Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Time: Mar 11 02:50:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 11 02:45:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.632	114	5712	50.000	ug/L	# 0.02
28) Chlorobenzene-d5	8.866	117	7288	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.258	152	4087	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	197016	3392.132	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 6784.260%#			
7) Chloroethane-d5	1.568	69	121931	2675.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 5351.620%#			
11) 1,1-Dichloroethene-d2	2.085	63	244241	2505.460	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 5010.920%#			
21) 2-Butanone-d5	3.905	46	207228	6269.475	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 6269.470%#			
24) Chloroform-d	4.342	84	334262	3296.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 6593.720%#			
26) 1,2-Dichloroethane-d4	5.027	65	209872	3508.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 7016.660%#			
32) Benzene-d6	5.043	84	728900	2698.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 5396.600%#			
36) 1,2-Dichloropropane-d6	6.066	67	224930	2672.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 5345.120%#			
41) Toluene-d8	7.313	98	652285	2725.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 5451.240%#			
43) trans-1,3-Dichloroprop...	7.622	79	100300	2742.667	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 5485.340%#			
47) 2-Hexanone-d5	8.300	63	91	2.849	ug/L	0.22
Spiked Amount 100.000	Range 45 - 130		Recovery = 2.850%#			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	265148	2656.115	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 5312.220%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	217514	2310.411	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 4620.820%#			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3293	59.022	ug/L	96
5) Vinyl chloride	1.310	62	723	12.630	ug/L #	1
6) Bromomethane	1.523	94	667	19.505	ug/L	99
8) Chloroethane	1.838	64	69	2.057	ug/L #	43
9) Trichlorofluoromethane	2.085	101	2197	30.010	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.085	101	2197	50.606	ug/L #	23
12) 1,1-Dichloroethene	2.085	96	1989	47.043	ug/L #	1
13) Acetone	2.172	43	450	17.829	ug/L	64
14) Carbon disulfide	2.272	76	10063	77.909	ug/L	100
15) Methyl Acetate	2.439	43	338	7.796	ug/L #	49
16) Methylene chloride	2.497	84	1553	31.363	ug/L	98
22) 2-Butanone	3.937	43	105	3.628	ug/L	87
25) Chloroform	4.371	83	5630	65.738	ug/L	78
27) 1,2-Dichloroethane	5.127	62	99	1.657	ug/L #	72
33) Benzene	5.040	78	5662	23.020	ug/L	100
34) Trichloroethene	5.918	95	379	5.621	ug/L #	86
35) Methylcyclohexane	6.066	83	53282	520.847	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	22862	370.416	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	5849	62.965	ug/L #	76

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
Data File : VV024923.D
Acq On : 10 Mar 2022 18:06
Operator : SY/MD
Sample : N1816-05ME
Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Time: Mar 11 02:50:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 11 02:45:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 4-Methyl-2-pentanone	7.313	43	2400	32.615	ug/L	#	1
42) Toluene	7.397	91	9665	37.657	ug/L		96
44) trans-1,3-Dichloropropene	7.622	75	4222	49.472	ug/L		95
48) 2-Hexanone	8.124	43	14978	258.629	ug/L	#	65
53) m,p-Xylene	9.149	106	156	1.500	ug/L		89
57) 1,1,2,2-Tetrachloroethane	10.230	83	968	11.540	ug/L	#	1
60) Isopropylbenzene	10.458	105	275	0.927	ug/L	#	54
61) 1,2,3-Trichloropropane	11.252	75	215	2.629	ug/L	#	57
63) 1,2,4-Trimethylbenzene	10.921	105	1025	4.176	ug/L	#	86

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031022\
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Misc : 4.55g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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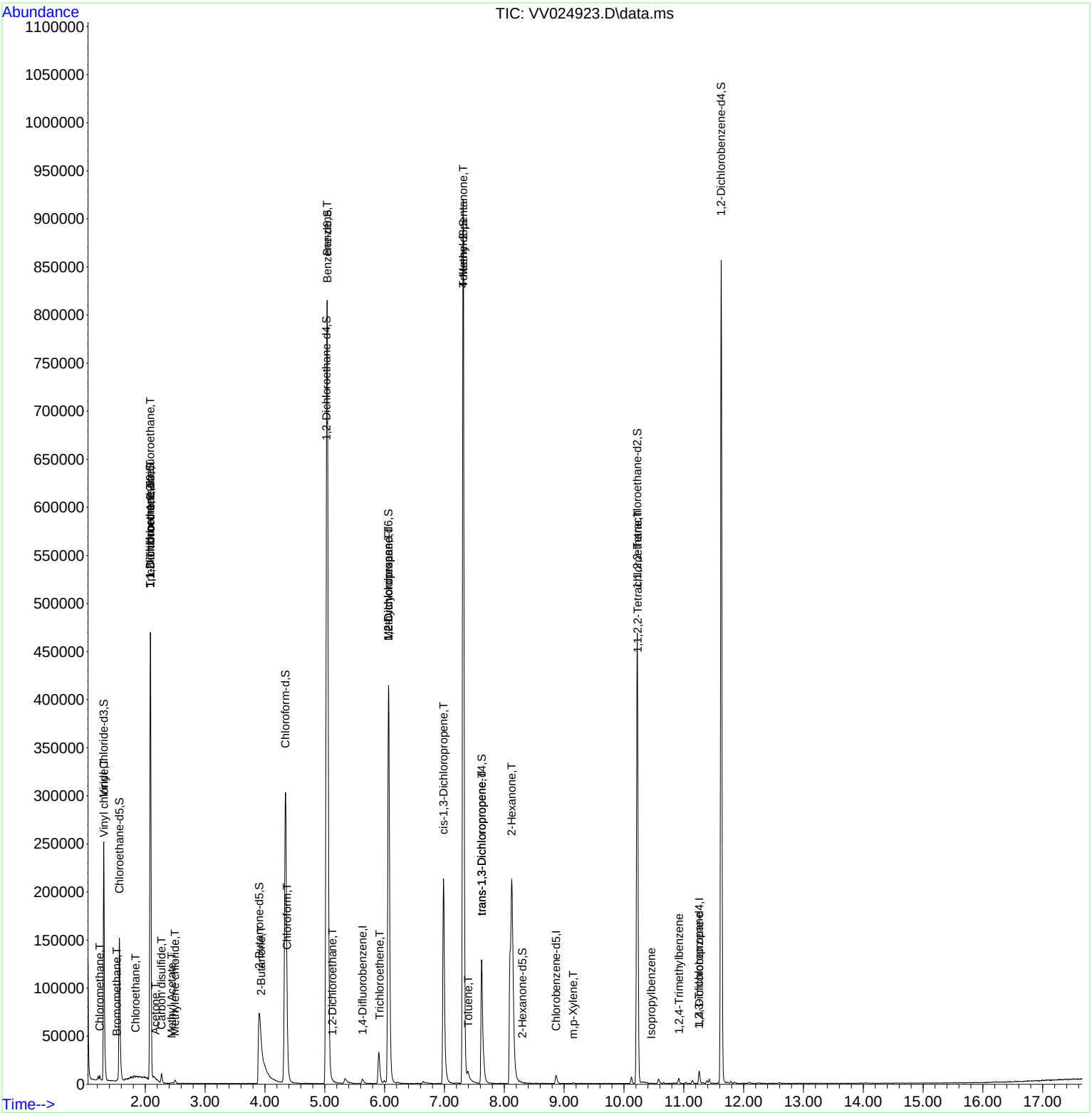
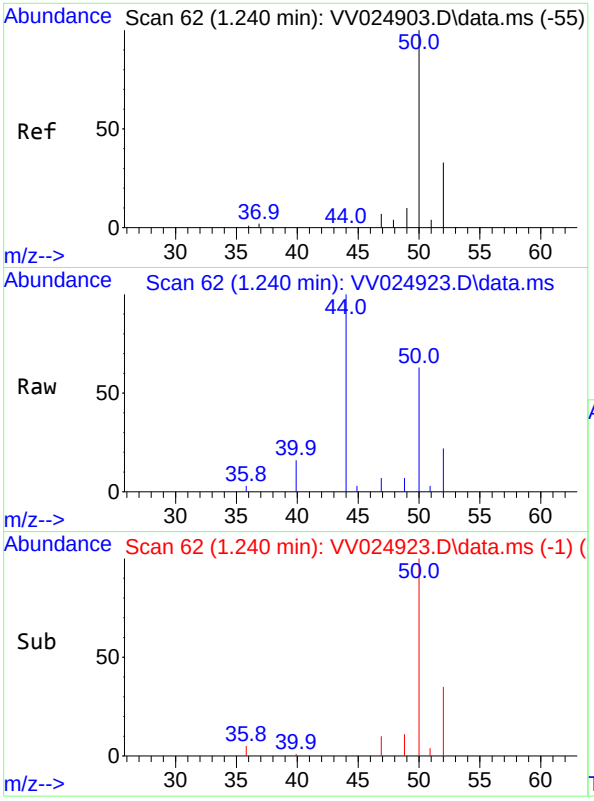
MSVOA_V
ClientSampleId :
DBSD2ME

Quant Time: Mar 11 02:50:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 11 02:45:24 2022
Response via : Initial Calibration



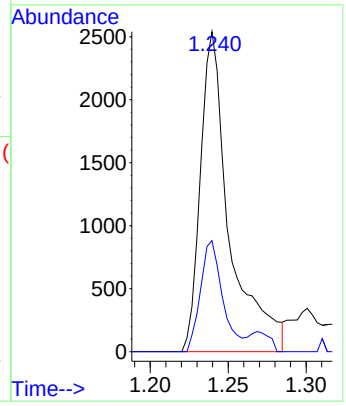


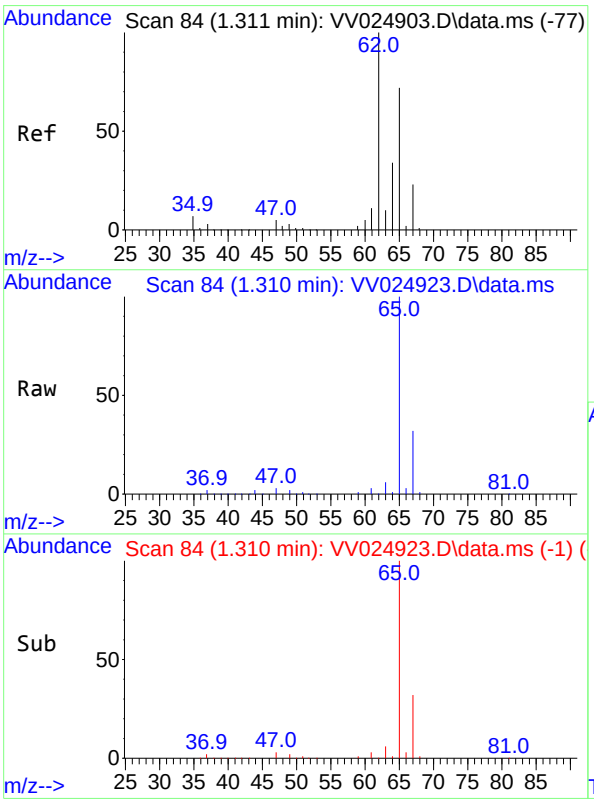
#3
Chloromethane
Concen: 59.022 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 50 Resp: 3293

Ion	Ratio	Lower	Upper
50	100		
52	34.7	22.8	42.4

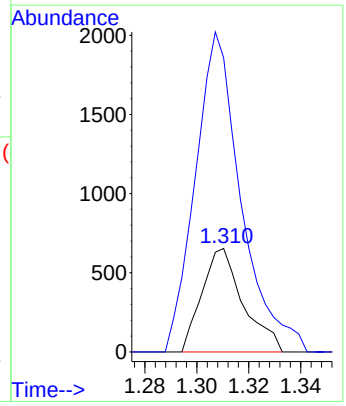


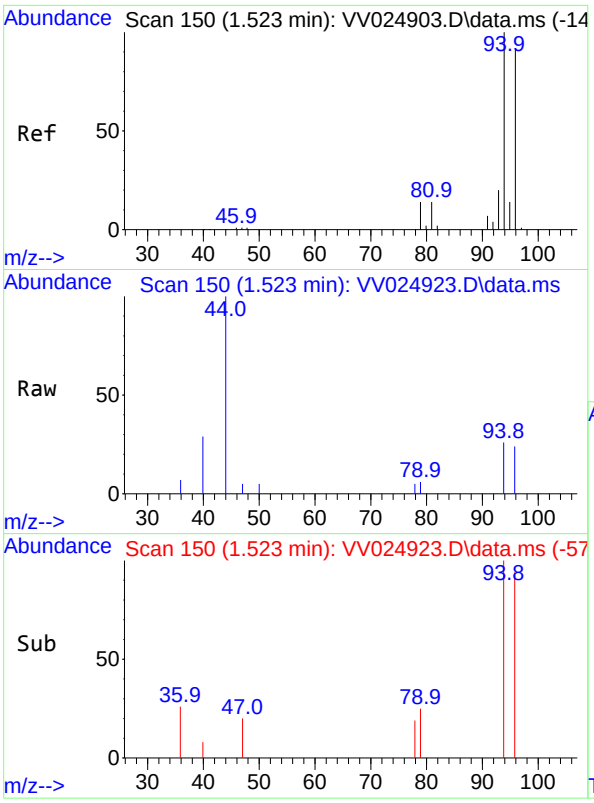


#5
Vinyl chloride
Concen: 12.630 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 62 Resp: 723

Ion	Ratio	Lower	Upper
62	100		
64	284.1	23.2	43.0#



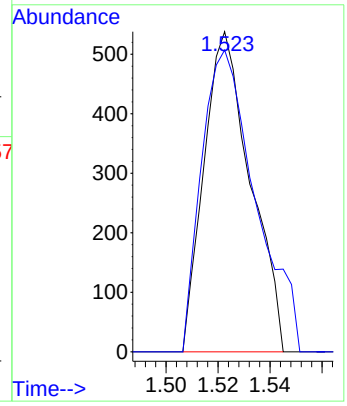


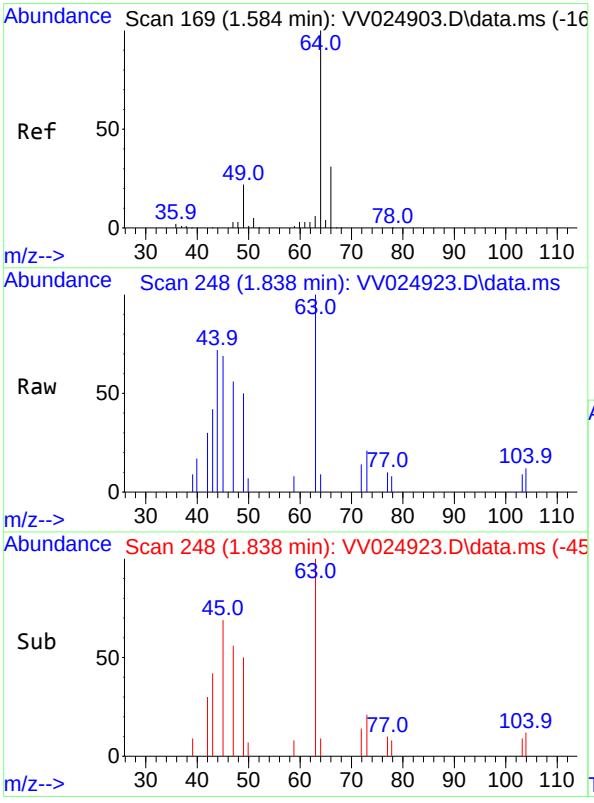
#6
Bromomethane
Concen: 19.505 ug/L
RT: 1.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 94 Resp: 667

Ion	Ratio	Lower	Upper
94	100		
96	94.2	66.7	123.9

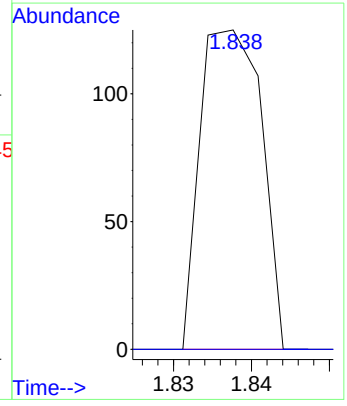


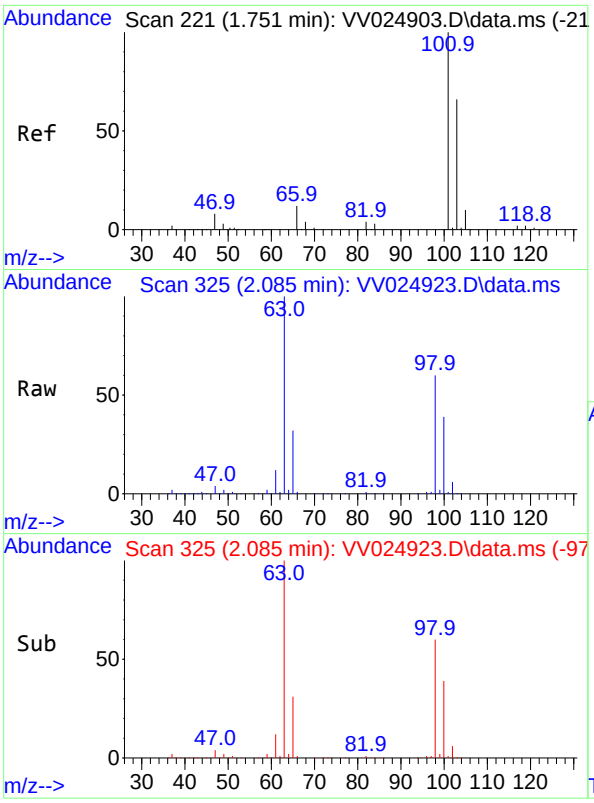


#8
Chloroethane
Concen: 2.057 ug/L
RT: 1.838 min Scan# 248
Delta R.T. 0.254 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 64 Resp: 69

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.2	41.2#



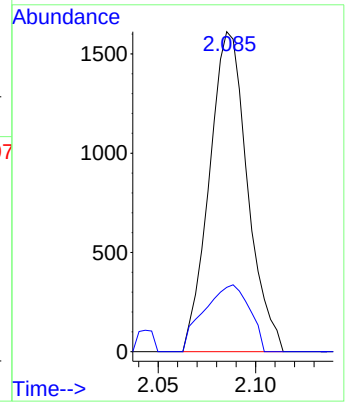


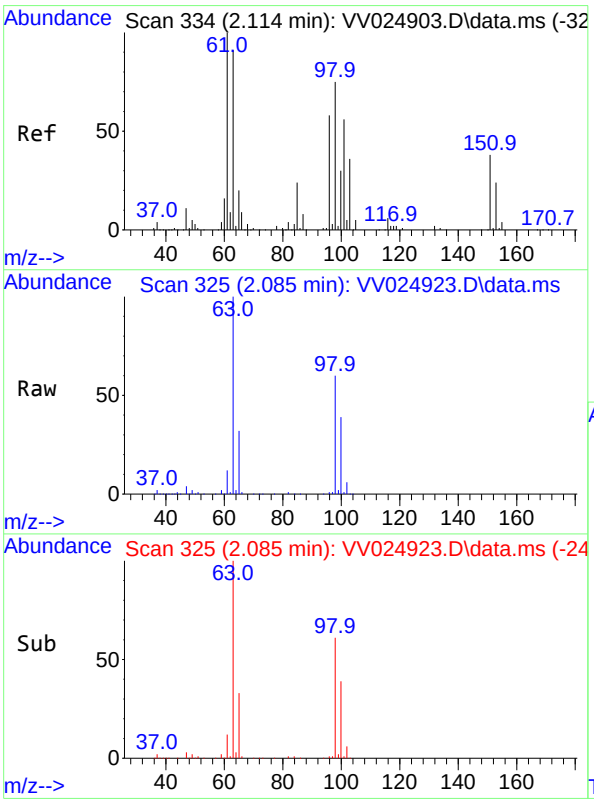
#9
Trichlorofluoromethane
Concen: 30.010 ug/L
RT: 2.085 min Scan# 3
Delta R.T. 0.334 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion:101 Resp: 2197

Ion	Ratio	Lower	Upper
101	100		
103	24.9	52.1	78.1#

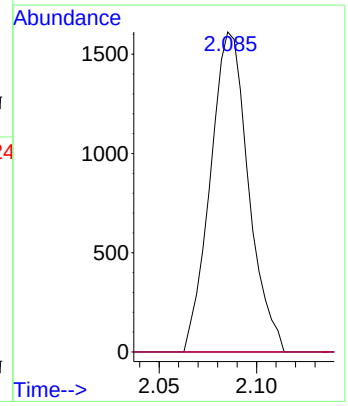


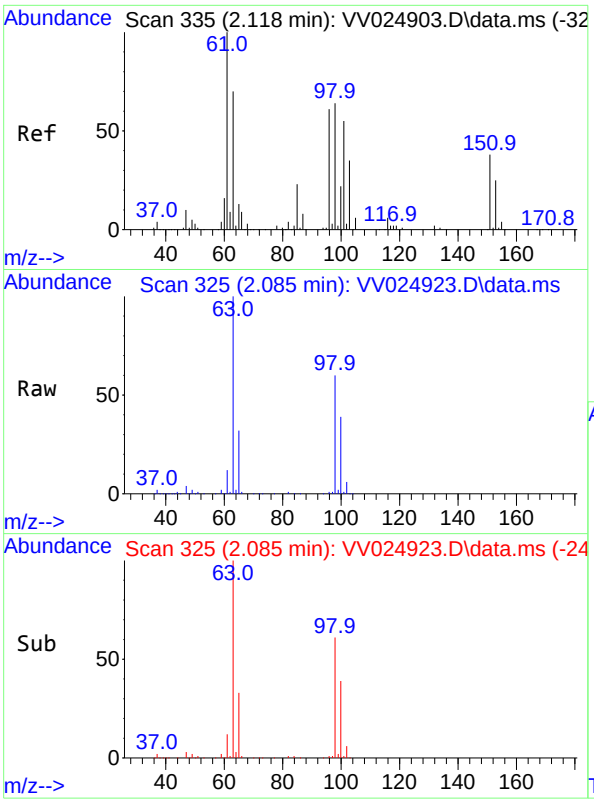


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.606 ug/L
RT: 2.085 min Scan# 325
Delta R.T. -0.029 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion:101 Resp: 2197

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.8#
151	0.0	54.1	81.1#



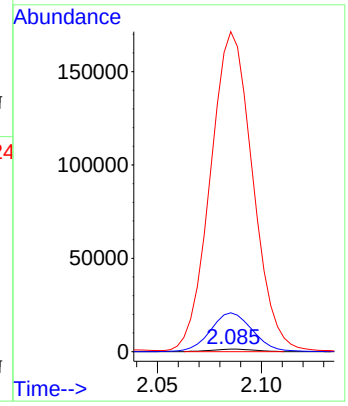


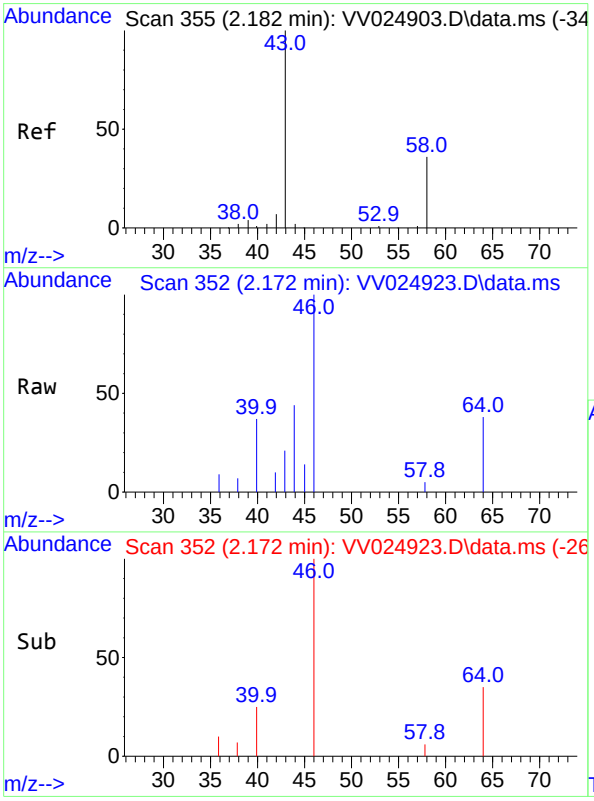
#12
1,1-Dichloroethene
Concen: 47.043 ug/L
RT: 2.085 min Scan# 3
Delta R.T. -0.032 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 96 Resp: 1989

Ion	Ratio	Lower	Upper
96	100		
61	1515.6	117.6	218.4#
63	12473.9	105.3	195.5#

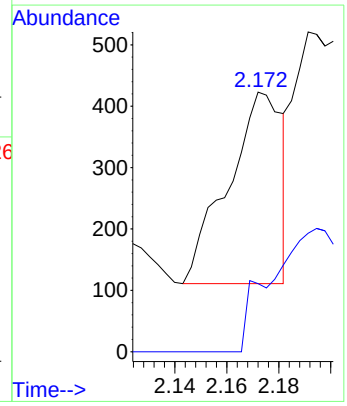


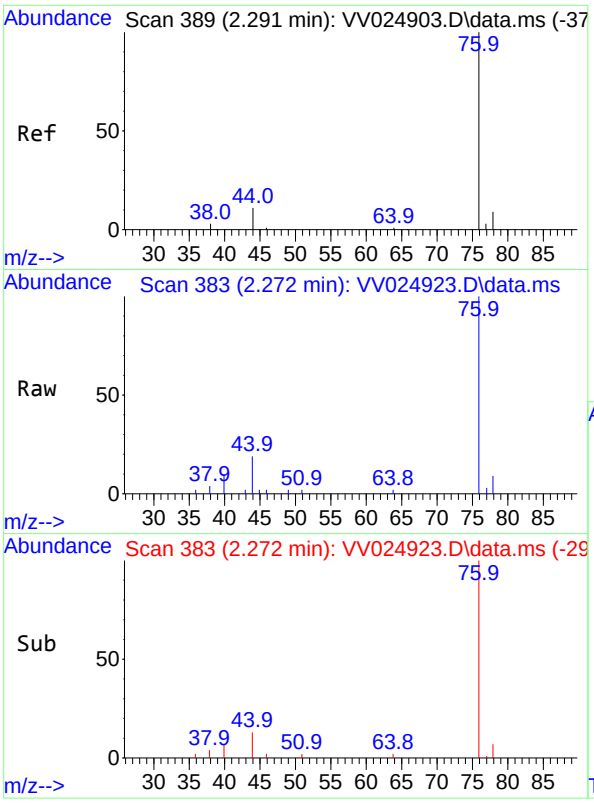


#13
Acetone
Concen: 17.829 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.010 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 43 Resp: 450

Ion	Ratio	Lower	Upper
43	100		
58	14.2	0.0	70.0



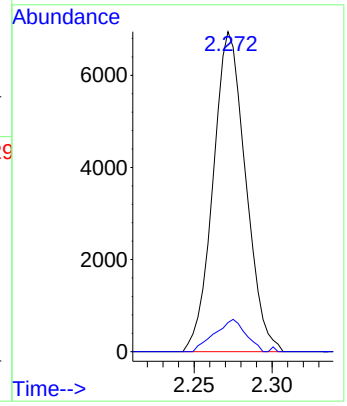


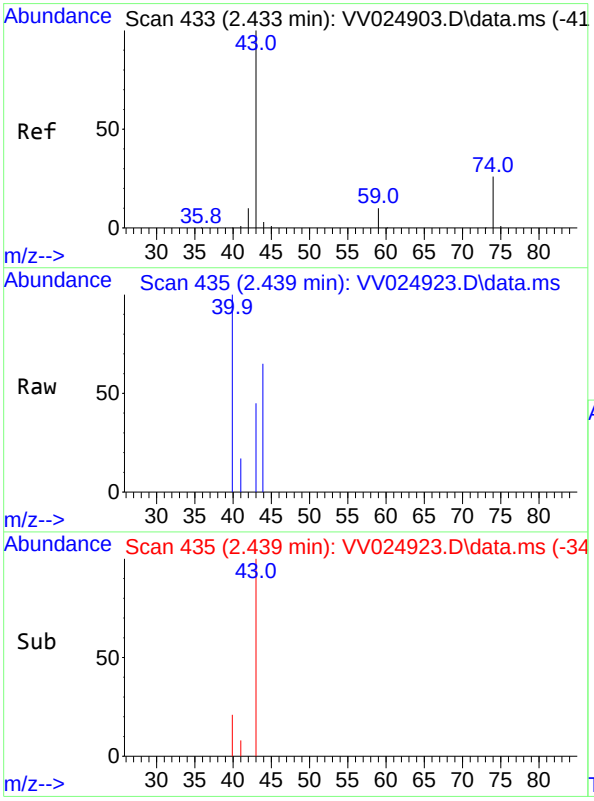
#14
Carbon disulfide
Concen: 77.909 ug/L
RT: 2.272 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 76 Resp: 10063

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

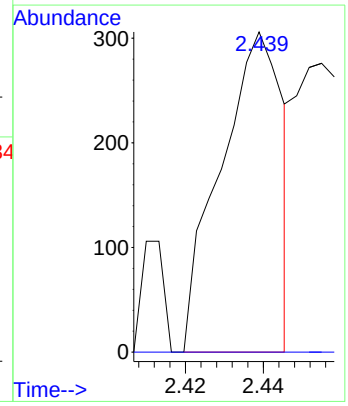


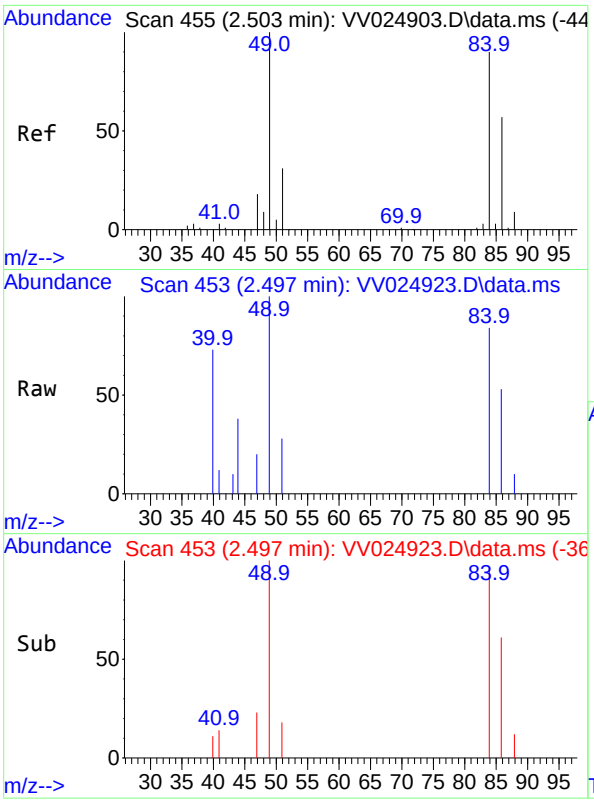


#15
Methyl Acetate
Concen: 7.796 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 43 Resp: 338

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.4#



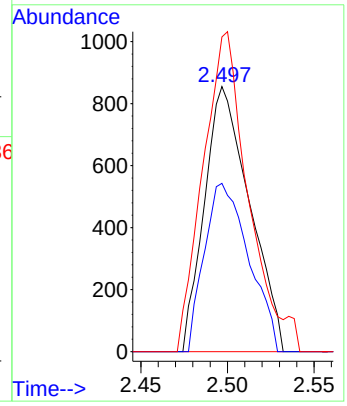


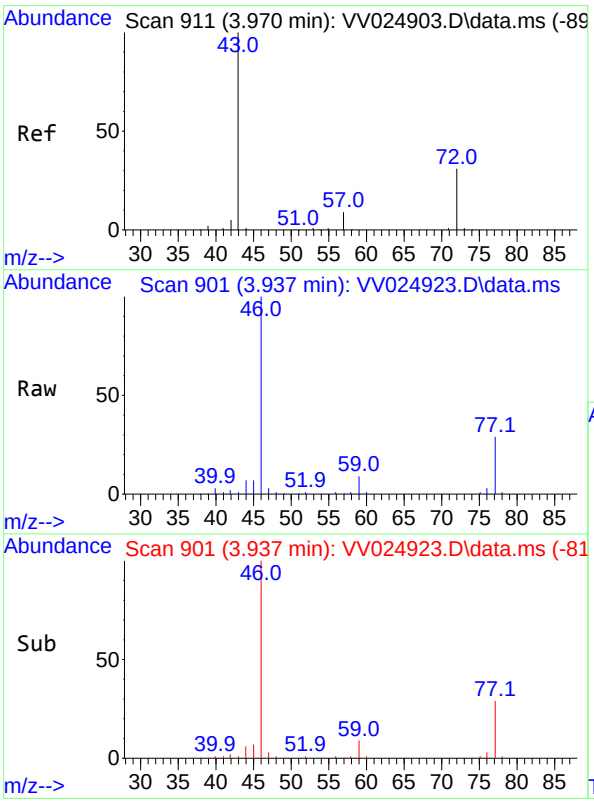
#16
Methylene chloride
Concen: 31.363 ug/L
RT: 2.497 min Scan# 4
Delta R.T. -0.007 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 84 Resp: 1553

Ion	Ratio	Lower	Upper
84	100		
86	63.5	44.3	82.3
49	118.7	80.7	149.9

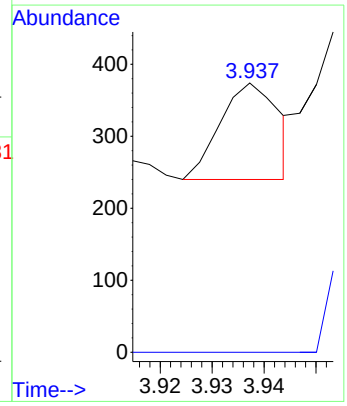


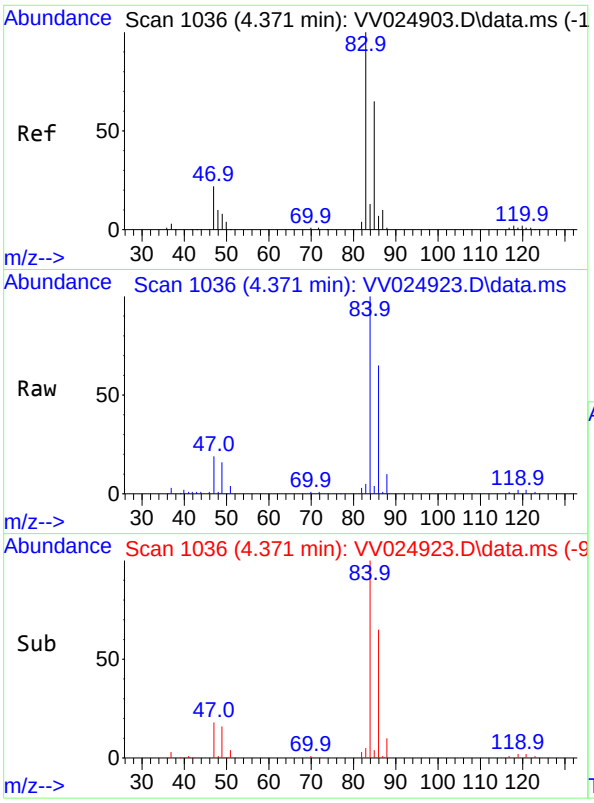


#22
2-Butanone
Concen: 3.628 ug/L
RT: 3.937 min Scan# 901
Delta R.T. -0.032 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 43 Resp: 105

Ion	Ratio	Lower	Upper
43	100		
72	21.0	13.9	41.6



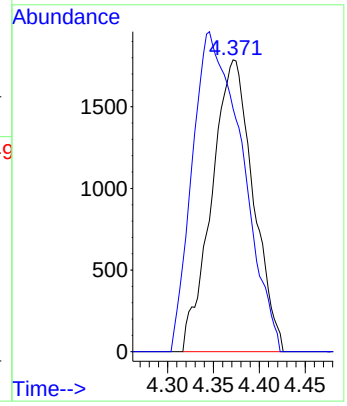


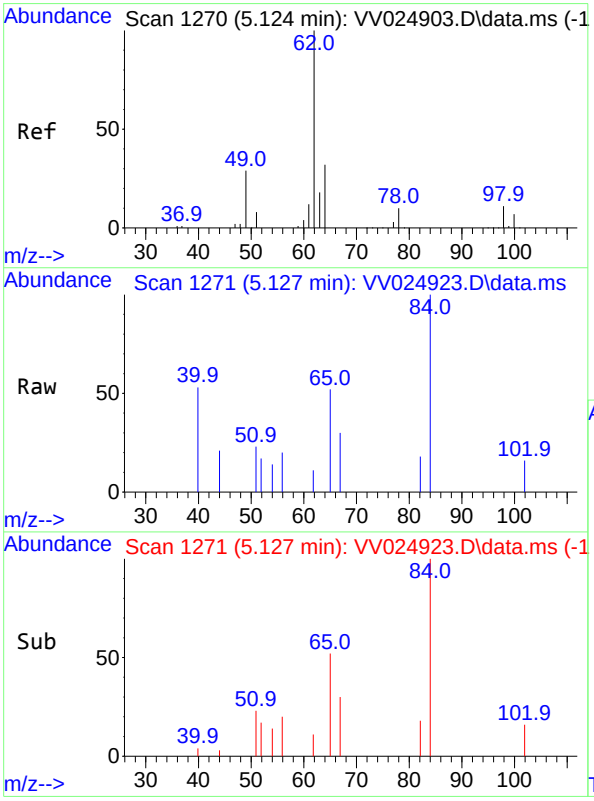
#25
Chloroform
Concen: 65.738 ug/L
RT: 4.371 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 83 Resp: 5630

Ion	Ratio	Lower	Upper
83	100		
85	83.2	46.0	85.4

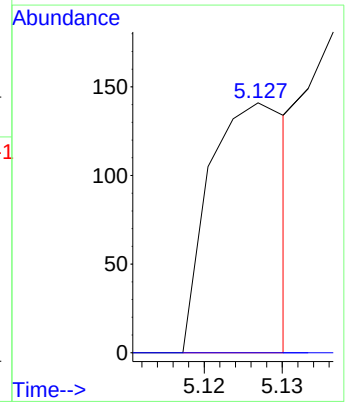


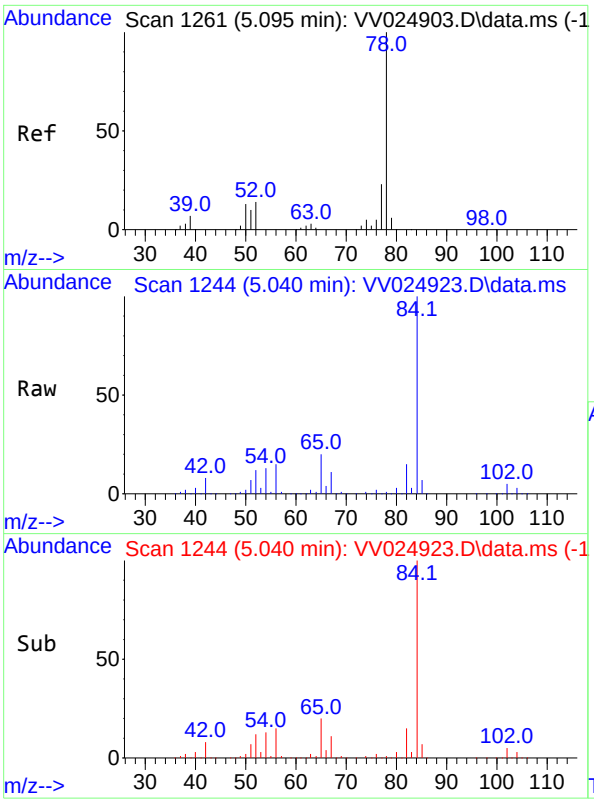


#27
1,2-Dichloroethane
Concen: 1.657 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 62 Resp: 99

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#

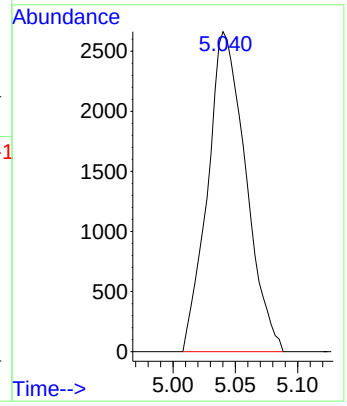


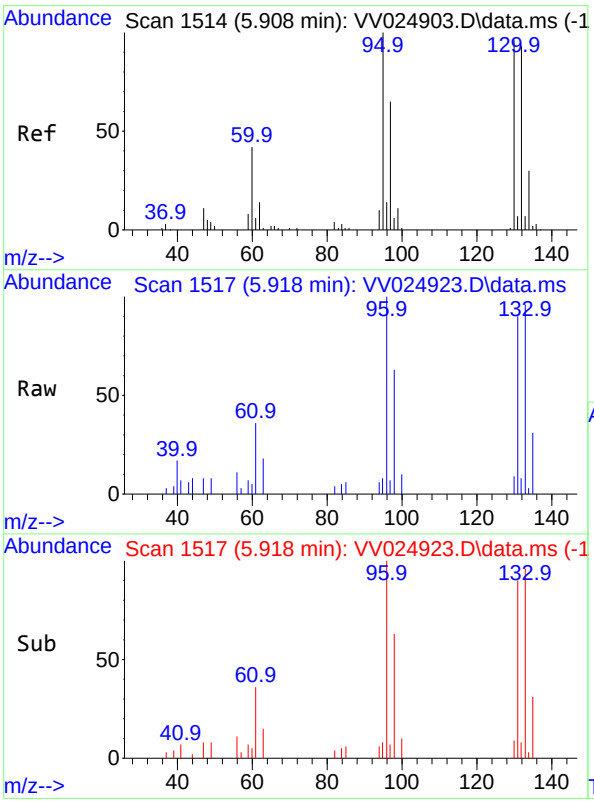


#33
Benzene
Concen: 23.020 ug/L
RT: 5.040 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 78 Resp: 5662

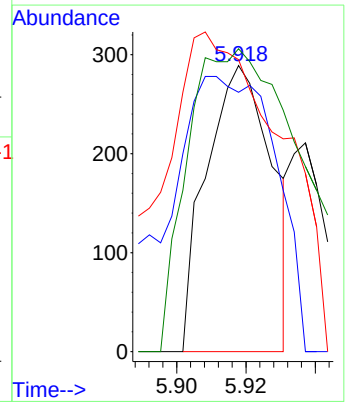


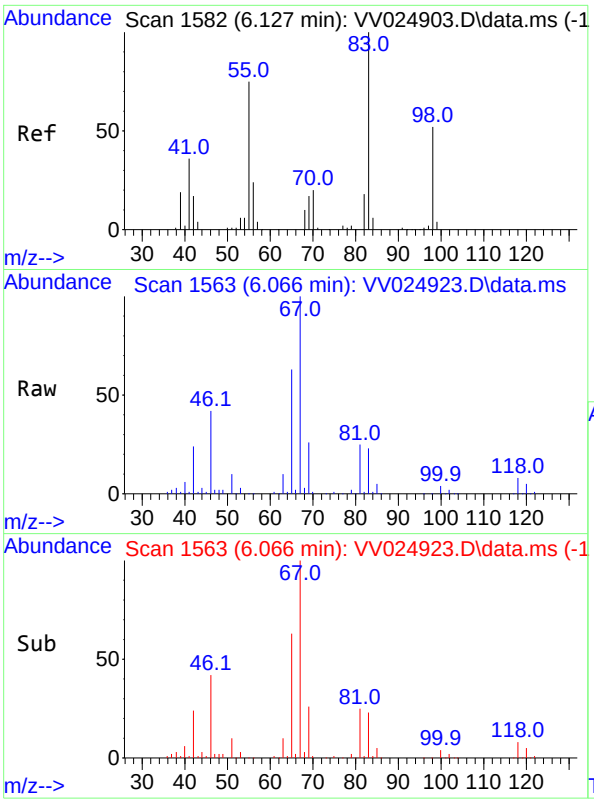


#34
Trichloroethene
Concen: 5.621 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.009 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 95 Resp: 379

Ion	Ratio	Lower	Upper
95	100		
97	90.7	45.3	84.1#
132	102.1	65.0	120.6
130	105.9	69.3	128.7



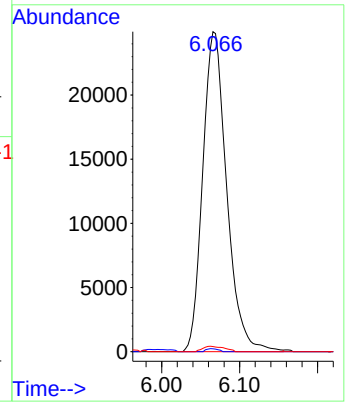


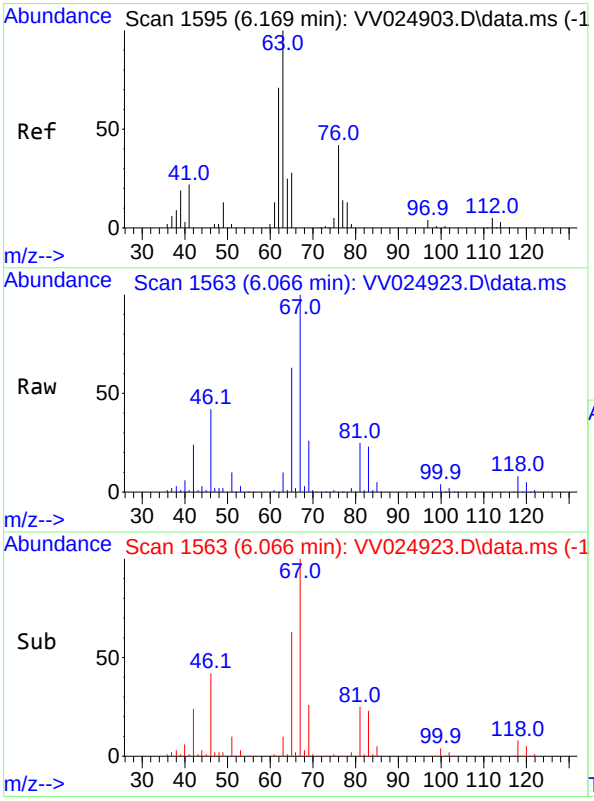
#35
Methylcyclohexane
Concen: 520.847 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.061 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 83 Resp: 53282

Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.7	86.5#
98	1.5	38.9	58.3#

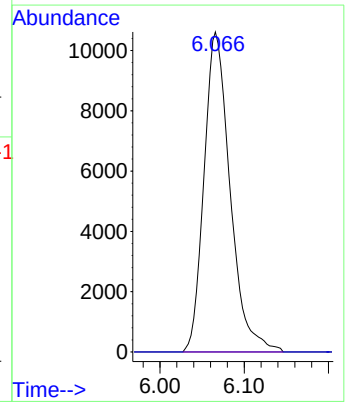


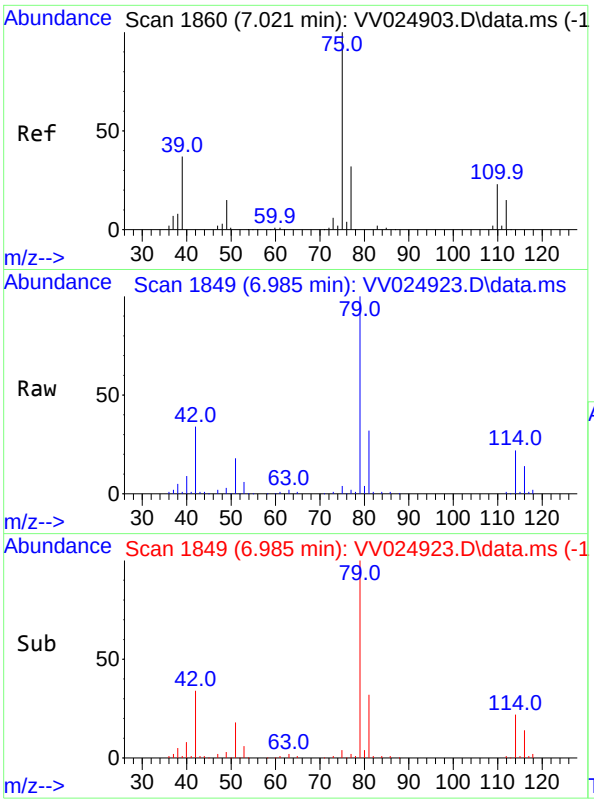


#37
1,2-Dichloropropane
Concen: 370.416 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 63 Resp: 22862

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



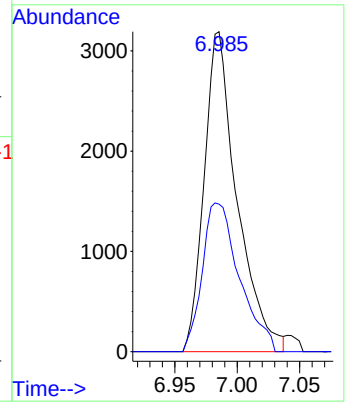


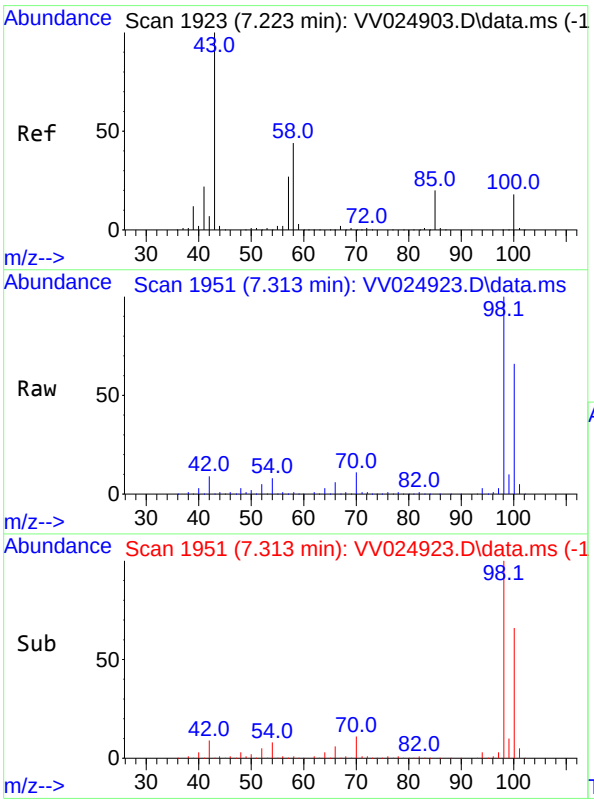
#39
cis-1,3-Dichloropropene
Concen: 62.965 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 75 Resp: 5849

Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.9	42.5#

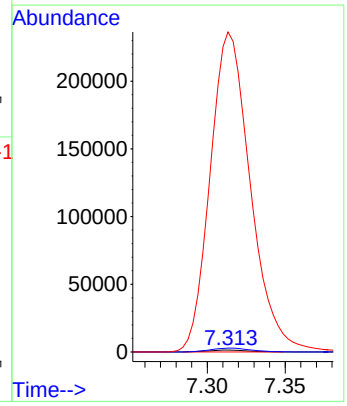


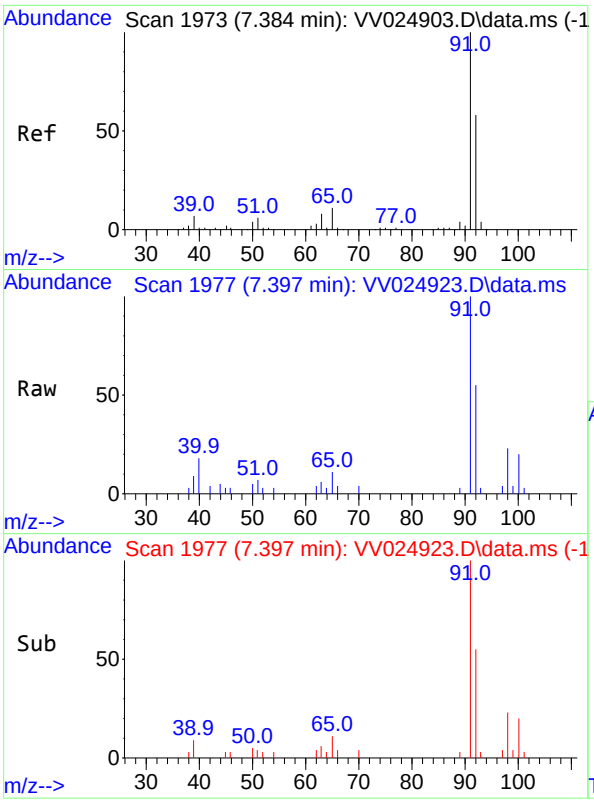


#40
4-Methyl-2-pentanone
Concen: 32.615 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.090 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 43 Resp: 2400

Ion	Ratio	Lower	Upper
43	100		
58	213.6	34.8	52.2#
100	17788.0	14.2	21.2#



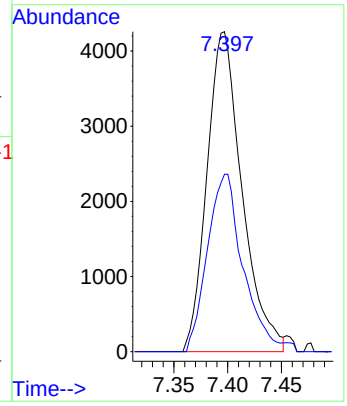


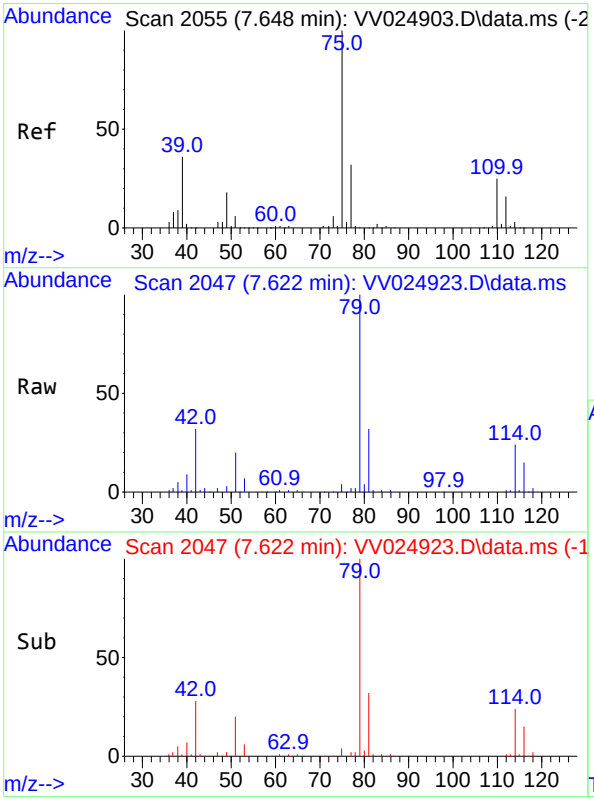
#42
Toluene
Concen: 37.657 ug/L
RT: 7.397 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 91 Resp: 9665

Ion	Ratio	Lower	Upper
91	100		
92	55.4	40.8	75.8

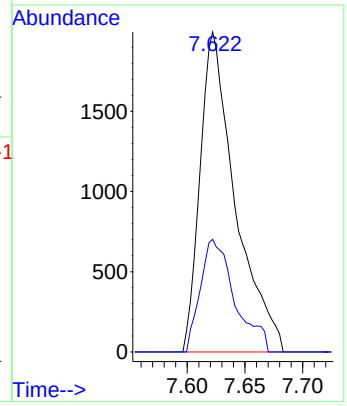


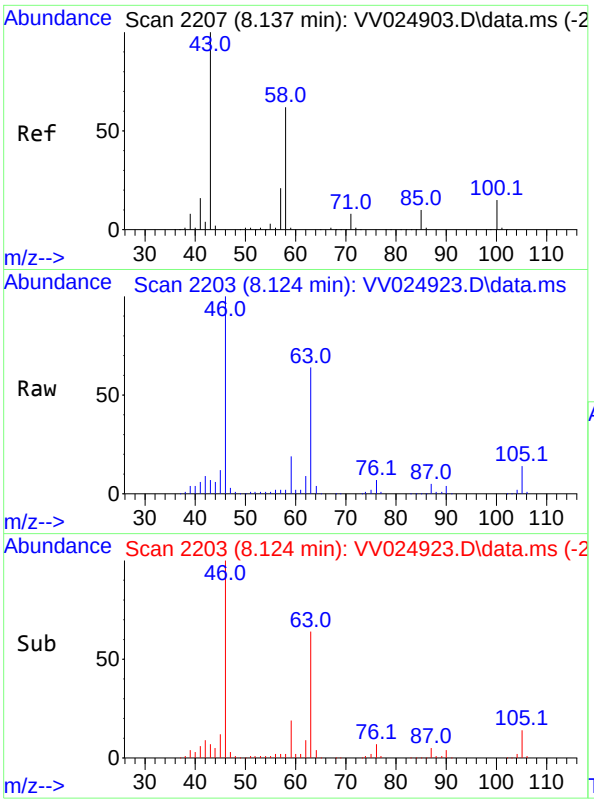


#44
trans-1,3-Dichloropropene
Concen: 49.472 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion: 75 Resp: 4222

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.5	41.9



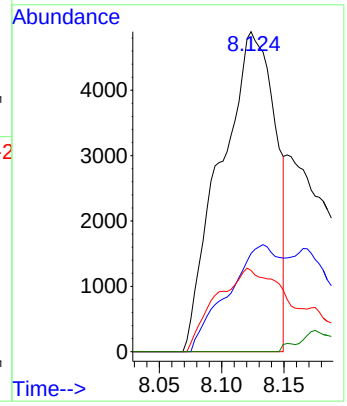


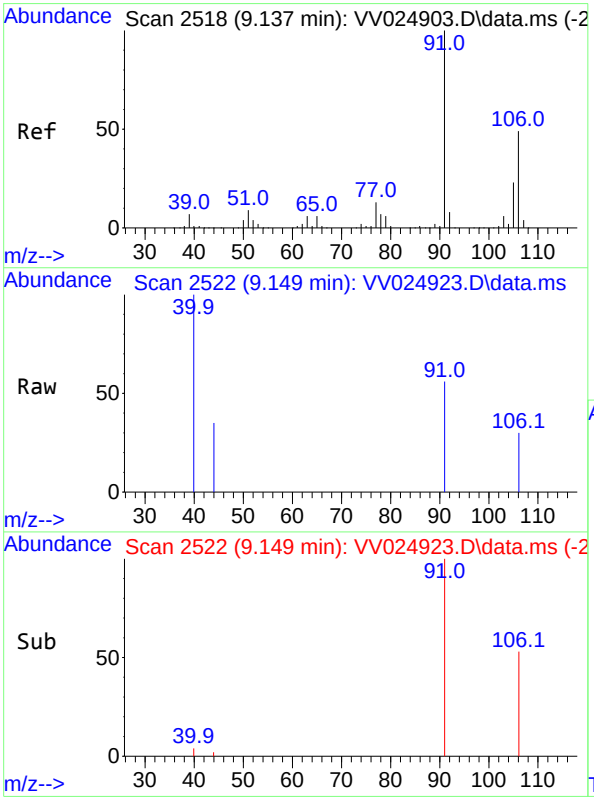
#48
2-Hexanone
Concen: 258.629 ug/L
RT: 8.124 min Scan# 2
Delta R.T. -0.013 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 43 Resp: 14978

Ion	Ratio	Lower	Upper
43	100		
58	31.8	48.6	72.8#
57	8.3	16.5	24.7#
100	0.6	11.4	17.0#

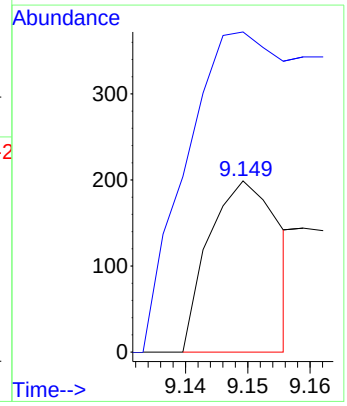


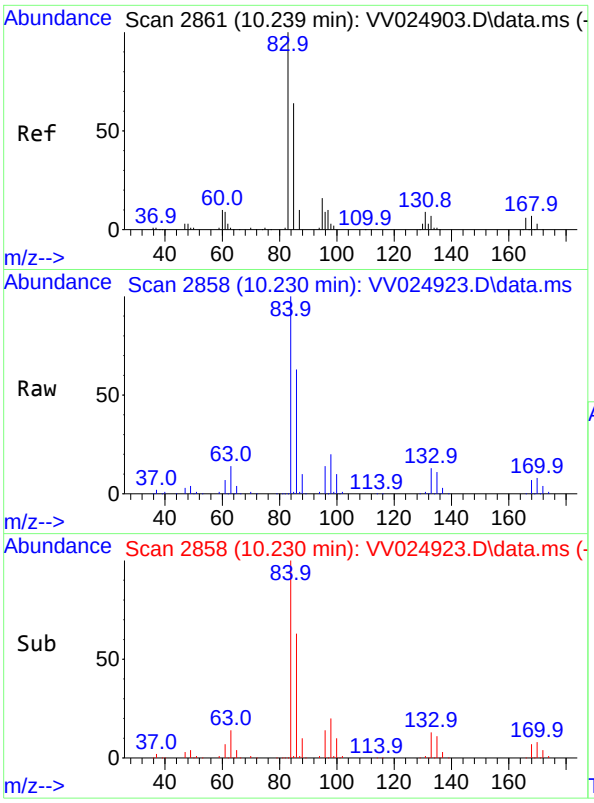


#53
m,p-Xylene
Concen: 1.500 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion:106 Resp: 156

Ion	Ratio	Lower	Upper
106	100		
91	186.9	142.2	264.2



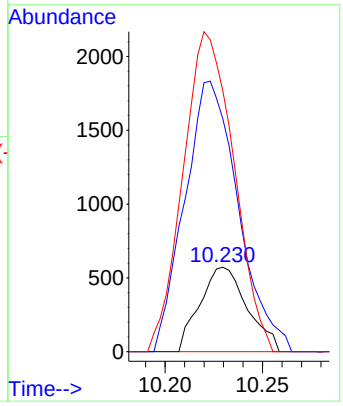


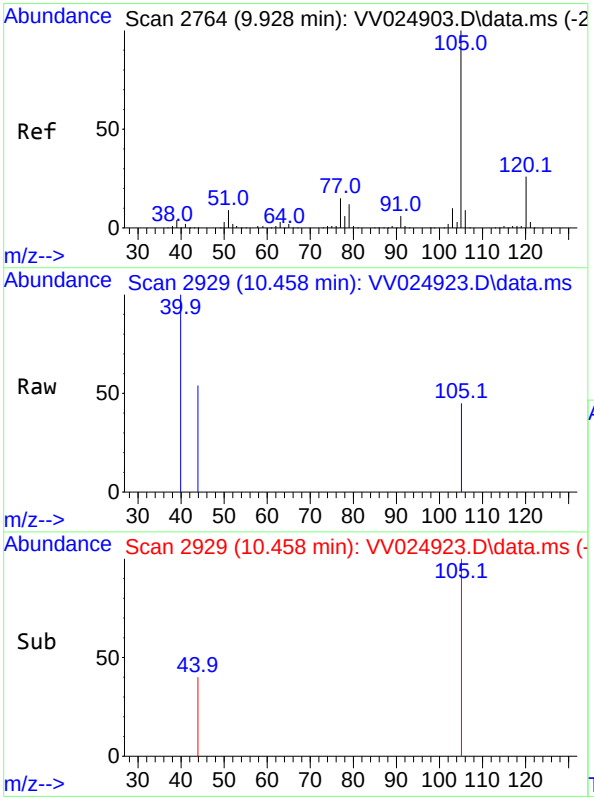
#57
1,1,2,2-Tetrachloroethane
Concen: 11.540 ug/L
RT: 10.230 min Scan# 2
Delta R.T. -0.010 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 83 Resp: 968

Ion	Ratio	Lower	Upper
83	100		
85	276.2	44.2	82.2#
131	309.6	7.0	10.4#

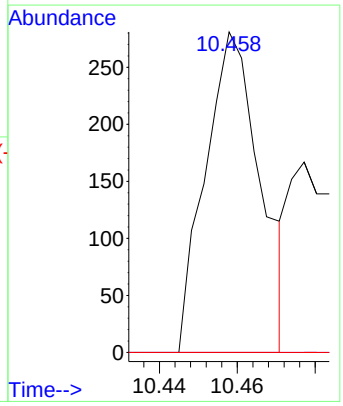


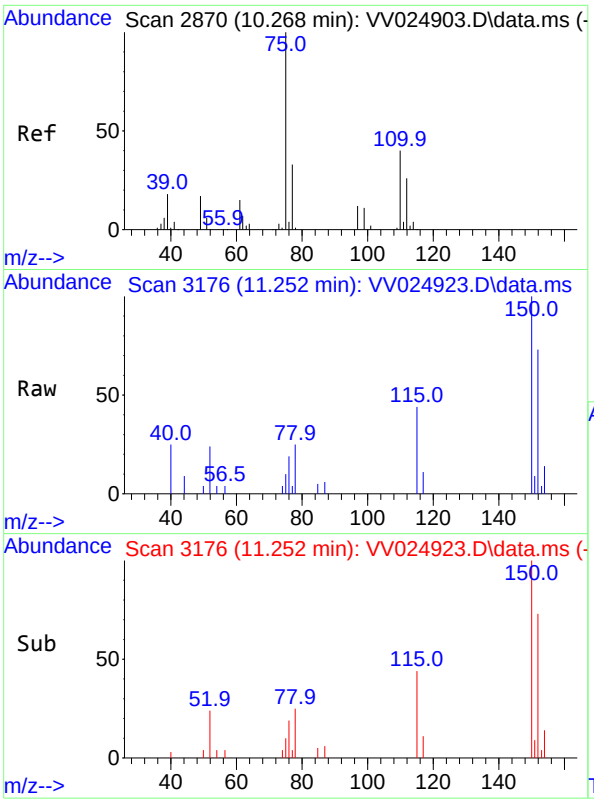


#60
Isopropylbenzene
Concen: 0.927 ug/L
RT: 10.458 min Scan# 2929
Delta R.T. 0.530 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion:105 Resp: 275

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	31.0#
77	0.0	12.3	18.5#



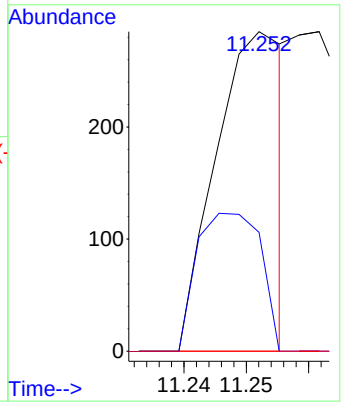


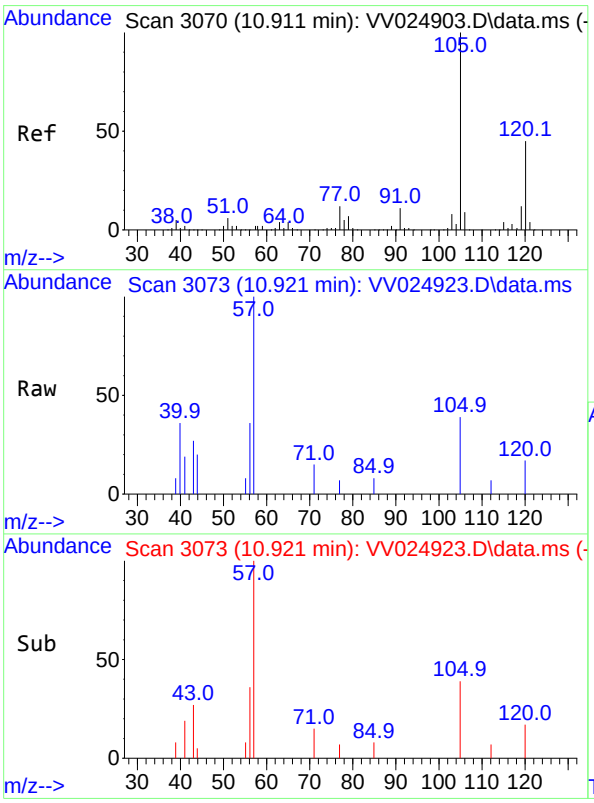
#61
1,2,3-Trichloropropane
Concen: 2.629 ug/L
RT: 11.252 min Scan# 3
Delta R.T. 0.984 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :
DBSD2ME

Tgt Ion: 75 Resp: 215

Ion	Ratio	Lower	Upper
75	100		
77	40.5	25.4	38.0#
110	0.0	31.4	47.2#





#63
1,2,4-Trimethylbenzene
Concen: 4.176 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.009 min
Lab File: VV024923.D
Acq: 10 Mar 2022 18:06

Tgt Ion:105 Resp: 1025

Ion	Ratio	Lower	Upper
105	100		
120	35.9	36.1	54.1#