Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 24 01:16:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37859	3.186	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.800%			
7) Chloroethane-d5	1.568	69	36502	4.195	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.800%			
11) 1,1-Dichloroethene-d2	2.108	63	56416	2.937	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.800%#			
20) 2-Butanone-d5	3.915	46	75995	52.916	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.840%			
24) Chloroform-d	4.352	84	84431	4.284	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.034	65	35798	4.344	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.800%			
32) Benzene-d6	5.050	84	167739	4.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.069	67	51978	4.449	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.316	98	145025	3.917	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.625	79	15645	3.842	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.800%			
46) 2-Hexanone-d5	8.091	63	67769	48.786	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.580%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32143	4.677	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	50925	4.441	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
3) Chloromethane	1.297	50	66569	5.307	ug/L #	80
12) 1,1-Dichloroethene	2.117	96	7332	0.765	ug/L #	1
13) Acetone	2.207	43	20571	21.417	ug/L	71
15) Methyl Acetate	2.436	43	8415	3.198	ug/L #	44
17) Methyl tert-butyl Ether	2.773	73	6364	0.305	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	67852	3.455	ug/L	97
21) 2-Butanone	4.011	43	2200	1.451	ug/L	93
25) Chloroform	4.381	83	5267	0.258	ug/L	93
27) 1,2-Dichloroethane	5.111	62	598	0.059	ug/L #	71
29) 1,1,1-Trichloroethane	4.606	97	3442	0.193	ug/L	95
30) Cyclohexane	4.683	56	932	0.054	ug/L #	31
33) Benzene	5.101	78	83661	1.837	ug/L	100
35) Methylcyclohexane	6.072	83	12597	0.656	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5154	0.492	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	981	0.067	ug/L #	52
42) Toluene	7.390	91	62327	1.307	ug/L	100
47) Tetrachloroethene	7.979	164	1494	0.175	ug/L	84
49) Dibromochloromethane	7.976	129	1466	0.187	ug/L #	10
52) Ethylbenzene	9.017	91	8119	0.161	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 24 01:16:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-xylene	9.146	106	3575	0.184	ug/L		87
54) o-xylene	9.548	106	2126	0.114	ug/L		97
55) Styrene	9.577	104	1897	0.063	ug/L		99
61) 1,2,3-Trichloropropane	11.246	75	8475	1.488	ug/L	#	66
63) 1,2,4-Trimethylbenzene	10.911	105	2914	0.071	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.246	75	271	0.278	ug/L	#	1
71) Naphthalene	13.506	128	3039	0.150	ug/L		94

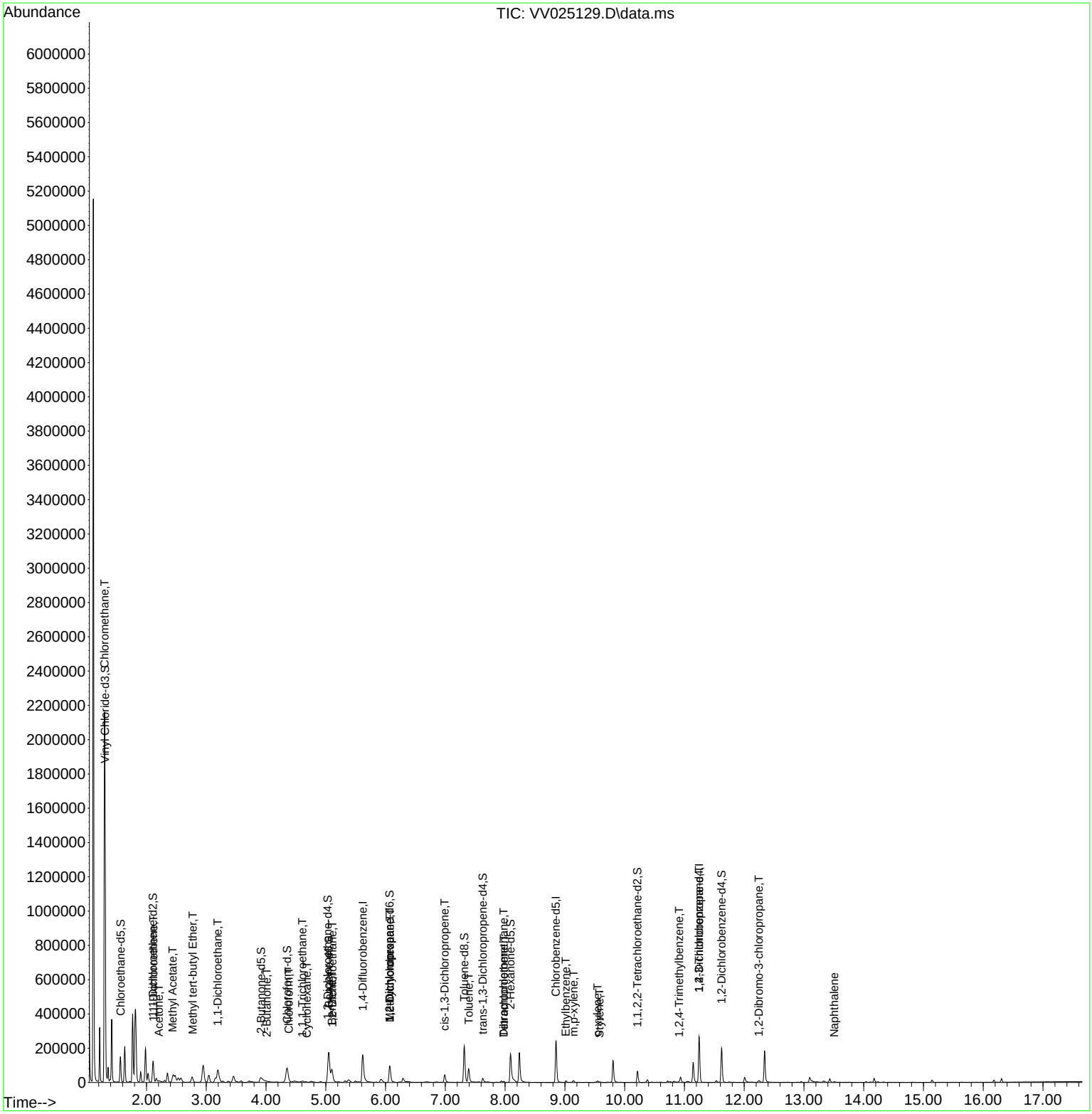
(#) = qualifier out of range (m) = manual integration (+) = signals summed

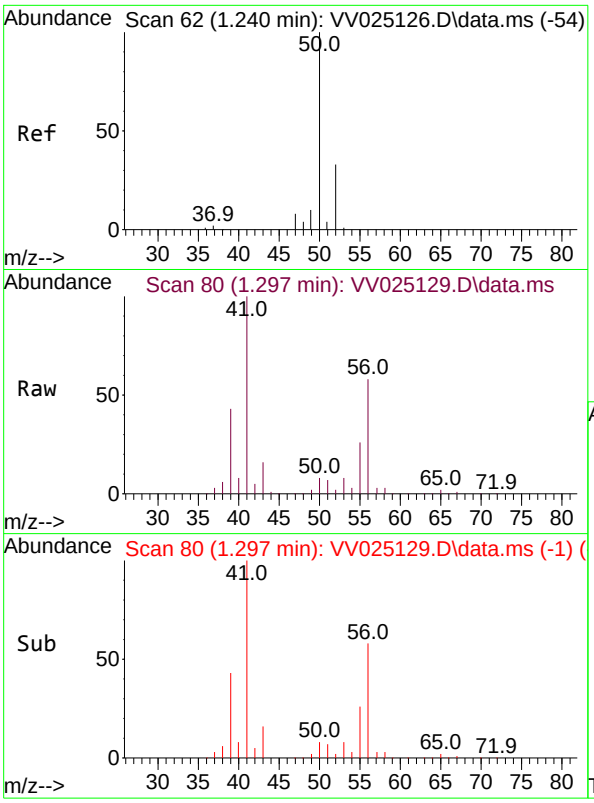
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
Acq On : 23 Mar 2022 13:59
Operator : SY/MD
Sample : N2044-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 24 01:16:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration



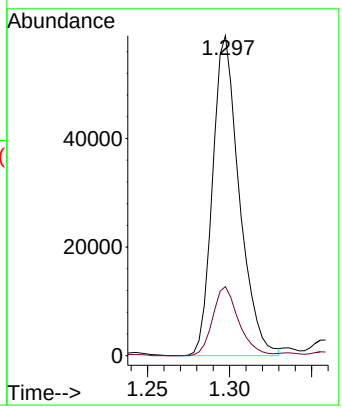


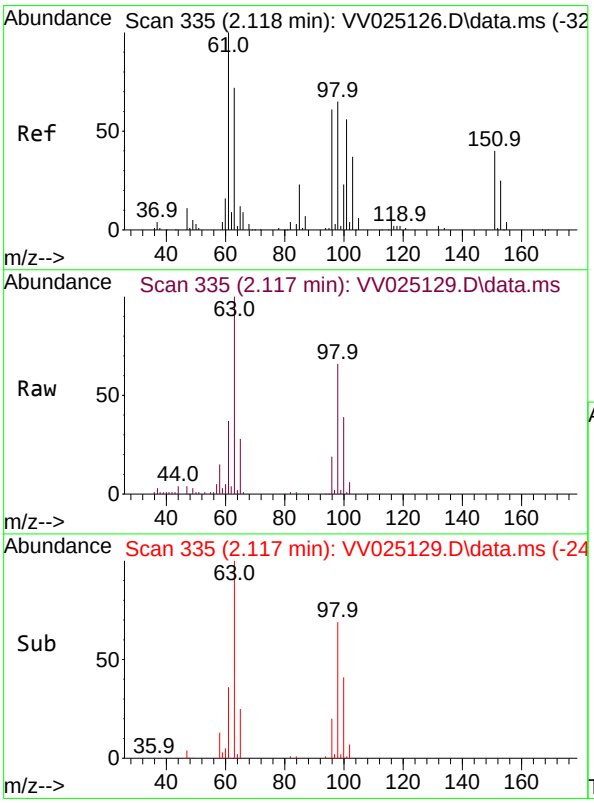
#3
Chloromethane
Concen: 5.307 ug/L
RT: 1.297 min Scan# 8
Delta R.T. 0.058 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 66569

Ion	Ratio	Lower	Upper
50	100		
52	21.6	23.2	43.2#

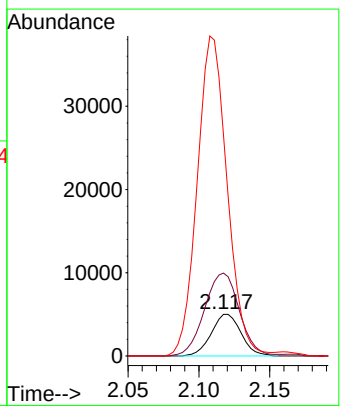


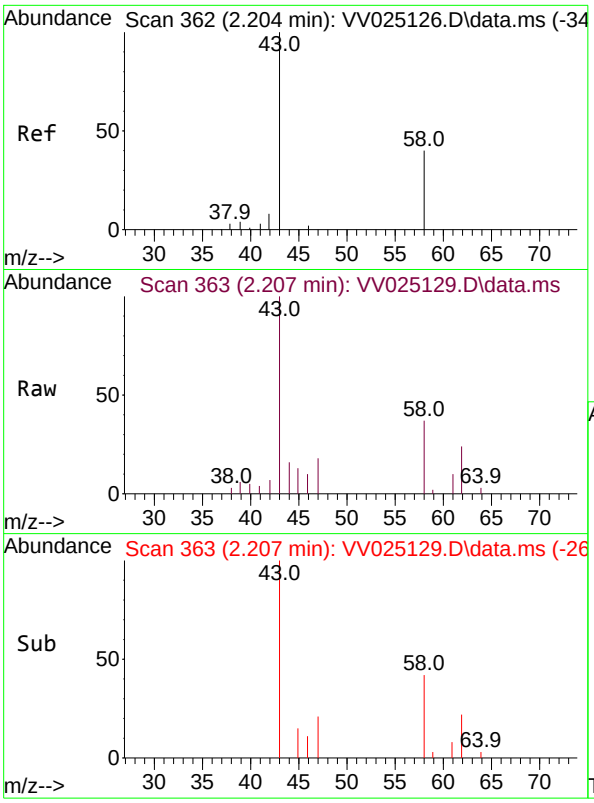


#12
1,1-Dichloroethene
Concen: 0.765 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 96 Resp: 7332

Ion	Ratio	Lower	Upper
96	100		
61	199.0	113.0	209.9
63	530.8	82.1	152.5#



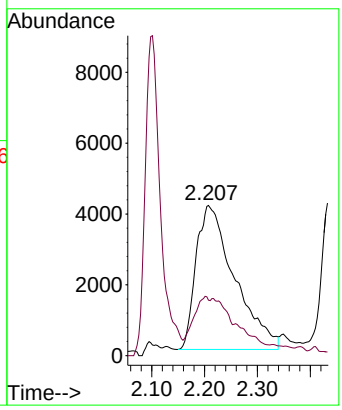


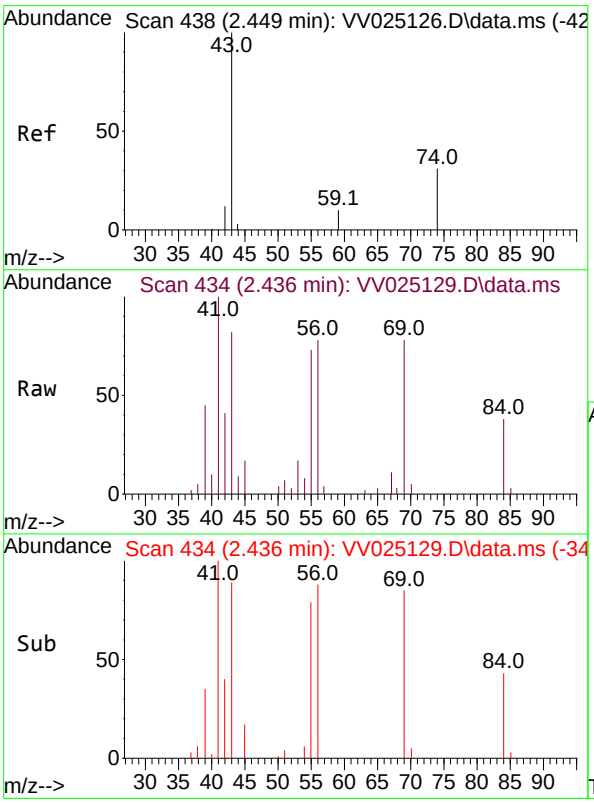
#13
Acetone
Concen: 21.417 ug/L
RT: 2.207 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20571

Ion	Ratio	Lower	Upper
43	100		
58	11.9	0.0	54.2

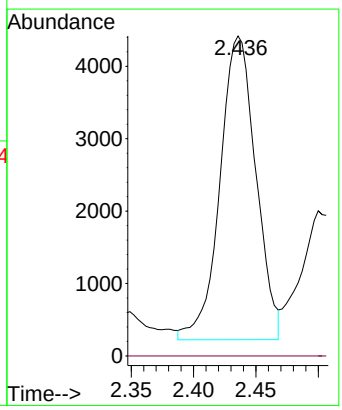


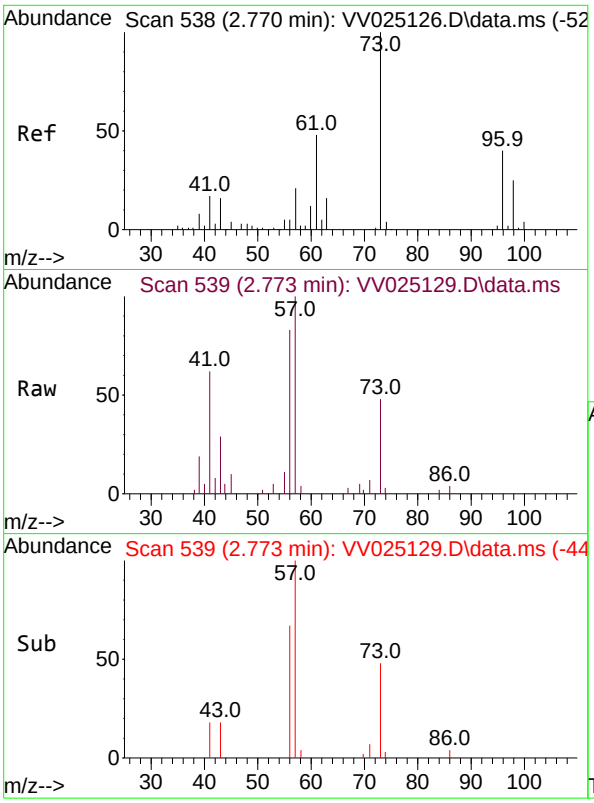


#15
Methyl Acetate
Concen: 3.198 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.013 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 43 Resp: 8415

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.2	36.4#



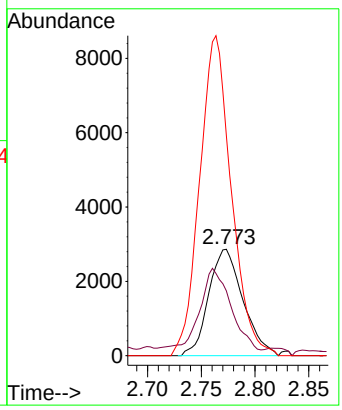


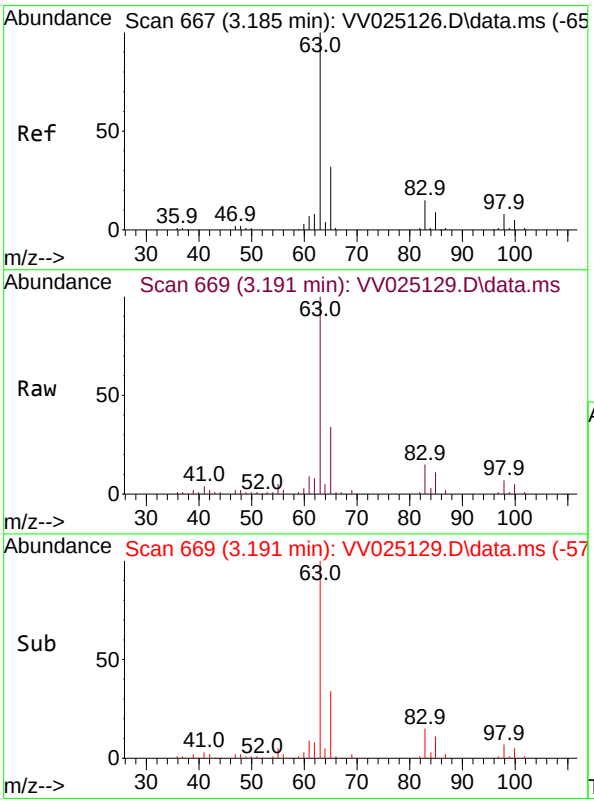
#17
Methyl tert-butyl Ether
Concen: 0.305 ug/L
RT: 2.773 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 6364

Ion	Ratio	Lower	Upper
73	100		
43	71.9	13.2	19.8#
57	277.2	16.7	25.1#

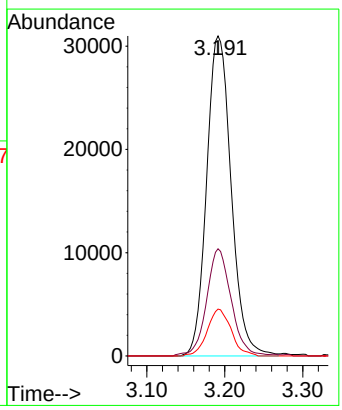


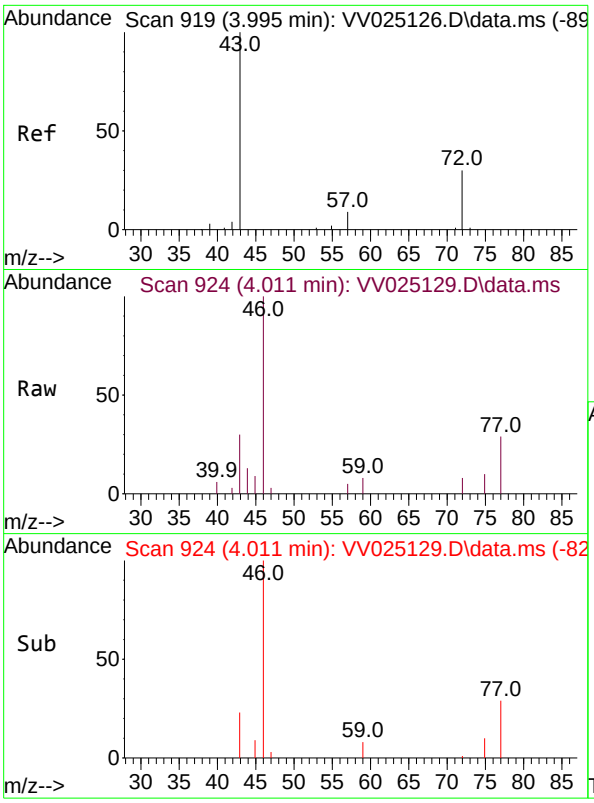


#19
1,1-Dichloroethane
Concen: 3.455 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 63 Resp: 67852

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.2	41.2
83	14.6	9.4	17.4



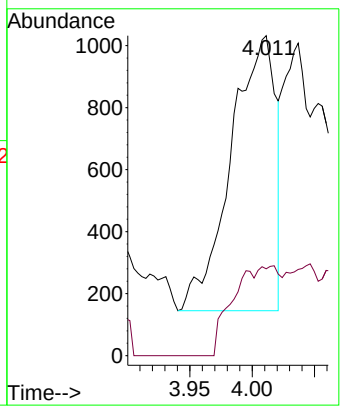


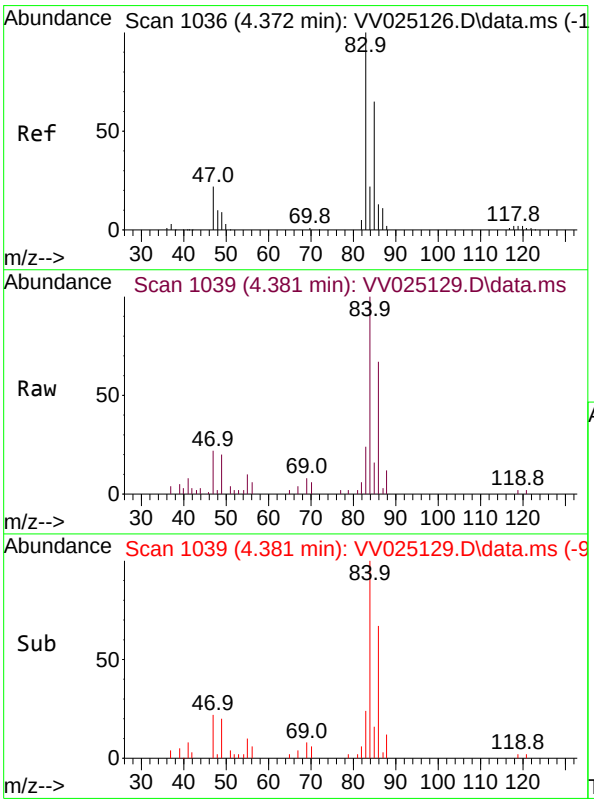
#21
2-Butanone
Concen: 1.451 ug/L
RT: 4.011 min Scan# 9
Delta R.T. 0.016 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2200

Ion	Ratio	Lower	Upper
43	100		
72	17.6	10.4	31.2

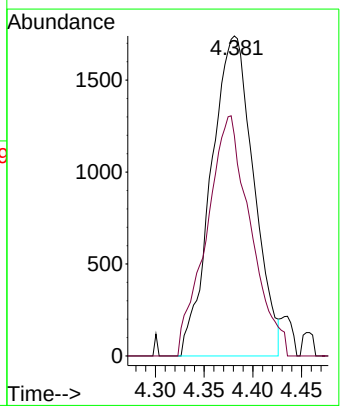


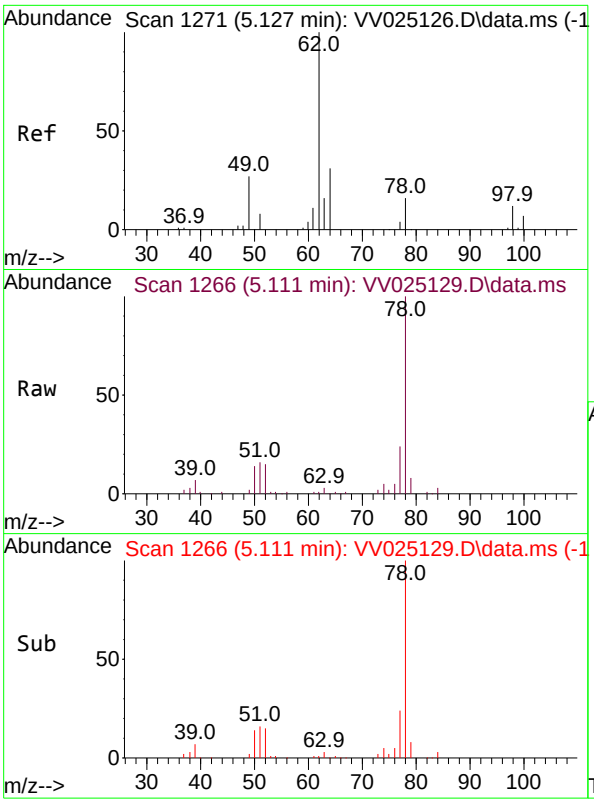


#25
Chloroform
Concen: 0.258 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.009 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 83 Resp: 5267

Ion	Ratio	Lower	Upper
83	100		
85	68.9	44.5	82.7



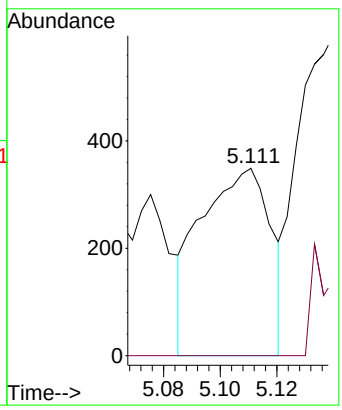


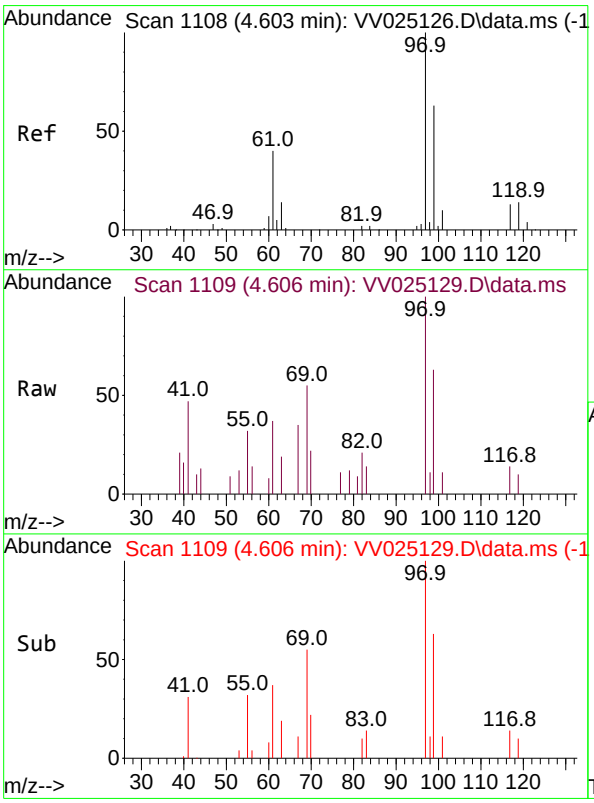
#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.111 min Scan# 1
Delta R.T. -0.016 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 598

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.0	13.4#

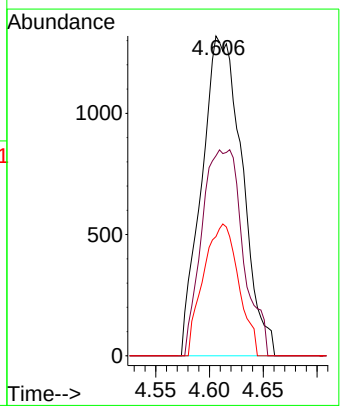


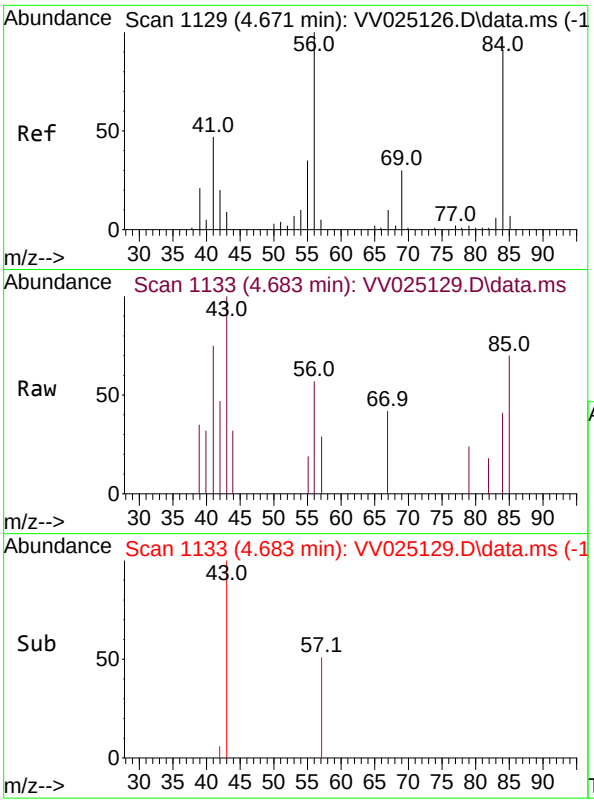


#29
1,1,1-Trichloroethane
Concen: 0.193 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 97 Resp: 3442

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.7	76.1
61	35.9	32.4	48.6



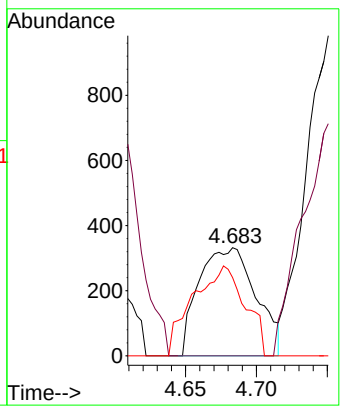


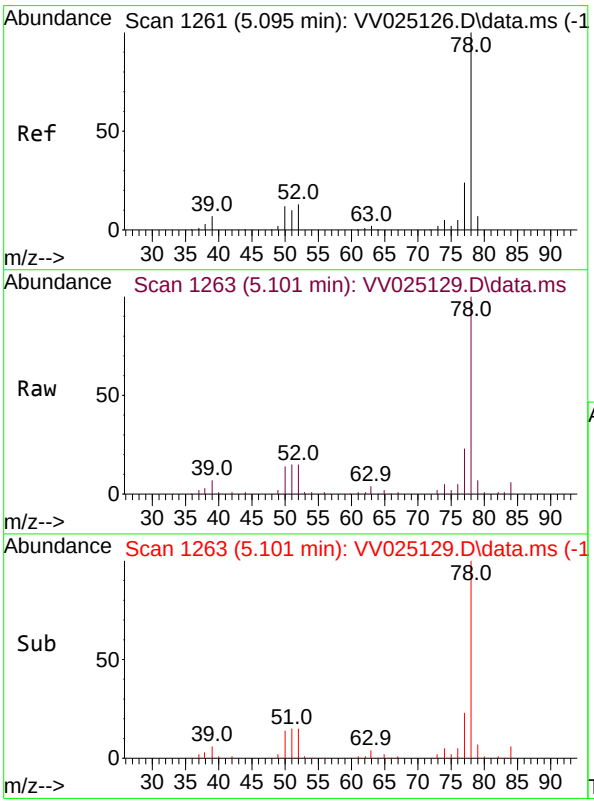
#30
Cyclohexane
Concen: 0.054 ug/L
RT: 4.683 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 932

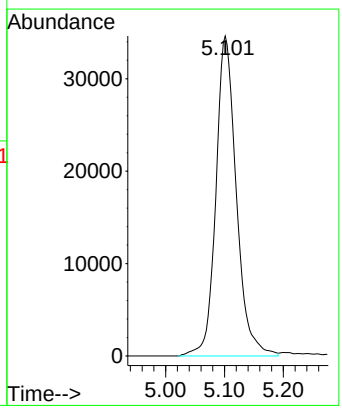
Ion	Ratio	Lower	Upper
56	100		
69	152.6	24.9	37.3#
84	75.5	75.9	113.9#

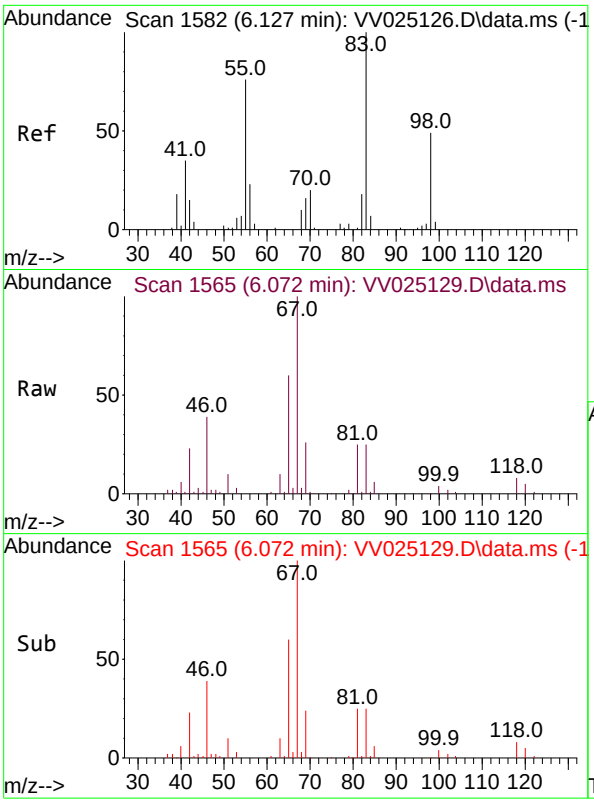




#33
Benzene
Concen: 1.837 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 78 Resp: 83661



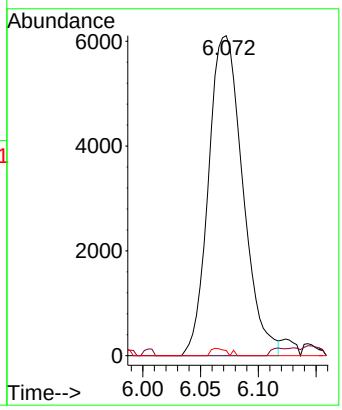


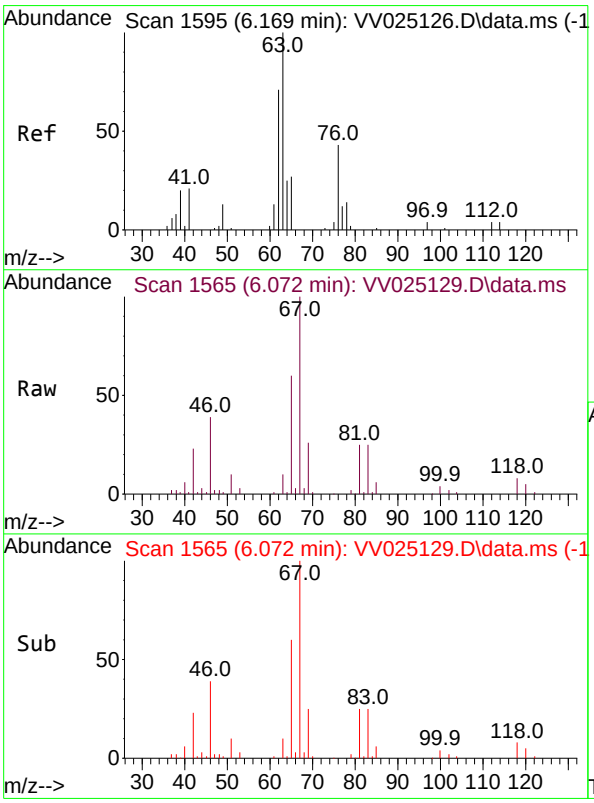
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.072 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 12597

Ion	Ratio	Lower	Upper
83	100		
55	1.0	55.4	83.0#
98	1.1	38.4	57.6#

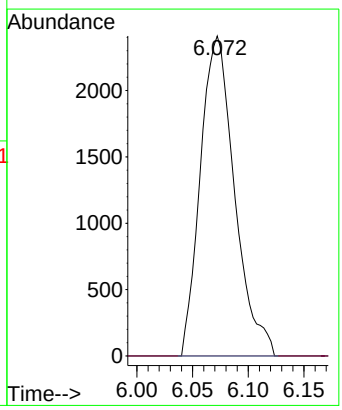


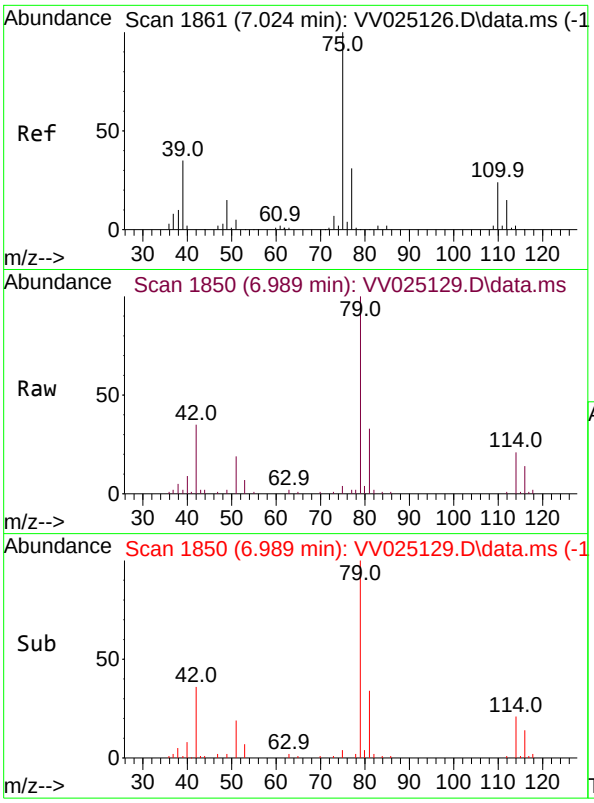


#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 63 Resp: 5154

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



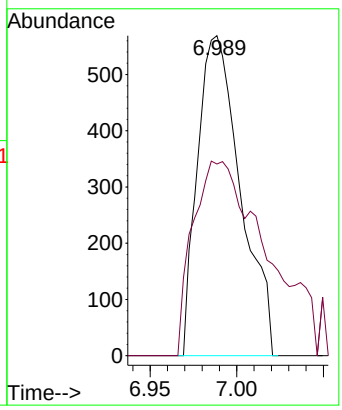


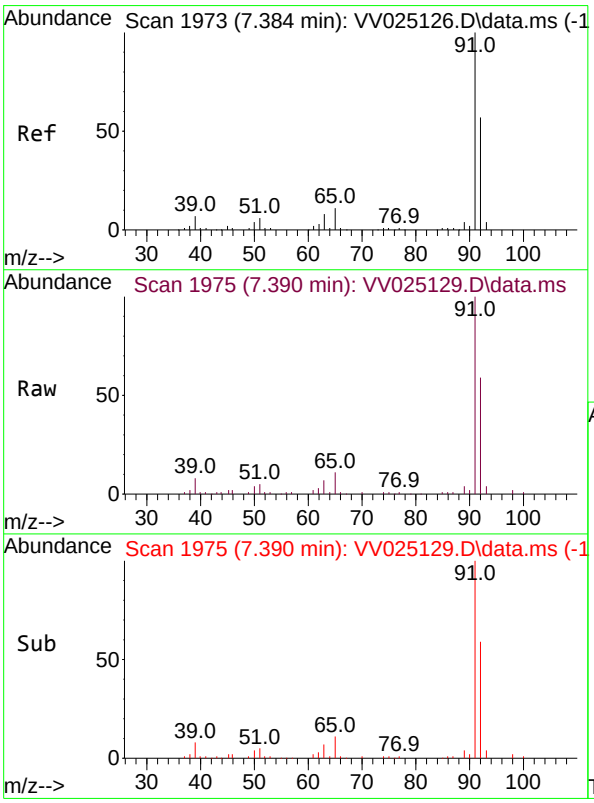
#39
cis-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 6.989 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 981

Ion	Ratio	Lower	Upper
75	100		
77	59.9	23.0	42.8#

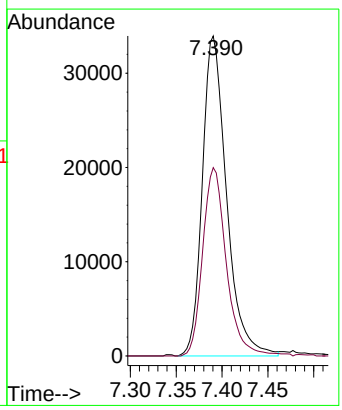


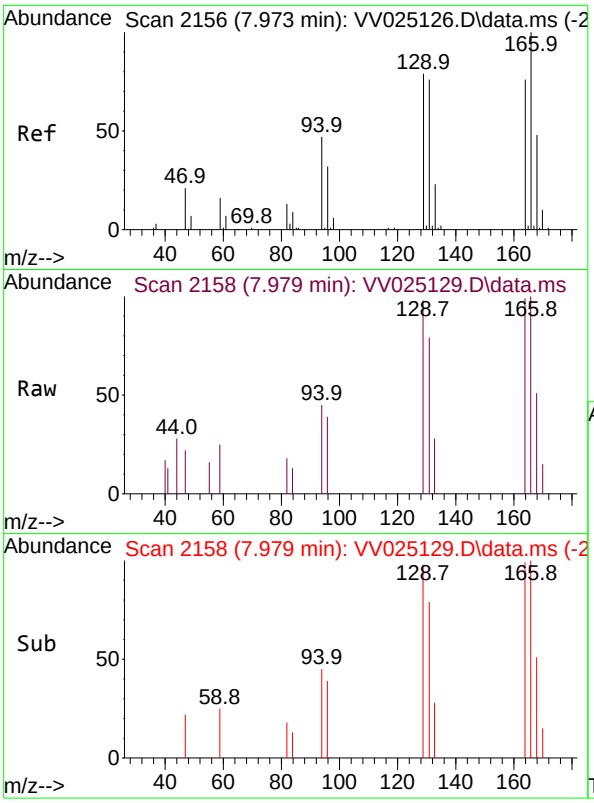


#42
Toluene
Concen: 1.307 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 91 Resp: 62327

Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.2	76.4



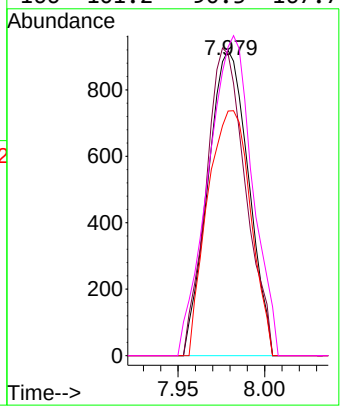


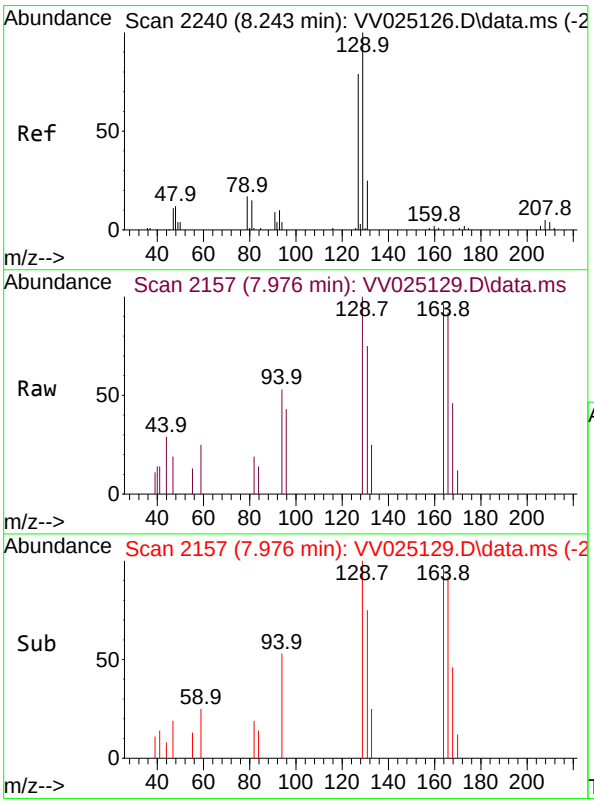
#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 7.979 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1494

Ion	Ratio	Lower	Upper
164	100		
129	98.9	70.3	130.7
131	80.2	69.4	129.0
166	101.2	90.3	167.7

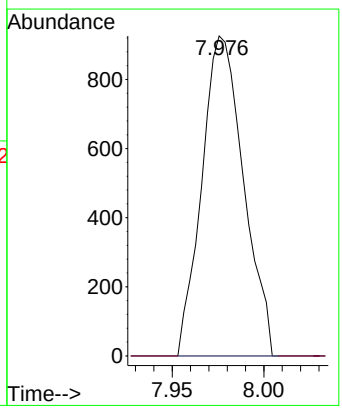


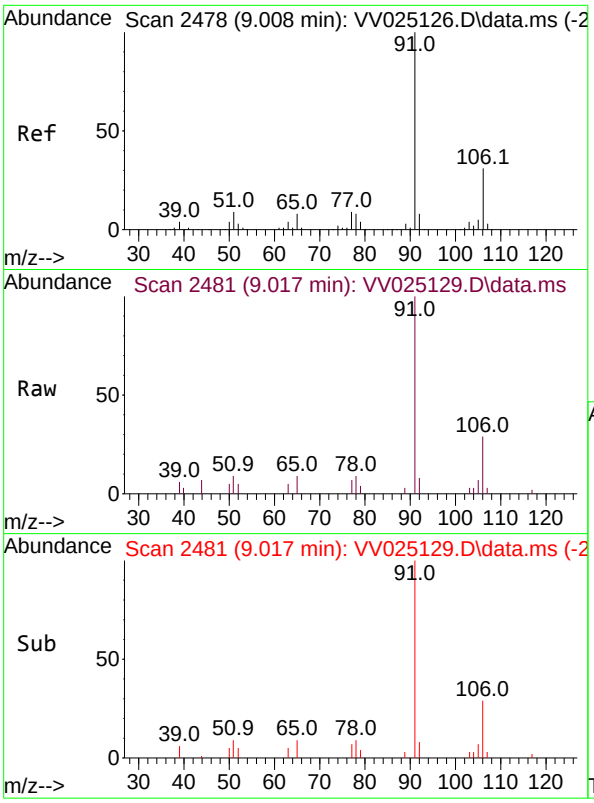


#49
Dibromochloromethane
Concen: 0.187 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:129 Resp: 1466

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#



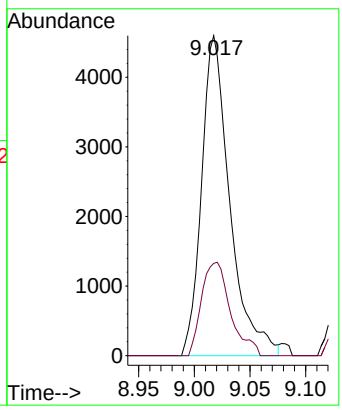


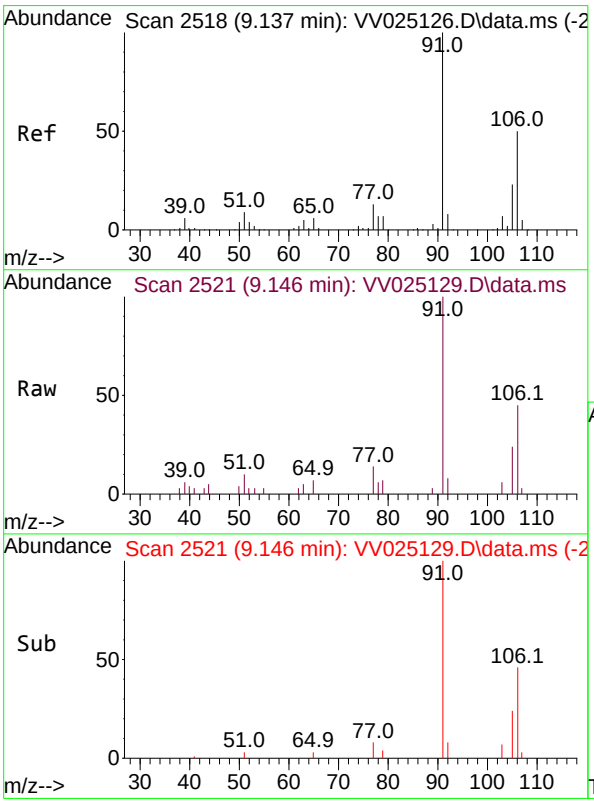
#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.017 min Scan# 24
Delta R.T. 0.009 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 8119

Ion	Ratio	Lower	Upper
91	100		
106	28.8	21.9	40.7

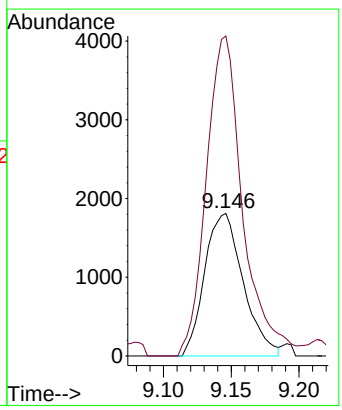


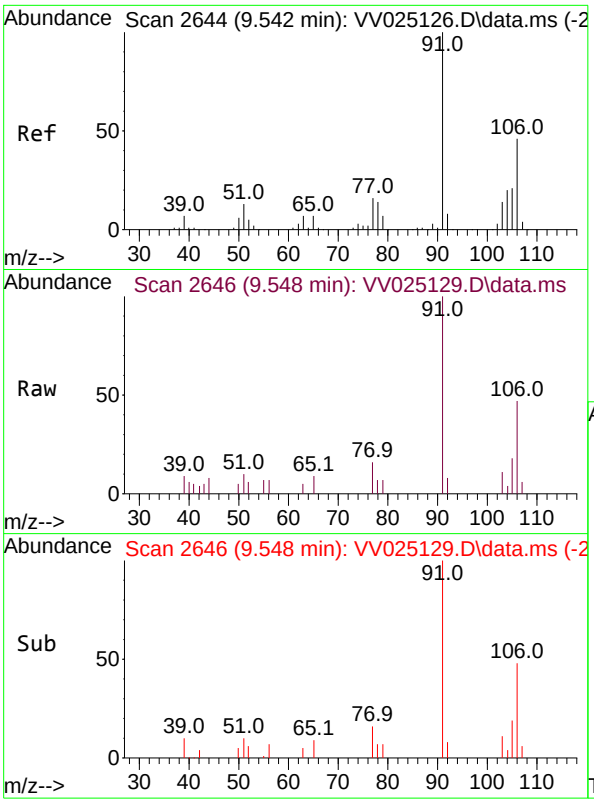


#53
m,p-xylene
Concen: 0.184 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:106 Resp: 3575

Ion	Ratio	Lower	Upper
106	100		
91	224.4	143.4	266.4



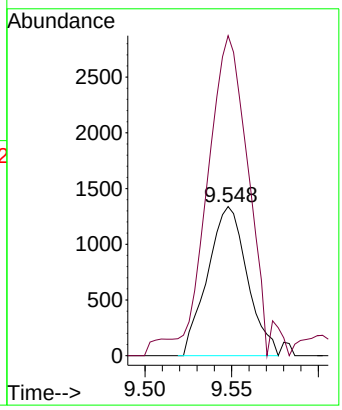


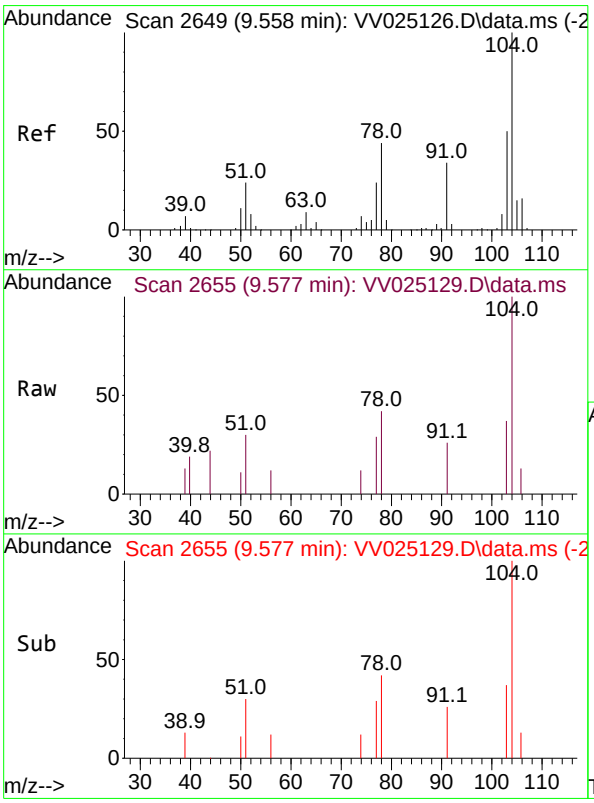
#54
o-xylene
Concen: 0.114 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2126

Ion	Ratio	Lower	Upper
106	100		
91	214.6	146.7	272.5

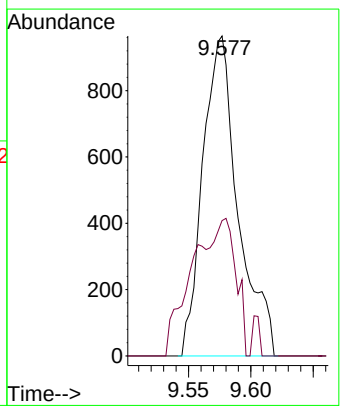


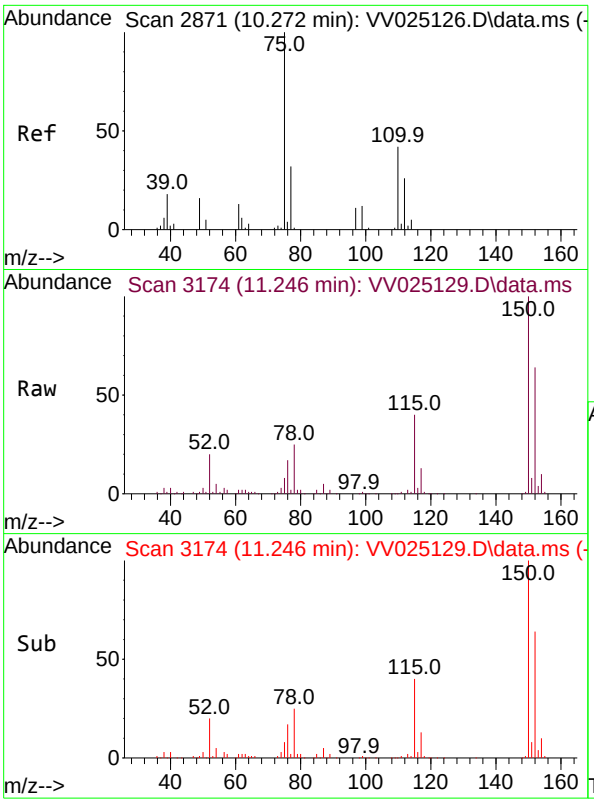


#55
Styrene
Concen: 0.063 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.019 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:104 Resp: 1897

Ion	Ratio	Lower	Upper
104	100		
78	42.3	30.2	56.2



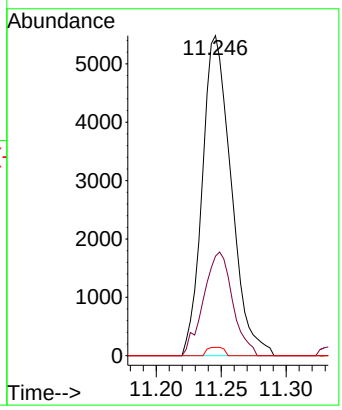


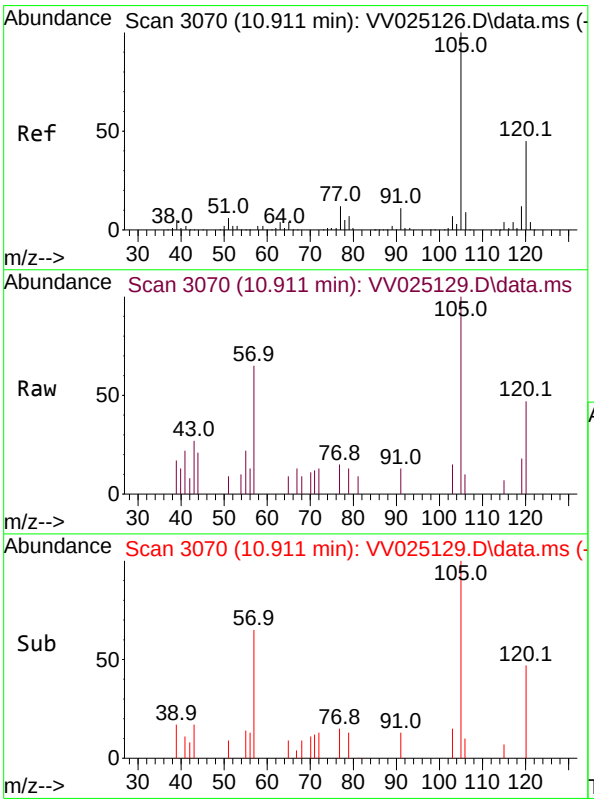
#61
1,2,3-Trichloropropane
Concen: 1.488 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 8475

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.7	38.5
110	1.5	31.2	46.8#

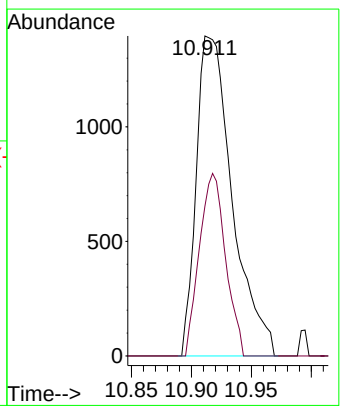


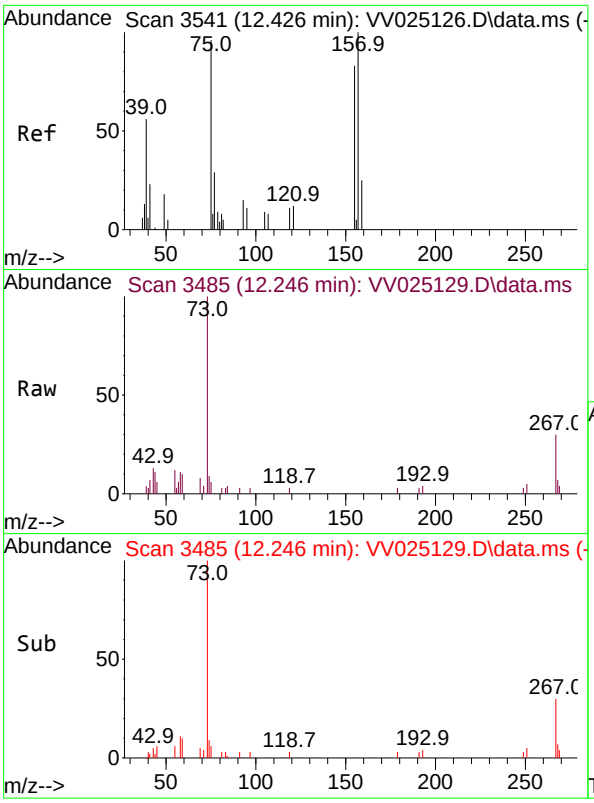


#63
1,2,4-Trimethylbenzene
Concen: 0.071 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:105 Resp: 2914

Ion	Ratio	Lower	Upper
105	100		
120	41.4	35.8	53.8



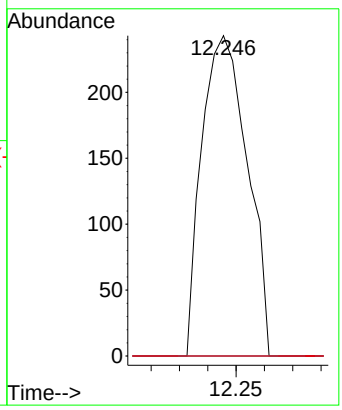


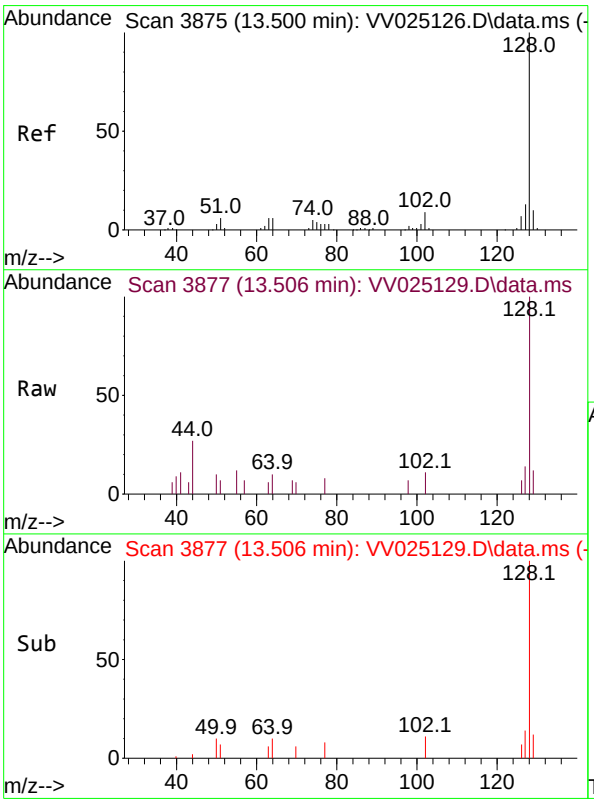
#68
1,2-Dibromo-3-chloropropane
Concen: 0.278 ug/L
RT: 12.246 min Scan# 3
Delta R.T. -0.180 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 271

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.9	98.9#
157	0.0	89.7	134.5#





#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:128 Resp: 3039

Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.5	12.7
127	9.9	9.8	14.8