Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023823.D
Acq On : 07 Dec 2021 15:19
Operator : SY/MD
Sample : M4879-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 08 01:15:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55743	4.984	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.568	69	41777	4.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.108	63	73902	3.749	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.000%			
20) 2-Butanone-d5	3.892	46	100684	74.879	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 149.760%#			
24) Chloroform-d	4.349	84	96179	4.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.034	65	46769	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.050	84	191129	5.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	6.069	67	53087	5.468	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.400%			
41) Toluene-d8	7.317	98	178845	5.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.600%			
43) trans-1,3-Dichloroprop...	7.622	79	22069	5.640	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 112.800%			
46) 2-Hexanone-d5	8.088	63	92384	71.056	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.120%#			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37743	5.403	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	72335	5.835	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	626	0.053	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	646	0.071	ug/L #	1
13) Acetone	2.185	43	9830	8.124	ug/L	83
15) Methyl Acetate	2.433	43	2210	0.805	ug/L #	50
18) trans-1,2-Dichloroethene	2.764	96	4170	0.401	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	124663	12.502	ug/L	96
25) Chloroform	4.407	83	21871	1.123	ug/L #	26
30) Cyclohexane	4.677	56	42000	3.030	ug/L	97
34) Trichloroethene	5.912	95	122195	12.587	ug/L	98
35) Methylcyclohexane	6.130	83	21272	1.405	ug/L	92
38) Bromodichloromethane	6.561	83	7754	0.663	ug/L #	27
42) Toluene	7.391	91	53691	1.366	ug/L	96
45) 1,1,2-Trichloroethane	7.793	97	3398	0.570	ug/L #	21
47) Tetrachloroethene	7.976	164	692388	78.355	ug/L	98
49) Dibromochloromethane	7.976	129	615045	75.242	ug/L #	11
52) Ethylbenzene	9.011	91	247743	6.030	ug/L	98
53) m,p-xylene	9.137	106	196762	12.033	ug/L	96
54) o-xylene	9.542	106	39162	2.518	ug/L	98
55) Styrene	9.542	104	2411	0.092	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023823.D
Acq On : 07 Dec 2021 15:19
Operator : SY/MD
Sample : M4879-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 08 01:15:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 1,1,2,2-Tetrachloroethane	10.246	83	900	0.136	ug/L	#	26
60) Isopropylbenzene	10.445	105	609427	14.557	ug/L	#	91
61) 1,2,3-Trichloropropane	10.355	75	959	0.193	ug/L	#	1
62) 1,3,5-Trimethylbenzene	10.538	105	240943	6.916	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	1112038	32.280	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.410	75	986	0.999	ug/L	#	1
71) Naphthalene	13.500	128	99922	5.726	ug/L		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023823.D
Acq On : 07 Dec 2021 15:19
Operator : SY/MD
Sample : M4879-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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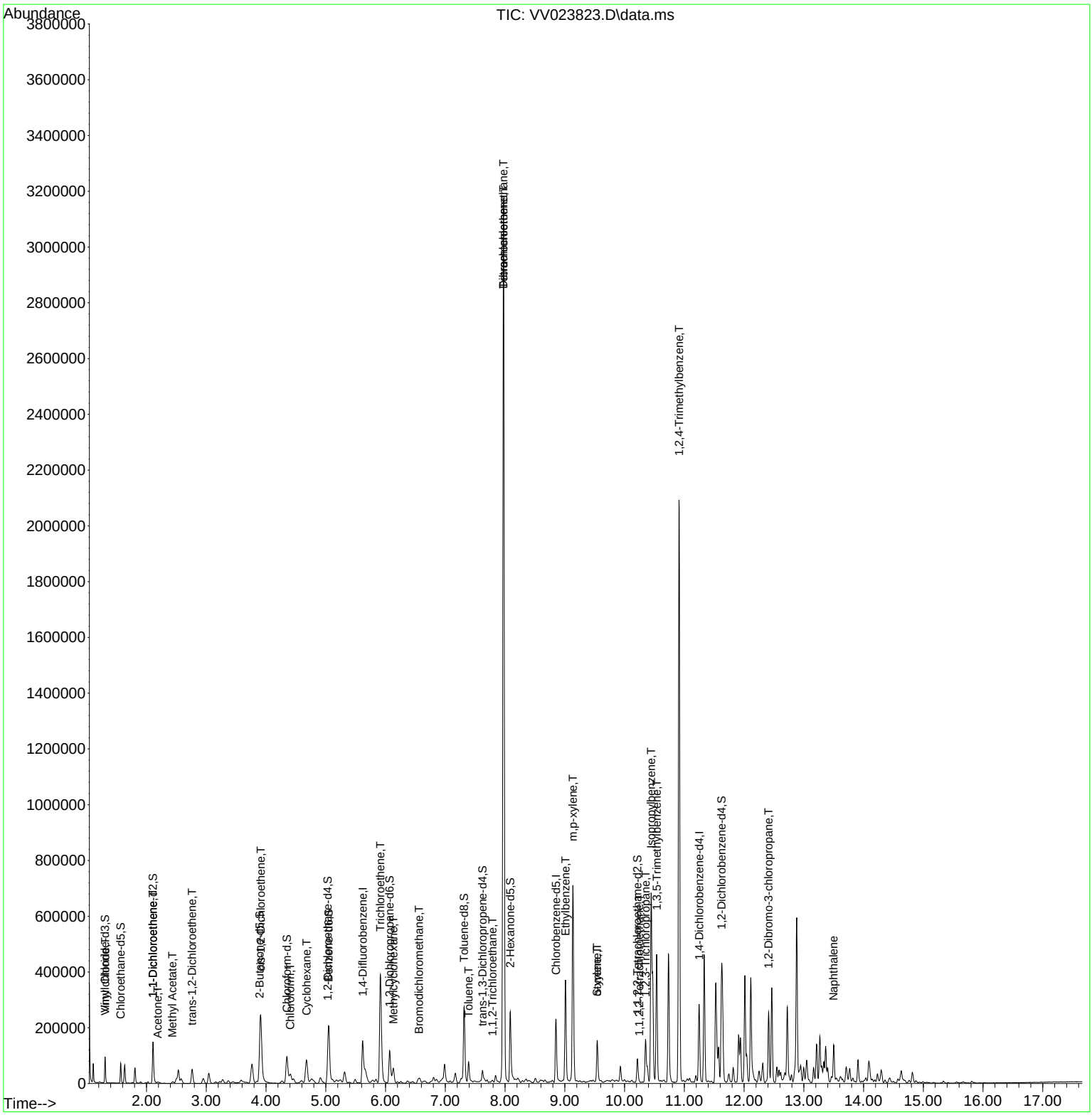
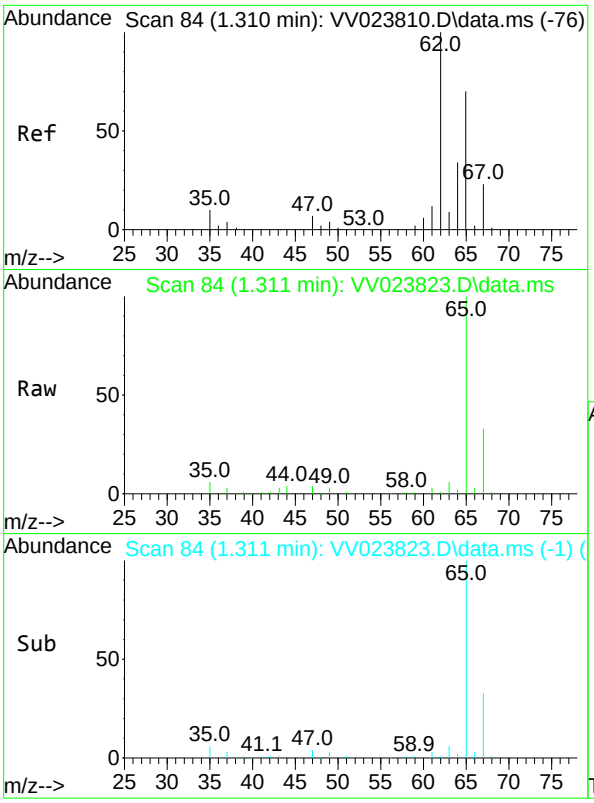
MSVOA_V
ClientSampleId :

Quant Time: Dec 08 01:15:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



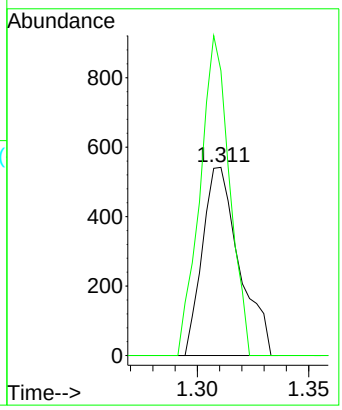


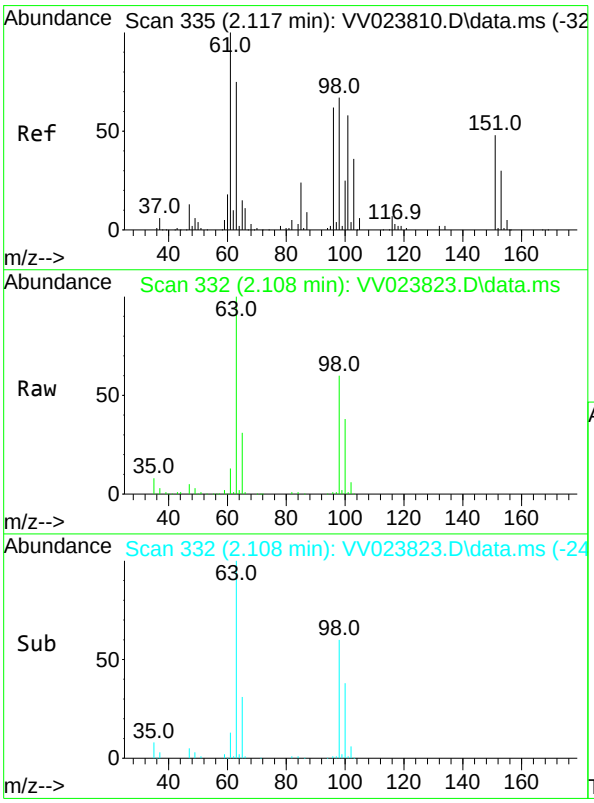
#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 626

Ion	Ratio	Lower	Upper
62	100		
64	151.3	22.4	41.6#

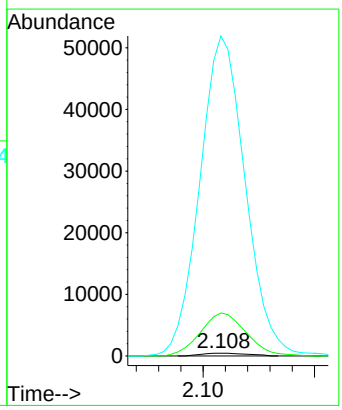


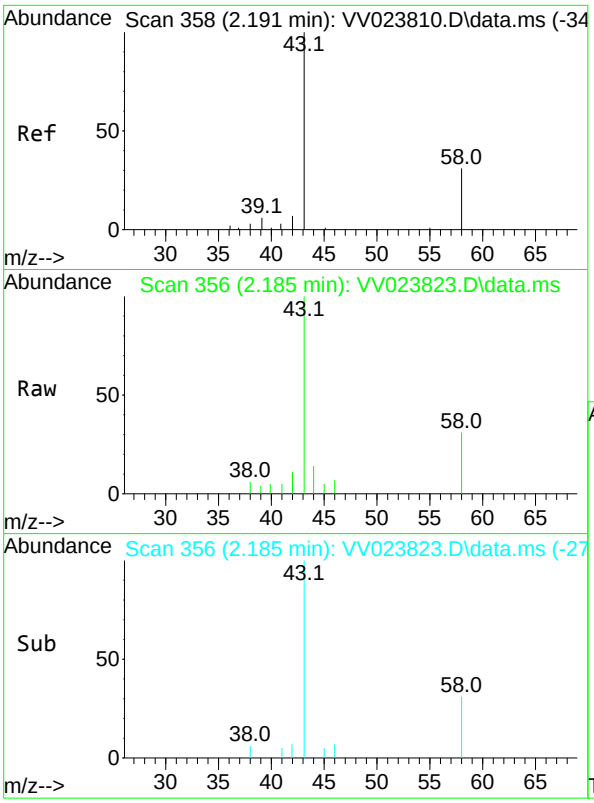


#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.009 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 96 Resp: 646

Ion	Ratio	Lower	Upper
96	100		
61	1552.2	116.1	215.5#
63	11539.6	79.4	147.4#



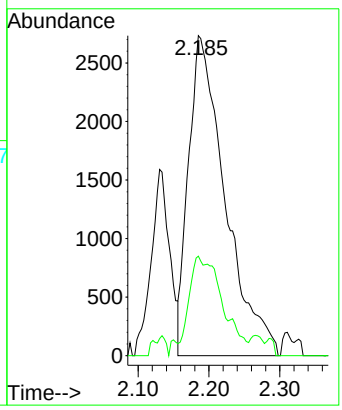


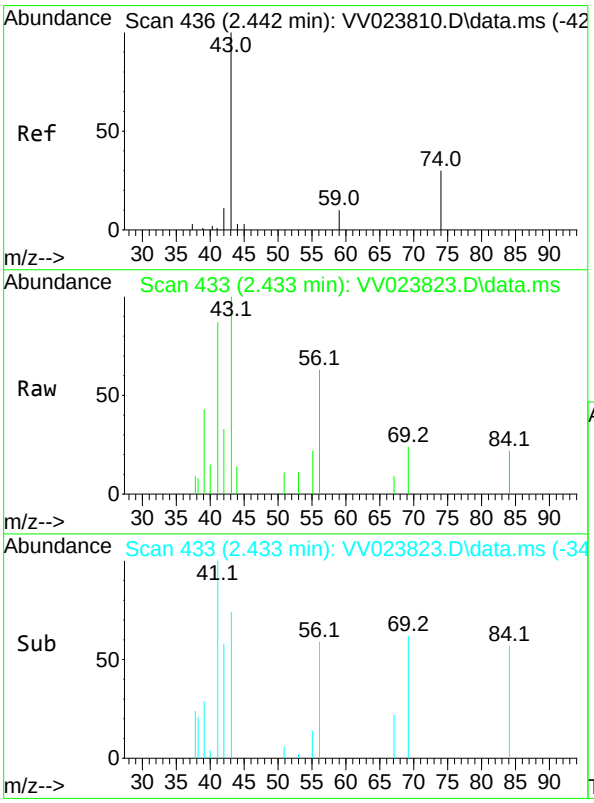
#13
Acetone
Concen: 8.124 ug/L
RT: 2.185 min Scan# 3
Delta R.T. -0.038 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9830

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	41.4

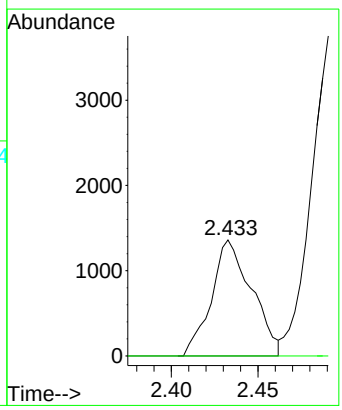


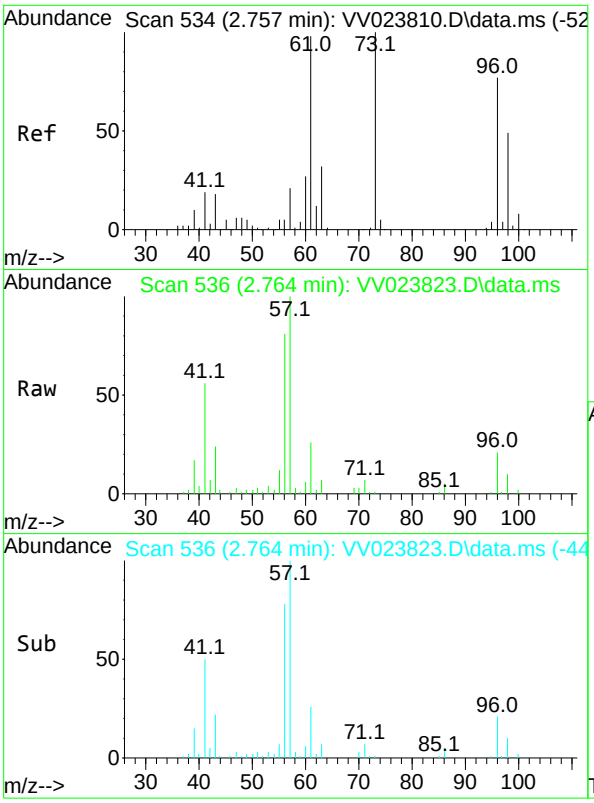


#15
Methyl Acetate
Concen: 0.805 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.009 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 43 Resp: 2210

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#



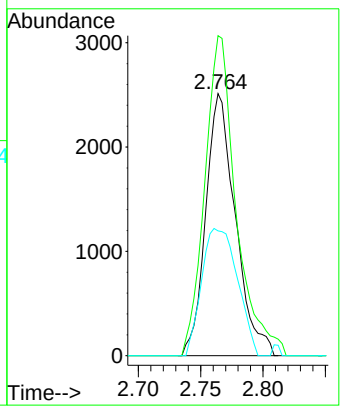


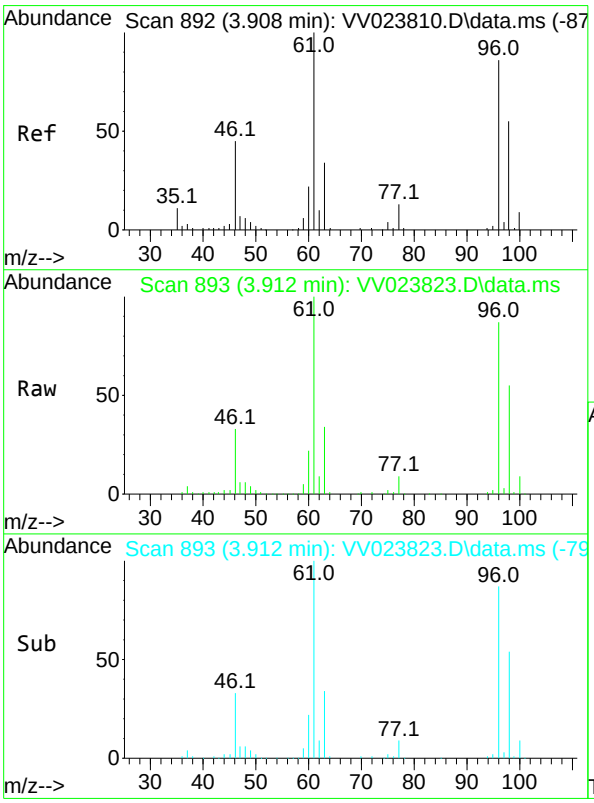
#18
trans-1,2-Dichloroethene
Concen: 0.401 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 4170

Ion	Ratio	Lower	Upper
96	100		
61	122.1	88.2	163.8
98	47.6	44.9	83.5

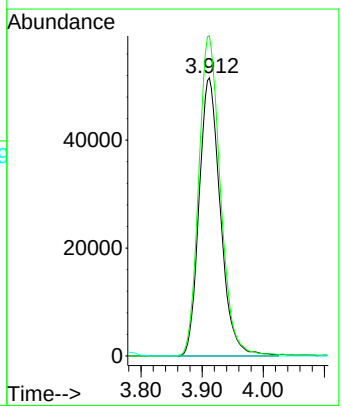


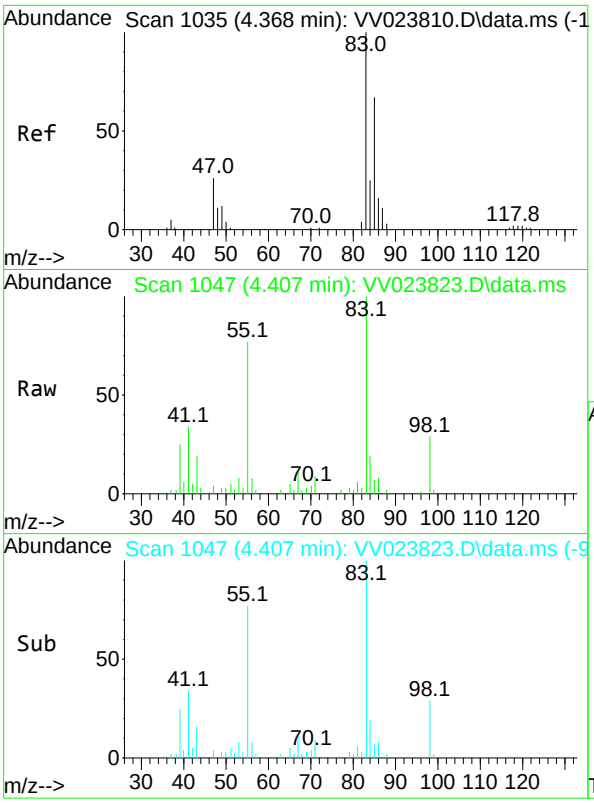


#22
cis-1,2-Dichloroethene
Concen: 12.502 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 96 Resp: 124663

Ion	Ratio	Lower	Upper
96	100		
61	115.1	83.4	154.8
68	0.0	0.0	0.0



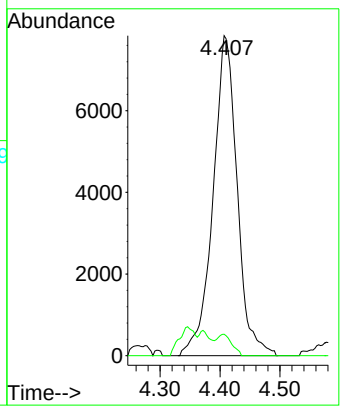


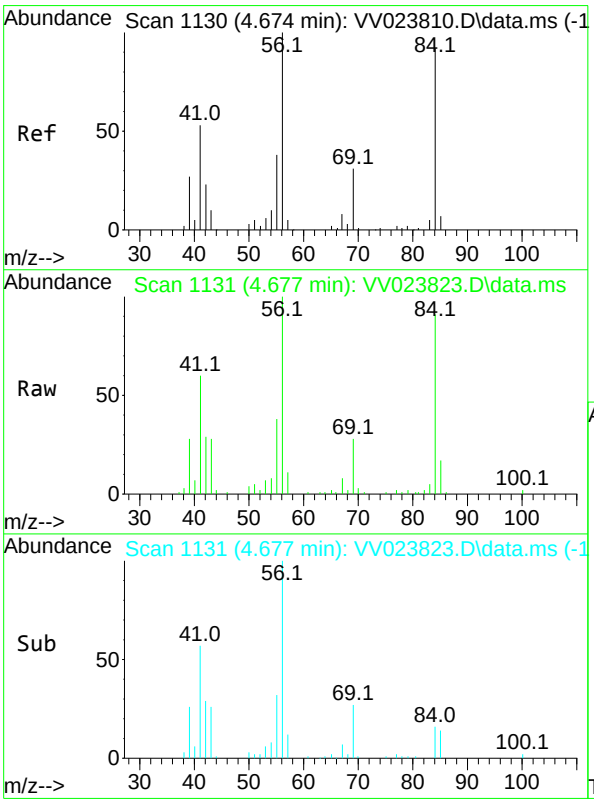
#25
Chloroform
Concen: 1.123 ug/L
RT: 4.407 min Scan# 1
Delta R.T. 0.036 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 21871

Ion	Ratio	Lower	Upper
83	100		
85	6.7	45.2	84.0#

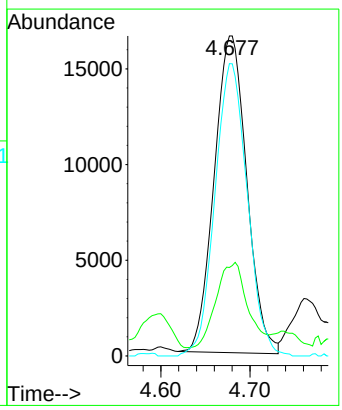


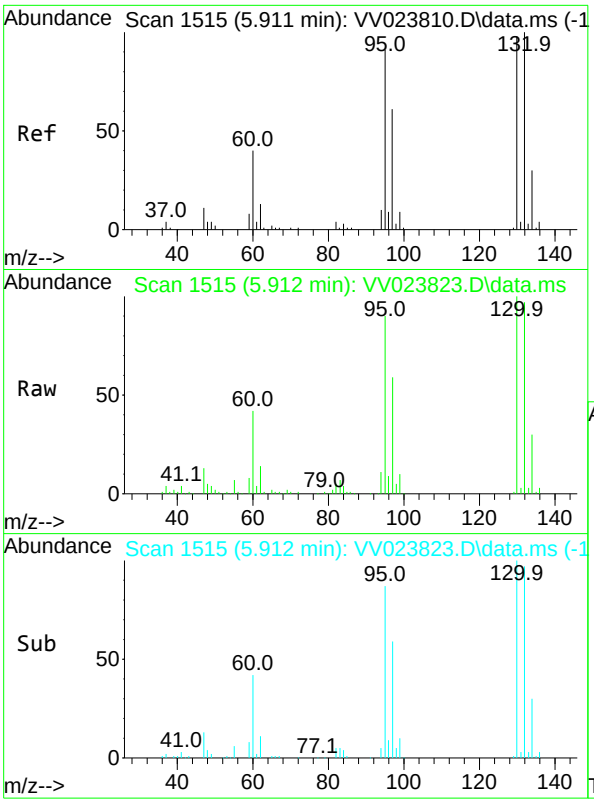


#30
Cyclohexane
Concen: 3.030 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 56 Resp: 42000

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.8	37.2
84	91.6	75.9	113.9



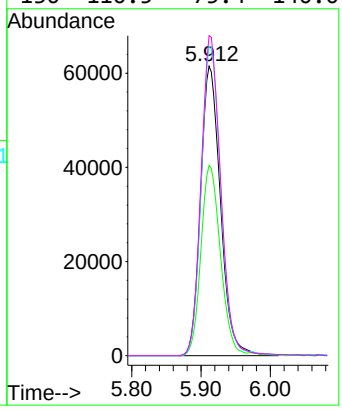


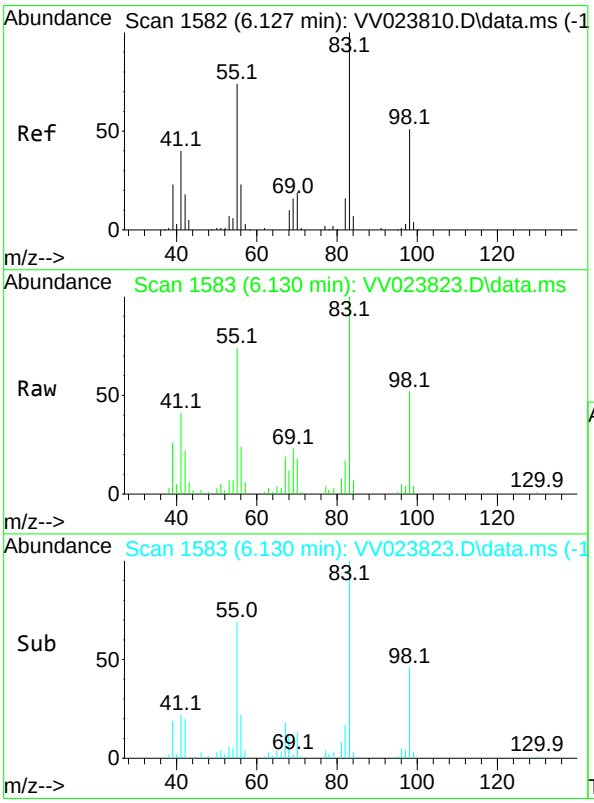
#34
Trichloroethene
Concen: 12.587 ug/L
RT: 5.912 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 122195

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.2	84.0
132	106.9	76.1	141.3
130	110.5	75.4	140.0

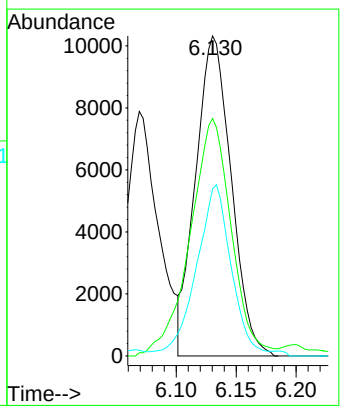


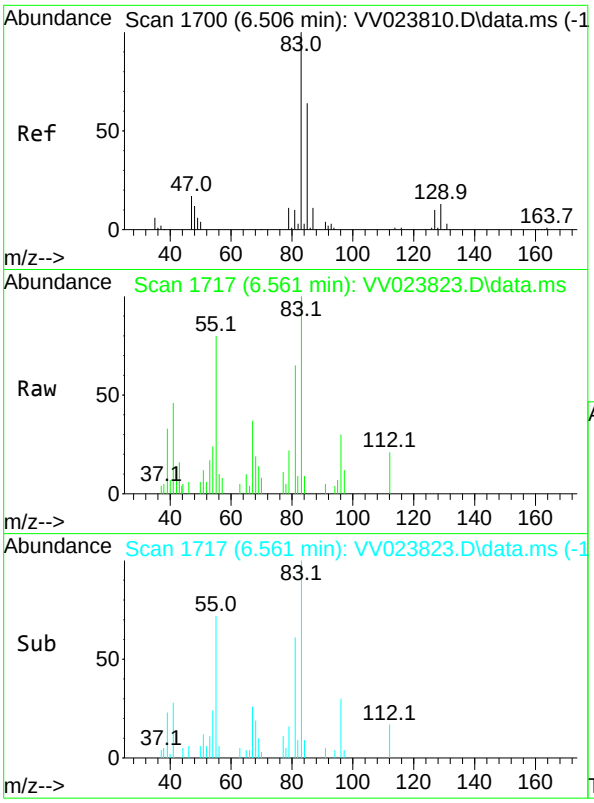


#35
Methylcyclohexane
Concen: 1.405 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 83 Resp: 21272

Ion	Ratio	Lower	Upper
83	100		
55	85.8	60.2	90.2
98	50.3	41.0	61.4



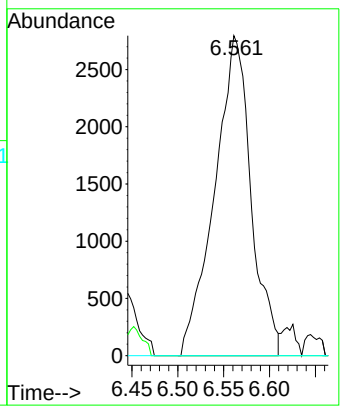


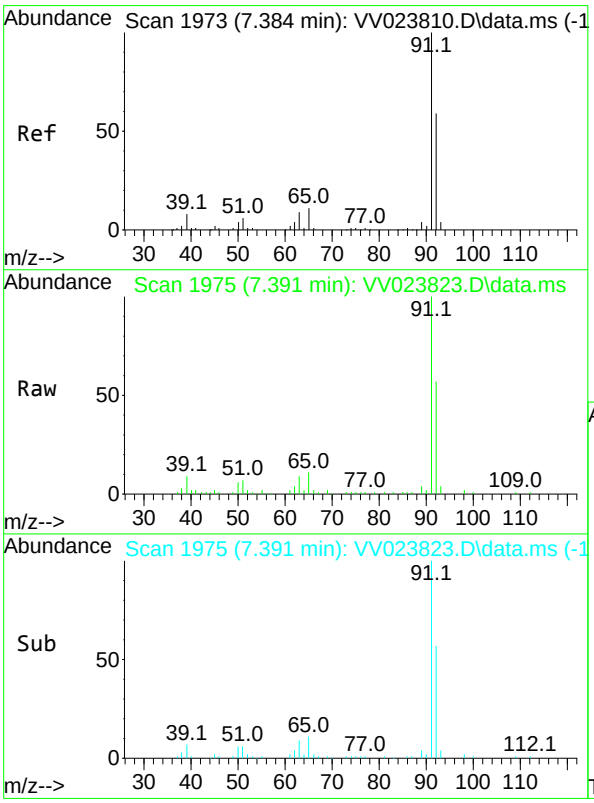
#38
Bromodichloromethane
Concen: 0.663 ug/L
RT: 6.561 min Scan# 1
Delta R.T. 0.055 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7754

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.0	81.8#
127	0.0	8.6	12.8#

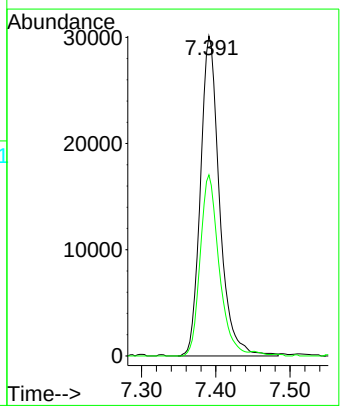


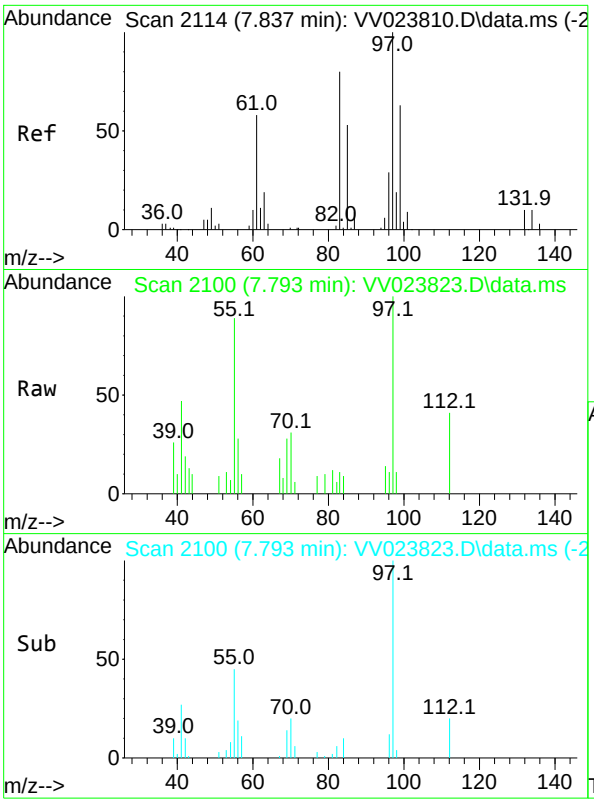


#42
Toluene
Concen: 1.366 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 91 Resp: 53691

Ion	Ratio	Lower	Upper
91	100		
92	56.6	41.5	77.1



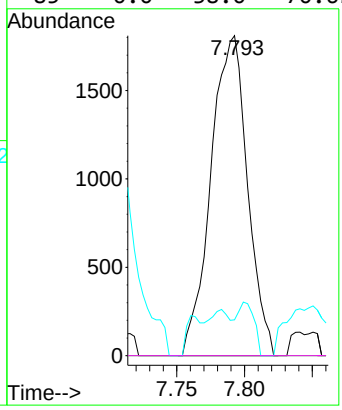


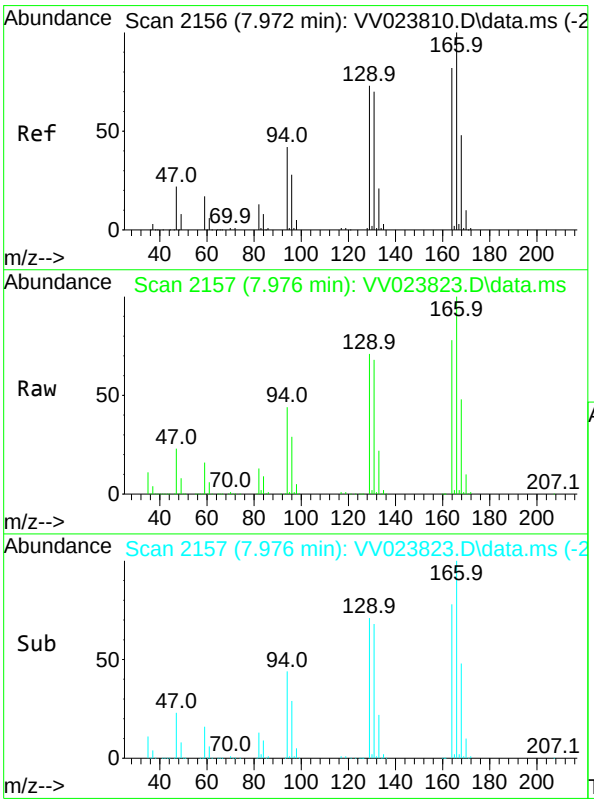
#45
1,1,2-Trichloroethane
Concen: 0.570 ug/L
RT: 7.793 min Scan# 21
Delta R.T. -0.045 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 3398

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.1	80.1#
83	11.2	57.9	107.5#
85	0.0	38.0	70.6#

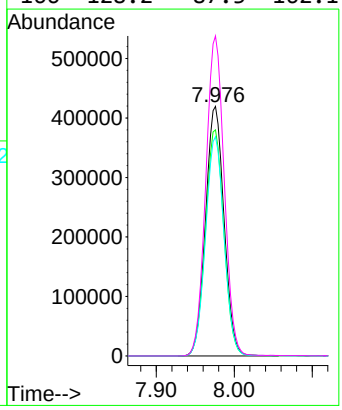


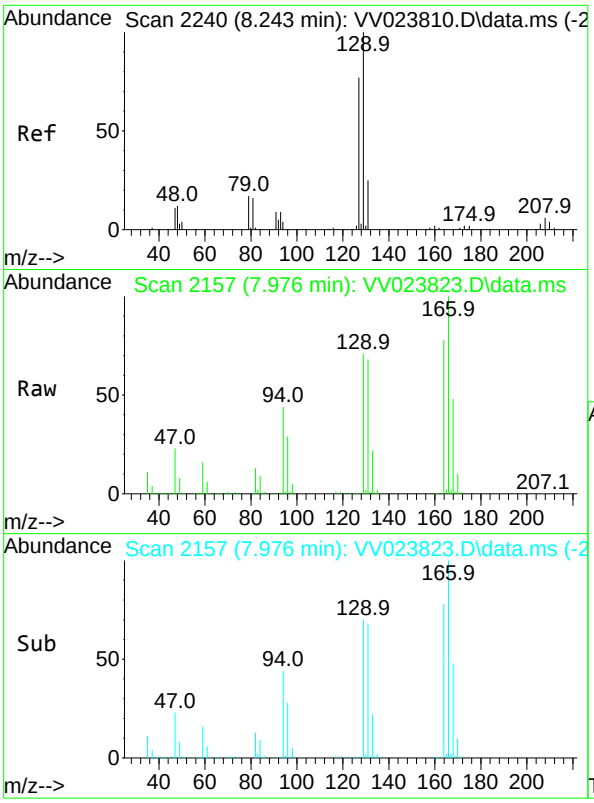


#47
Tetrachloroethene
Concen: 78.355 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion:164 Resp: 692388

Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.6	116.2
131	87.8	61.0	113.4
166	128.2	87.3	162.1



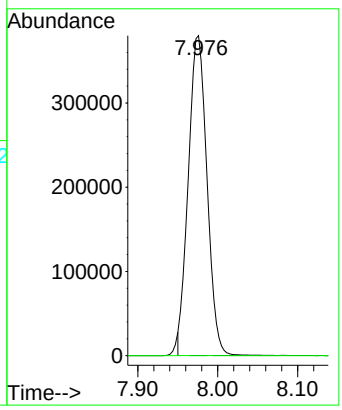


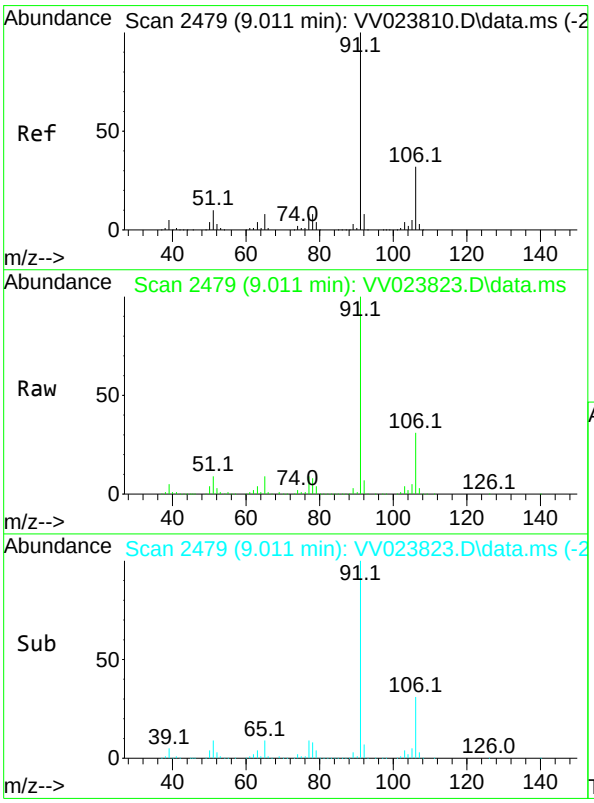
#49
Dibromochloromethane
Concen: 75.242 ug/L
RT: 7.976 min Scan# 2
Delta R.T. -0.267 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 615045

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.3#

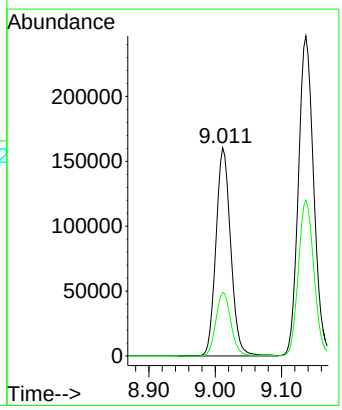


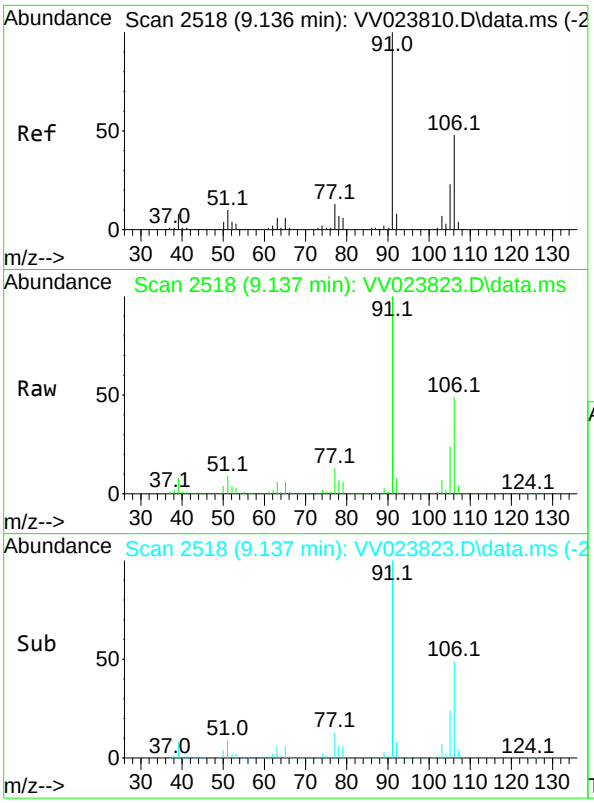


#52
Ethylbenzene
Concen: 6.030 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 91 Resp: 247743

Ion	Ratio	Lower	Upper
91	100		
106	30.5	22.0	41.0



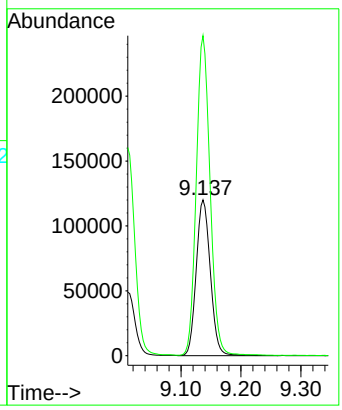


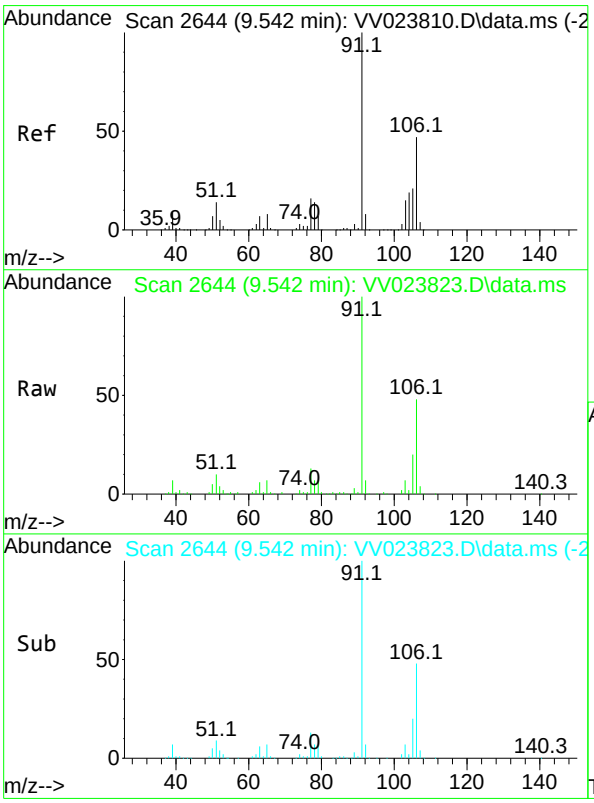
#53
m,p-xylene
Concen: 12.033 ug/L
RT: 9.137 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 196762

Ion	Ratio	Lower	Upper
106	100		
91	205.2	139.5	259.1

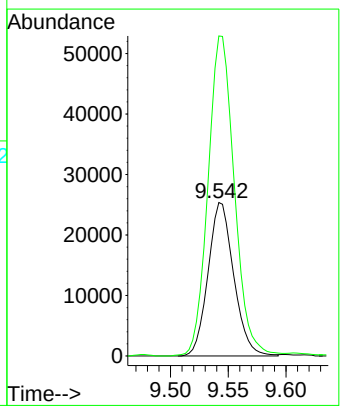


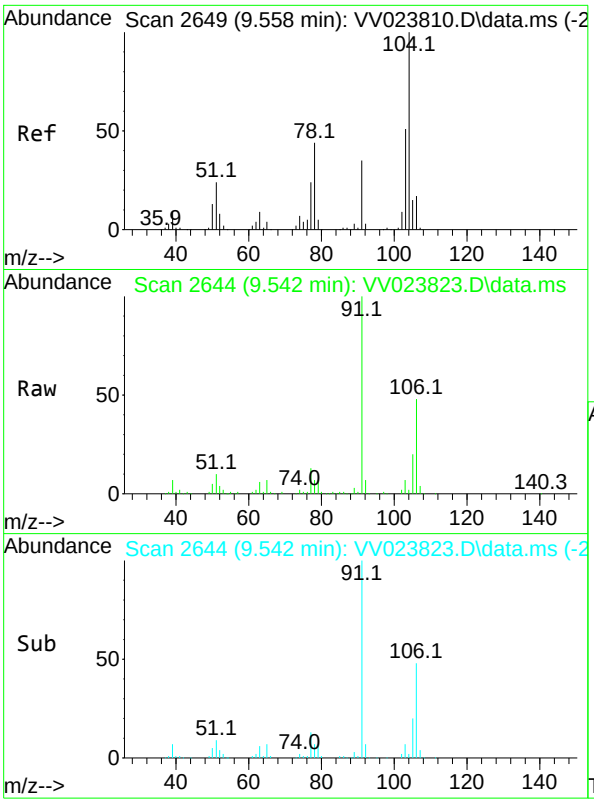


#54
o-xylene
Concen: 2.518 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion:106 Resp: 39162

Ion	Ratio	Lower	Upper
106	100		
91	208.5	147.9	274.7



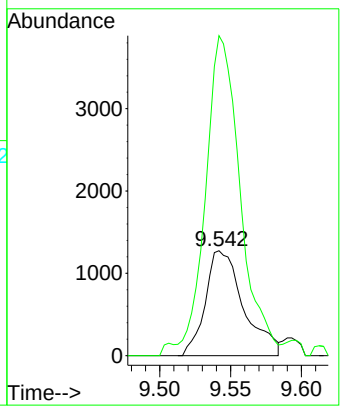


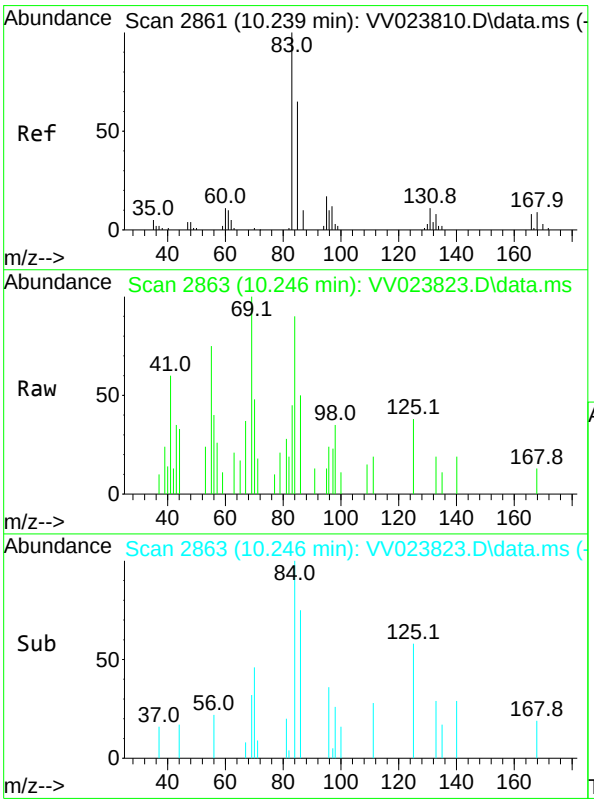
#55
Styrene
Concen: 0.092 ug/L
RT: 9.542 min Scan# 2
Delta R.T. -0.016 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 2411

Ion	Ratio	Lower	Upper
104	100		
78	304.9	31.0	57.6#

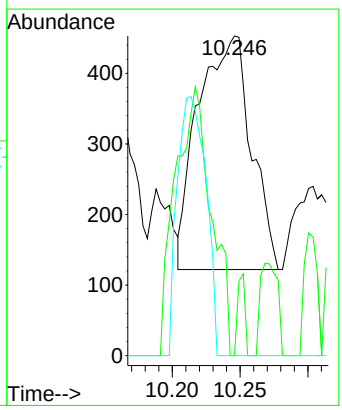


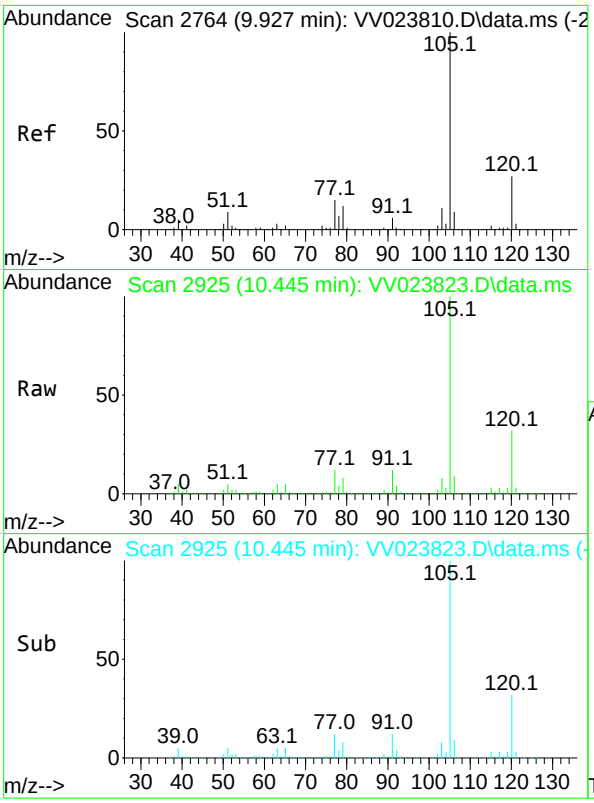


#57
1,1,2,2-Tetrachloroethane
Concen: 0.136 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.007 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 83 Resp: 900

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.6	82.8#
131	0.0	8.3	12.5#



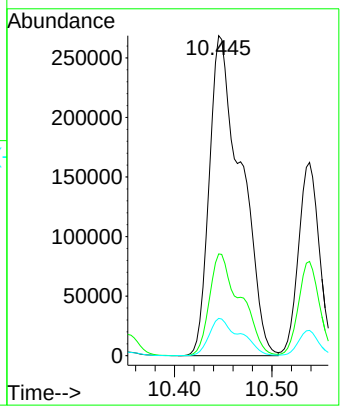


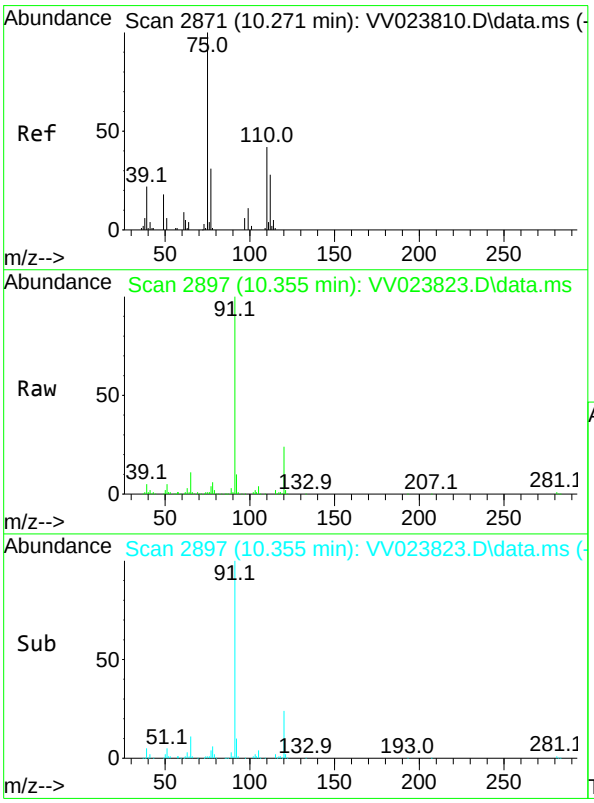
#60
Isopropylbenzene
Concen: 14.557 ug/L
RT: 10.445 min Scan# 2
Delta R.T. 0.515 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 609427

Ion	Ratio	Lower	Upper
105	100		
120	31.0	21.4	32.0
77	11.4	12.2	18.4#

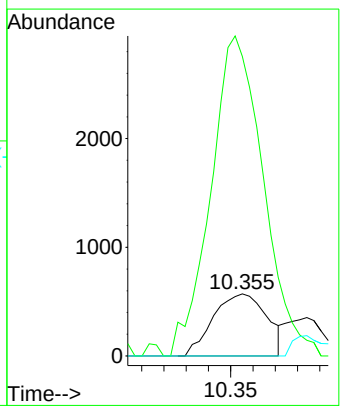


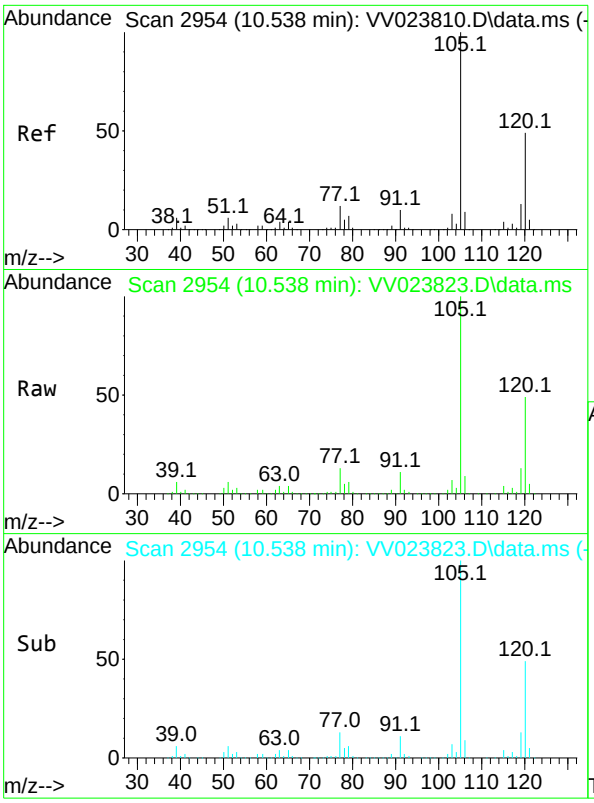


#61
1,2,3-Trichloropropane
Concen: 0.193 ug/L
RT: 10.355 min Scan# 2897
Delta R.T. 0.084 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion: 75 Resp: 959

Ion	Ratio	Lower	Upper
75	100		
77	502.9	26.4	39.6#
110	17.6	34.2	51.2#



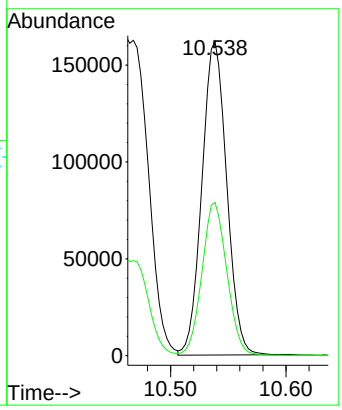


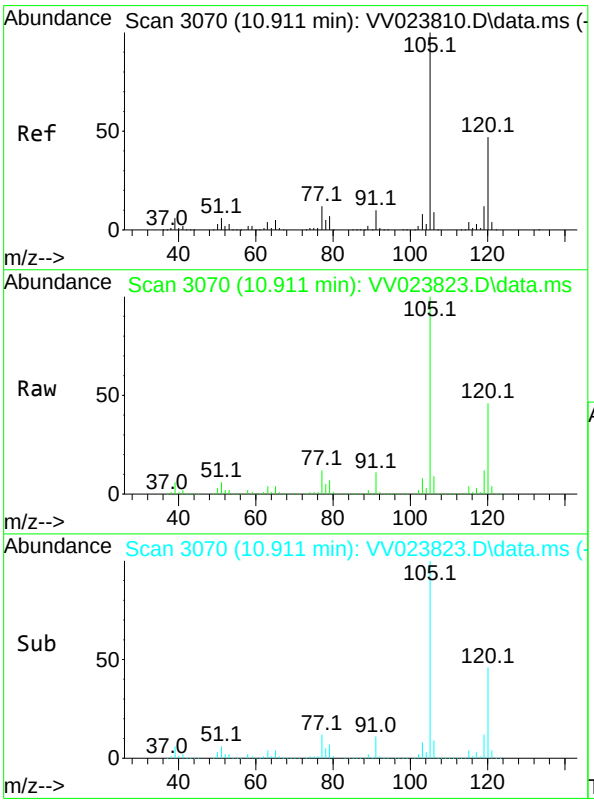
#62
1,3,5-Trimethylbenzene
Concen: 6.916 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 240943

Ion	Ratio	Lower	Upper
105	100		
120	49.2	40.1	60.1

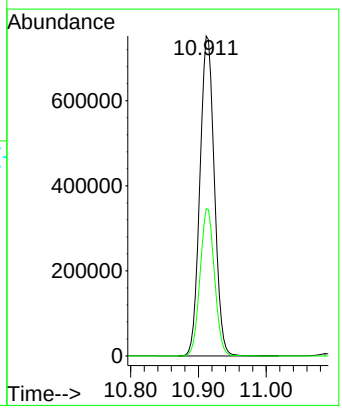


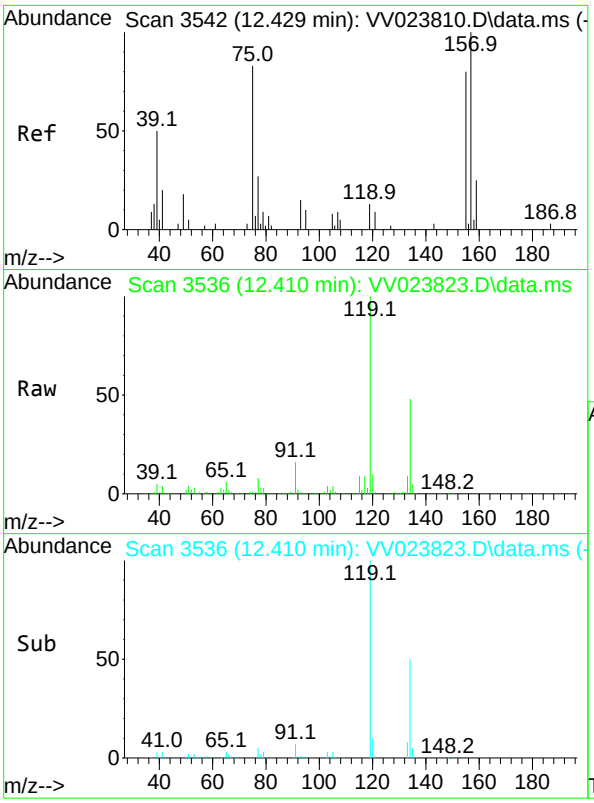


#63
1,2,4-Trimethylbenzene
Concen: 32.280 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion:105 Resp: 1112038

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.7	55.1



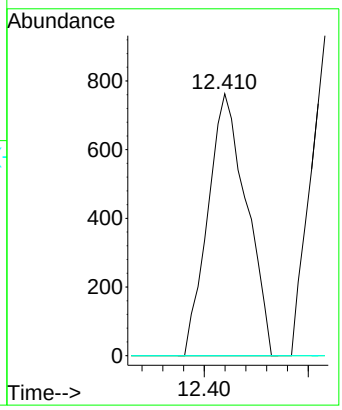


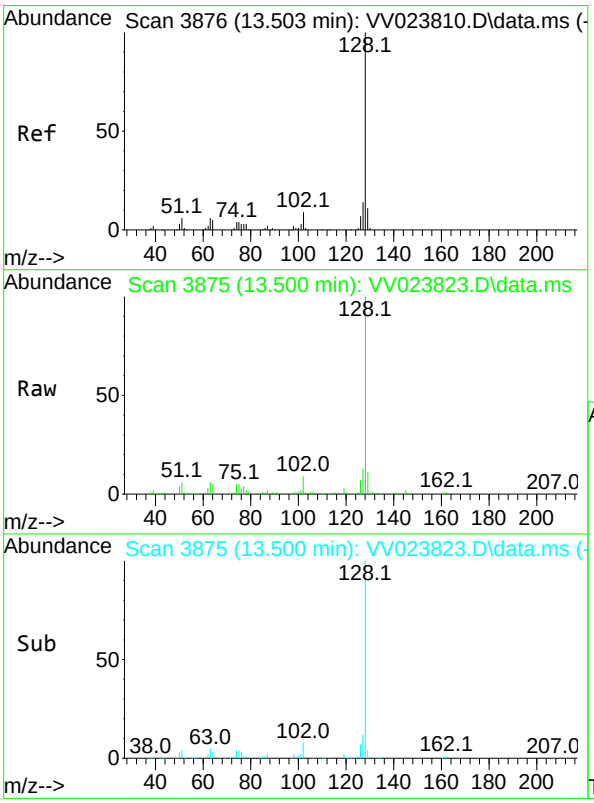
#68
1,2-Dibromo-3-chloropropane
Concen: 0.999 ug/L
RT: 12.410 min Scan# 3
Delta R.T. -0.016 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 986

Ion	Ratio	Lower	Upper
75	100		
155	0.0	71.7	107.5#
157	0.0	103.3	154.9#





#71
Naphthalene
Concen: 5.726 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion:128 Resp: 99922

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.6	10.2	15.4