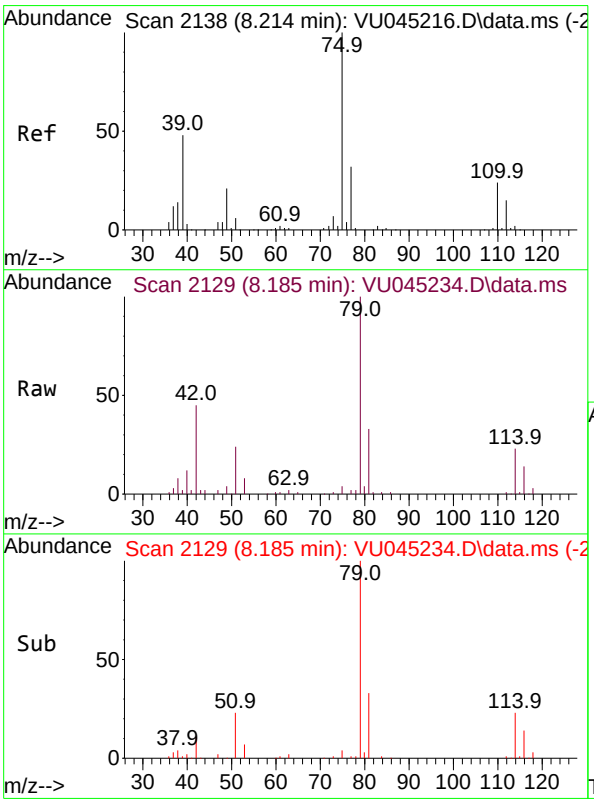
#42
Toluene
Concen: 0.942 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 91 Resp: 9326

Ion	Ratio	Lower	Upper
91	100		
92	55.1	40.5	75.1



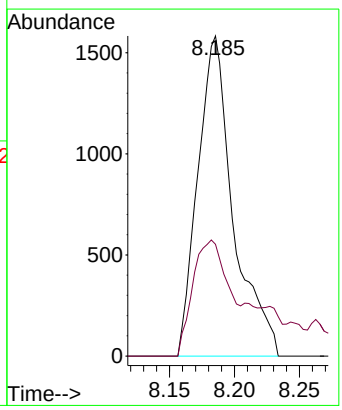
Instrument :
MSVOA_U
ClientSampleId :



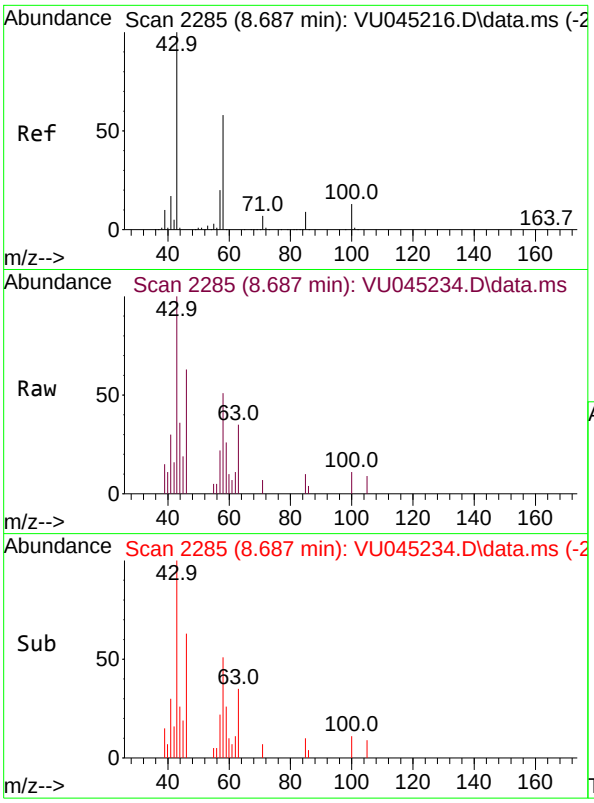
#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 75 Resp: 3000

Ion	Ratio	Lower	Upper
75	100		
77	34.9	21.7	40.3



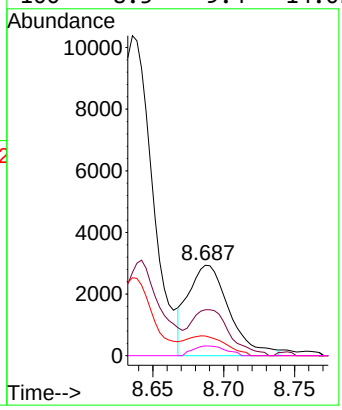
Instrument :
MSVOA_U
ClientSampleId :

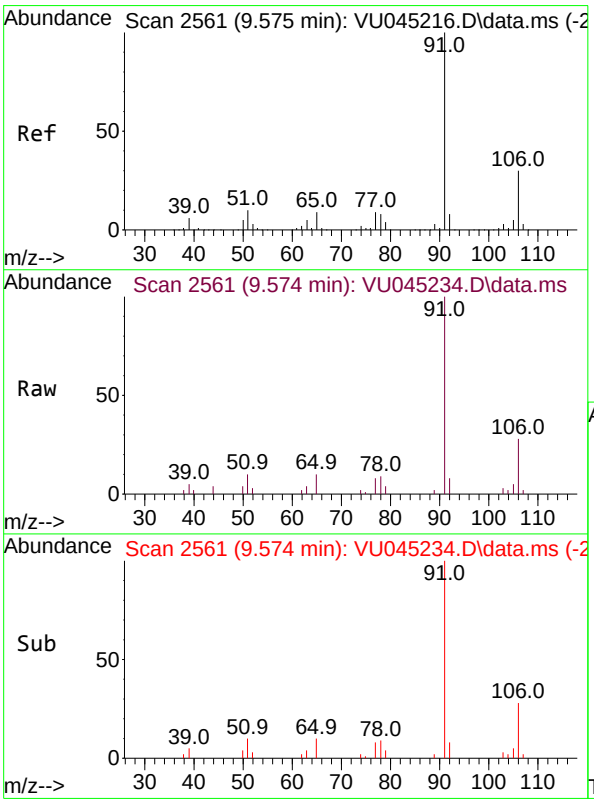


#48
2-Hexanone
Concen: 1.507 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 43 Resp: 5922

Ion	Ratio	Lower	Upper
43	100		
58	47.6	44.9	67.3
57	19.8	15.5	23.3
100	8.5	9.4	14.0#

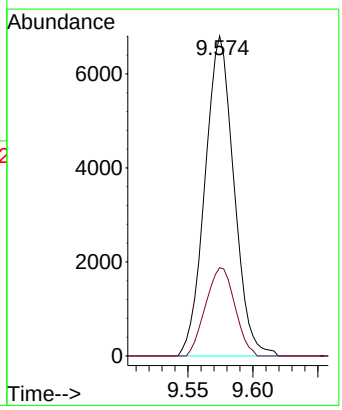




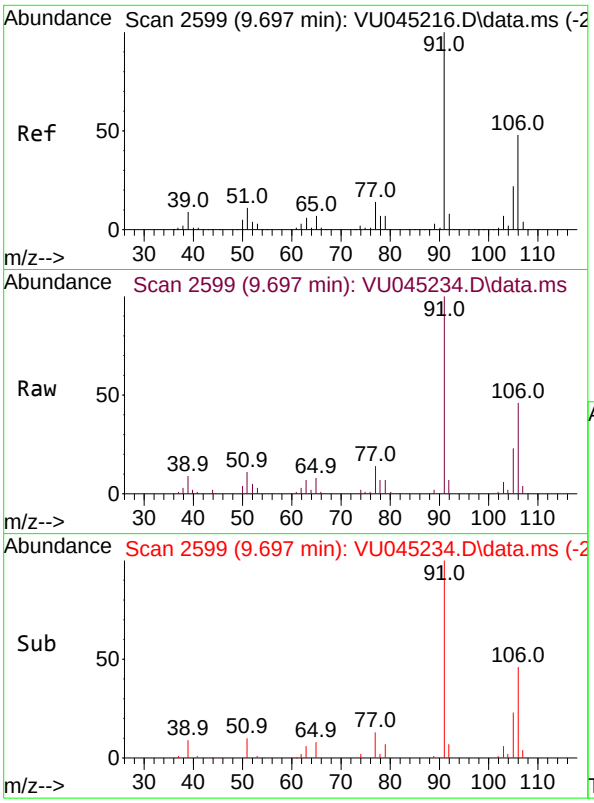
#52
Ethylbenzene
Concen: 1.008 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion: 91 Resp: 10543

Ion	Ratio	Lower	Upper
91	100		
106	27.6	21.2	39.4



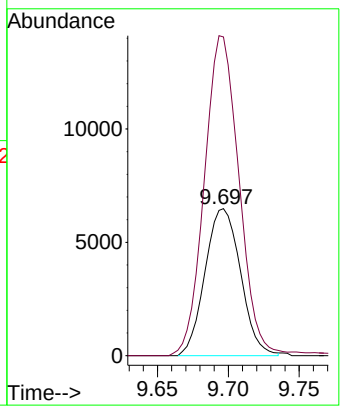
Instrument :
MSVOA_U
ClientSampleId :

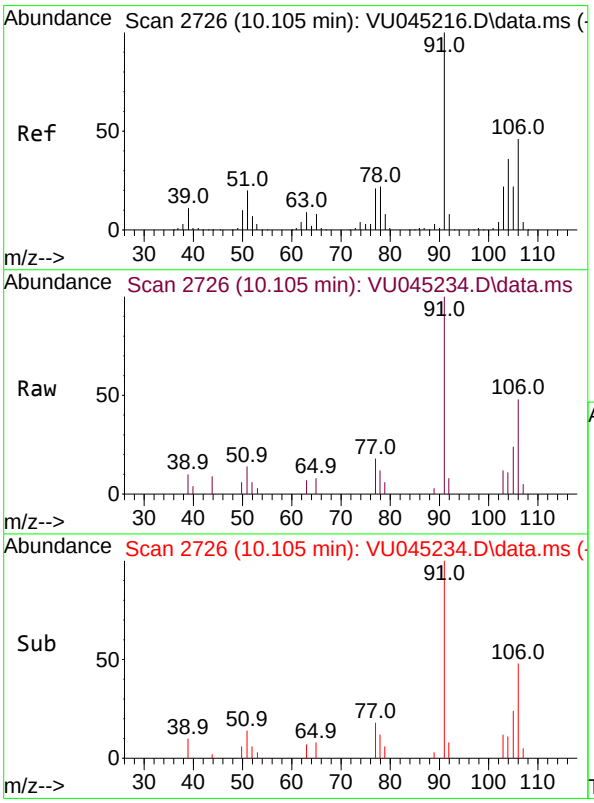


#53
m,p-Xylene
Concen: 2.859 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:106 Resp: 11326

Ion	Ratio	Lower	Upper
106	100		
91	201.0	146.7	272.4

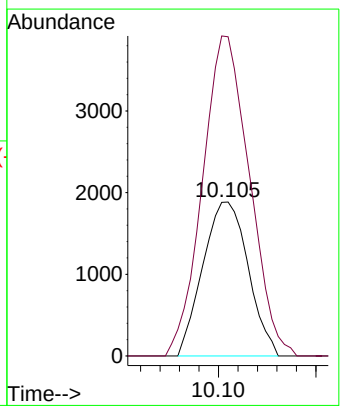




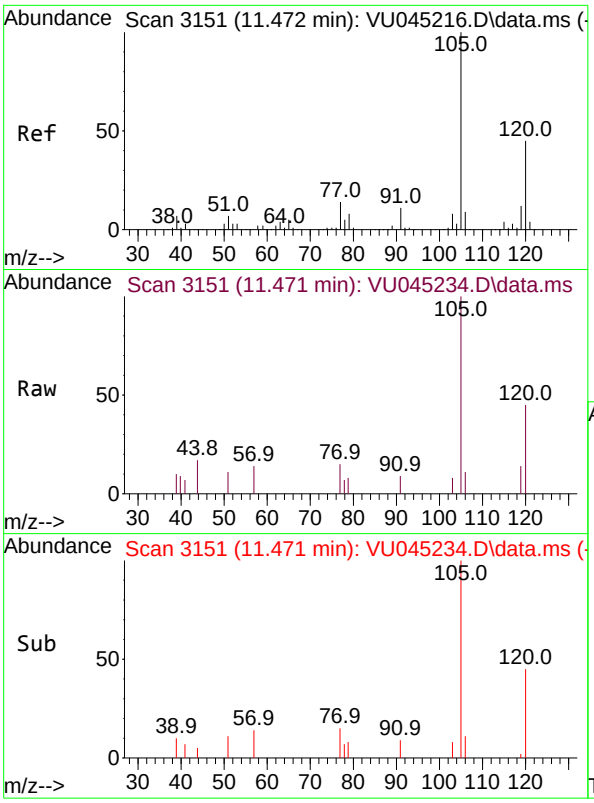
#54
o-xylene
Concen: 0.782 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:106 Resp: 3044

Ion	Ratio	Lower	Upper
106	100		
91	207.4	152.9	283.9



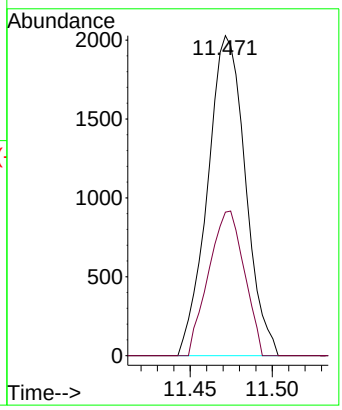
Instrument :
MSVOA_U
ClientSampleId :

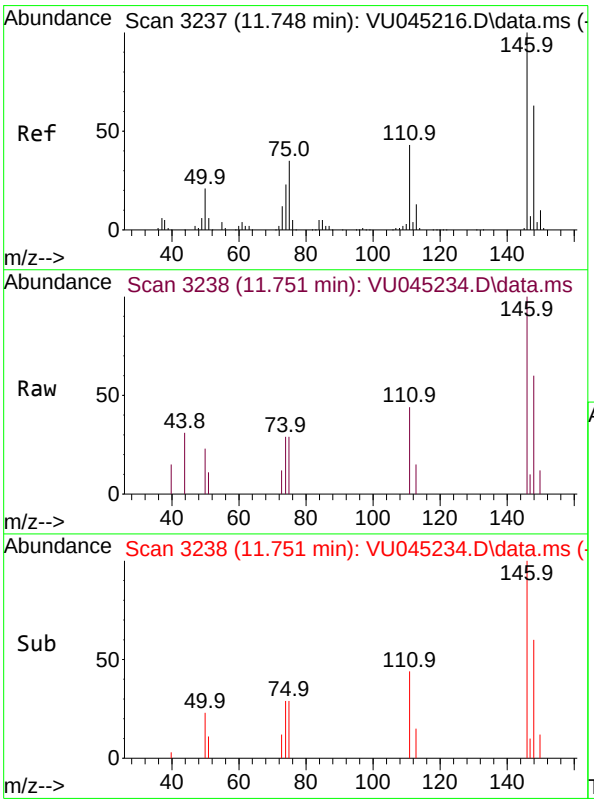


#63
1,2,4-Trimethylbenzene
Concen: 0.477 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:105 Resp: 3244

Ion	Ratio	Lower	Upper
105	100		
120	42.5	35.7	53.5

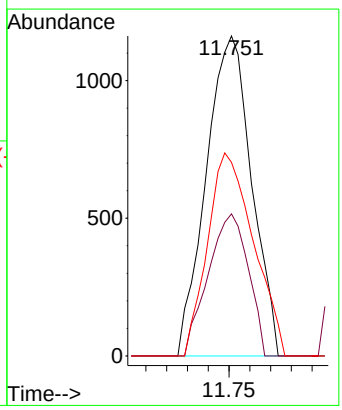


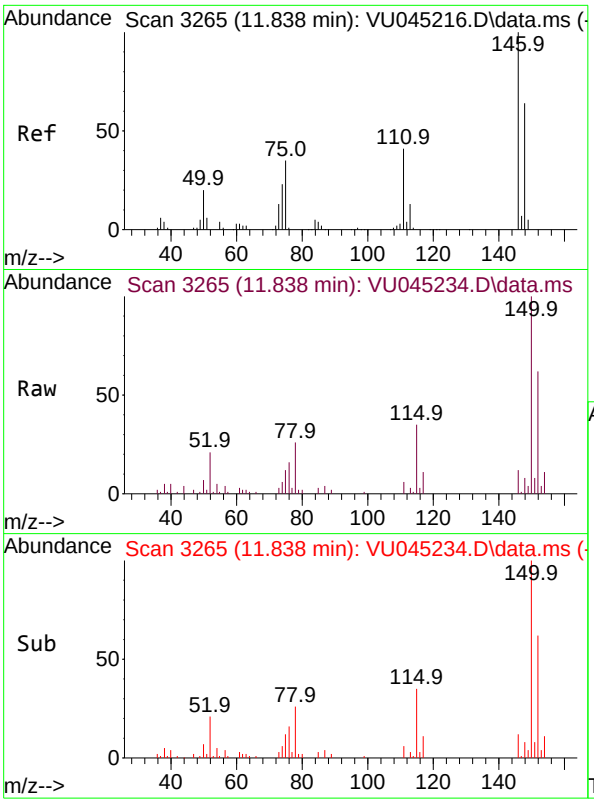


#64
1,3-Dichlorobenzene
Concen: 0.480 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:146 Resp: 1766

Ion	Ratio	Lower	Upper
146	100		
111	40.3	29.0	53.8
148	55.0	44.8	83.2

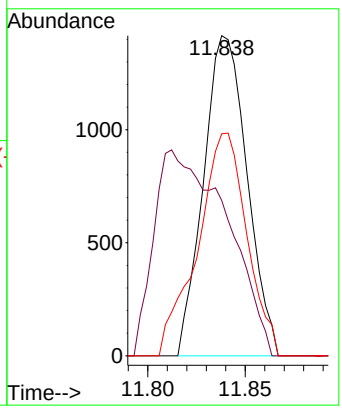




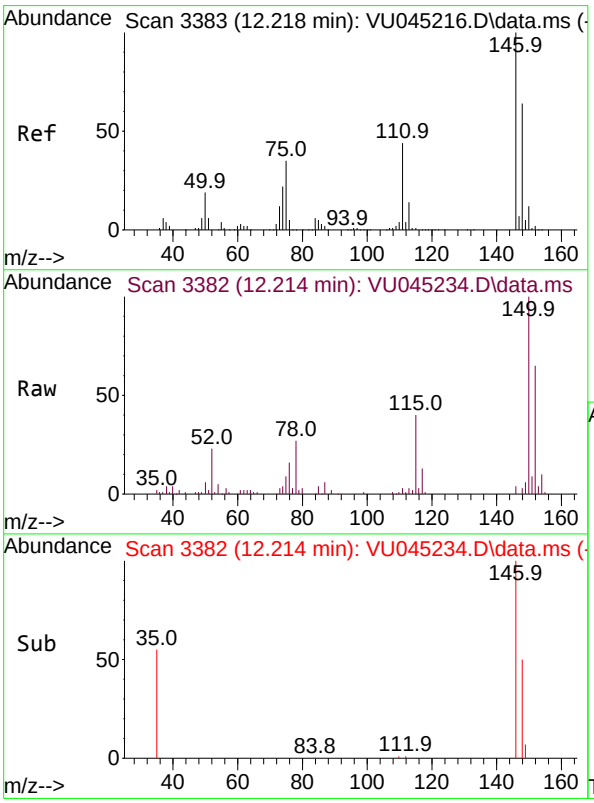
#65
1,4-Dichlorobenzene
Concen: 0.584 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:146 Resp: 2202

Ion	Ratio	Lower	Upper
146	100		
111	43.6	28.5	52.9
148	62.3	45.5	84.5



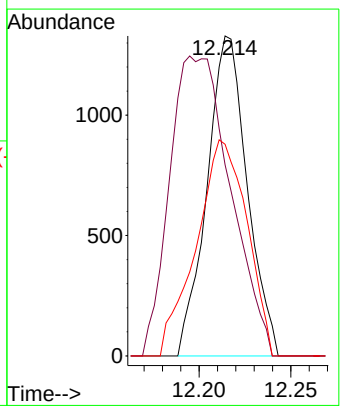
Instrument :
MSVOA_U
ClientSampleId :



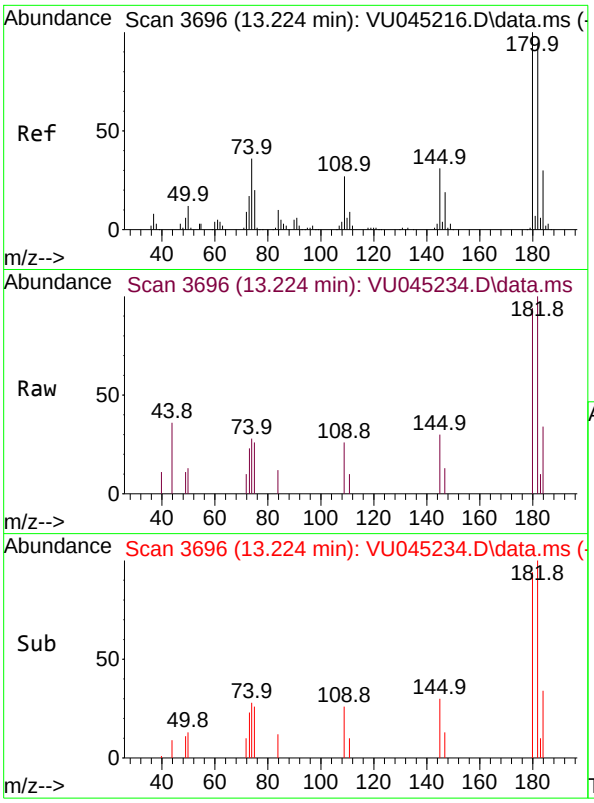
#67
1,2-Dichlorobenzene
Concen: 0.537 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:146 Resp: 2026

Ion	Ratio	Lower	Upper
146	100		
111	59.7	34.7	52.1#
148	66.1	51.0	76.6



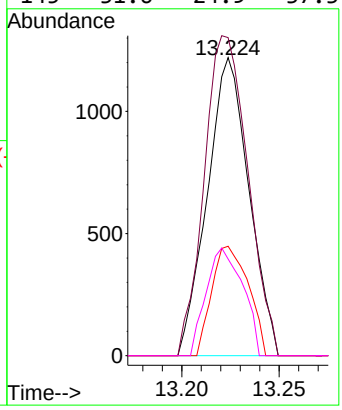
Instrument :
MSVOA_U
ClientSampleId :

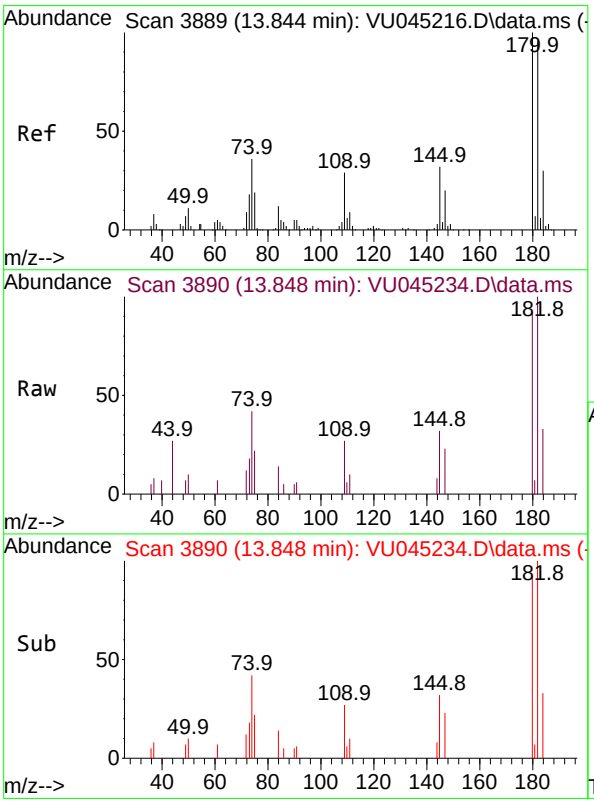


#69
1,3,5-Trichlorobenzene
Concen: 0.711 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:180 Resp: 1814

Ion	Ratio	Lower	Upper
180	100		
182	112.6	76.8	115.2
184	32.2	24.4	36.6
145	31.6	24.9	37.3

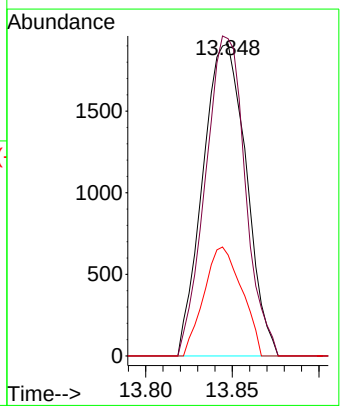




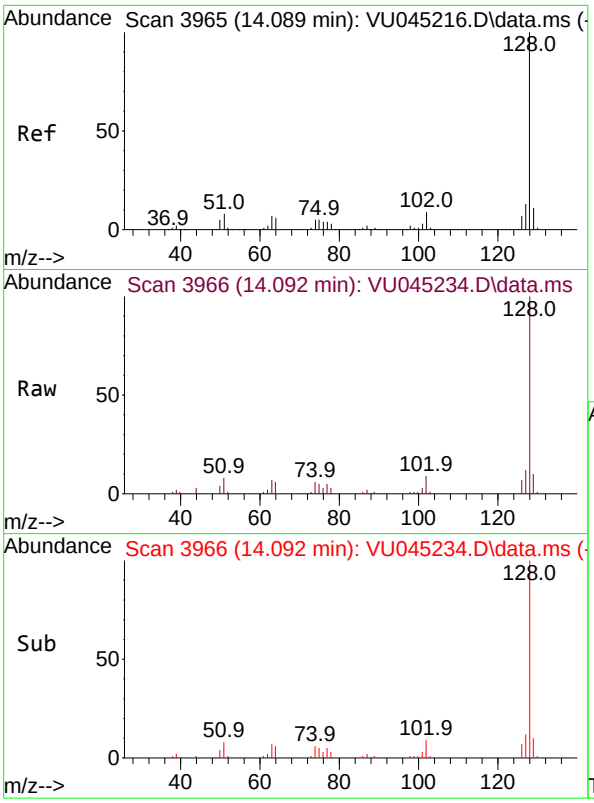
#70
1,2,4-trichlorobenzene
Concen: 1.571 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:180 Resp: 3331

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.2
145	30.5	25.4	38.0



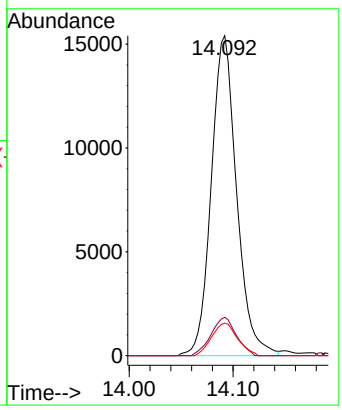
Instrument :
MSVOA_U
ClientSampleId :

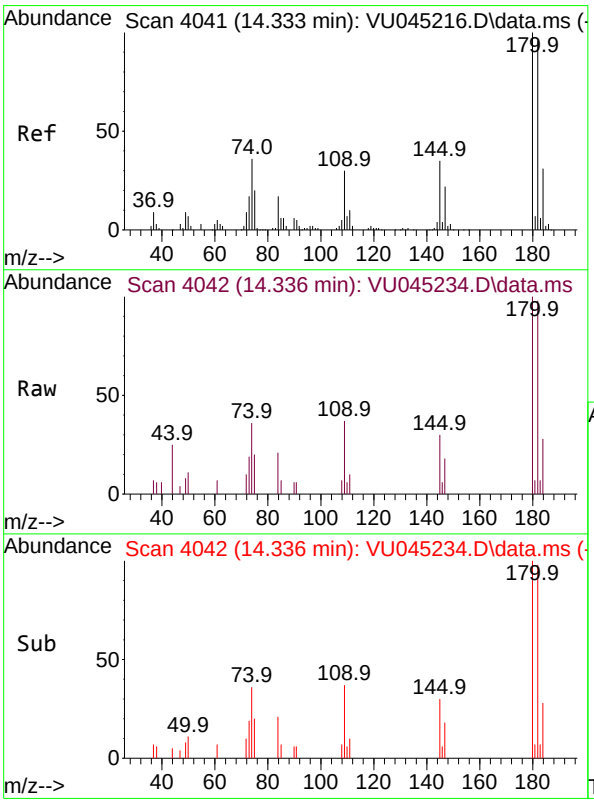


#71
Naphthalene
Concen: 3.556 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:128 Resp: 26123

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





#72
1,2,3-Trichlorobenzene
Concen: 1.784 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045234.D
Acq: 08 Oct 2021 01:51

Tgt Ion:180 Resp: 3869

Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	31.1	26.5	39.7