Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
Data File : VU045346.D
Acq On : 20 Oct 2021 16:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 21 01:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 21 01:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	285901	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	293656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	152108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	52837	42.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.840%			
7) Chloroethane-d5	1.877	69	47444	39.864	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.720%			
11) 1,1-Dichloroethene-d2	2.562	63	111641	45.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.040%			
21) 2-Butanone-d5	4.629	46	200638	107.925	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.930%			
24) Chloroform-d	5.067	84	160638	48.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.703	65	111472	49.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.460%			
32) Benzene-d6	5.729	84	258203	46.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.500%			
36) 1,2-Dichloropropane-d6	6.694	67	104213	48.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.080%			
41) Toluene-d8	7.902	98	222181	47.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.320%			
43) trans-1,3-Dichloroprop...	8.182	79	54390	49.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.820%			
47) 2-Hexanone-d5	8.639	63	160374	119.047	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.050%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	233399	57.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	139019	52.676	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	96359	46.232	ug/L	100
3) Chloromethane	1.520	50	106983	45.359	ug/L	99
5) Vinyl chloride	1.604	62	116368	44.606	ug/L	96
6) Bromomethane	1.829	94	31654	22.930	ug/L	97
8) Chloroethane	1.903	64	79897	48.756	ug/L	99
9) Trichlorofluoromethane	2.118	101	141283	44.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	94373	46.792	ug/L	99
12) 1,1-Dichloroethene	2.568	96	84701	45.556	ug/L	98
13) Acetone	2.633	43	166182	76.774	ug/L	100
14) Carbon disulfide	2.784	76	225737	44.169	ug/L	99
15) Methyl Acetate	2.951	43	132199	49.255	ug/L	100
16) Methylene chloride	3.044	84	118401	49.445	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	92075	46.164	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	355640	51.131	ug/L	100
19) 1,1-Dichloroethane	3.870	63	197070	48.285	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	111925	48.985	ug/L	99
22) 2-Butanone	4.710	43	220872	92.529	ug/L	99
23) Bromochloromethane	4.977	128	55577	49.392	ug/L	98
25) Chloroform	5.092	83	199366	47.986	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
Data File : VU045346.D
Acq On : 20 Oct 2021 16:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 21 01:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 21 01:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	164361	49.531	ug/L	99
29) Cyclohexane	5.388	56	162064	46.477	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	159211	45.951	ug/L	99
31) Carbon tetrachloride	5.526	117	119943	44.830	ug/L	100
33) Benzene	5.777	78	432161	47.272	ug/L	100
34) Trichloroethene	6.546	95	103709	46.006	ug/L	99
35) Methylcyclohexane	6.764	83	169221	47.790	ug/L	99
37) 1,2-Dichloropropane	6.793	63	121236	48.759	ug/L	100
38) Bromodichloromethane	7.112	83	151670	47.160	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	181794	48.836	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	427069	112.622	ug/L	99
42) Toluene	7.973	91	462623	48.508	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	181358	50.951	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	122669	51.475	ug/L	97
46) Tetrachloroethene	8.558	164	71453	45.752	ug/L	99
48) 2-Hexanone	8.690	43	345644	107.970	ug/L	98
49) Dibromochloromethane	8.816	129	119635	51.542	ug/L	98
50) 1,2-Dibromoethane	8.928	107	124969	50.932	ug/L	99
51) Chlorobenzene	9.452	112	297718	49.288	ug/L	100
52) Ethylbenzene	9.574	91	521624	50.401	ug/L	100
53) m,p-Xylene	9.697	106	203438	51.741	ug/L	99
54) o-xylene	10.105	106	206643	52.381	ug/L	96
55) Styrene	10.118	104	363741	54.482	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	237950	56.519	ug/L	98
59) Bromoform	10.298	173	91090	54.628	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	190895	54.655	ug/L	100
61) Isopropylbenzene	10.488	105	535311	51.538	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	462535	53.825	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	470994	54.135	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	239995	51.027	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	240037	50.314	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	248946	52.360	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	47922	49.272	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	162440	50.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	132554	48.858	ug/L	99
71) Naphthalene	14.092	128	483670	53.334	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	136330	50.299	ug/L	99

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

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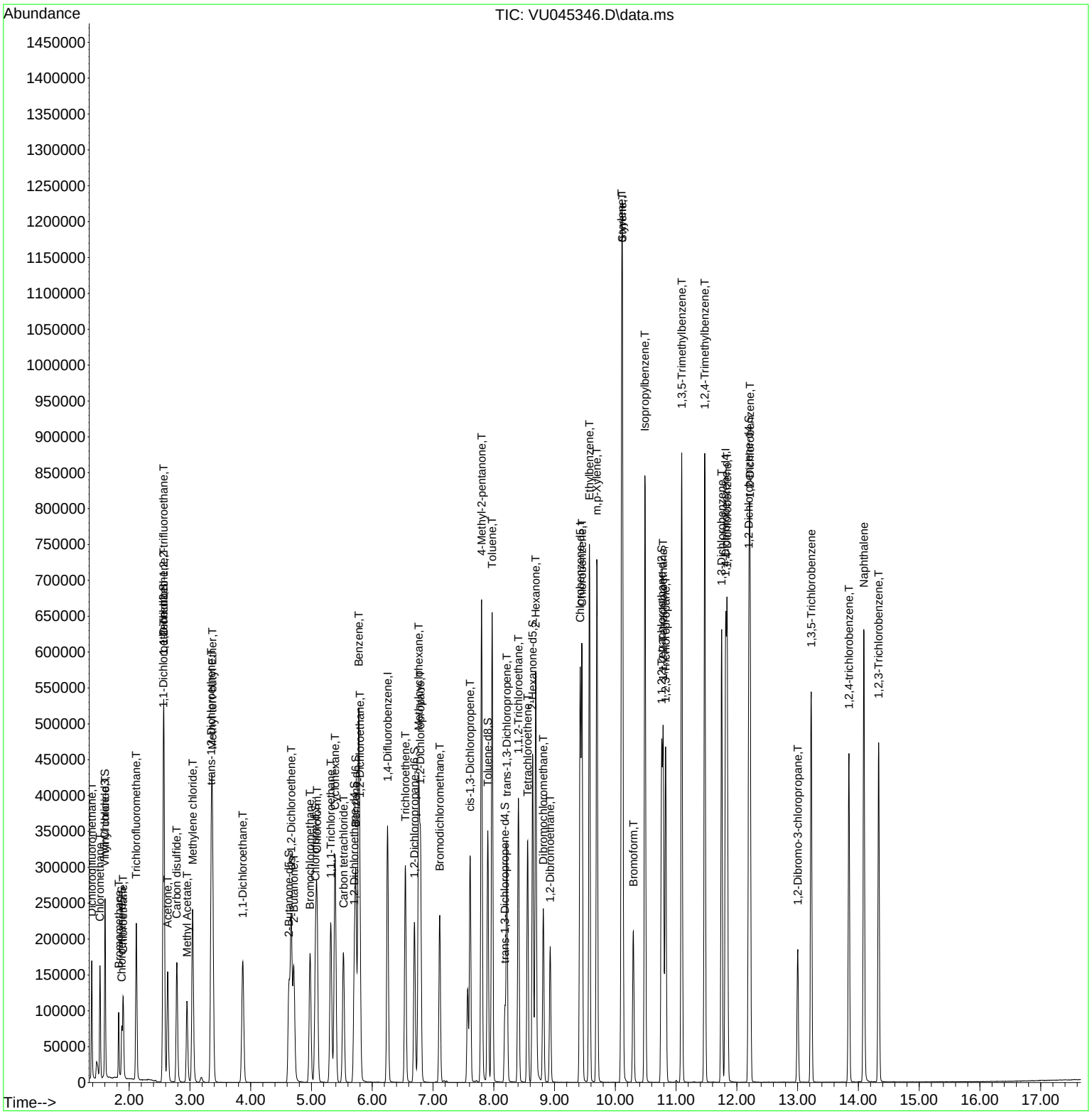
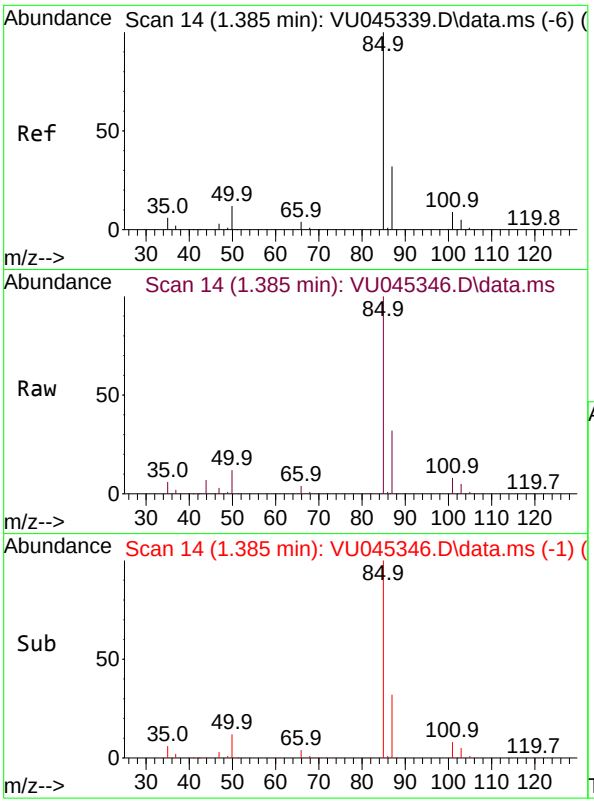
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
Data File : VU045346.D
Acq On : 20 Oct 2021 16:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 21 01:59:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 21 01:57:14 2021
Response via : Initial Calibration



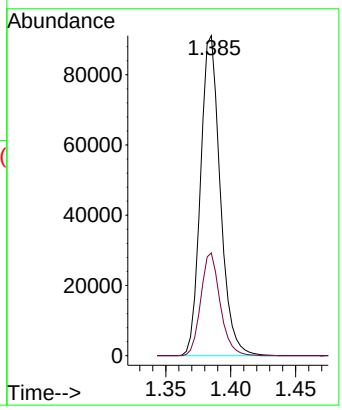
Instrument :
MSVOA_U
ClientSampleId :

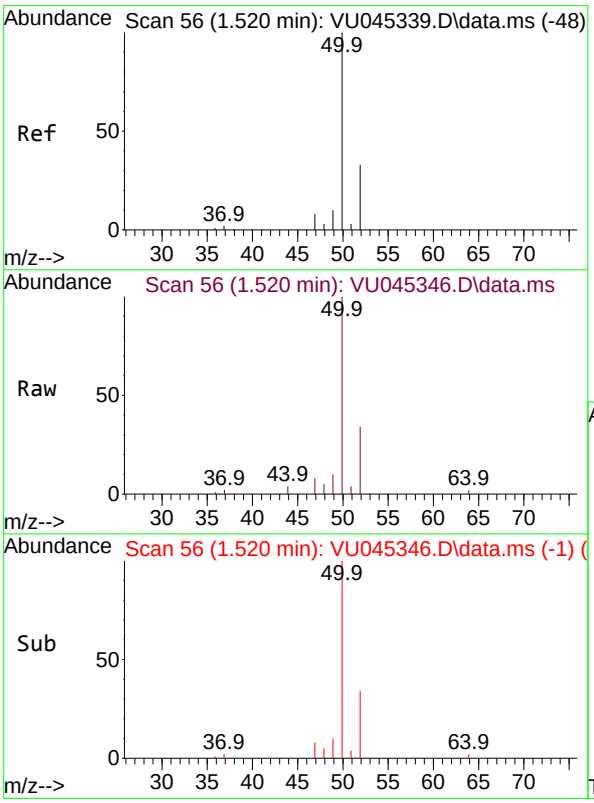


#2
Dichlorodifluoromethane
Concen: 46.232 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 85 Resp: 96359

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.3	37.9

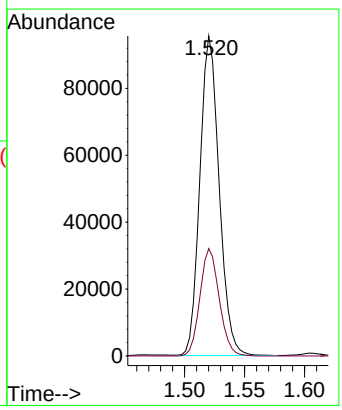


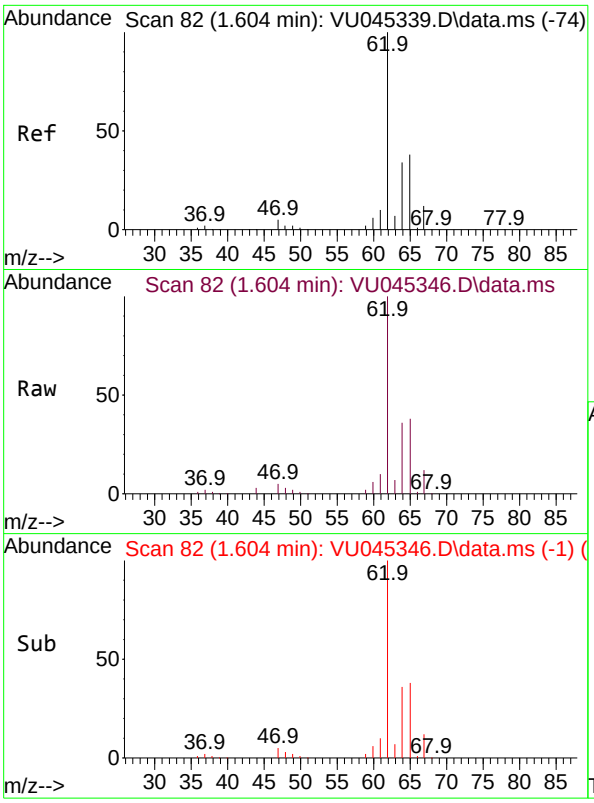


#3
Chloromethane
Concen: 45.359 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 50 Resp: 106983

Ion	Ratio	Lower	Upper
50	100		
52	33.6	23.2	43.0

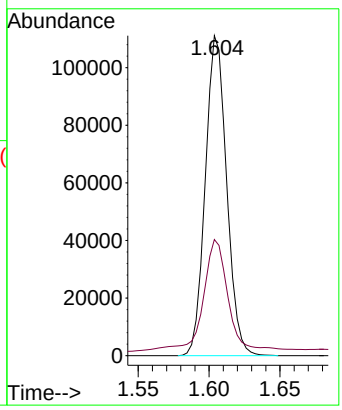




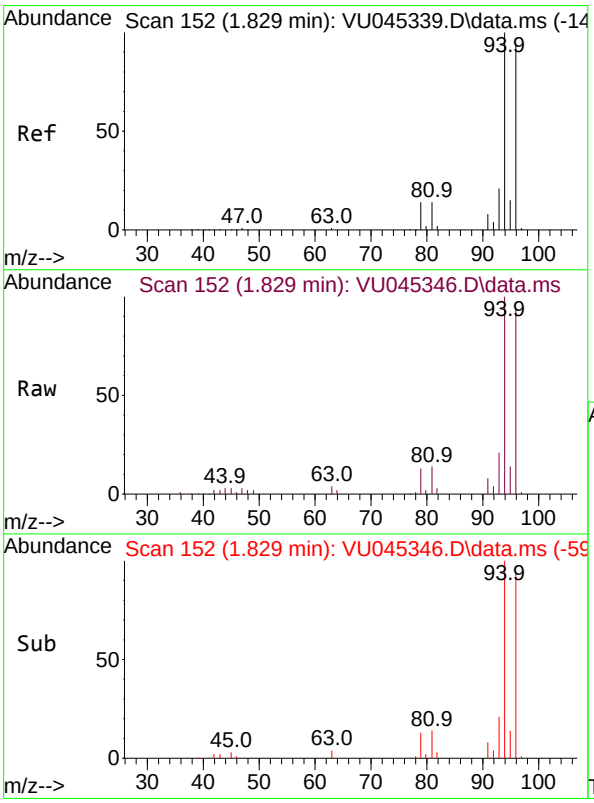
#5
Vinyl chloride
Concen: 44.606 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 62 Resp: 116368

Ion	Ratio	Lower	Upper
62	100		
64	36.3	23.9	44.3



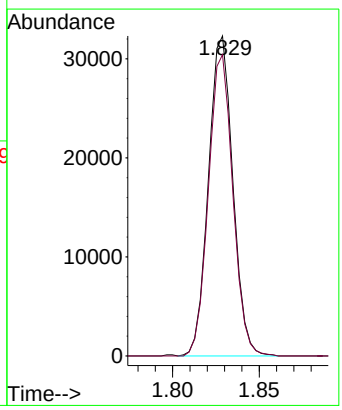
Instrument :
MSVOA_U
ClientSampleId :



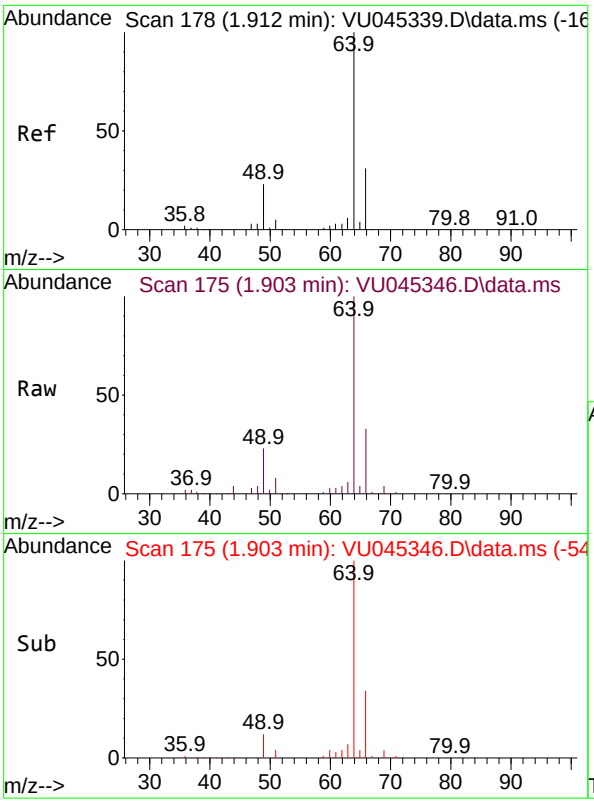
#6
Bromomethane
Concen: 22.930 ug/L
RT: 1.829 min Scan# 152
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 94 Resp: 31654

Ion	Ratio	Lower	Upper
94	100		
96	94.1	64.1	119.1



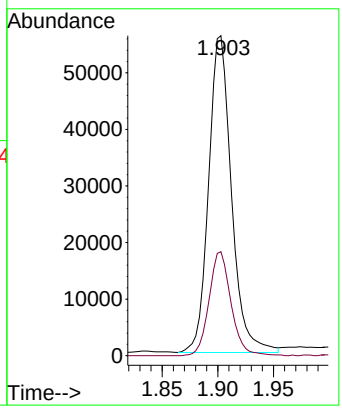
Instrument :
MSVOA_U
ClientSampleId :

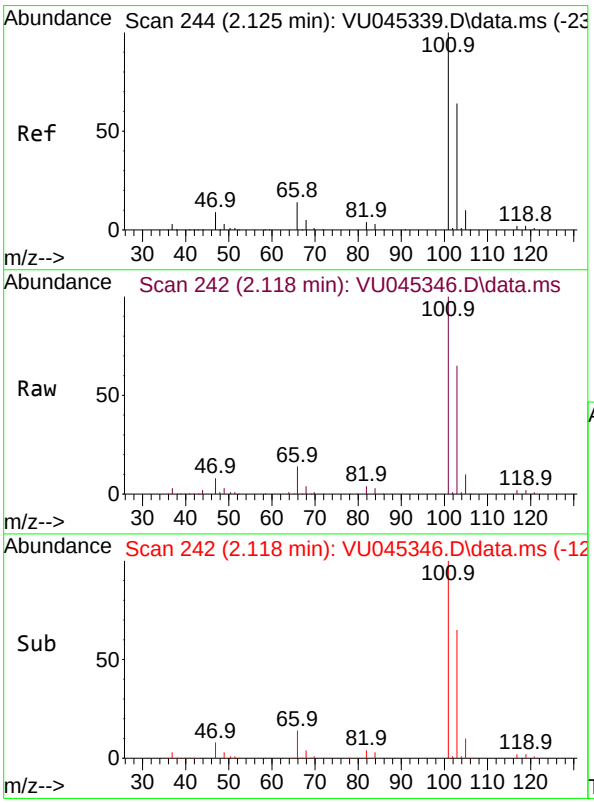


#8
Chloroethane
Concen: 48.756 ug/L
RT: 1.903 min Scan# 175
Delta R.T. -0.010 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 64 Resp: 79897

Ion	Ratio	Lower	Upper
64	100		
66	32.5	22.5	41.9

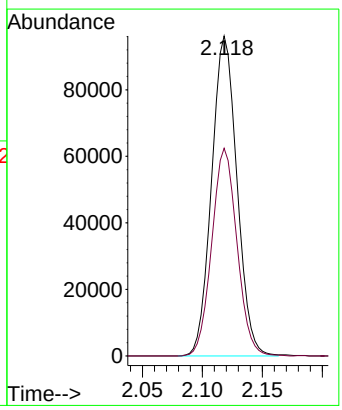




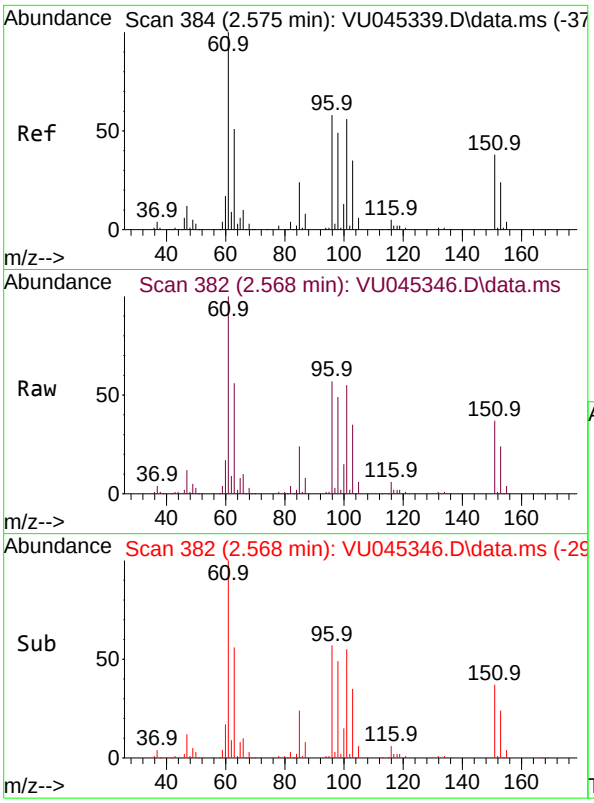
#9
Trichlorofluoromethane
Concen: 44.524 ug/L
RT: 2.118 min Scan# 242
Delta R.T. -0.006 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:101 Resp: 141283

Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.8	76.2



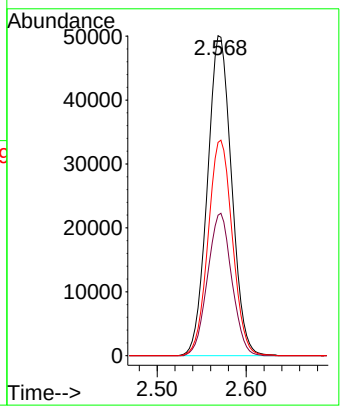
Instrument :
MSVOA_U
ClientSampleId :

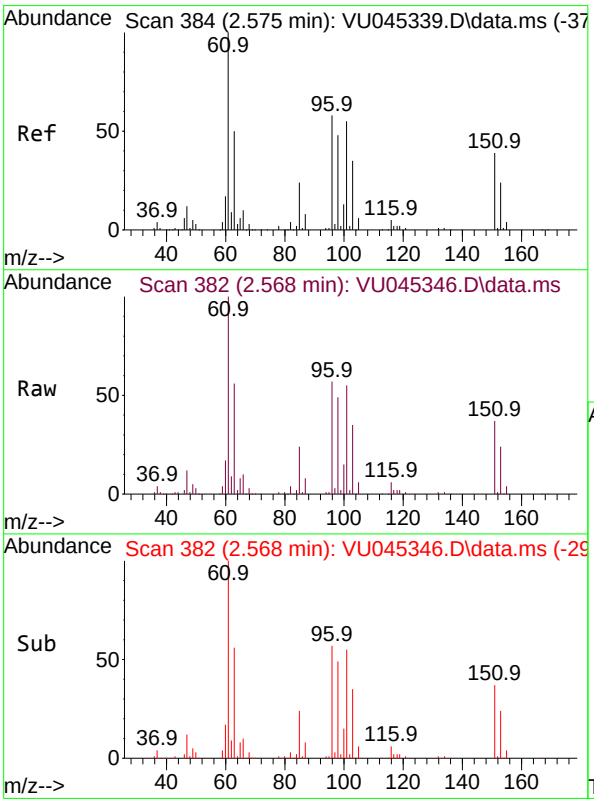


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.792 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:101 Resp: 94373

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.2	52.8
151	67.8	53.9	80.9

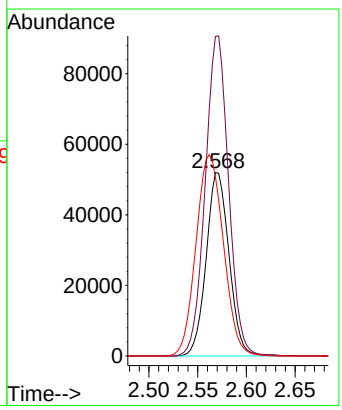




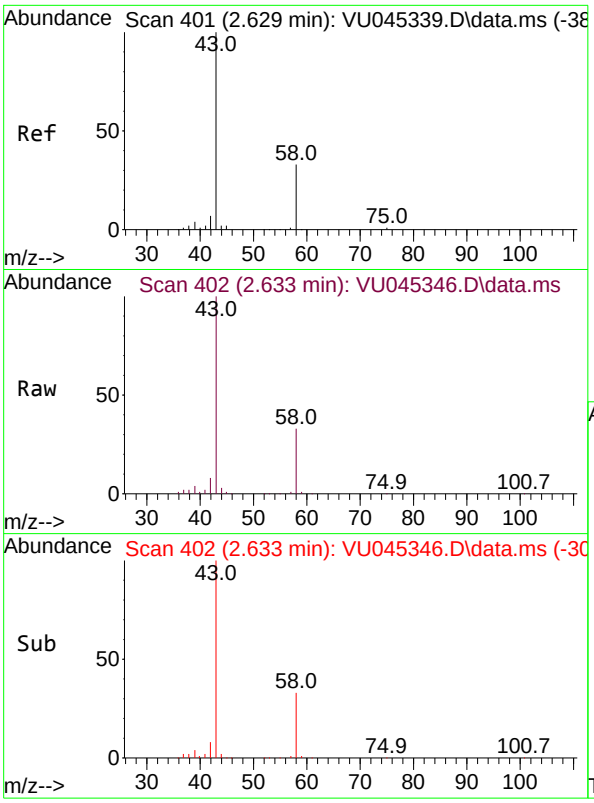
#12
1,1-Dichloroethene
Concen: 45.556 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 96 Resp: 84701

Ion	Ratio	Lower	Upper
96	100		
61	174.2	122.9	228.3
63	97.6	65.3	121.3



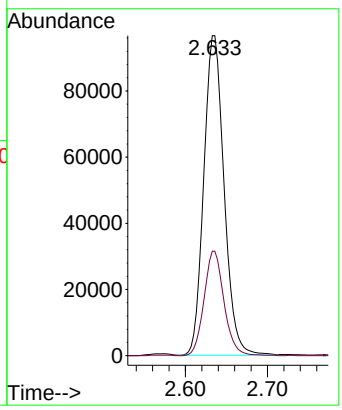
Instrument :
MSVOA_U
ClientSampleId :

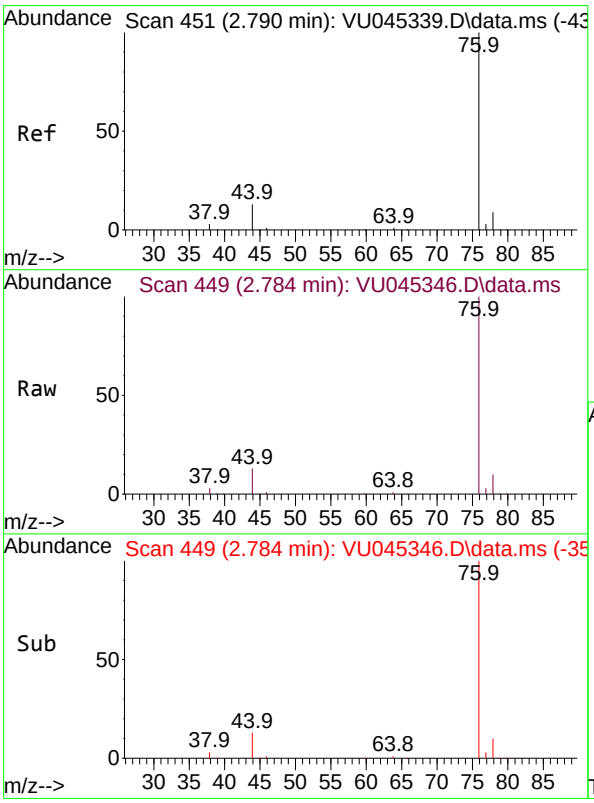


#13
Acetone
Concen: 76.774 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 43 Resp: 166182

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	64.8

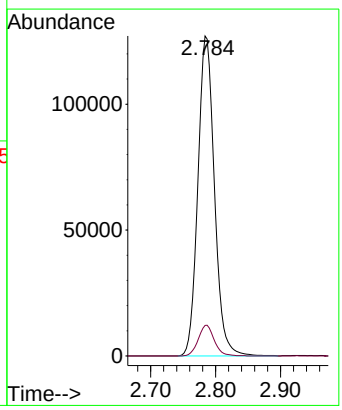


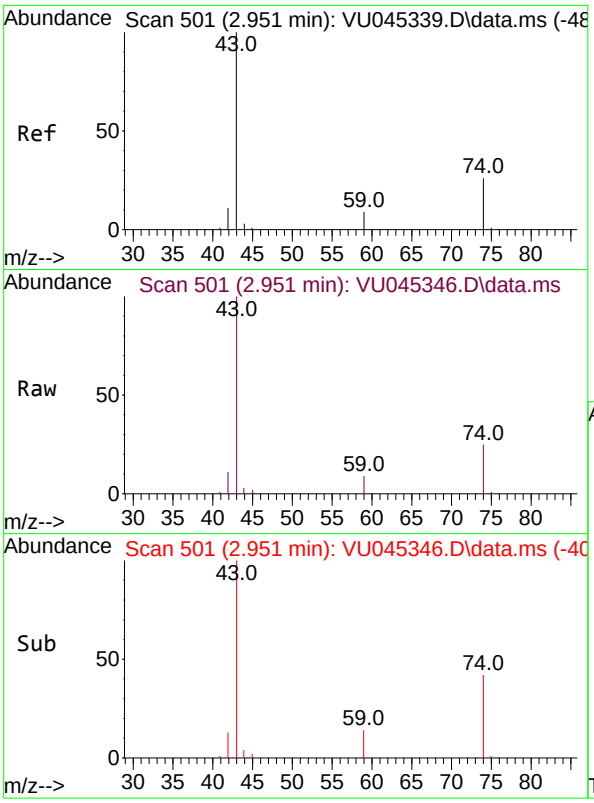


#14
Carbon disulfide
Concen: 44.169 ug/L
RT: 2.784 min Scan# 449
Delta R.T. -0.006 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 76 Resp: 225737

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

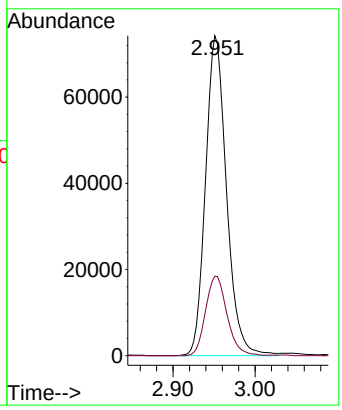




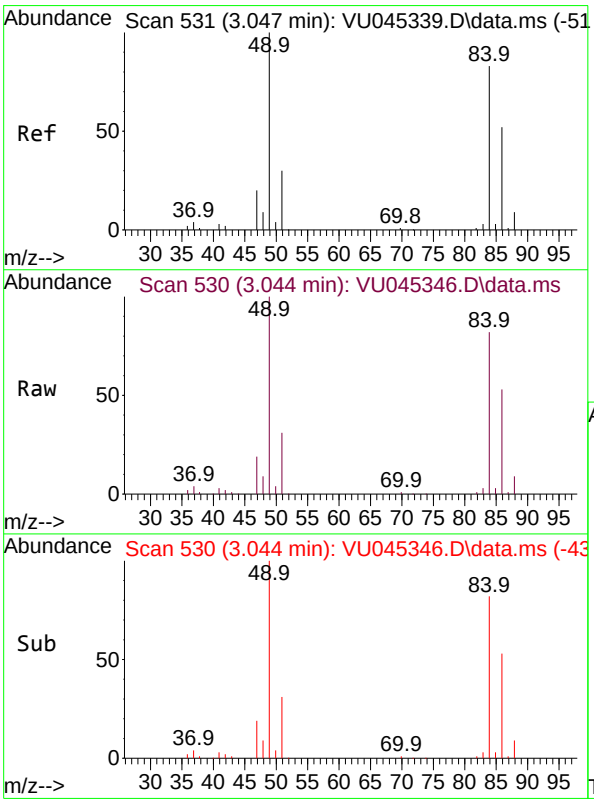
#15
Methyl Acetate
Concen: 49.255 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 43 Resp: 132199

Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.5	30.7



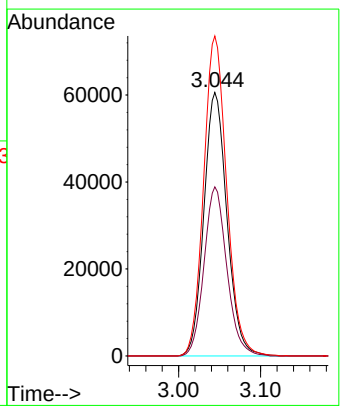
Instrument :
MSVOA_U
ClientSampleId :



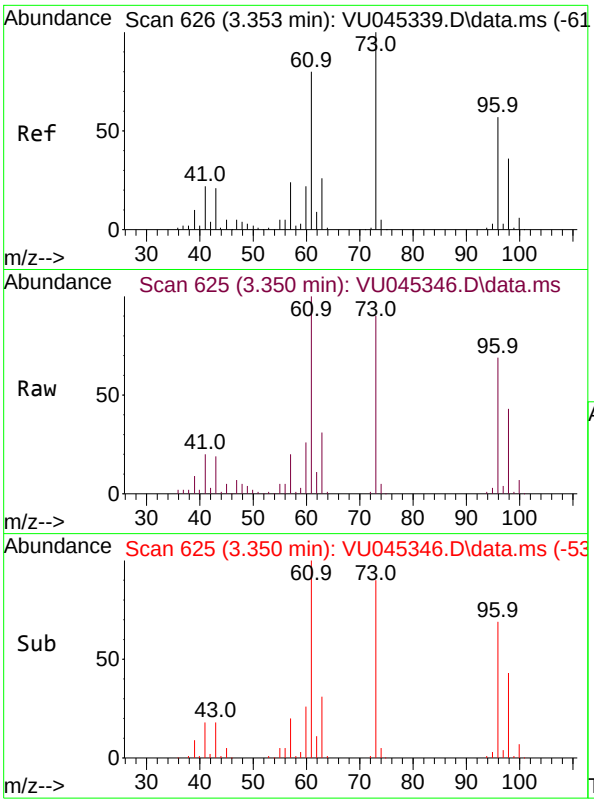
#16
Methylene chloride
Concen: 49.445 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 84 Resp: 118401

Ion	Ratio	Lower	Upper
84	100		
86	64.1	44.1	81.9
49	121.4	84.2	156.4



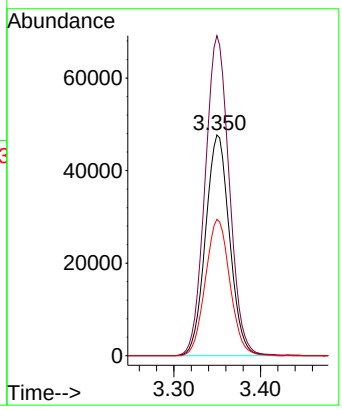
Instrument :
MSVOA_U
ClientSampleId :

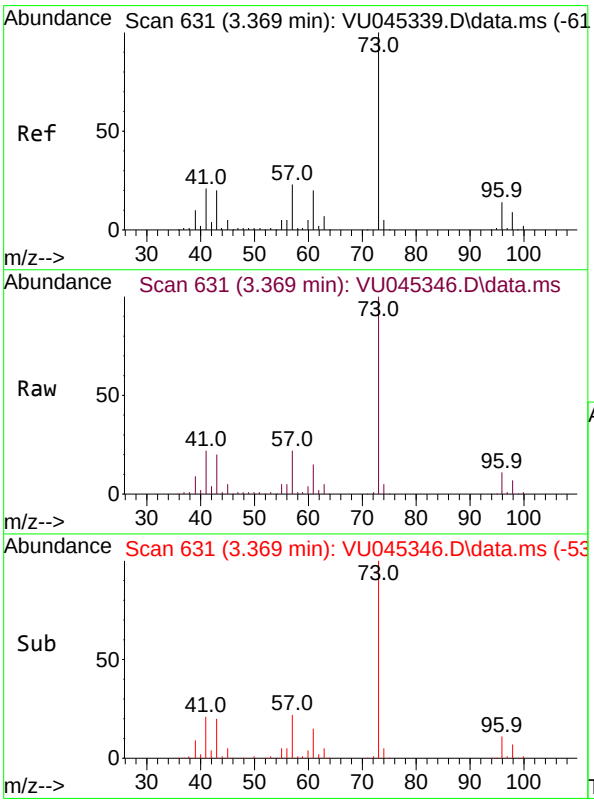


#17
trans-1,2-Dichloroethene
Concen: 46.164 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 96 Resp: 92075

Ion	Ratio	Lower	Upper
96	100		
61	145.0	104.7	194.4
98	61.7	45.8	85.2

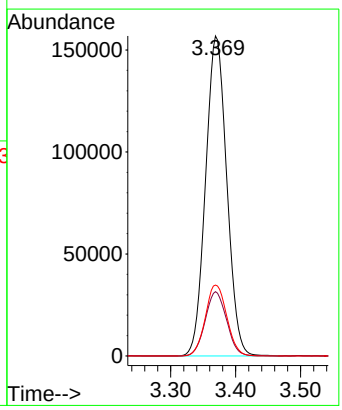




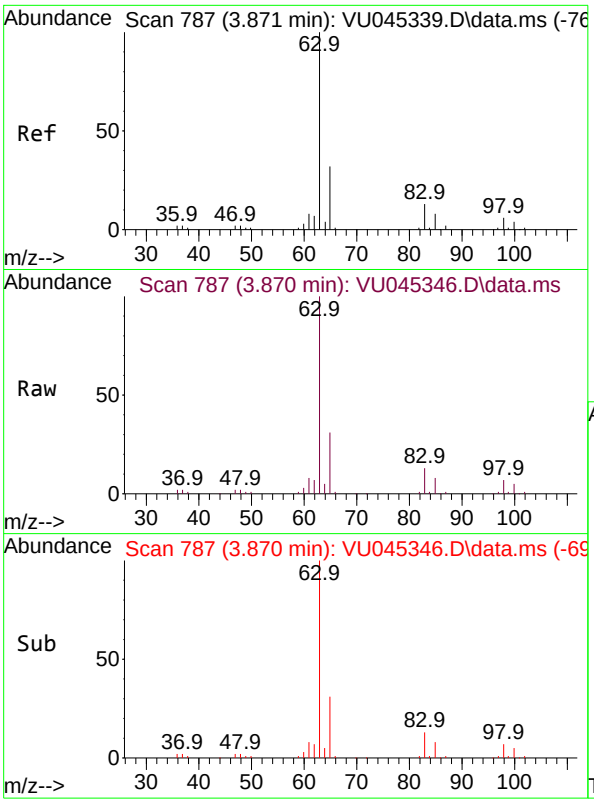
#18
Methyl tert-butyl Ether
Concen: 51.131 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 73 Resp: 355640

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.4
57	22.5	17.9	26.9



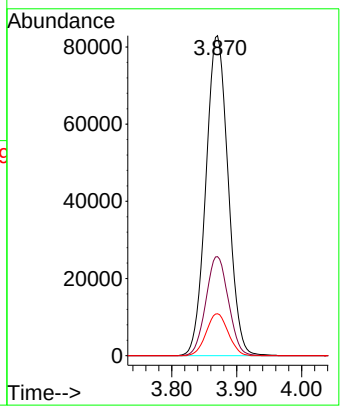
Instrument :
MSVOA_U
ClientSampleId :

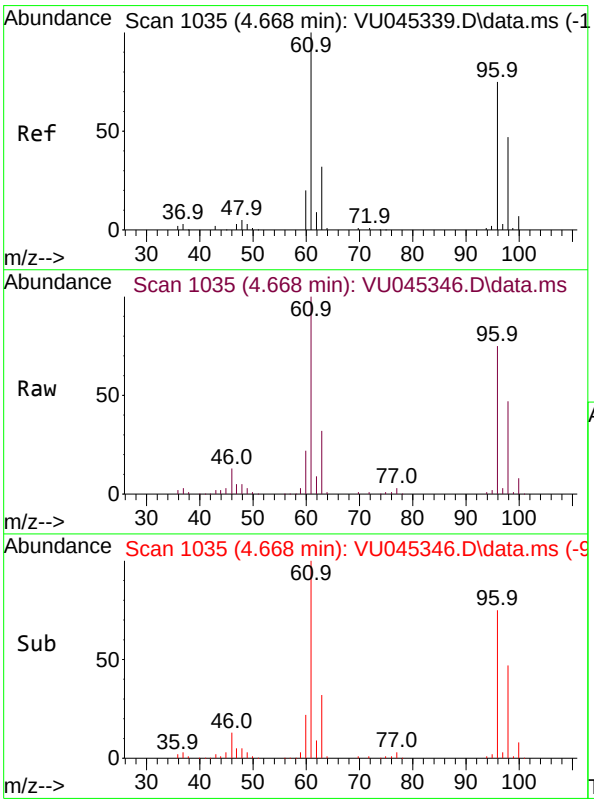


#19
1,1-Dichloroethane
Concen: 48.285 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 63 Resp: 197070

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.5	41.9
83	13.1	8.9	16.5

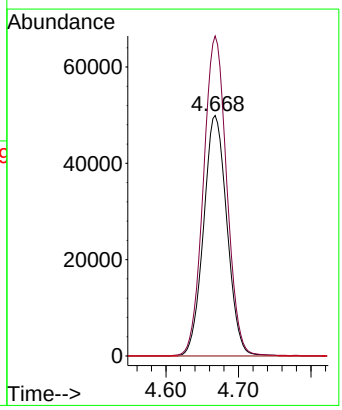




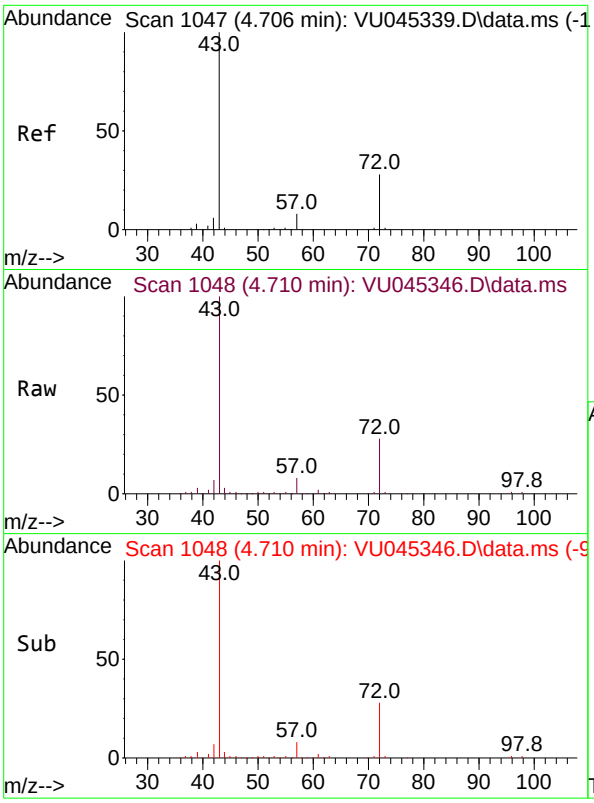
#20
cis-1,2-Dichloroethene
Concen: 48.985 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 96 Resp: 111925

Ion	Ratio	Lower	Upper
96	100		
61	133.0	94.2	175.0
68	0.0	0.0	0.0



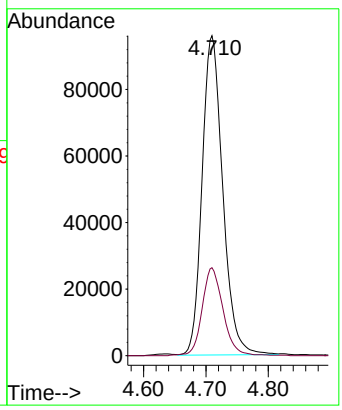
Instrument :
MSVOA_U
ClientSampleId :

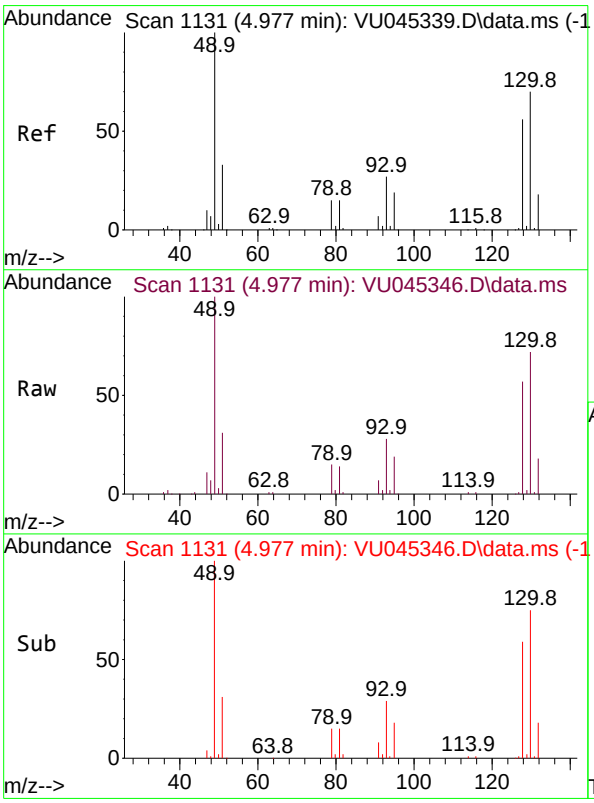


#22
2-Butanone
Concen: 92.529 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 43 Resp: 220872

Ion	Ratio	Lower	Upper
43	100		
72	27.7	14.1	42.2

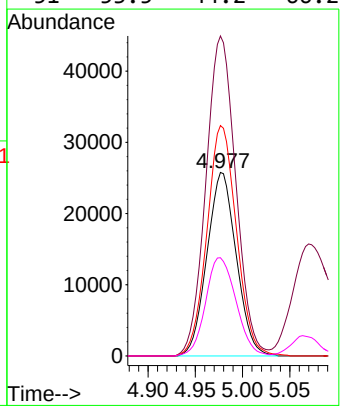


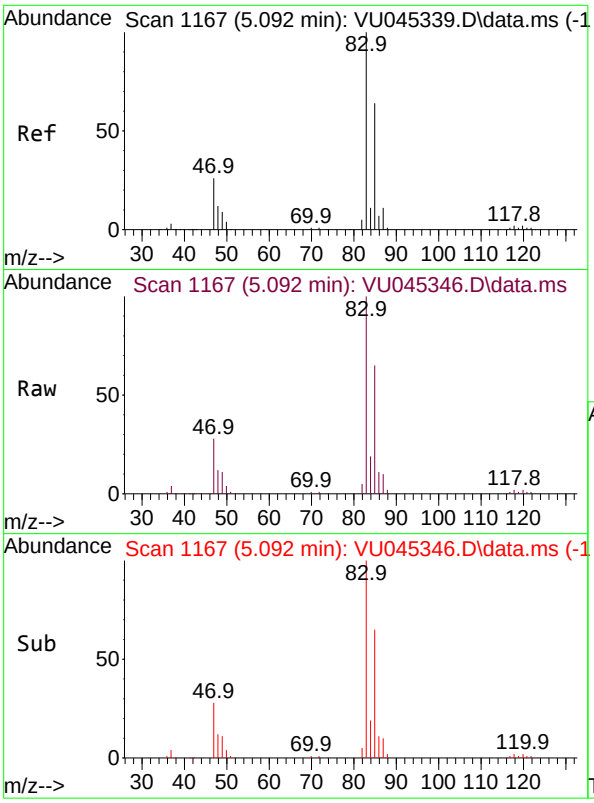


#23
Bromochloromethane
Concen: 49.392 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:128 Resp: 55577

Ion	Ratio	Lower	Upper
128	100		
49	174.4	123.8	229.8
130	125.6	89.8	166.8
51	53.5	44.2	66.2

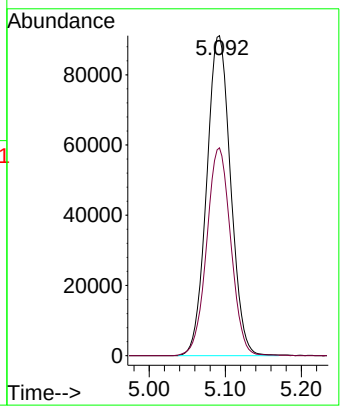




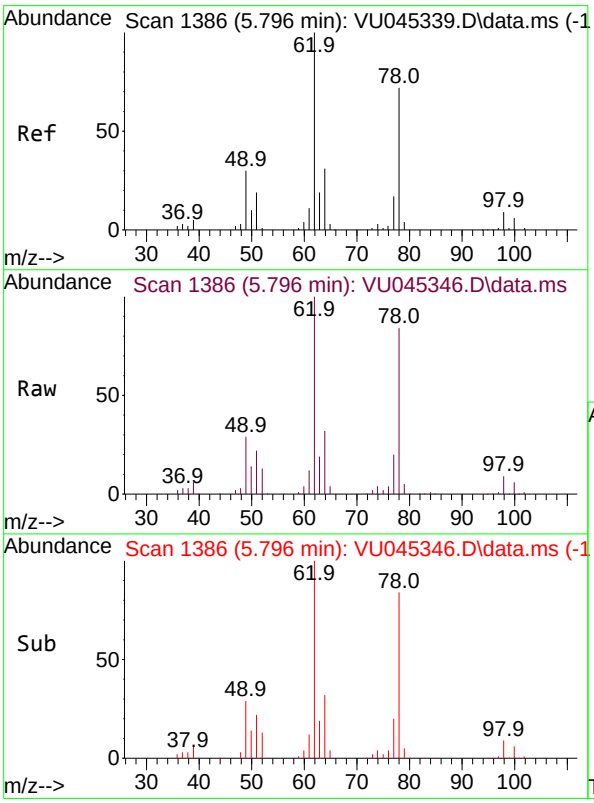
#25
Chloroform
Concen: 47.986 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 83 Resp: 199366

Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.4	84.2



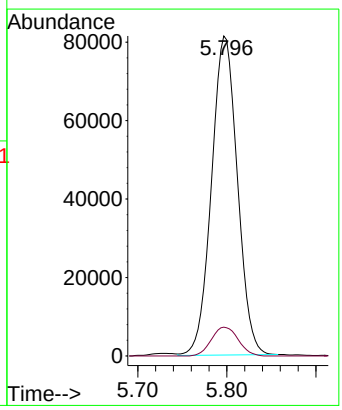
Instrument :
MSVOA_U
ClientSampleId :

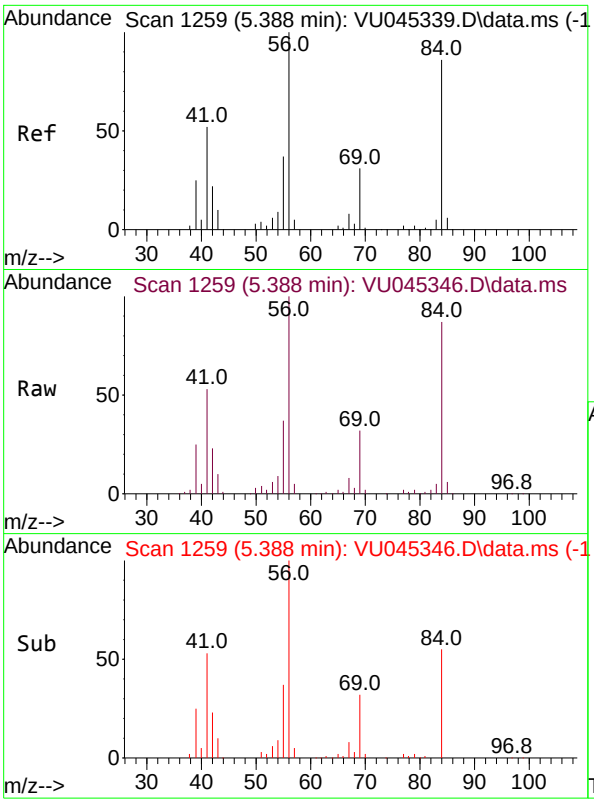


#27
1,2-Dichloroethane
Concen: 49.531 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 62 Resp: 164361

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.4	11.2

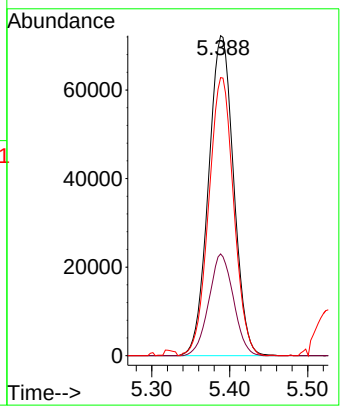




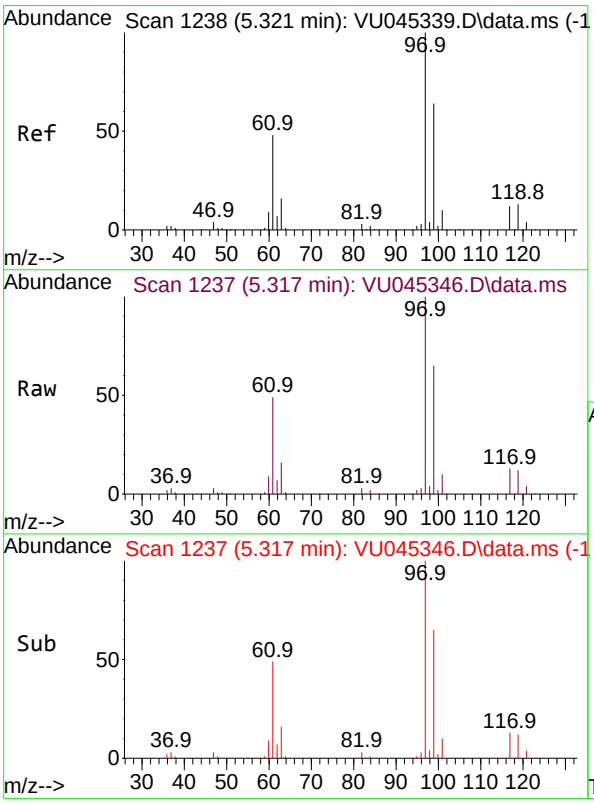
#29
Cyclohexane
Concen: 46.477 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 56 Resp: 162064

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.8	37.2
84	86.3	70.3	105.5



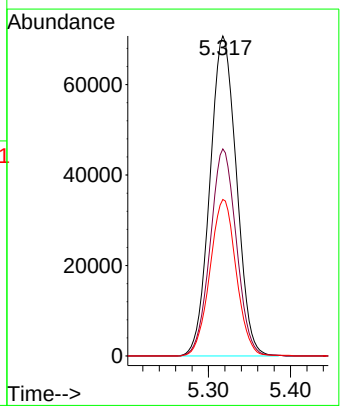
Instrument :
MSVOA_U
ClientSampleId :



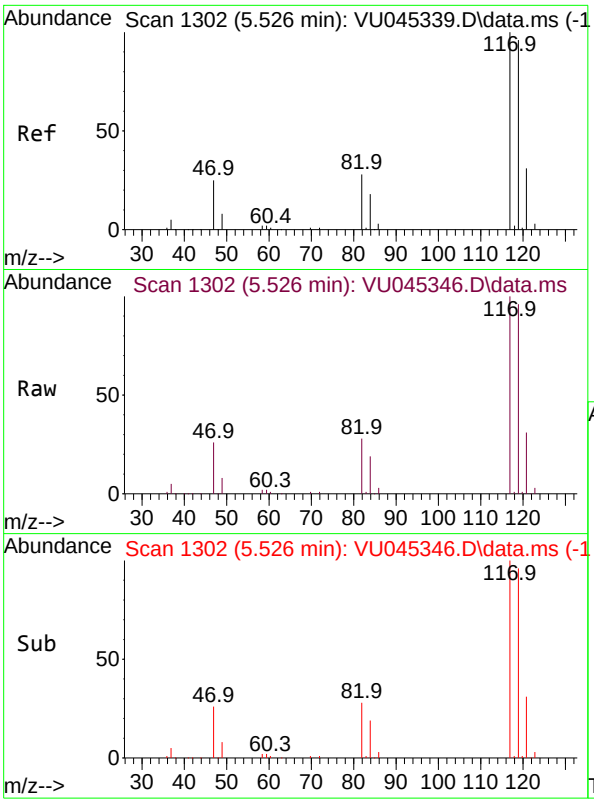
#30
1,1,1-Trichloroethane
Concen: 45.951 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 97 Resp: 159211

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	48.5	39.2	58.8



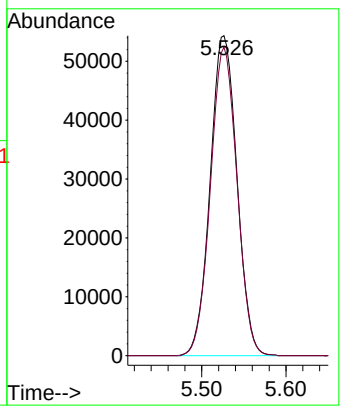
Instrument :
MSVOA_U
ClientSampleId :

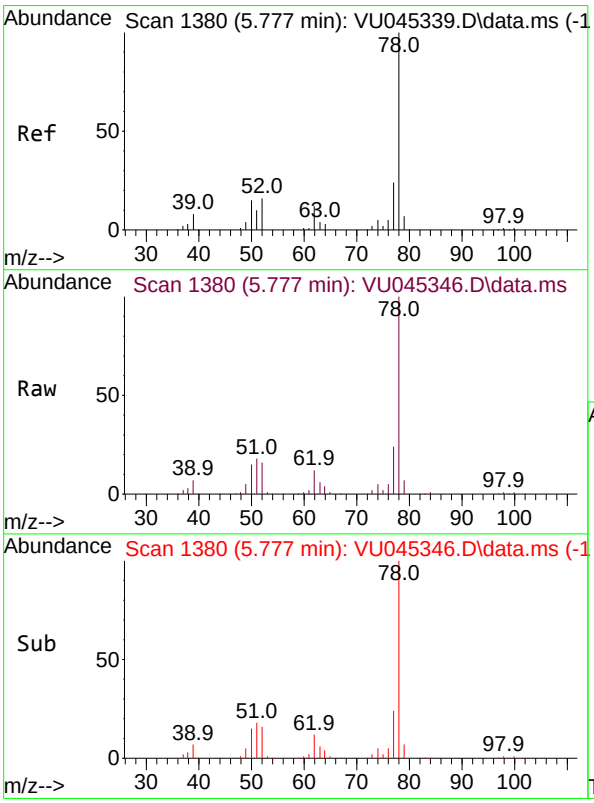


#31
Carbon tetrachloride
Concen: 44.830 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:117 Resp: 119943

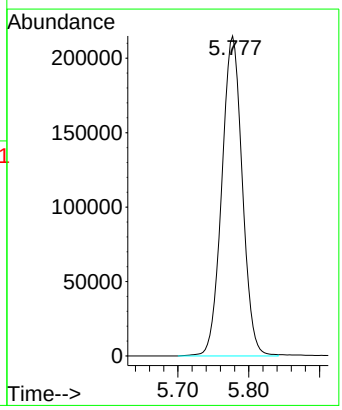
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1

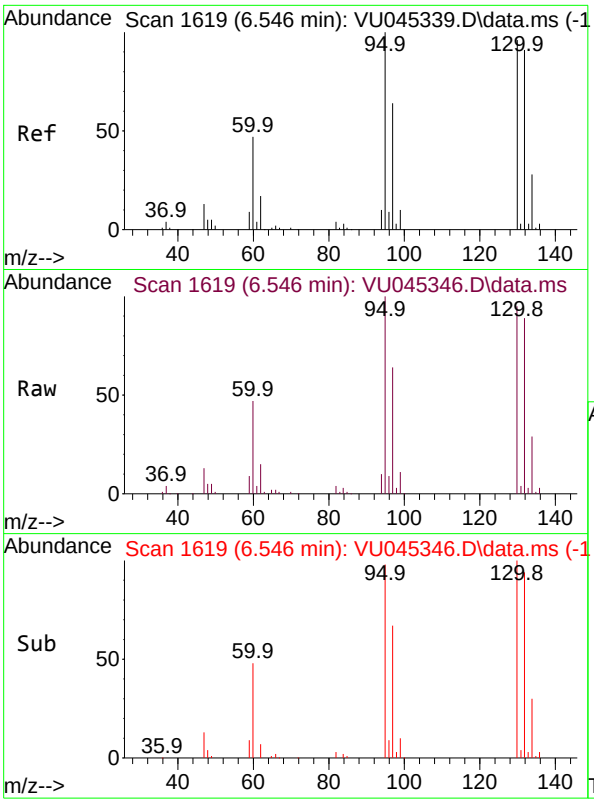




#33
Benzene
Concen: 47.272 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 78 Resp: 432161

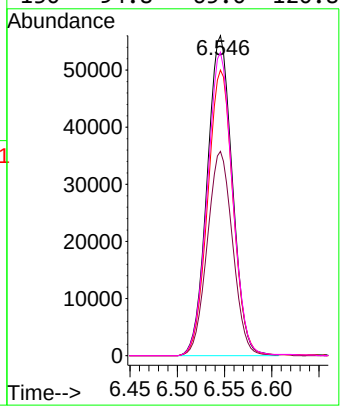




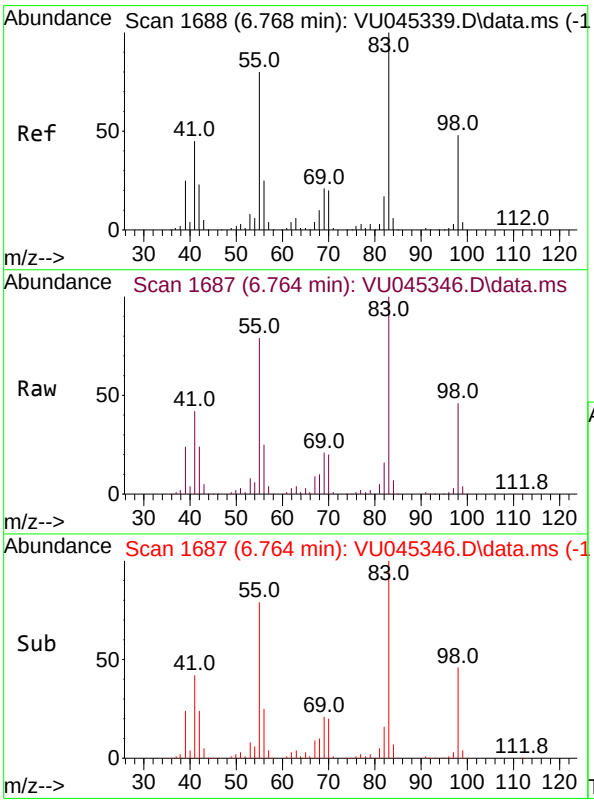
#34
Trichloroethene
Concen: 46.006 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 95 Resp: 103709

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.9	83.3
132	89.2	63.0	117.0
130	94.8	65.0	120.8



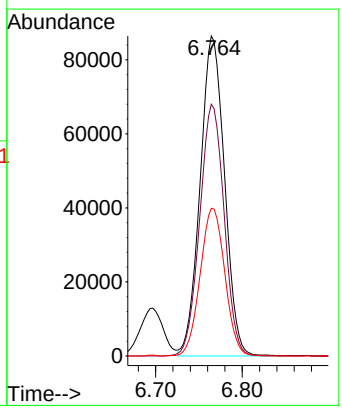
Instrument :
MSVOA_U
ClientSampleId :



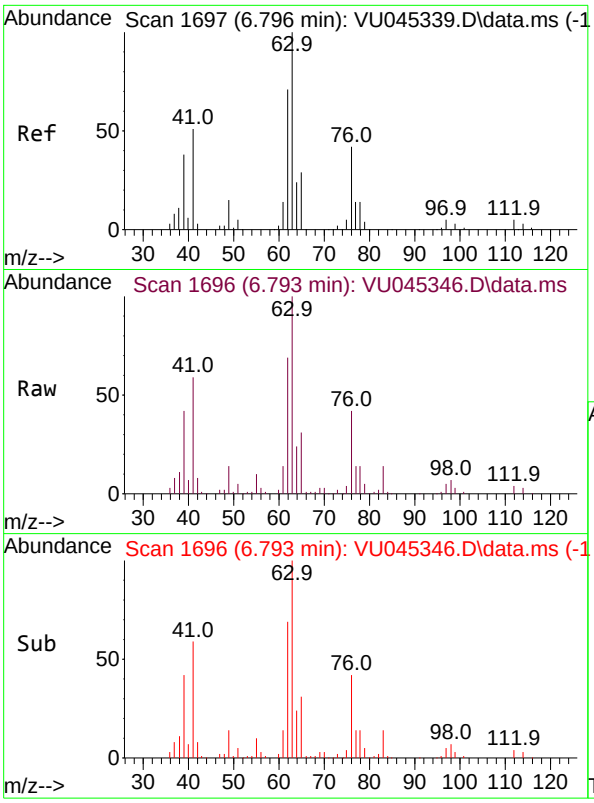
#35
Methylcyclohexane
Concen: 47.790 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 83 Resp: 169221

Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.4	95.0
98	46.6	37.9	56.9



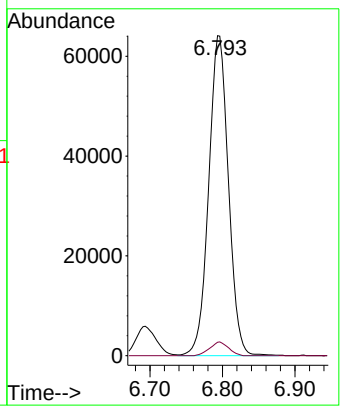
Instrument :
MSVOA_U
ClientSampleId :

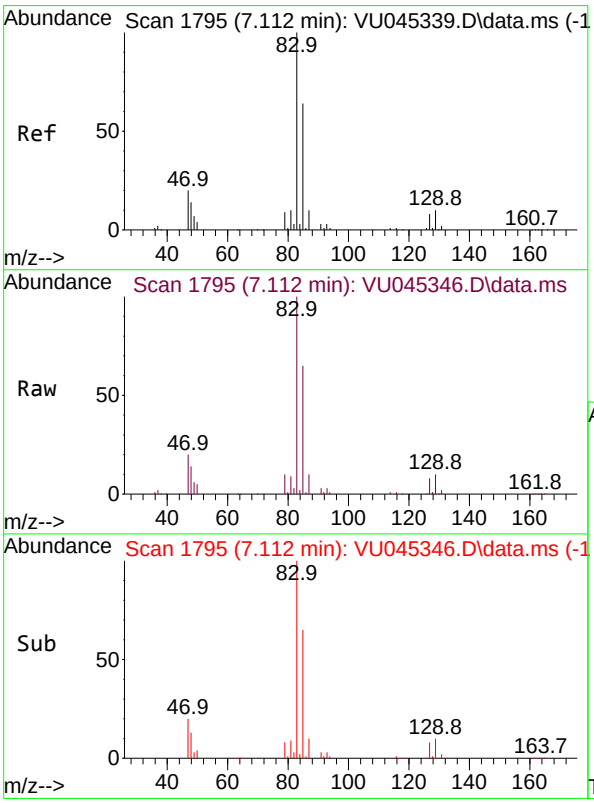


#37
1,2-Dichloropropane
Concen: 48.759 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 63 Resp: 121236

Ion	Ratio	Lower	Upper
63	100		
112	4.1	3.3	4.9

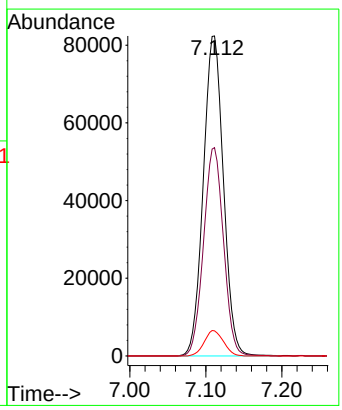




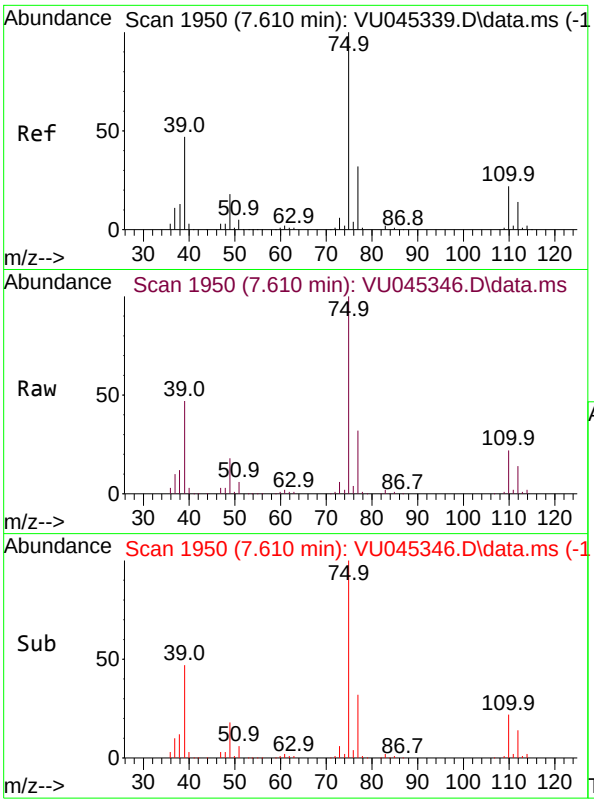
#38
Bromodichloromethane
Concen: 47.160 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 83 Resp: 151670

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.5	84.5
127	7.8	6.3	9.5



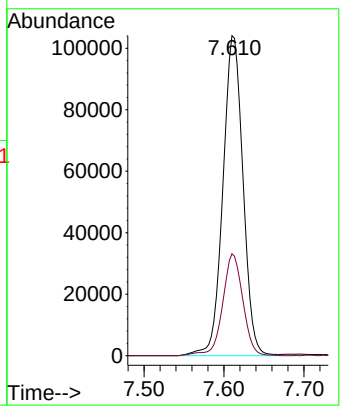
Instrument :
MSVOA_U
ClientSampleId :

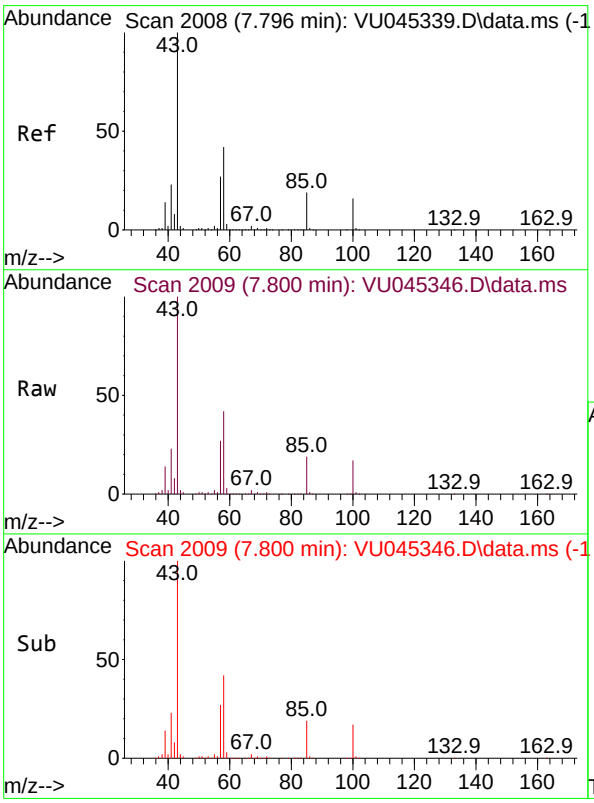


#39
cis-1,3-Dichloropropene
Concen: 48.836 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 75 Resp: 181794

Ion	Ratio	Lower	Upper
75	100		
77	31.9	21.6	40.0

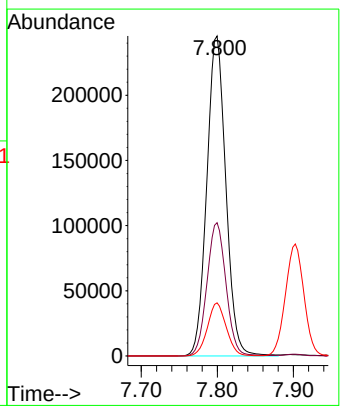




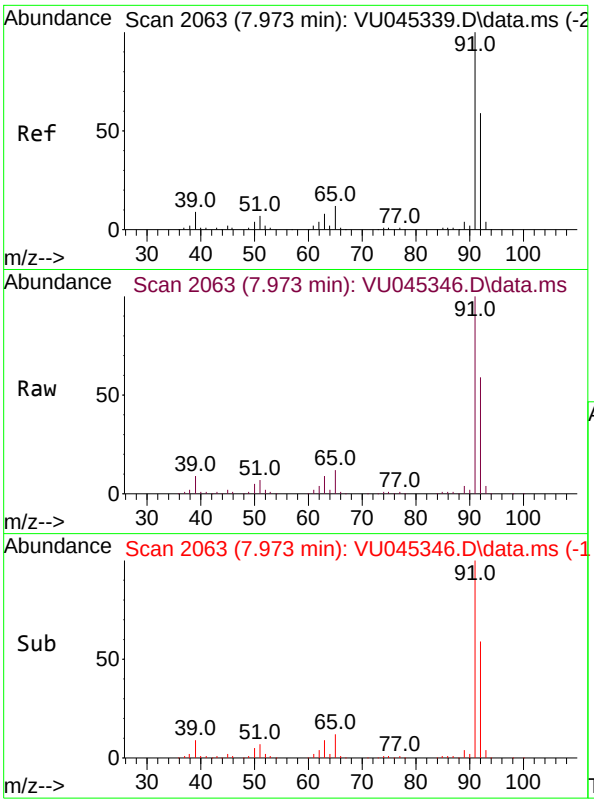
#40
4-Methyl-2-pentanone
Concen: 112.622 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 43 Resp: 427069

Ion	Ratio	Lower	Upper
43	100		
58	41.7	33.7	50.5
100	16.4	13.0	19.4



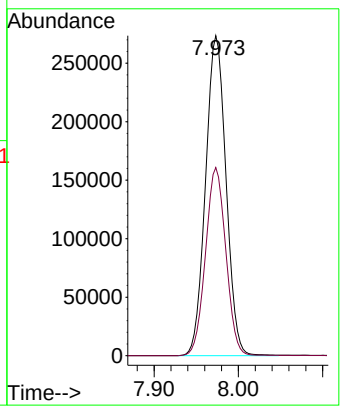
Instrument :
MSVOA_U
ClientSampleId :

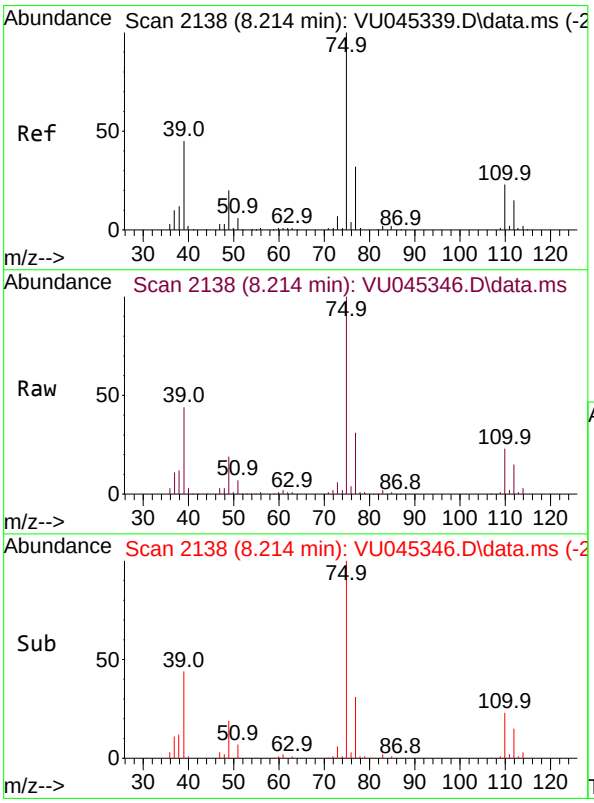


#42
Toluene
Concen: 48.508 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 91 Resp: 462623

Ion	Ratio	Lower	Upper
91	100		
92	58.8	41.2	76.6

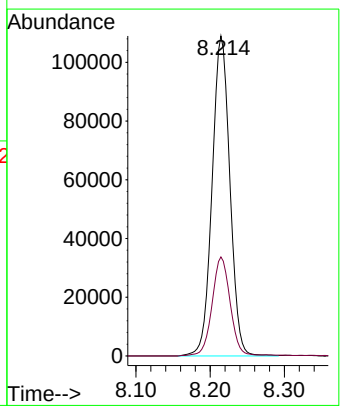


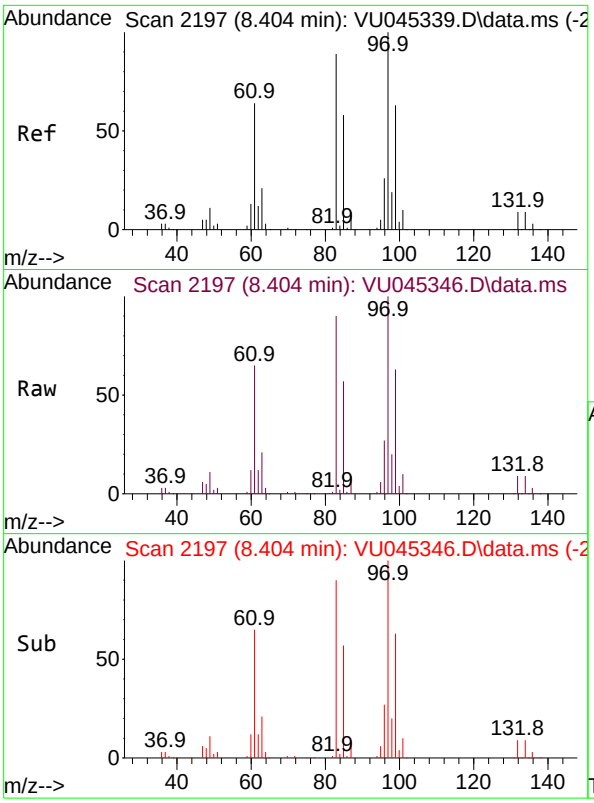


#44
trans-1,3-Dichloropropene
Concen: 50.951 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 75 Resp: 181358

Ion	Ratio	Lower	Upper
75	100		
77	30.9	22.5	41.9

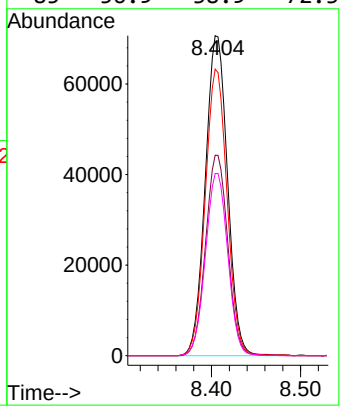




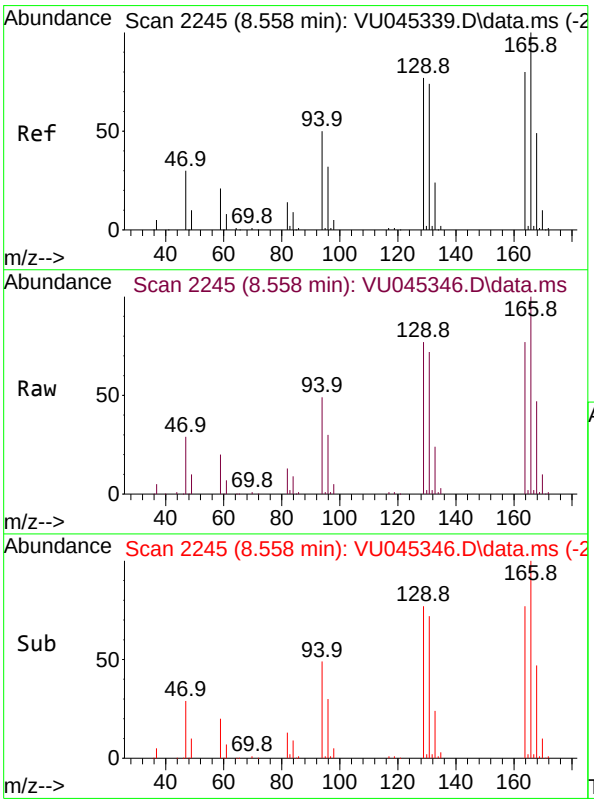
#45
1,1,2-Trichloroethane
Concen: 51.475 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 97 Resp: 122669

Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.0	80.0
83	89.6	60.1	111.5
85	56.9	38.9	72.3



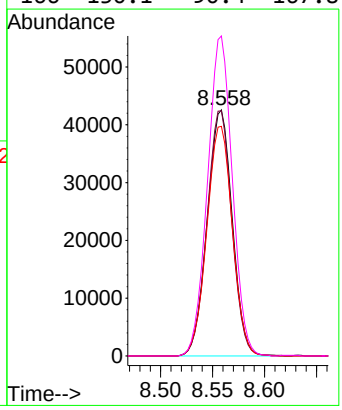
Instrument :
MSVOA_U
ClientSampleId :

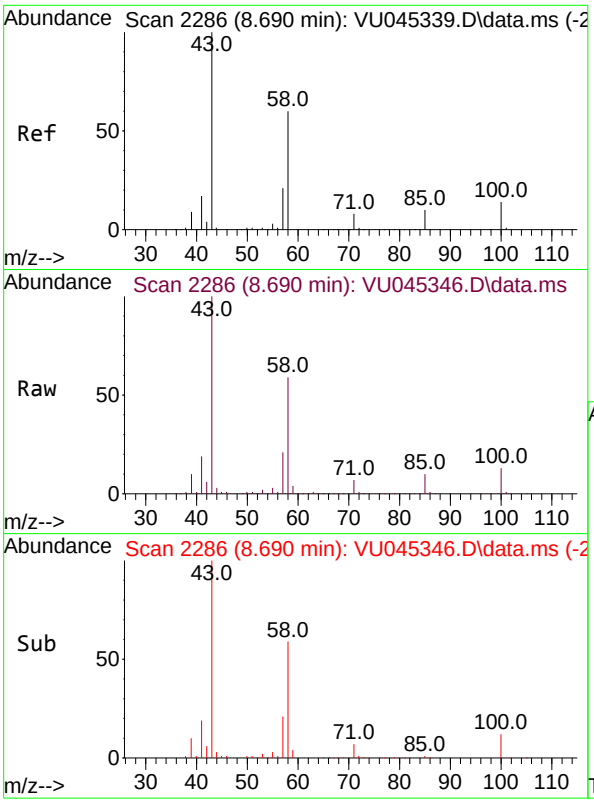


#46
Tetrachloroethene
Concen: 45.752 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:164 Resp: 71453

Ion	Ratio	Lower	Upper
164	100		
129	99.6	69.6	129.2
131	93.3	67.5	125.4
166	130.1	90.4	167.8

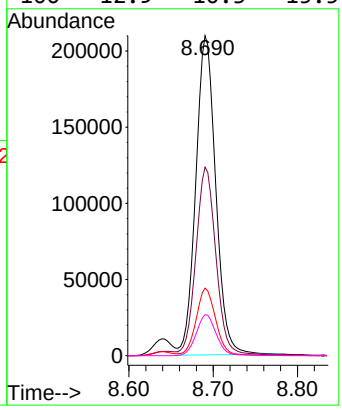




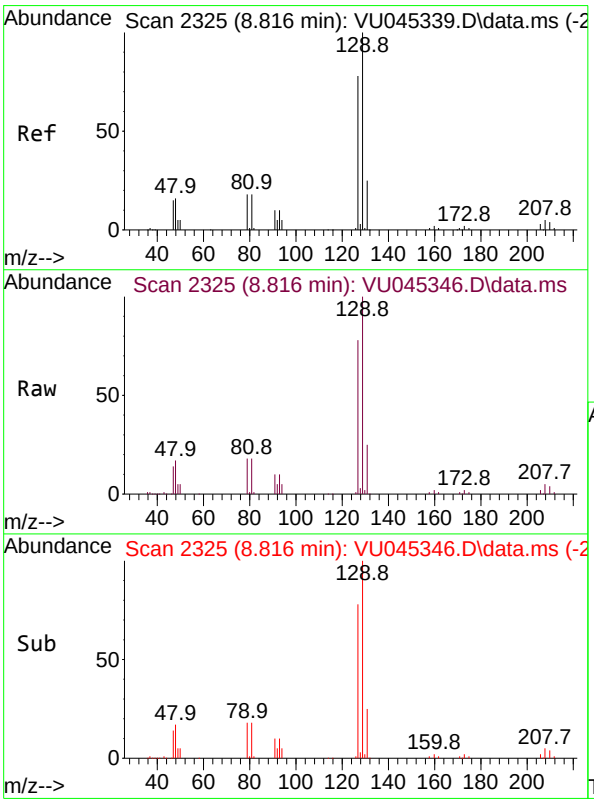
#48
2-Hexanone
Concen: 107.970 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 43 Resp: 345644

Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.4	68.0
57	20.8	16.0	24.0
100	12.9	10.3	15.5



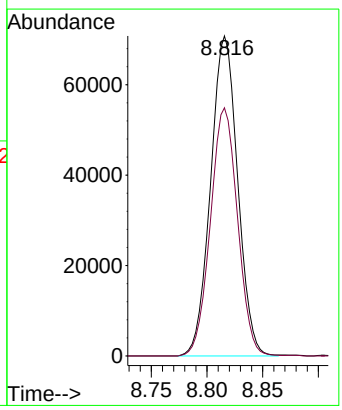
Instrument :
MSVOA_U
ClientSampleId :



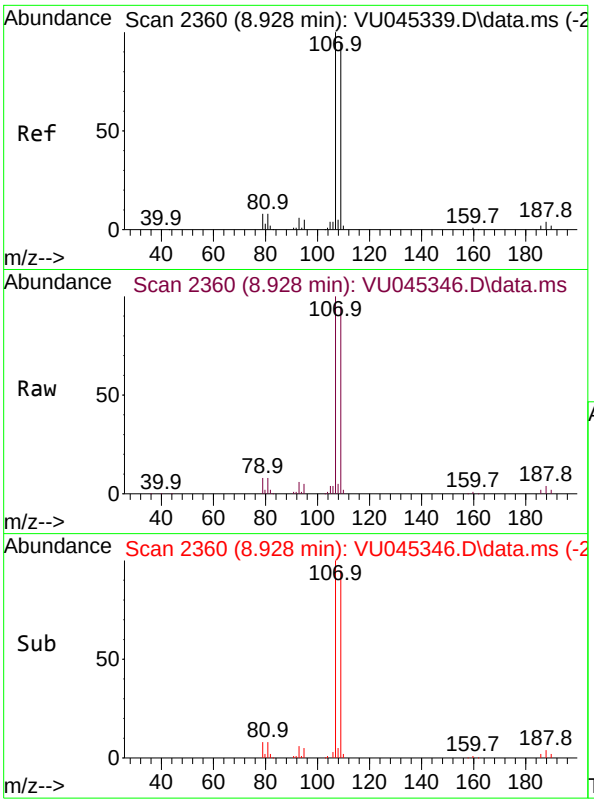
#49
Dibromochloromethane
Concen: 51.542 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:129 Resp: 119635

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.3	102.7



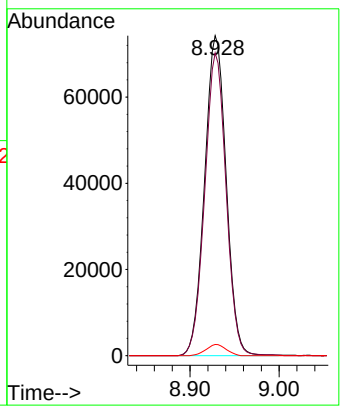
Instrument :
MSVOA_U
ClientSampleId :

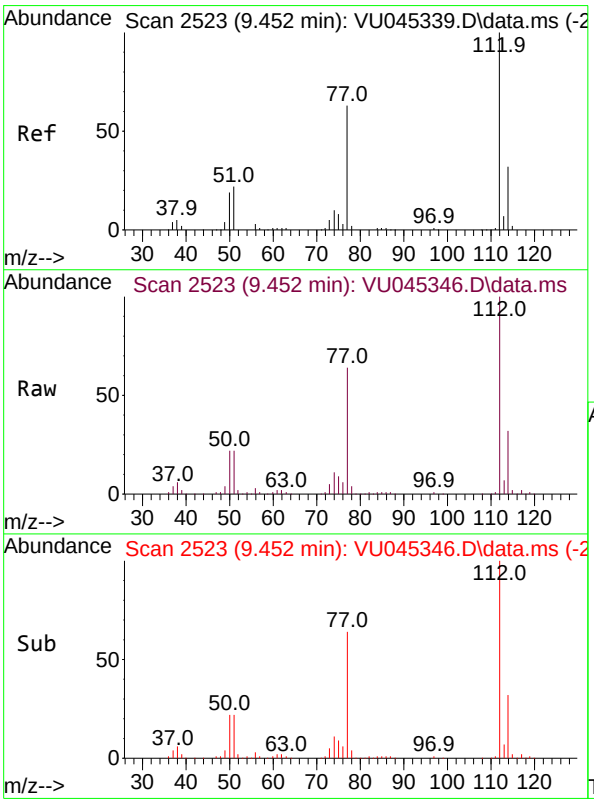


#50
1,2-Dibromoethane
Concen: 50.932 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:107 Resp: 124969

Ion	Ratio	Lower	Upper
107	100		
109	94.6	66.6	123.6
188	3.5	2.6	4.0

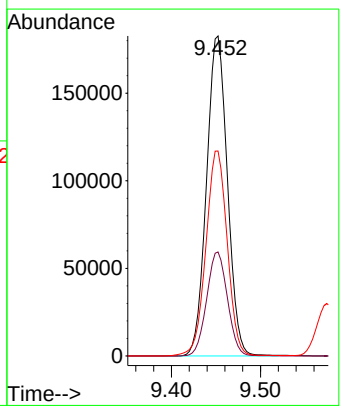




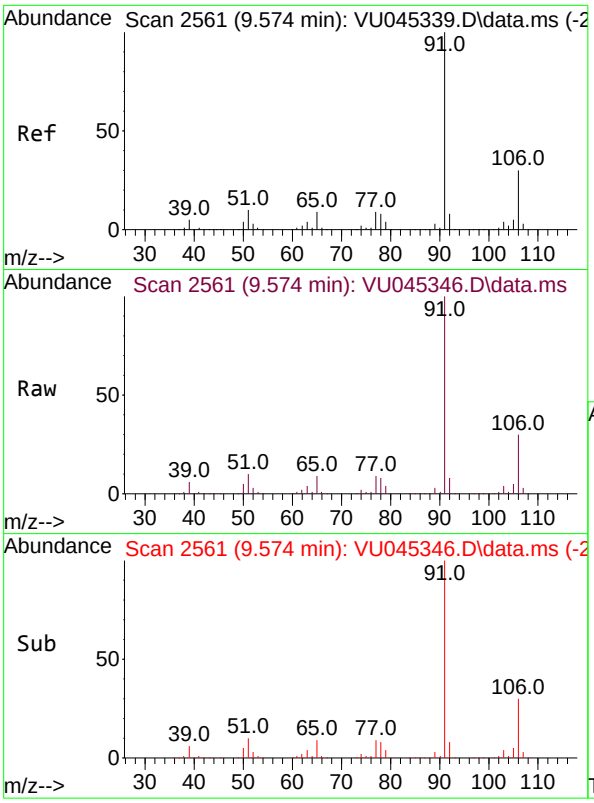
#51
Chlorobenzene
Concen: 49.288 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:112 Resp: 297718

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.8	42.4
77	64.1	51.3	76.9



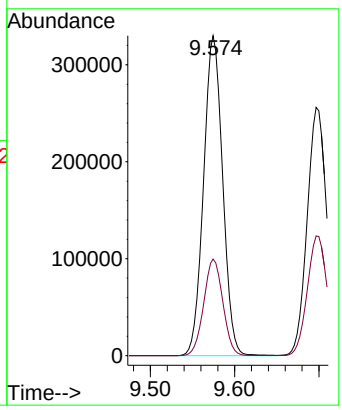
Instrument :
MSVOA_U
ClientSampleId :

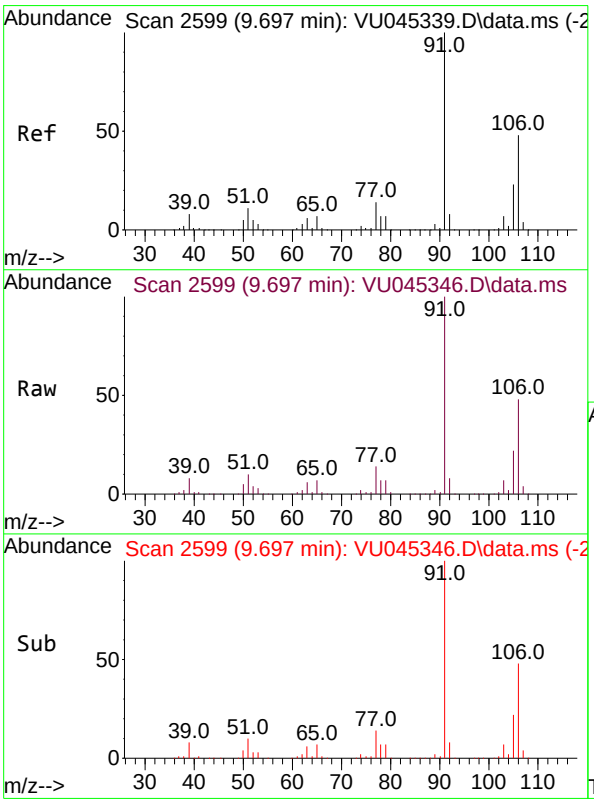


#52
Ethylbenzene
Concen: 50.401 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 91 Resp: 521624

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.1	39.3

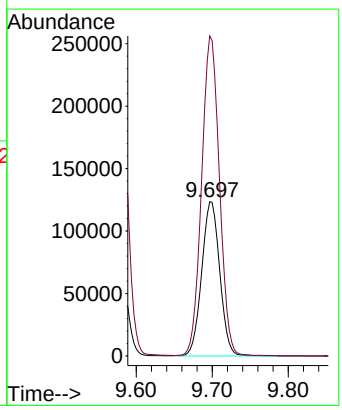




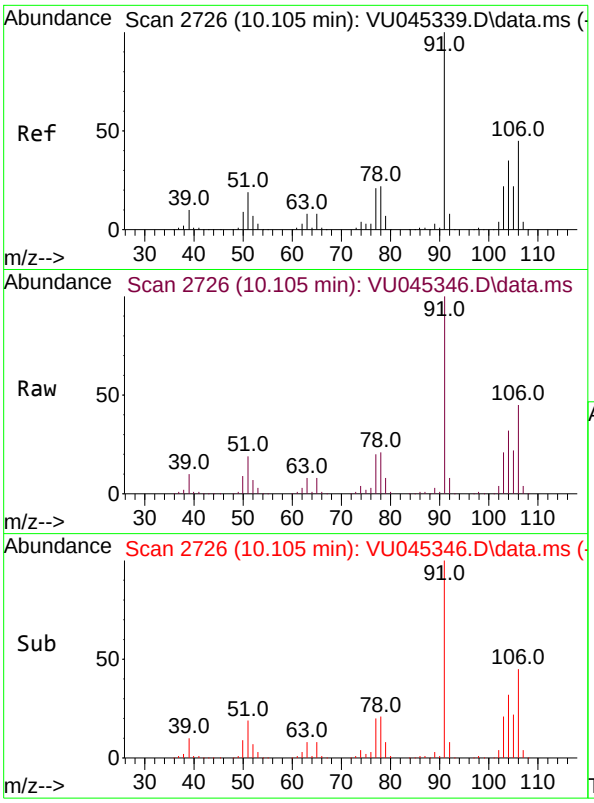
#53
m,p-Xylene
Concen: 51.741 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:106 Resp: 203438

Ion	Ratio	Lower	Upper
106	100		
91	207.5	144.4	268.2



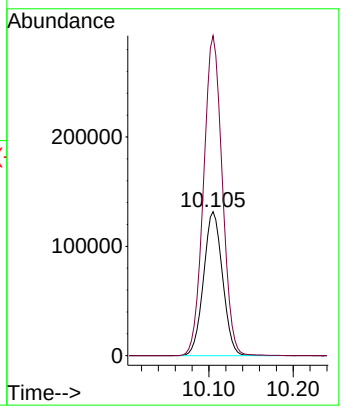
Instrument :
MSVOA_U
ClientSampleId :

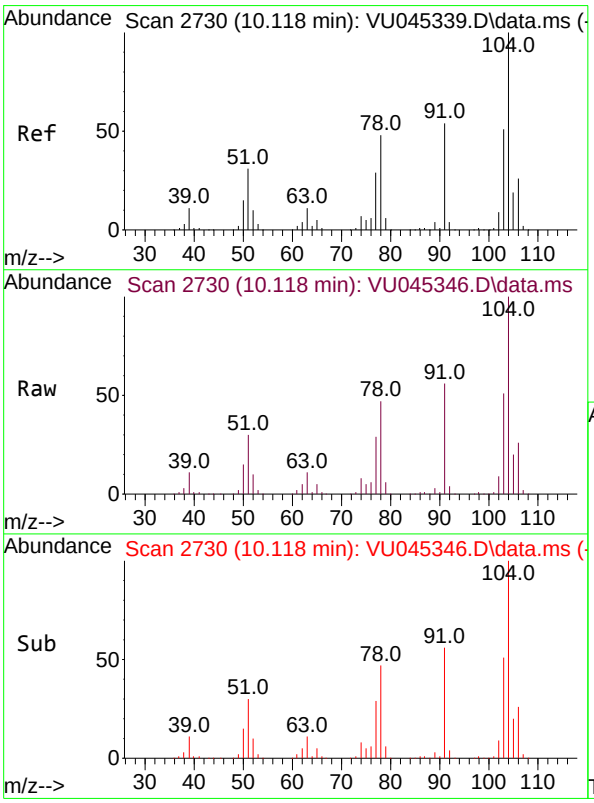


#54
o-xylene
Concen: 52.381 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:106 Resp: 206643

Ion	Ratio	Lower	Upper
106	100		
91	222.2	151.1	280.5

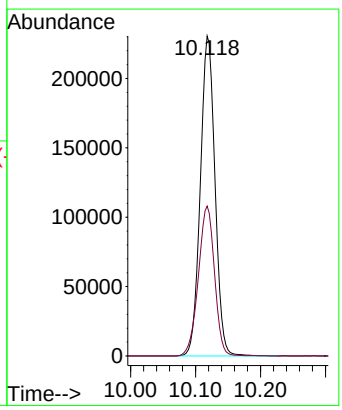




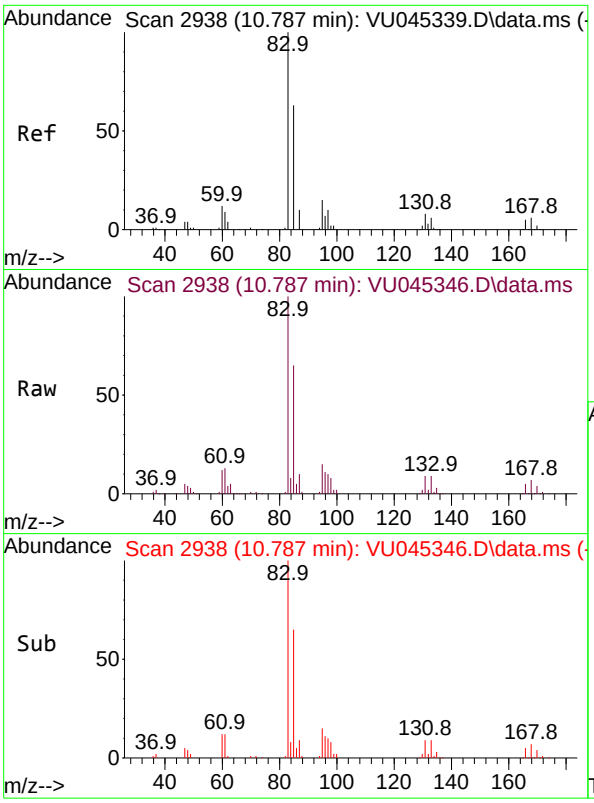
#55
Styrene
Concen: 54.482 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:104 Resp: 363741

Ion	Ratio	Lower	Upper
104	100		
78	46.9	32.7	60.7



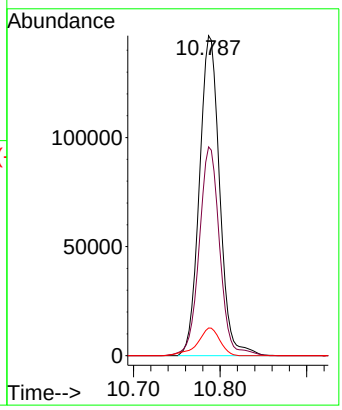
Instrument :
MSVOA_U
ClientSampleId :

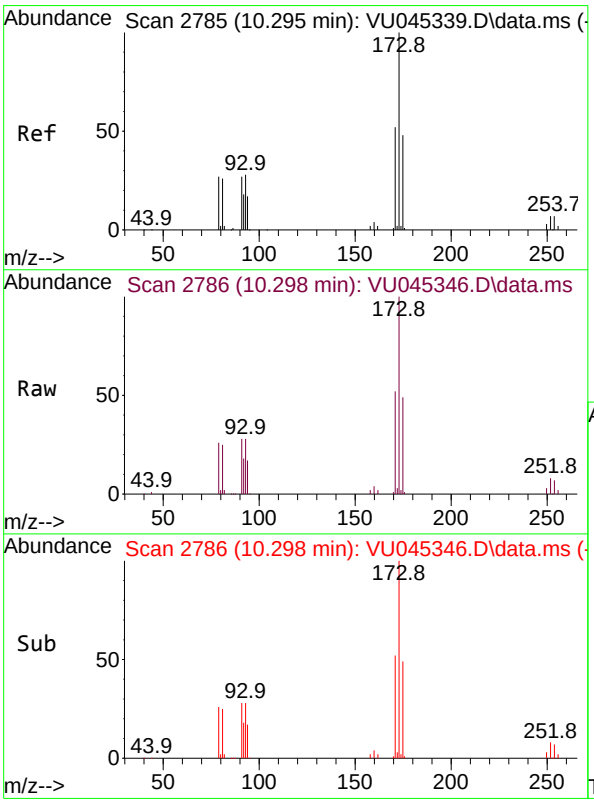


#57
1,1,2,2-Tetrachloroethane
Concen: 56.519 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 83 Resp: 237950

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.4	82.5
131	8.6	6.8	10.2

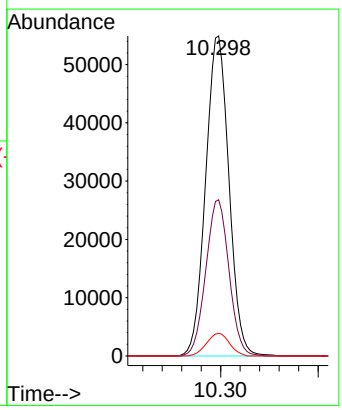




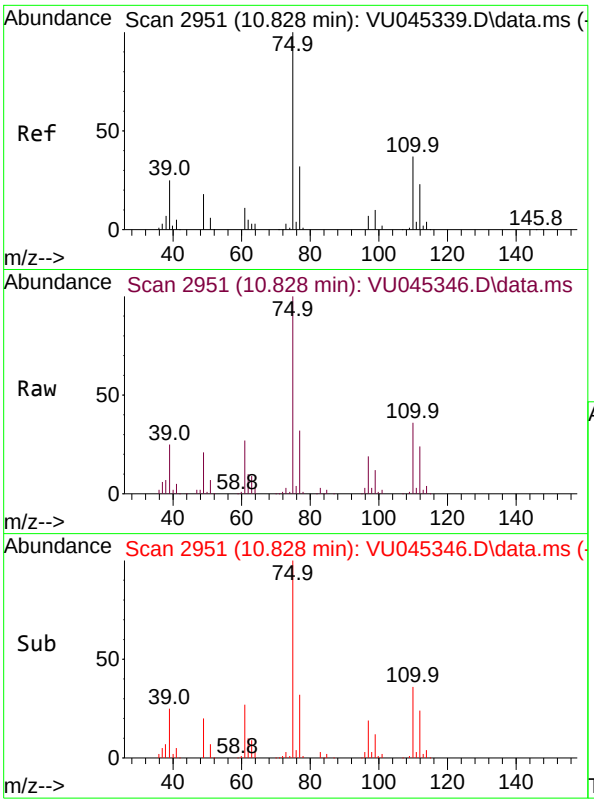
#59
Bromoform
Concen: 54.628 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:173 Resp: 91090

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.3	58.9
254	7.0	5.8	8.6



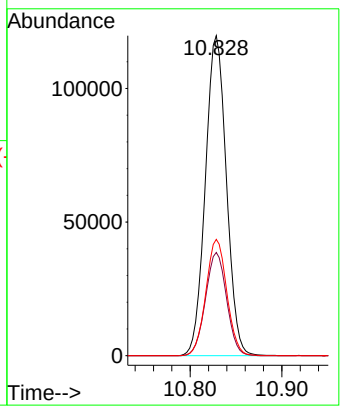
Instrument :
MSVOA_U
ClientSampleId :

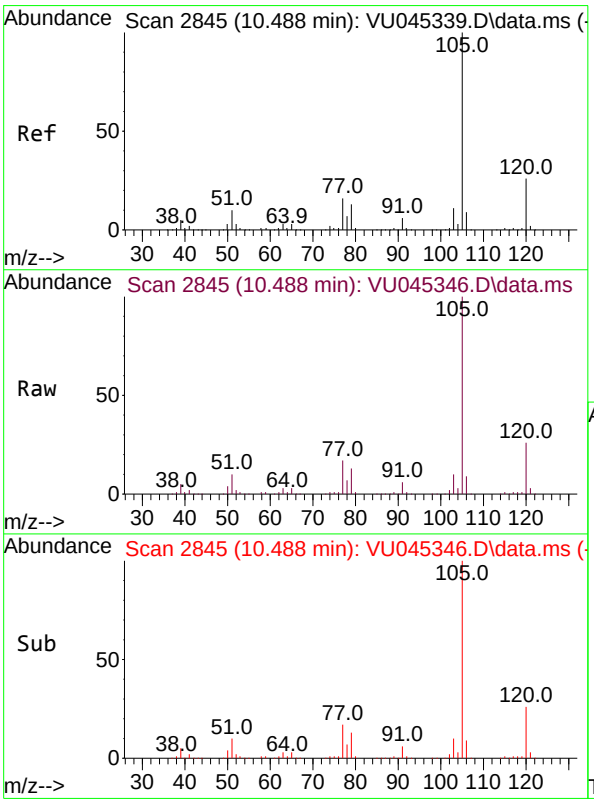


#60
1,2,3-Trichloropropane
Concen: 54.655 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 75 Resp: 190895

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.0	39.0
110	36.2	28.8	43.2

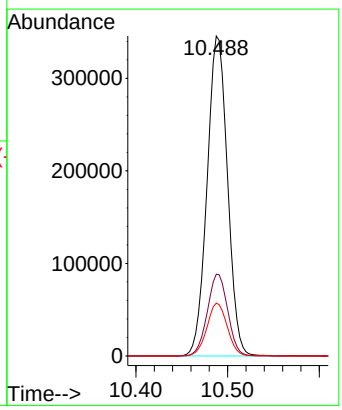




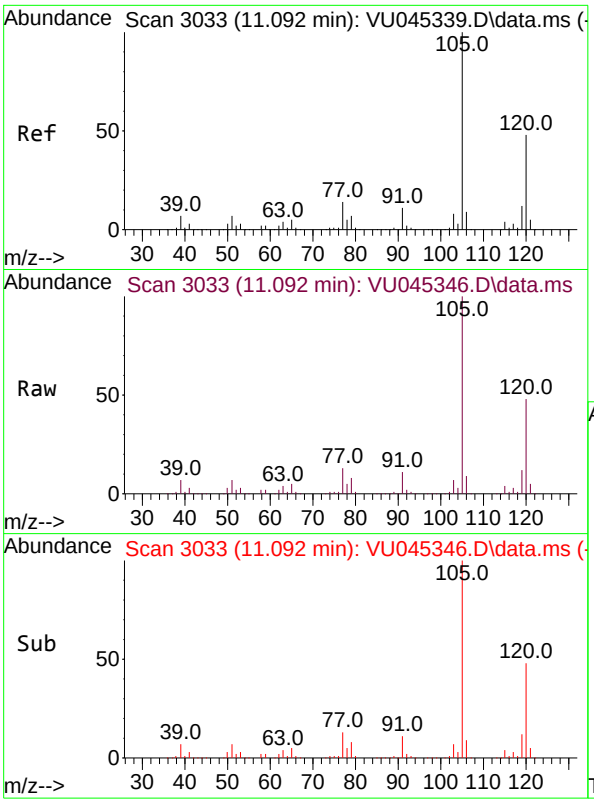
#61
Isopropylbenzene
Concen: 51.538 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:105 Resp: 535311

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7
77	16.4	13.2	19.8



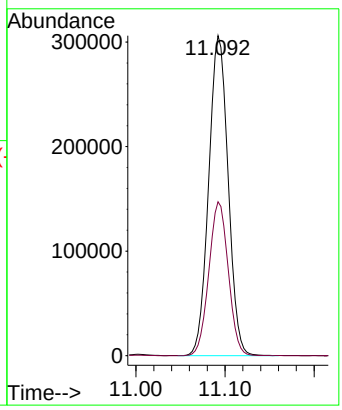
Instrument :
MSVOA_U
ClientSampleId :

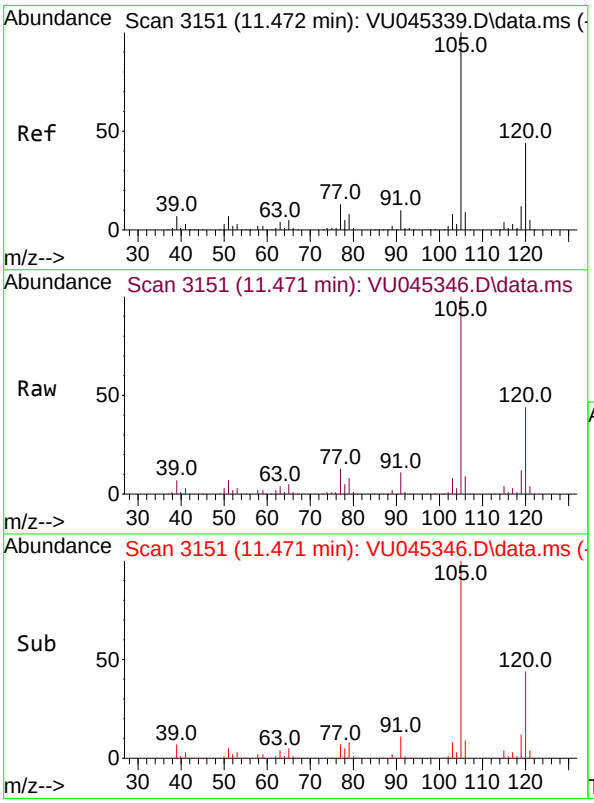


#62
1,3,5-Trimethylbenzene
Concen: 53.825 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:105 Resp: 462535

Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.2	57.2

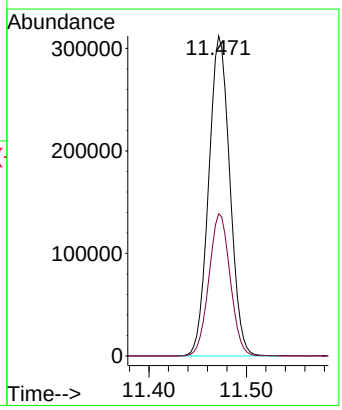




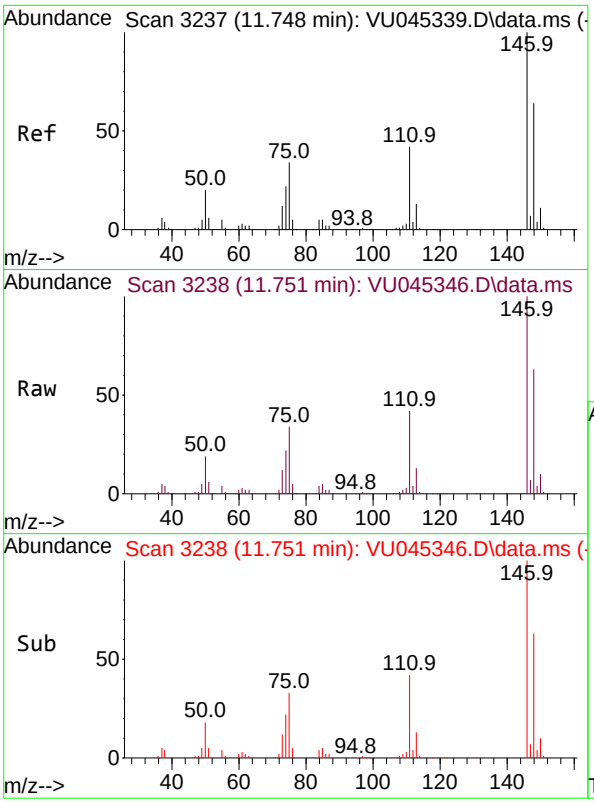
#63
1,2,4-Trimethylbenzene
Concen: 54.135 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:105 Resp: 470994

Ion	Ratio	Lower	Upper
105	100		
120	44.7	35.5	53.3



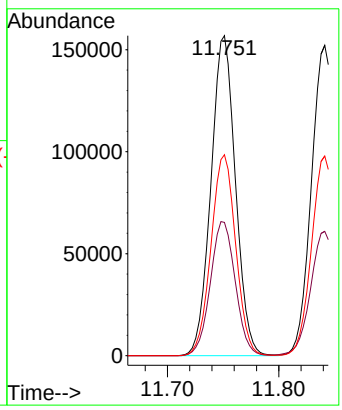
Instrument :
MSVOA_U
ClientSampleId :

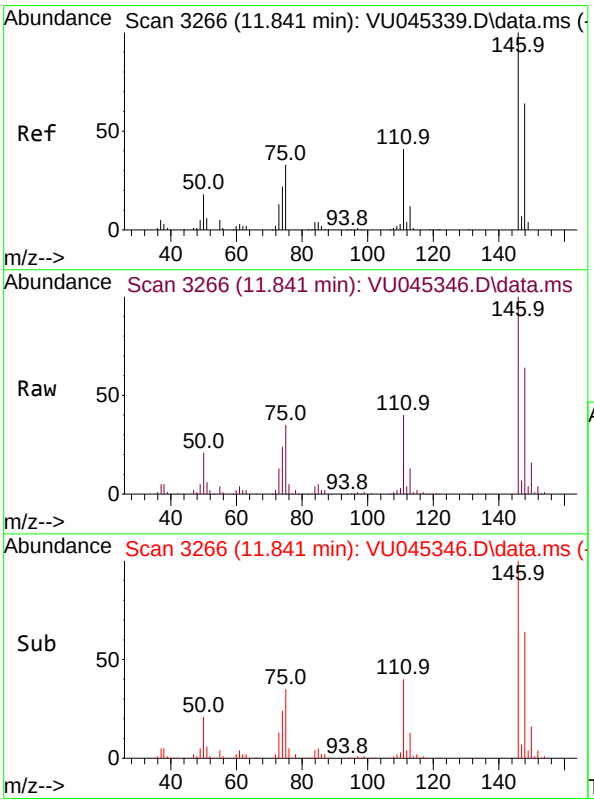


#64
1,3-Dichlorobenzene
Concen: 51.027 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:146 Resp: 239995

Ion	Ratio	Lower	Upper
146	100		
111	41.7	29.0	53.9
148	62.8	45.0	83.6

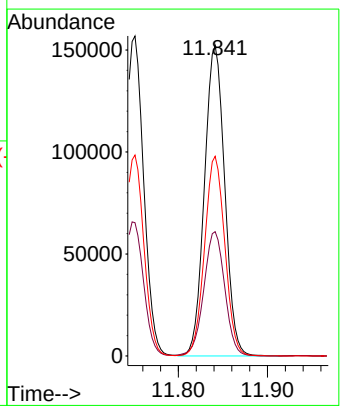




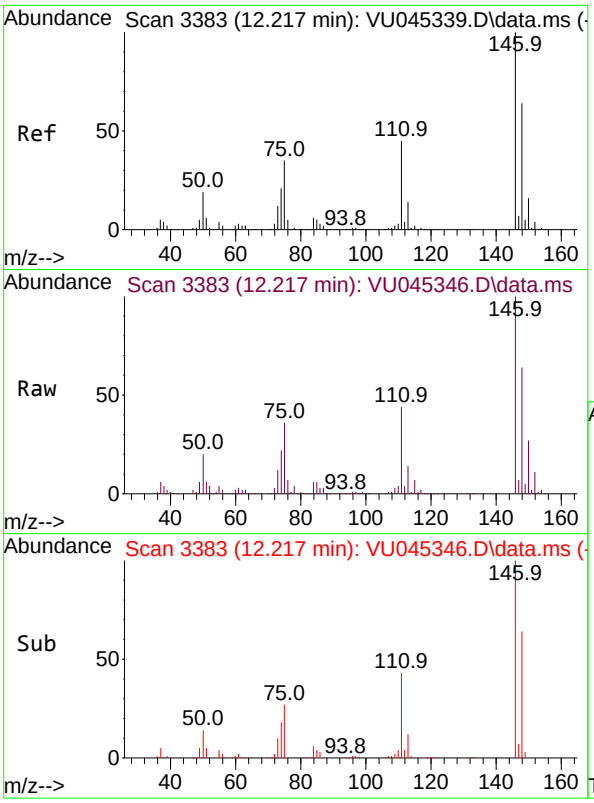
#65
1,4-Dichlorobenzene
Concen: 50.314 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:146 Resp: 240037

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.6	53.2
148	64.3	44.2	82.0



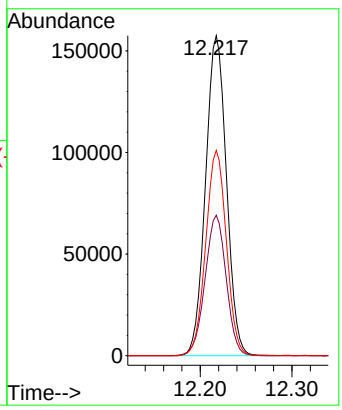
Instrument :
MSVOA_U
ClientSampleId :

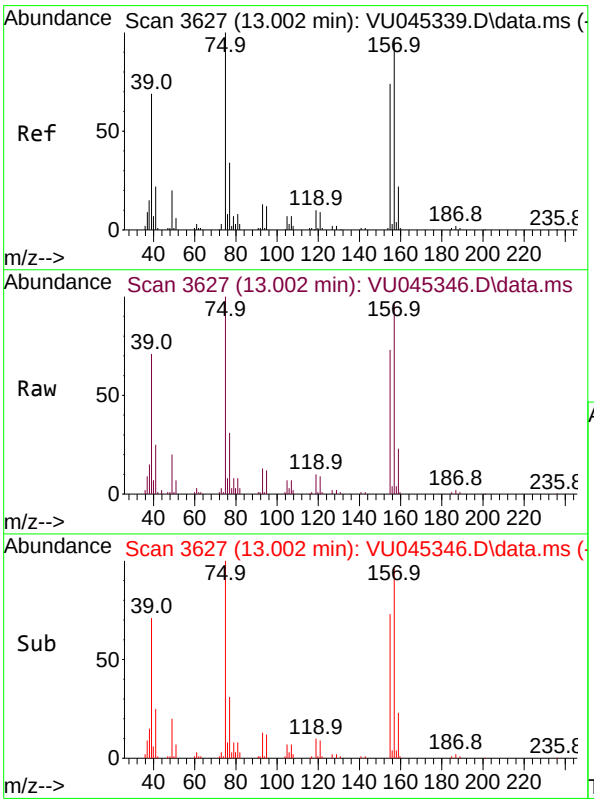


#67
1,2-Dichlorobenzene
Concen: 52.360 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:146 Resp: 248946

Ion	Ratio	Lower	Upper
146	100		
111	43.9	35.2	52.8
148	64.2	50.8	76.2

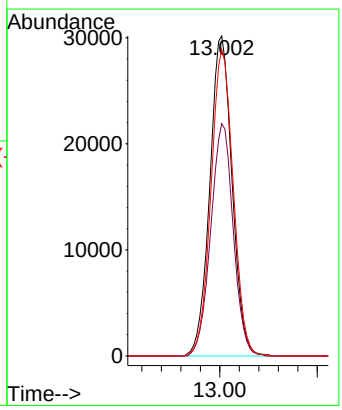




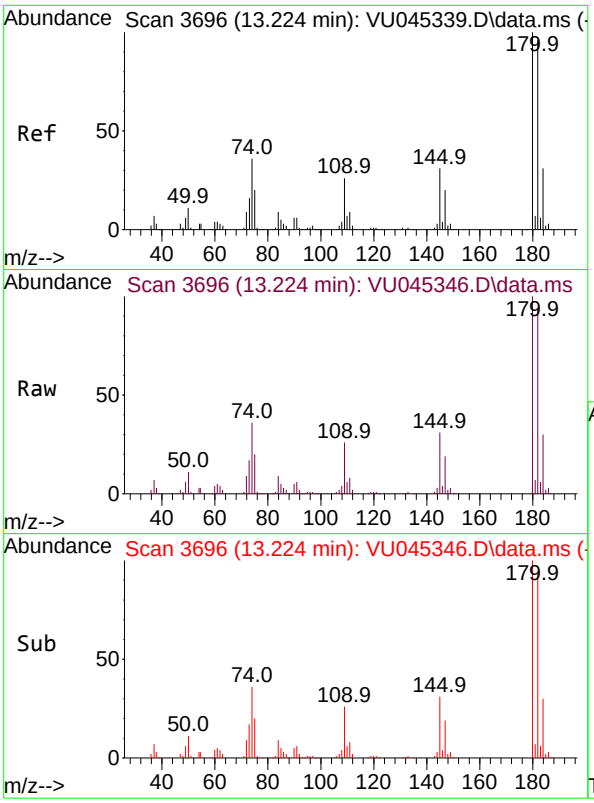
#68
1,2-Dibromo-3-chloropropane
Concen: 49.272 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion: 75 Resp: 47922

Ion	Ratio	Lower	Upper
75	100		
155	72.6	61.9	92.9
157	95.8	74.1	111.1



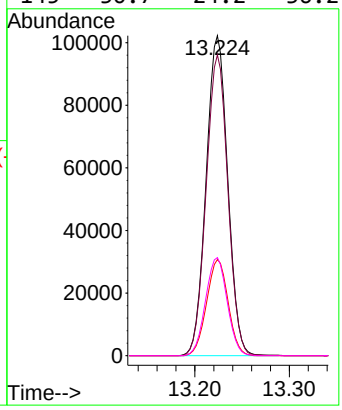
Instrument :
MSVOA_U
ClientSampleId :

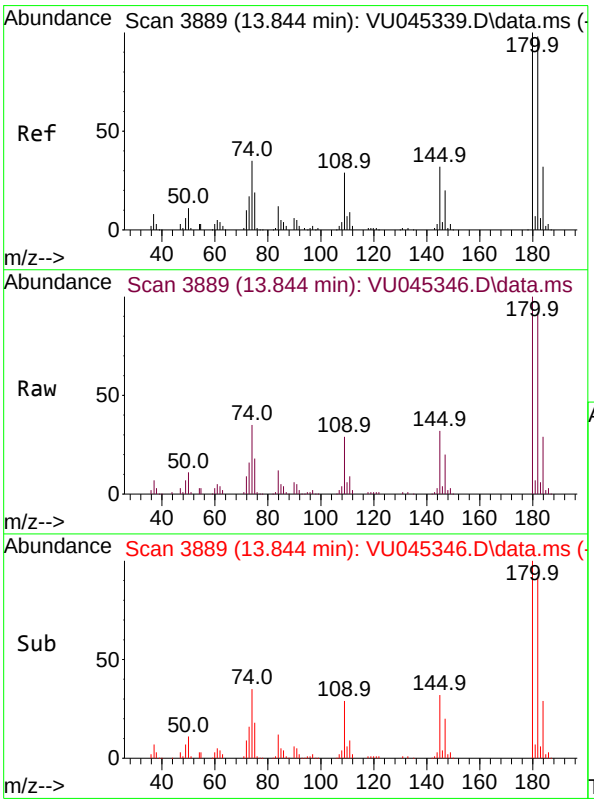


#69
1,3,5-Trichlorobenzene
Concen: 50.191 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:180 Resp: 162440

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
184	29.9	23.8	35.8
145	30.7	24.2	36.2

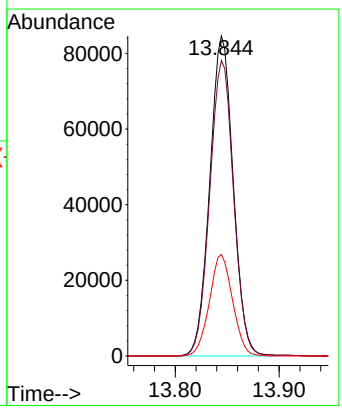




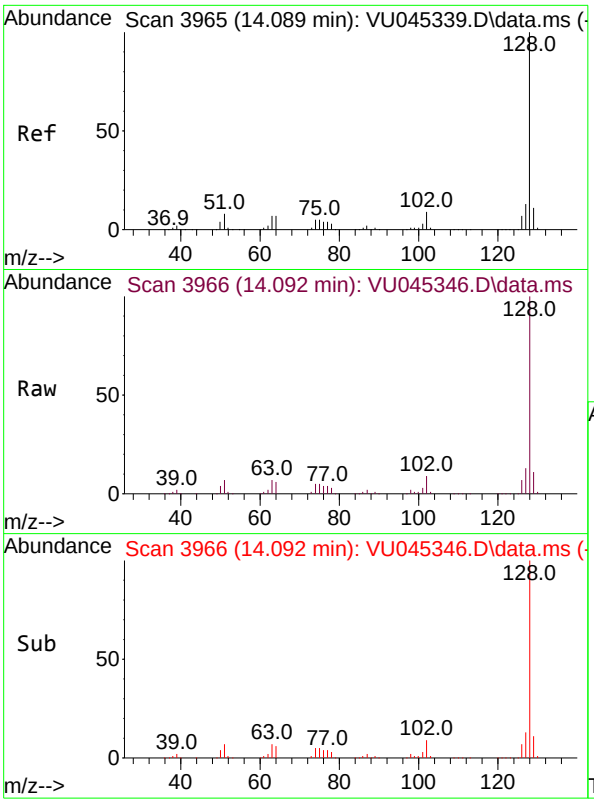
#70
1,2,4-trichlorobenzene
Concen: 48.858 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:180 Resp: 132554

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.7	113.5
145	31.3	25.1	37.7



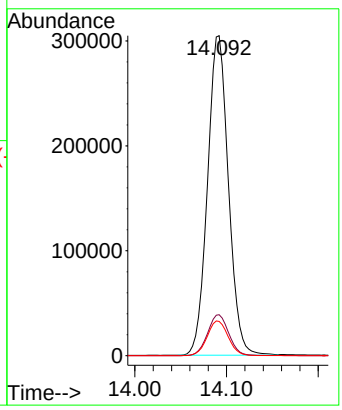
Instrument :
MSVOA_U
ClientSampleId :

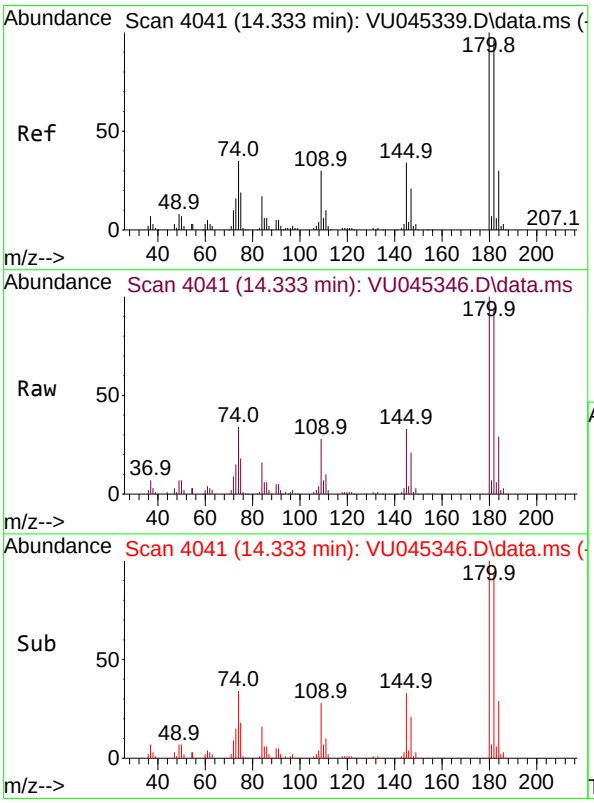


#71
Naphthalene
Concen: 53.334 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

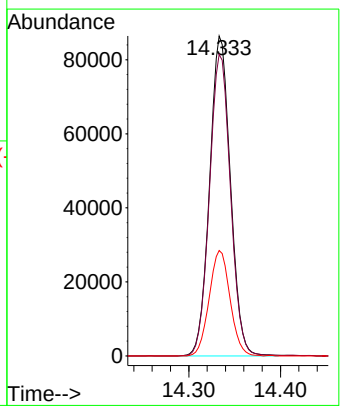
Tgt Ion:128 Resp: 483670

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.6	13.0





#72
1,2,3-Trichlorobenzene
Concen: 50.299 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045346.D
Acq: 20 Oct 2021 16:07

Tgt Ion:180 Resp: 136330

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.4
145	33.1	26.4	39.6