Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026435.D
Acq On : 18 Jun 2022 20:36
Operator : SY/MD
Sample : N3358-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 20 01:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.661	114	276	5.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.870	117	1072	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.255	152	1707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213	8.885	ug/L	-0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 177.800%#			
7) Chloroethane-d5	1.574	69	86	4.563	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.118	63	79	1.919	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 38.400%#			
20) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	4.381	84	20	0.569	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 11.400%#			
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount 5.000	Range 70 - 130		Recovery = 0.000%#			
32) Benzene-d6	5.082	84	260	0.907	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 18.200%#			
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 140		Recovery = 0.000%#			
41) Toluene-d8	7.336	98	655	2.506	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 50.200%#			
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 5.000	Range 55 - 130		Recovery = 0.000%#			
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 45 - 130		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.227	84	141	2.736	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 54.800%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	1237	4.705	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.288	85	96	4.652	ug/L #	42
3) Chloromethane	1.262	50	1900	82.916	ug/L #	74
5) Vinyl chloride	1.327	62	45	1.889	ug/L #	1
6) Bromomethane	1.584	94	135	10.139	ug/L	92
8) Chloroethane	1.529	64	212620	14375.987	ug/L #	49
12) 1,1-Dichloroethene	2.130	96	131	7.513	ug/L	77
13) Acetone	2.147	43	628	346.429	ug/L	67
14) Carbon disulfide	2.314	76	26851	624.544	ug/L	98
15) Methyl Acetate	2.439	43	88	20.232	ug/L #	48
16) Methylene chloride	2.526	84	13860	623.024	ug/L	96
18) trans-1,2-Dichloroethene	2.790	96	46	2.720	ug/L #	1
19) 1,1-Dichloroethane	3.118	63	26	0.806	ug/L #	50
21) 2-Butanone	4.153	43	20	8.527	ug/L #	50
25) Chloroform	4.391	83	65	1.858	ug/L #	17
33) Benzene	5.117	78	90	0.327	ug/L	100
35) Methylcyclohexane	6.133	83	118	1.137	ug/L #	18
40) 4-Methyl-2-pentanone	7.230	43	45	1.703	ug/L #	42
42) Toluene	7.404	91	531	1.837	ug/L	80
51) Chlorobenzene	8.902	112	445	2.358	ug/L #	77

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
Data File : VV026435.D
Acq On : 18 Jun 2022 20:36
Operator : SY/MD
Sample : N3358-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 20 01:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	9.021	91	2816	9.718	ug/L		93
53) m,p-Xylene	9.143	106	3060	27.090	ug/L		72
54) o-Xylene	9.551	106	986	9.011	ug/L		73
55) Styrene	9.571	104	148	0.805	ug/L	#	42
57) 1,1,2,2-Tetrachloroethane	10.243	83	47	0.982	ug/L	#	23
60) Isopropylbenzene	9.934	105	1110	1.220	ug/L	#	87
61) 1,2,3-Trichloropropane	10.284	75	90	0.813	ug/L	#	4
62) 1,3,5-Trimethylbenzene	10.545	105	1302	1.803	ug/L		93
63) 1,2,4-Trimethylbenzene	10.918	105	2950	4.127	ug/L		96
64) 1,3-Dichlorobenzene	11.185	146	1472	3.292	ug/L	#	73
65) 1,4-Dichlorobenzene	11.278	146	1481	3.259	ug/L	#	82
67) 1,2-Dichlorobenzene	11.651	146	1324	3.343	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.654	75	356	18.144	ug/L	#	3
69) 1,3,5-Trichlorobenzene	12.651	180	2061	6.375	ug/L	#	85
70) 1,2,4-trichlorobenzene	13.262	180	2434	10.207	ug/L		96
71) Naphthalene	13.506	128	7002	21.148	ug/L		98
72) 1,2,3-Trichlorobenzene	13.747	180	3524	17.652	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
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Misc : 25mL/MSVOA_V/WATER
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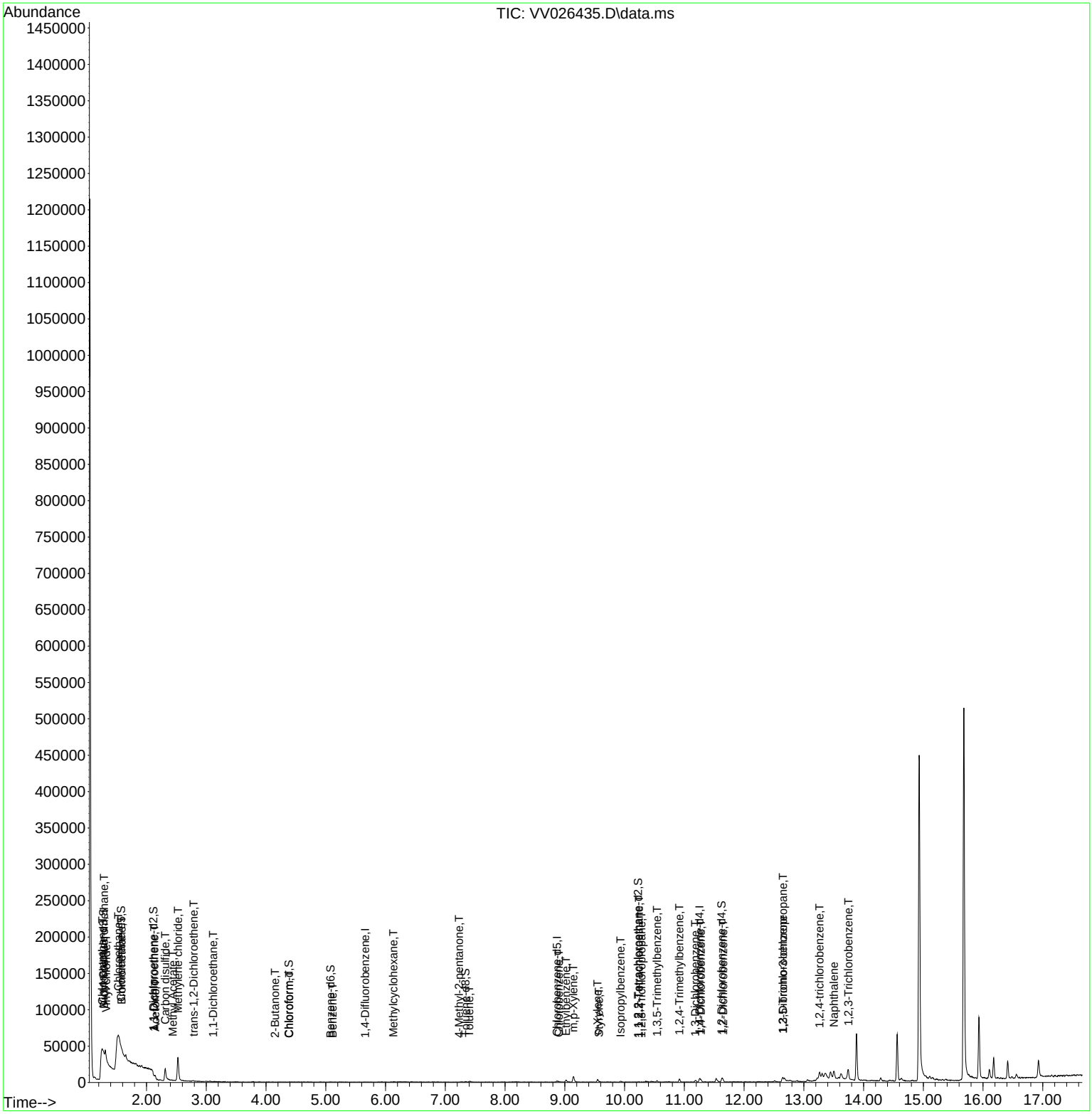
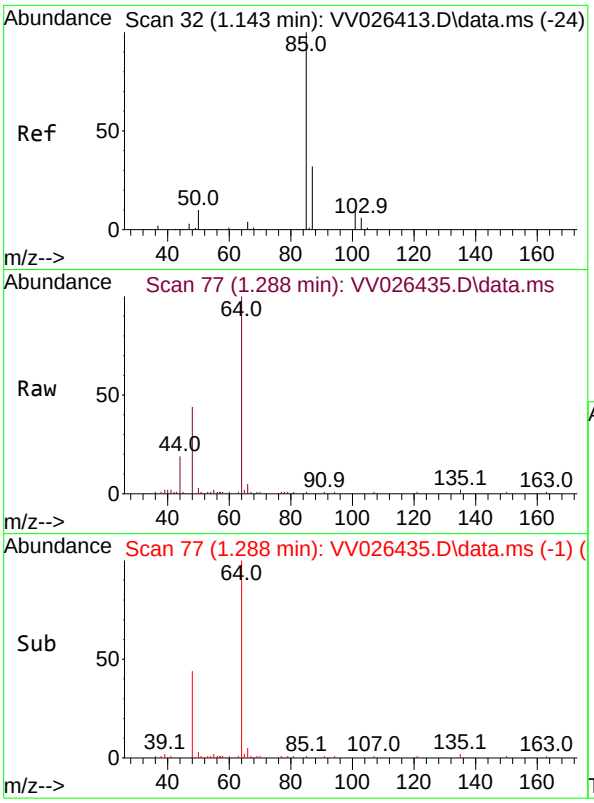
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 20 01:32:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 20 01:25:22 2022
Response via : Initial Calibration



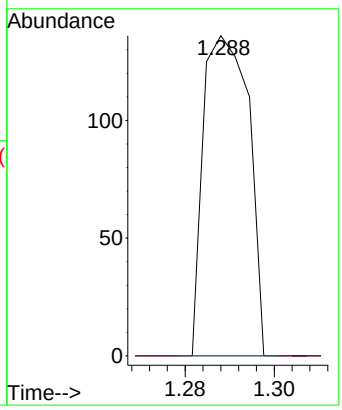


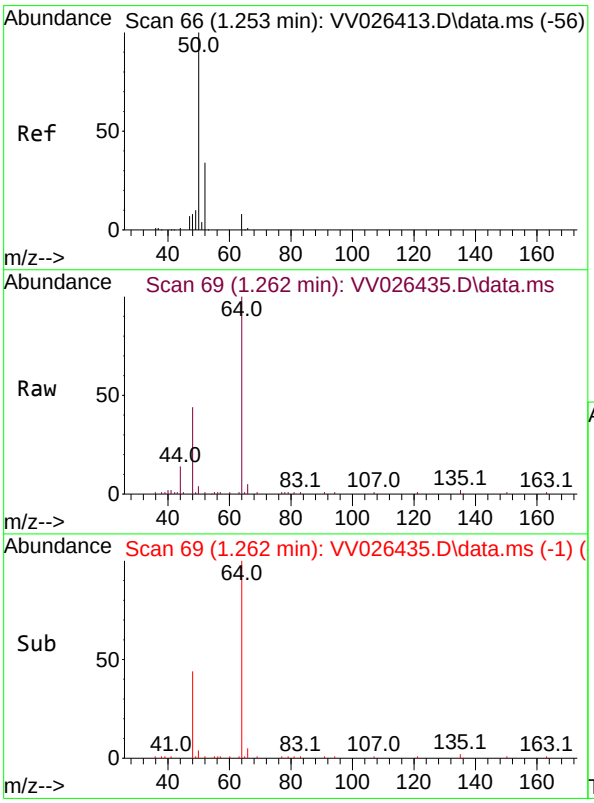
#2
Dichlorodifluoromethane
Concen: 4.652 ug/L
RT: 1.288 min Scan# 7
Delta R.T. 0.145 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 96

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.0	39.0#

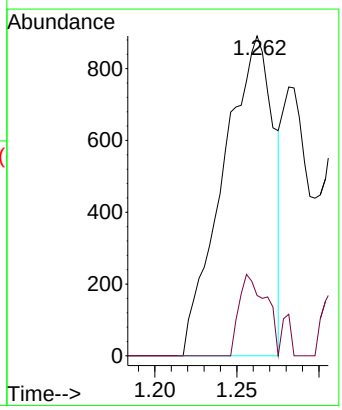


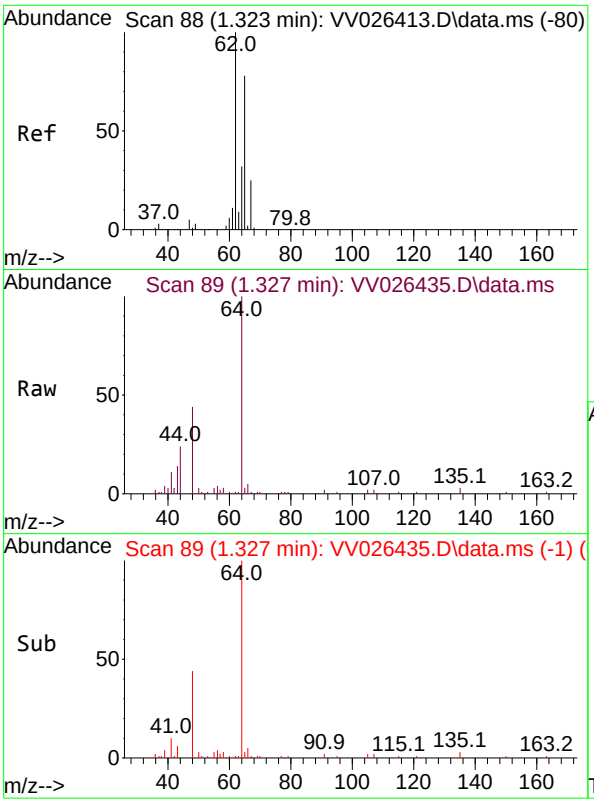


#3
Chloromethane
Concen: 82.916 ug/L
RT: 1.262 min Scan# 69
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 50 Resp: 1900

Ion	Ratio	Lower	Upper
50	100		
52	18.9	23.7	44.1#



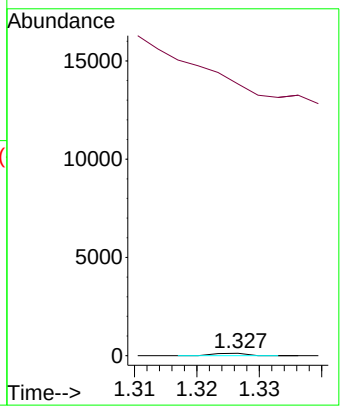


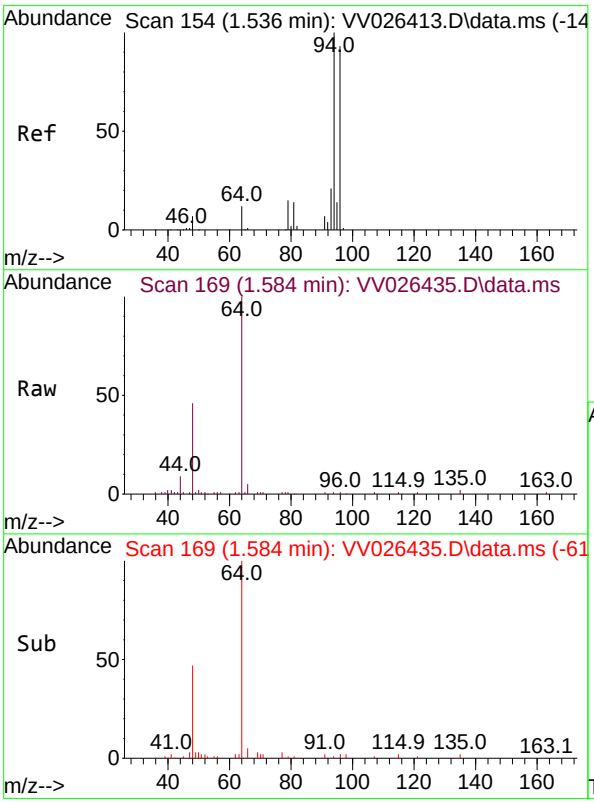
#5
Vinyl chloride
Concen: 1.889 ug/L
RT: 1.327 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 45

Ion	Ratio	Lower	Upper
62	100		
64	10971.4	23.2	43.2#

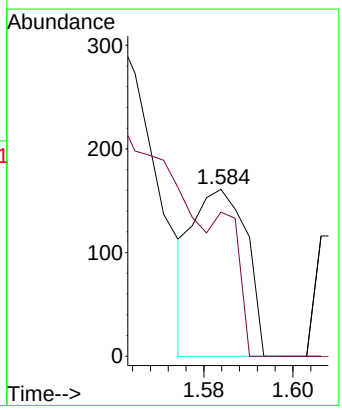


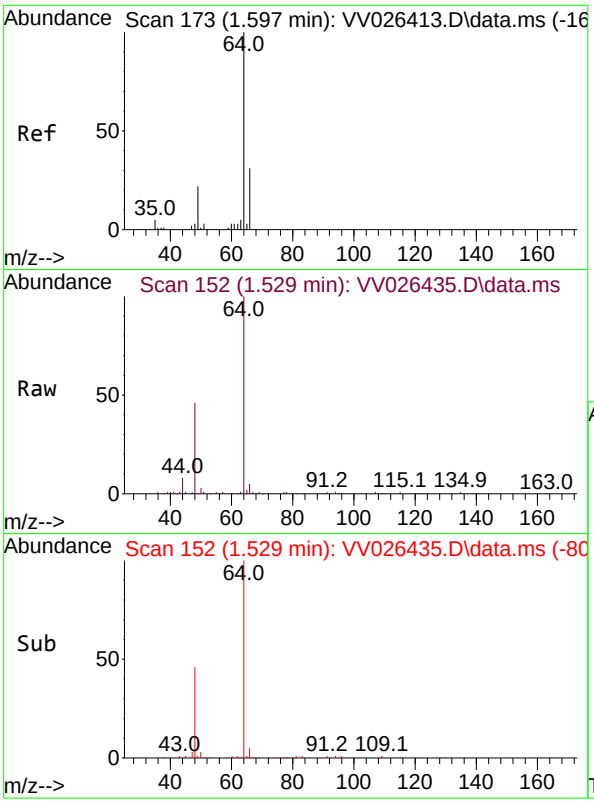


#6
Bromomethane
Concen: 10.139 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.048 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 94 Resp: 135

Ion	Ratio	Lower	Upper
94	100		
96	86.3	65.7	121.9



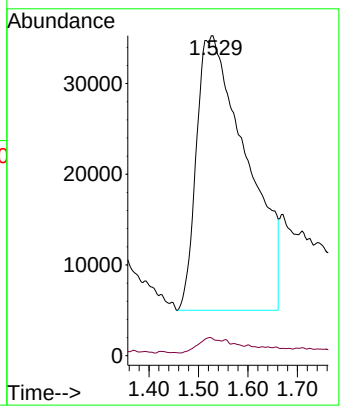


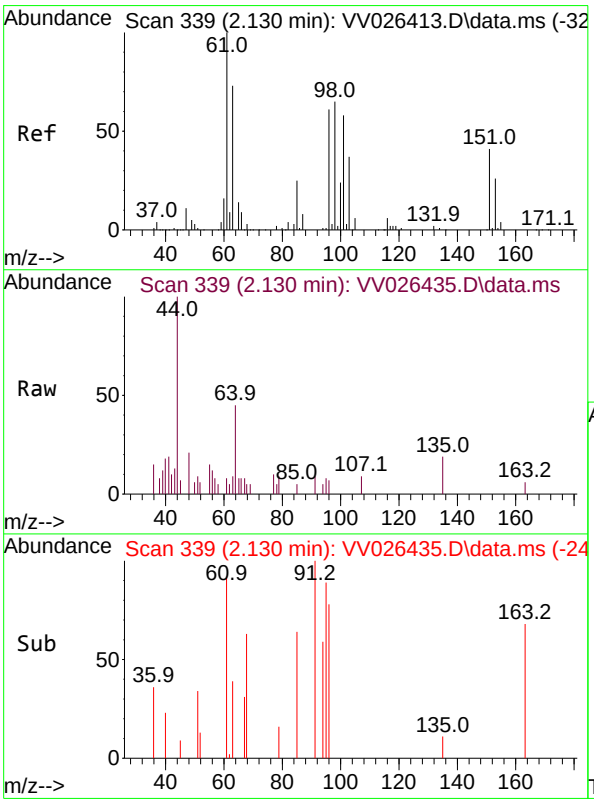
#8
Chloroethane
Concen: 14375.987 ug/L
RT: 1.529 min Scan# 1
Delta R.T. -0.068 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 212620

Ion	Ratio	Lower	Upper
64	100		
66	5.3	24.1	44.7#

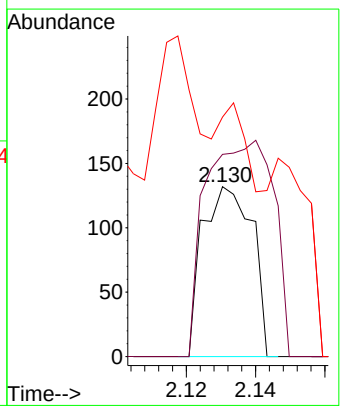


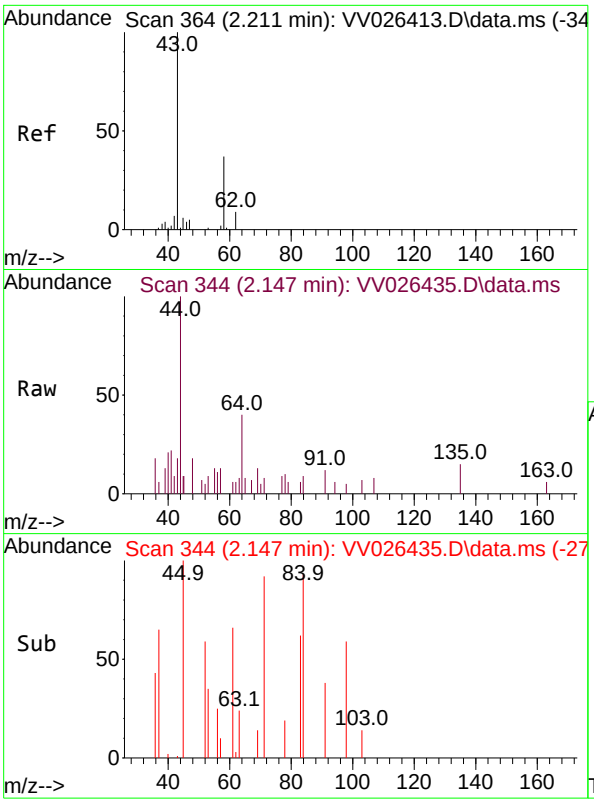


#12
1,1-Dichloroethene
Concen: 7.513 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.000 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 96 Resp: 131

Ion	Ratio	Lower	Upper
96	100		
61	118.9	117.1	217.5
63	140.9	92.8	172.4



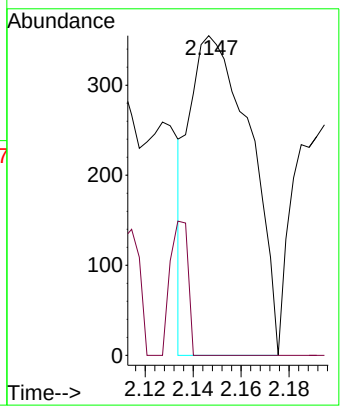


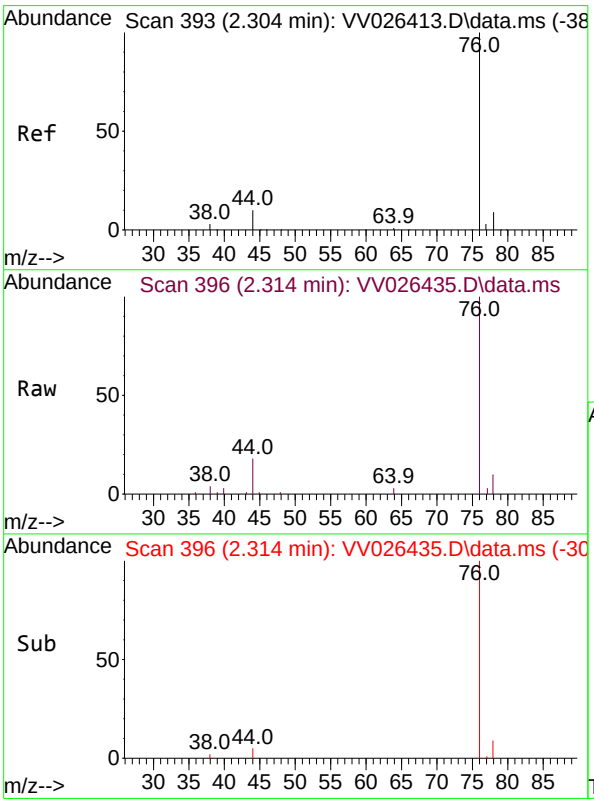
#13
Acetone
Concen: 346.429 ug/L
RT: 2.147 min Scan# 34
Delta R.T. -0.064 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 628

Ion	Ratio	Lower	Upper
43	100		
58	12.3	0.0	60.0

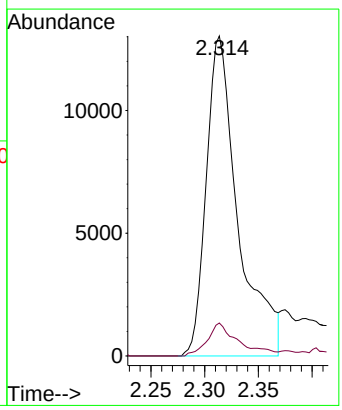


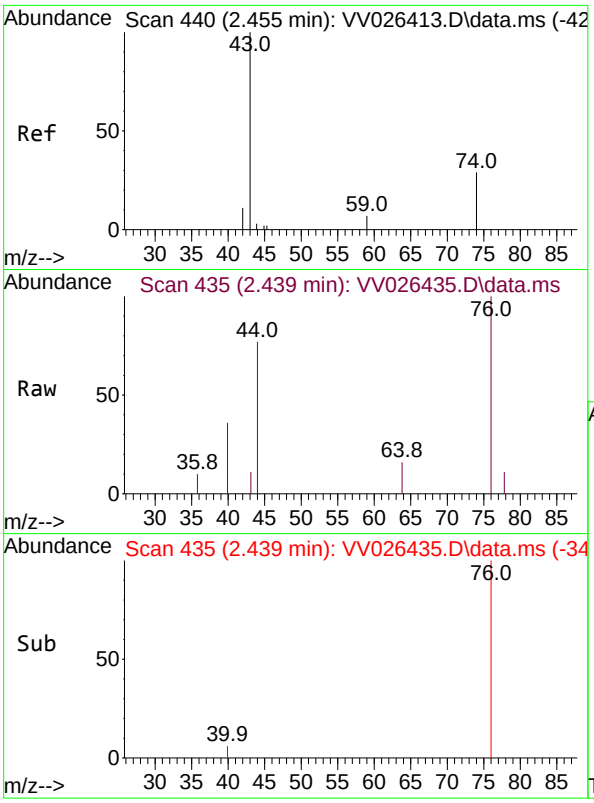


#14
Carbon disulfide
Concen: 624.544 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 76 Resp: 26851

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.7	11.5



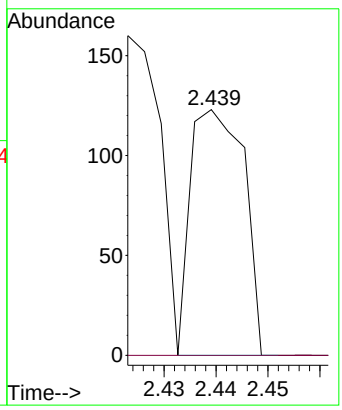


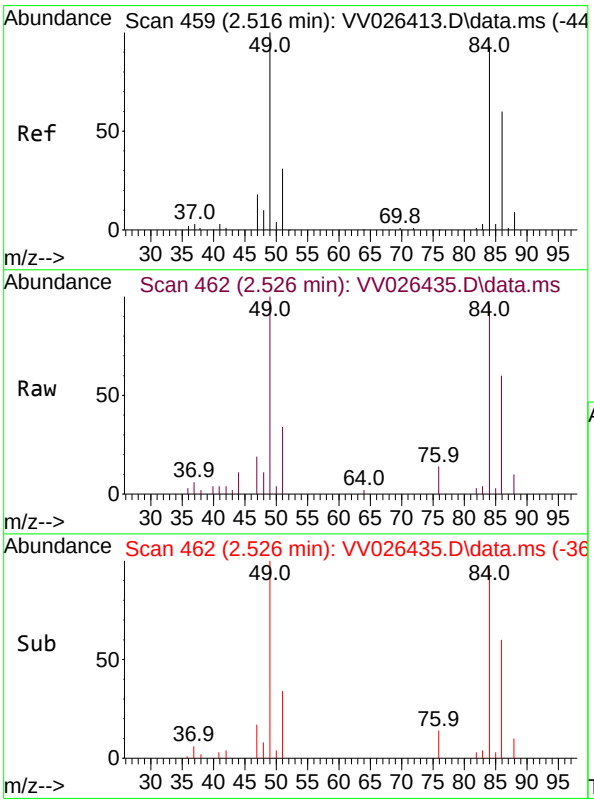
#15
Methyl Acetate
Concen: 20.232 ug/L
RT: 2.439 min Scan# 4
Delta R.T. -0.016 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 88

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.4	32.0#

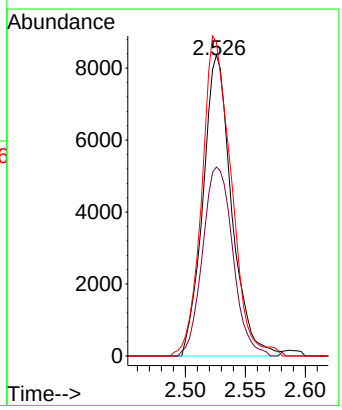


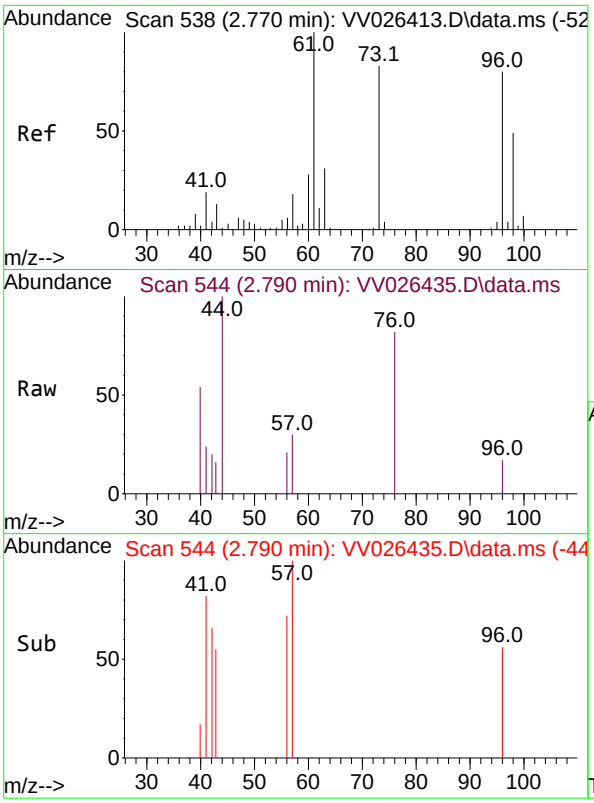


#16
Methylene chloride
Concen: 623.024 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 84 Resp: 13860

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.0	81.8
49	104.0	77.3	143.7



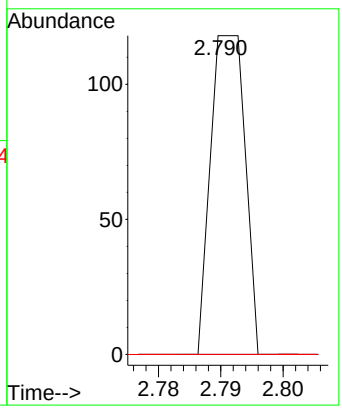


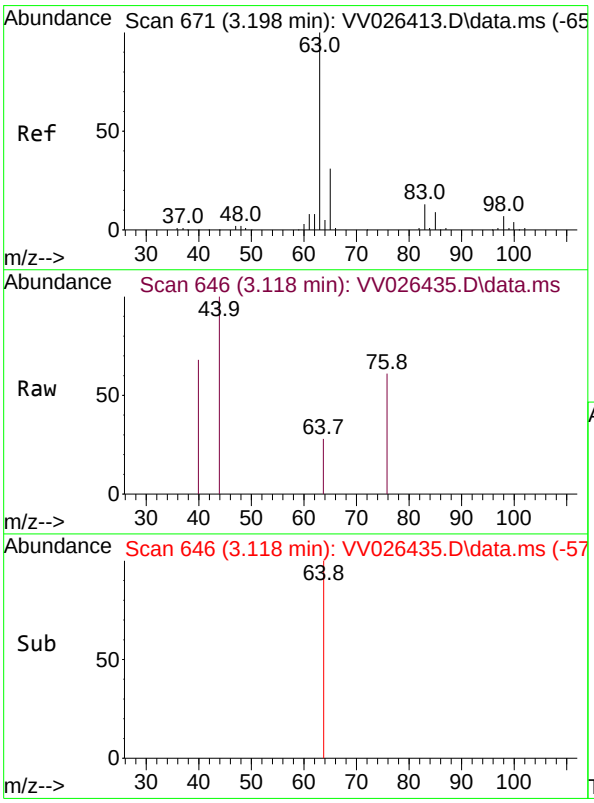
#18
trans-1,2-Dichloroethene
Concen: 2.720 ug/L
RT: 2.790 min Scan# 54
Delta R.T. 0.019 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 46

Ion	Ratio	Lower	Upper
96	100		
61	0.0	91.3	169.6#
98	0.0	45.3	84.1#

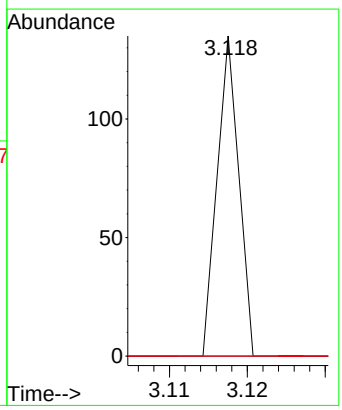


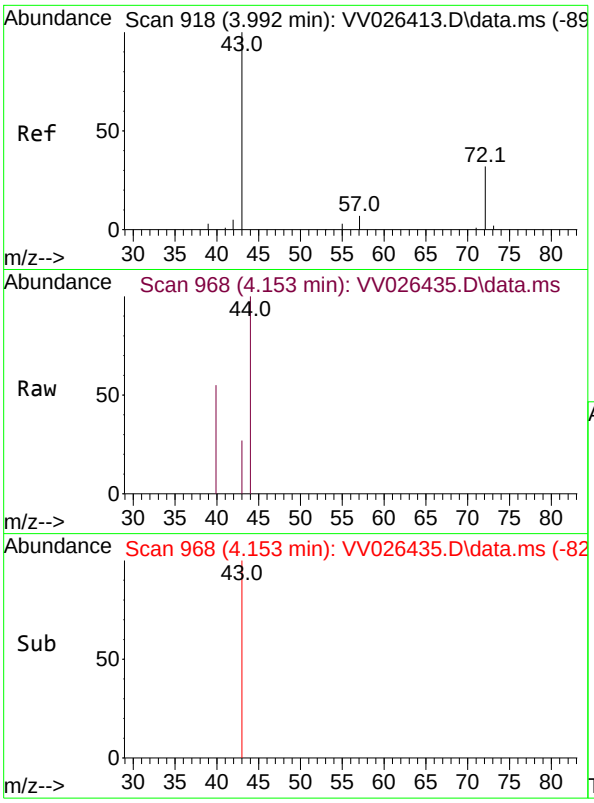


#19
1,1-Dichloroethane
Concen: 0.806 ug/L
RT: 3.118 min Scan# 646
Delta R.T. -0.080 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 63 Resp: 26

Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.3	41.3#
83	0.0	8.9	16.5#



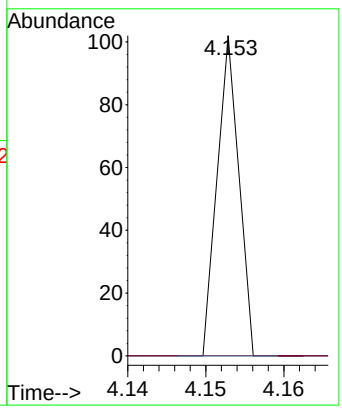


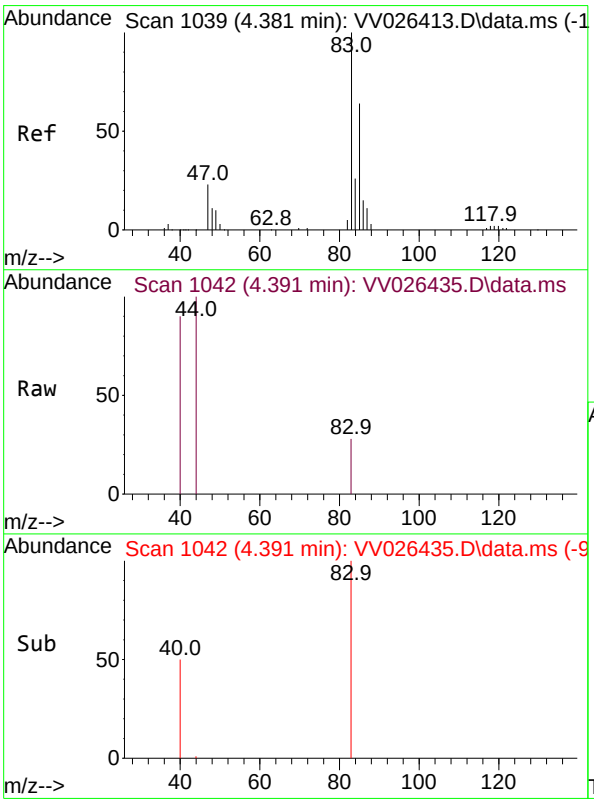
#21
2-Butanone
Concen: 8.527 ug/L
RT: 4.153 min Scan# 9
Delta R.T. 0.161 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.7	38.0#

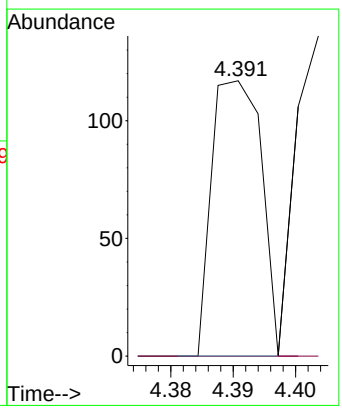


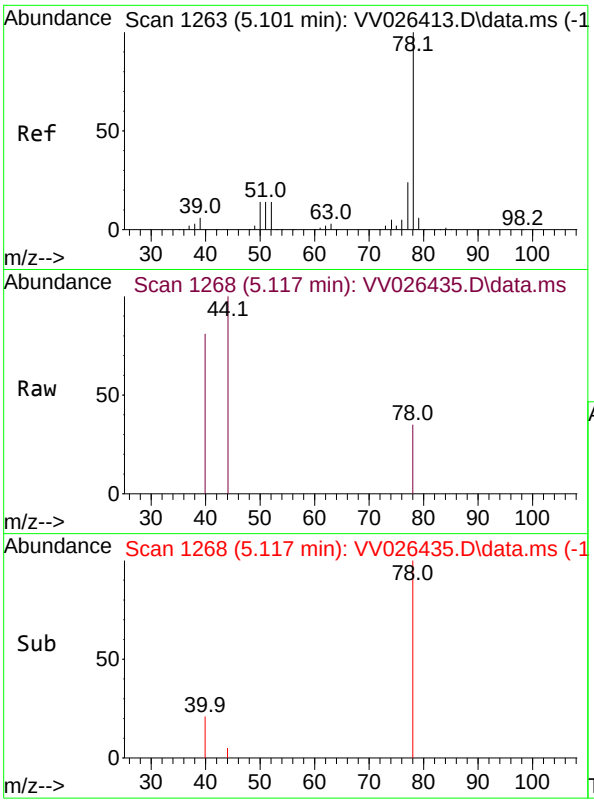


#25
Chloroform
Concen: 1.858 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 83 Resp: 65

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.5	86.3#

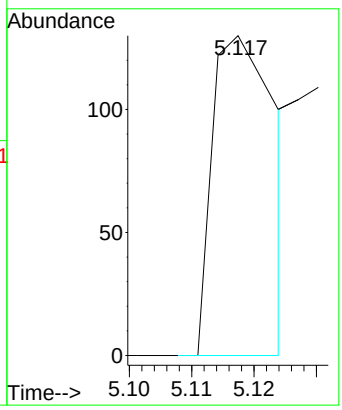


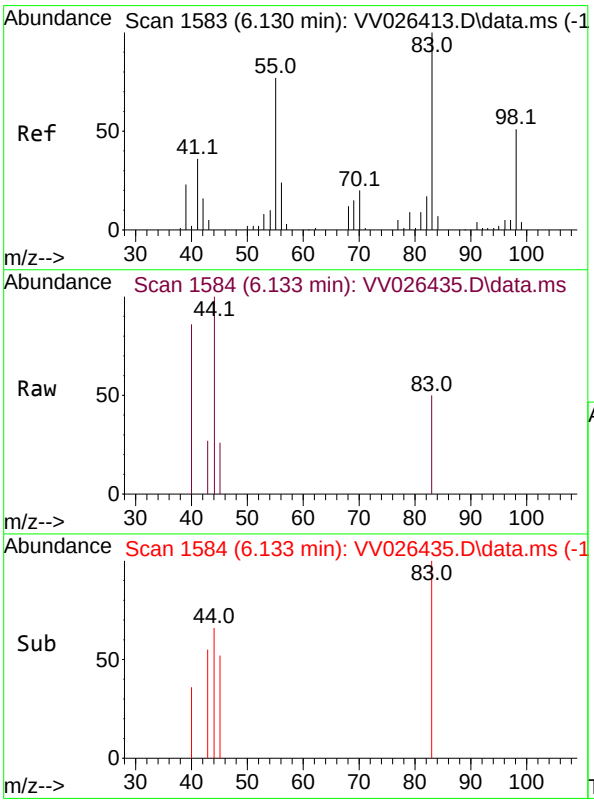


#33
Benzene
Concen: 0.327 ug/L
RT: 5.117 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 90

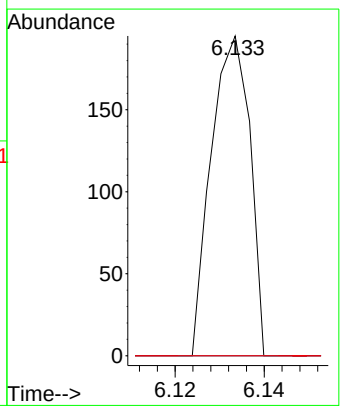


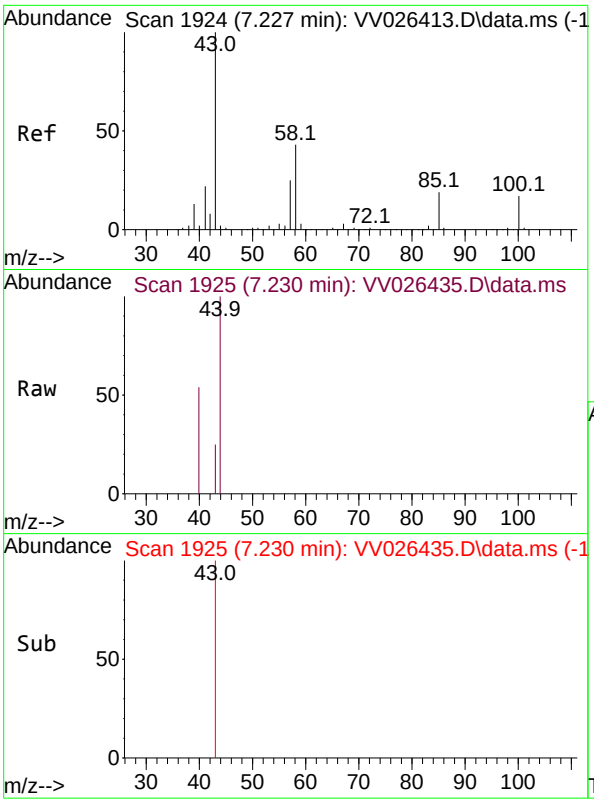


#35
Methylcyclohexane
Concen: 1.137 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 83 Resp: 118

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.0	39.9	59.9#



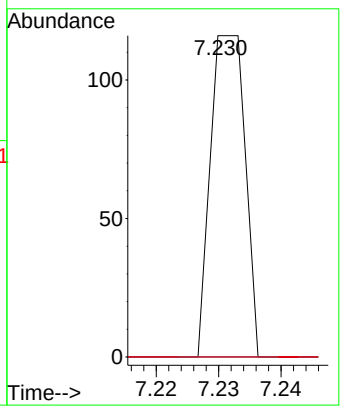


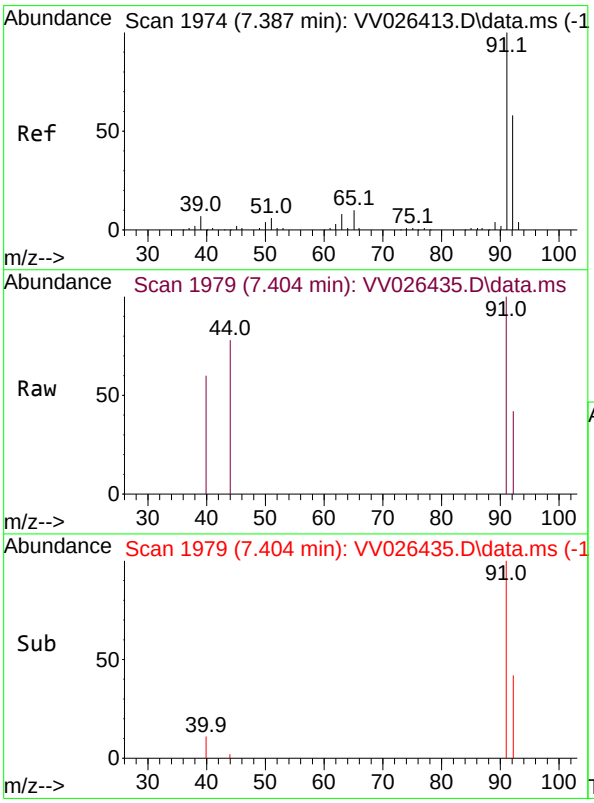
#40
4-Methyl-2-pentanone
Concen: 1.703 ug/L
RT: 7.230 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 45

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.3	49.9#
100	0.0	13.4	20.2#

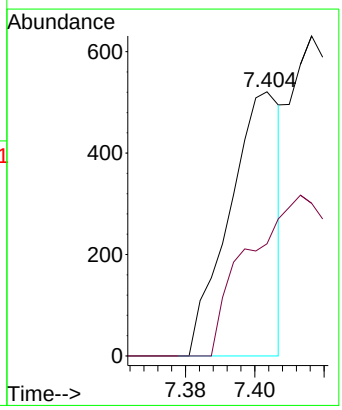


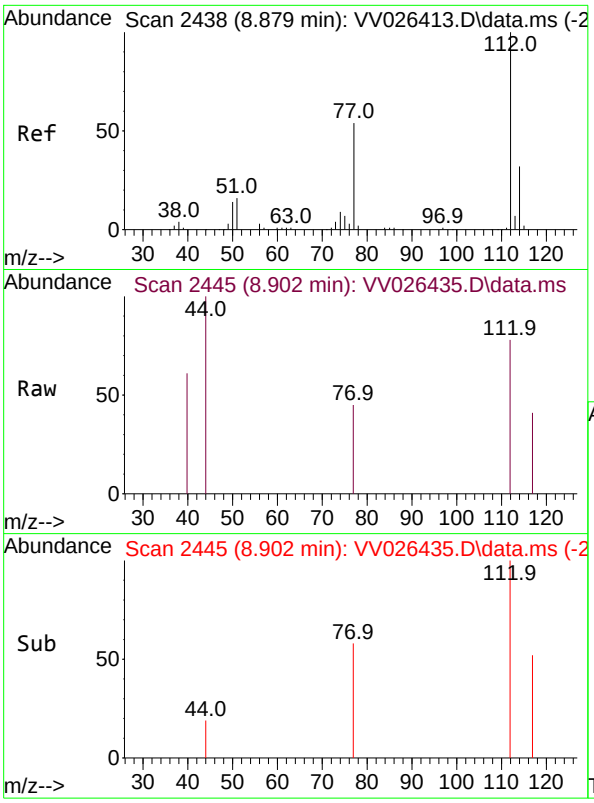


#42
Toluene
Concen: 1.837 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 91 Resp: 531

Ion	Ratio	Lower	Upper
91	100		
92	42.4	40.1	74.5



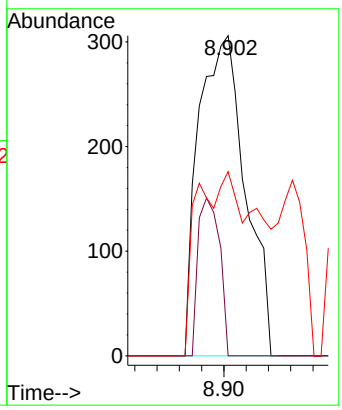


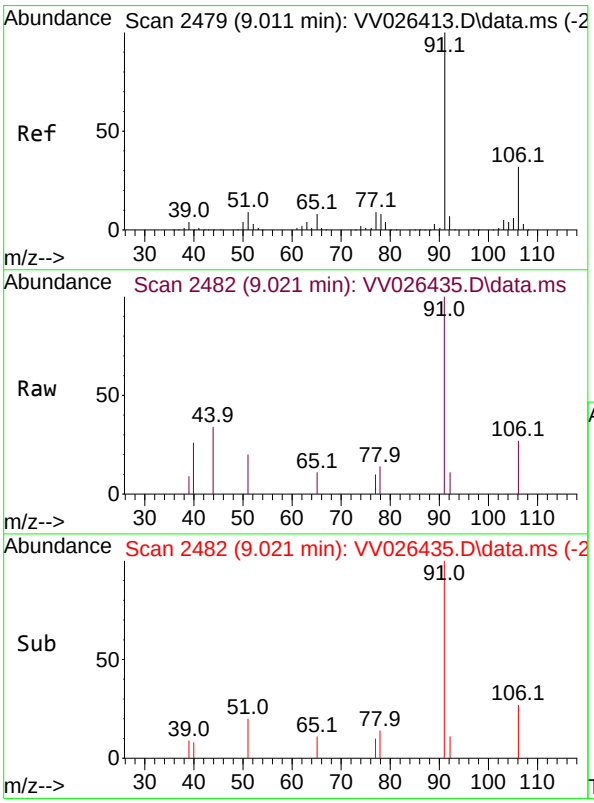
#51
Chlorobenzene
Concen: 2.358 ug/L
RT: 8.902 min Scan# 24
Delta R.T. 0.022 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 445

Ion	Ratio	Lower	Upper
112	100		
114	0.0	22.7	42.3#
77	57.5	44.5	66.7

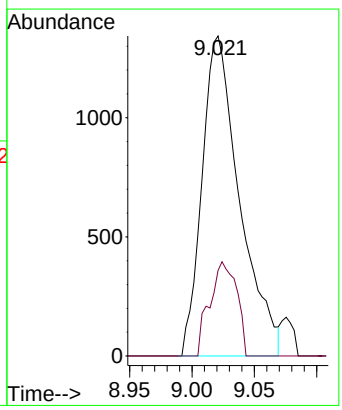


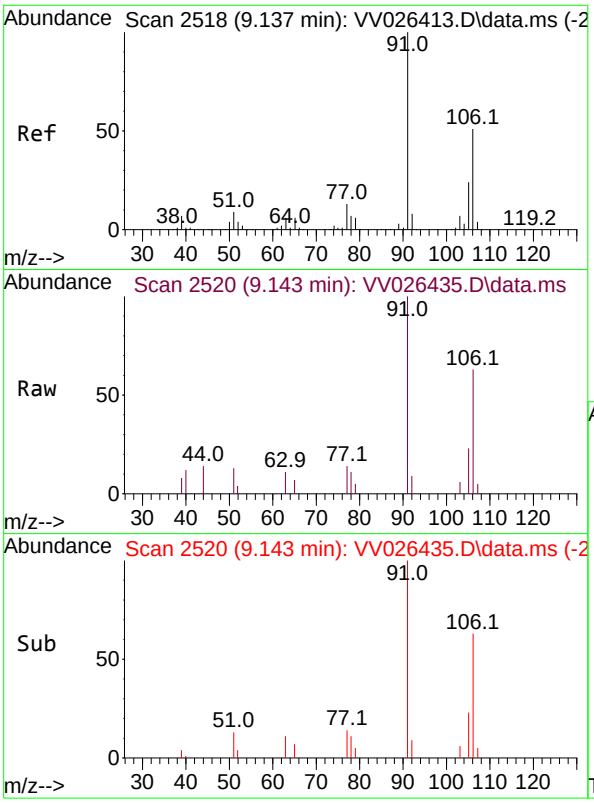


#52
Ethylbenzene
Concen: 9.718 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 91 Resp: 2816

Ion	Ratio	Lower	Upper
91	100		
106	26.7	21.6	40.0



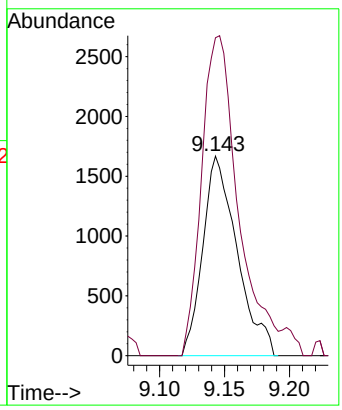


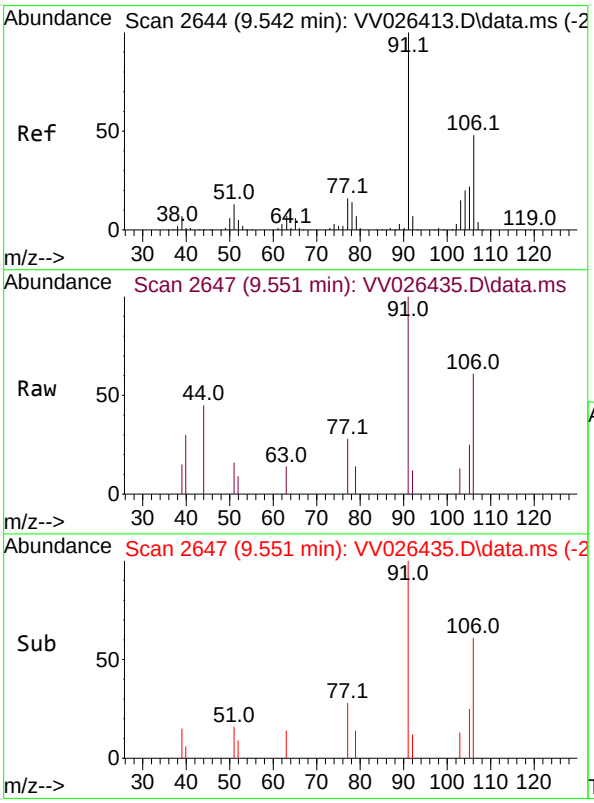
#53
m,p-Xylene
Concen: 27.090 ug/L
RT: 9.143 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3060

Ion	Ratio	Lower	Upper
106	100		
91	159.4	141.3	262.3

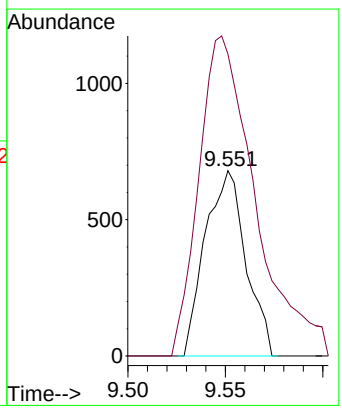


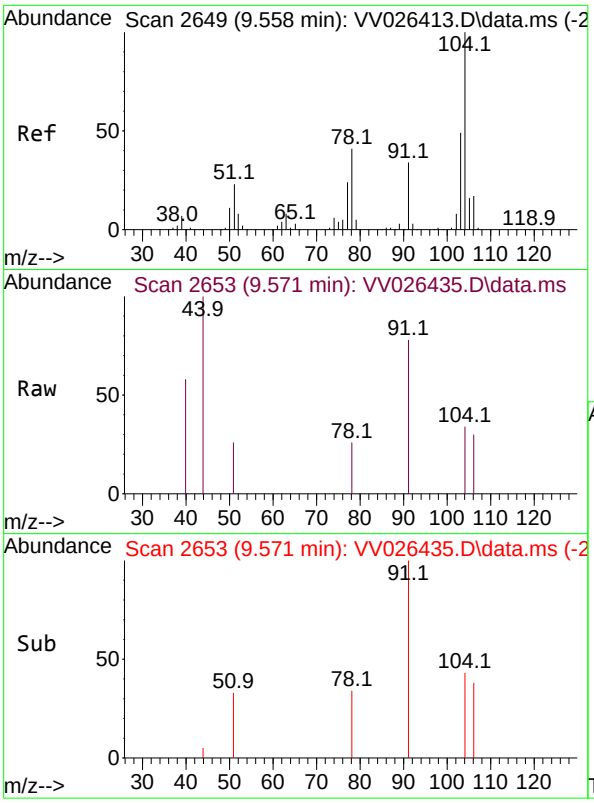


#54
o-Xylene
Concen: 9.011 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion:106 Resp: 986

Ion	Ratio	Lower	Upper
106	100		
91	162.8	143.3	266.1



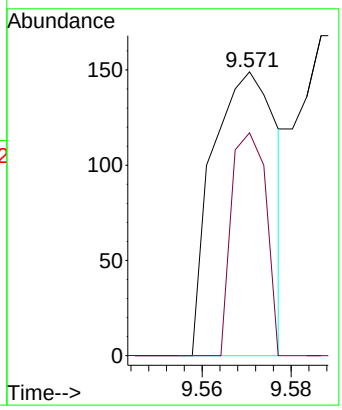


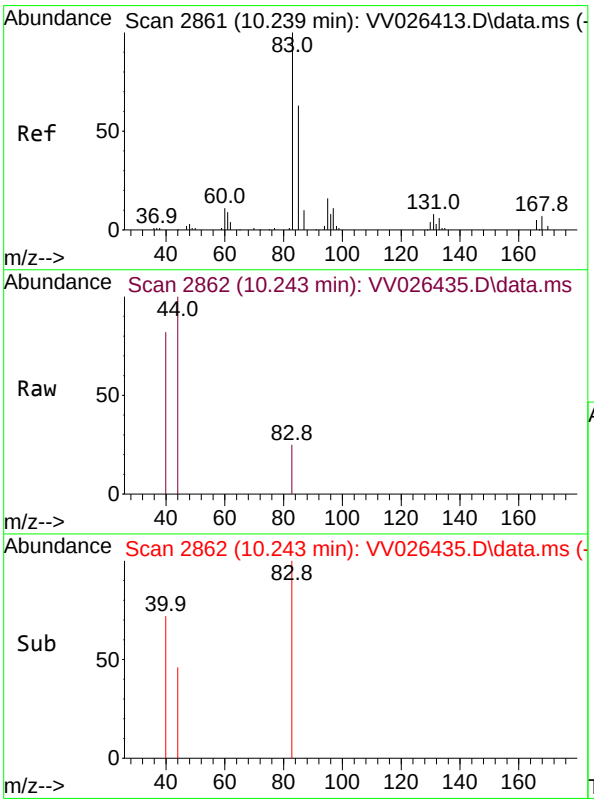
#55
Styrene
Concen: 0.805 ug/L
RT: 9.571 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 148

Ion	Ratio	Lower	Upper
104	100		
78	78.5	29.5	54.7#

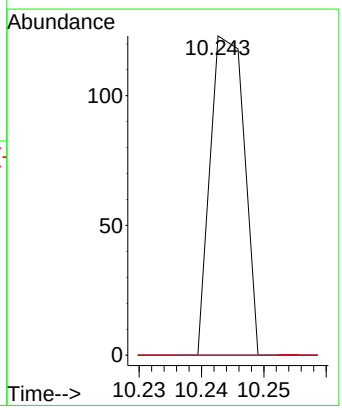


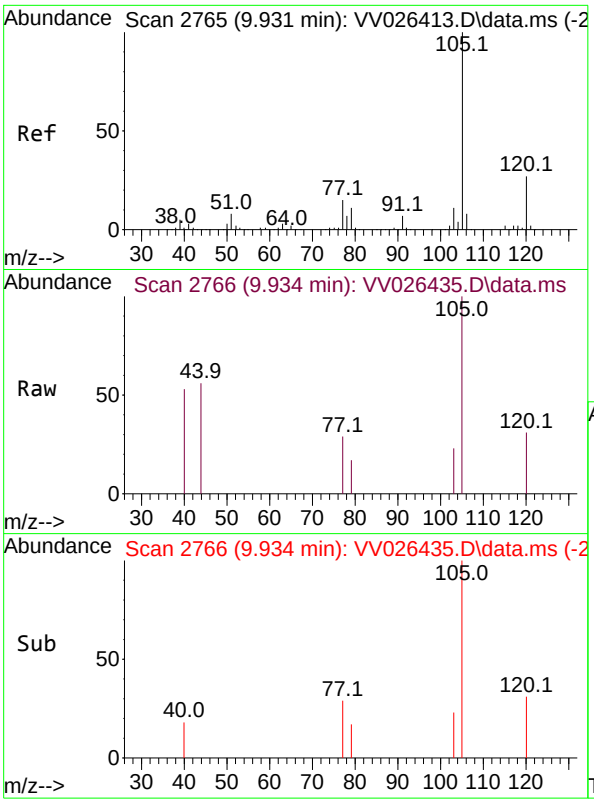


#57
1,1,2,2-Tetrachloroethane
Concen: 0.982 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 83 Resp: 47

Ion	Ratio	Lower	Upper
83	100		
85	0.0	47.1	87.5#
131	0.0	7.7	11.5#



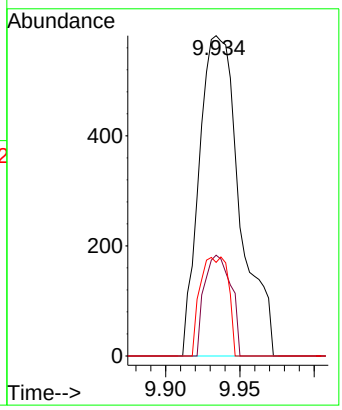


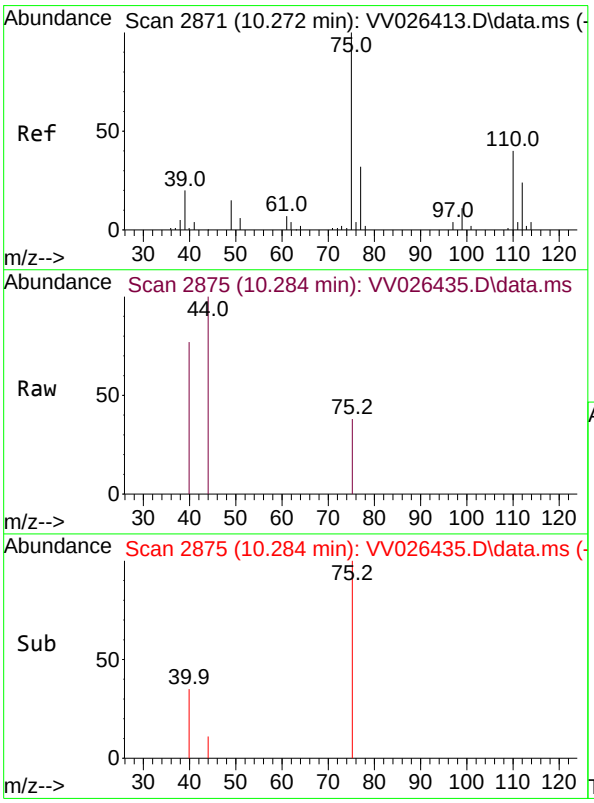
#60
Isopropylbenzene
Concen: 1.220 ug/L
RT: 9.934 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 1110

Ion	Ratio	Lower	Upper
105	100		
120	20.5	21.5	32.3#
77	21.4	12.2	18.4#

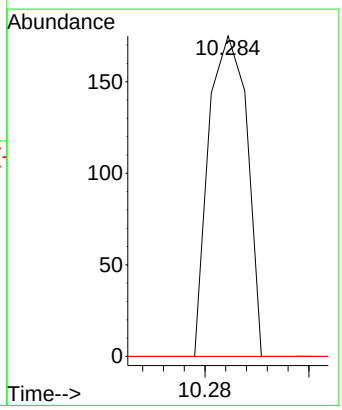


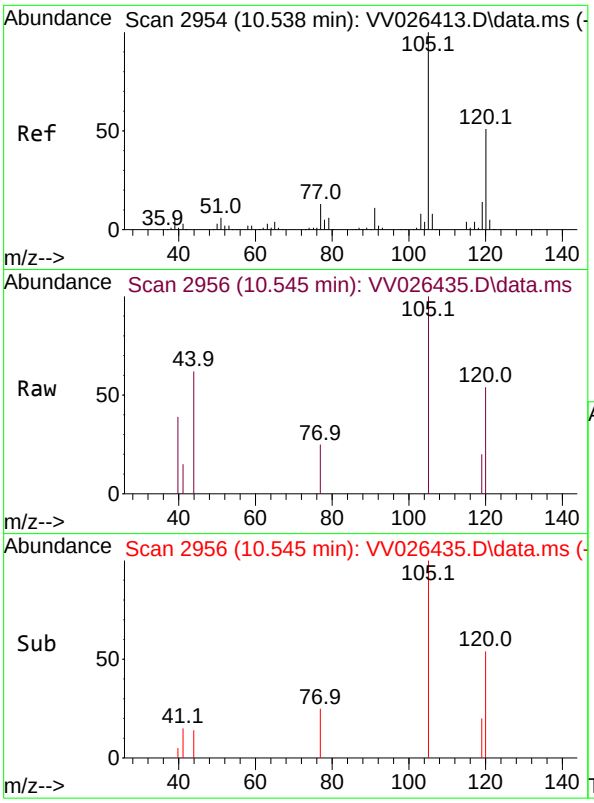


#61
1,2,3-Trichloropropane
Concen: 0.813 ug/L
RT: 10.284 min Scan# 2875
Delta R.T. 0.013 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 75 Resp: 90

Ion	Ratio	Lower	Upper
75	100		
77	110.0	26.9	40.3#
110	0.0	30.7	46.1#



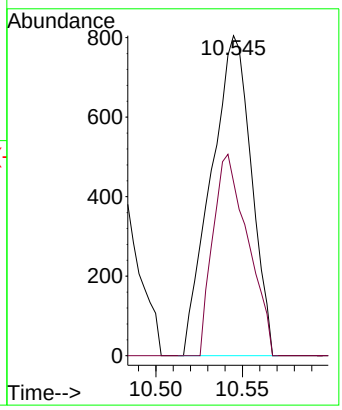


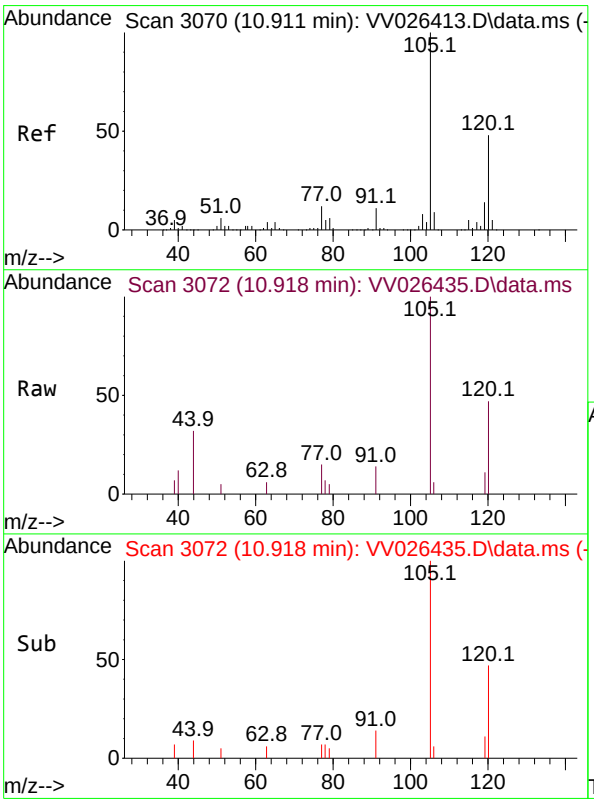
#62
1,3,5-Trimethylbenzene
Concen: 1.803 ug/L
RT: 10.545 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 1302

Ion	Ratio	Lower	Upper
105	100		
120	54.6	39.9	59.9

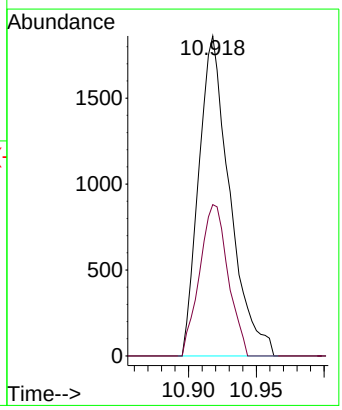


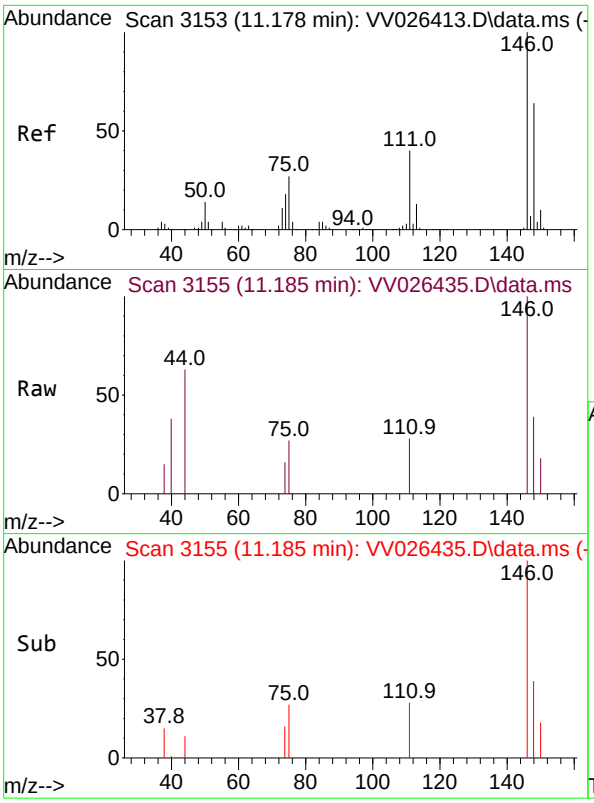


#63
1,2,4-Trimethylbenzene
Concen: 4.127 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion:105 Resp: 2950

Ion	Ratio	Lower	Upper
105	100		
120	43.5	36.9	55.3



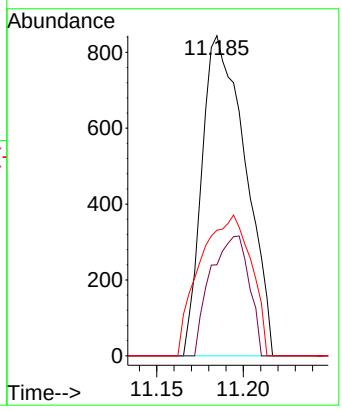


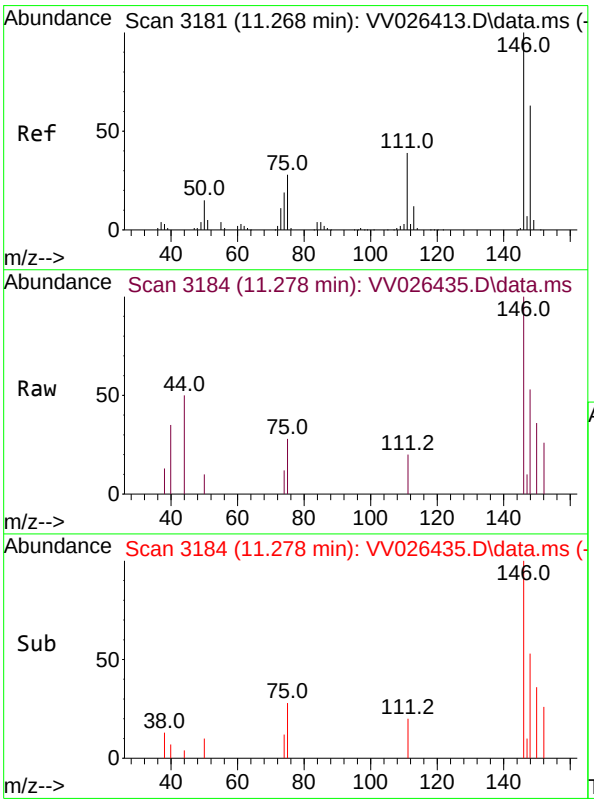
#64
1,3-Dichlorobenzene
Concen: 3.292 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1472

Ion	Ratio	Lower	Upper
146	100		
111	28.4	27.8	51.6
148	39.2	44.9	83.3#

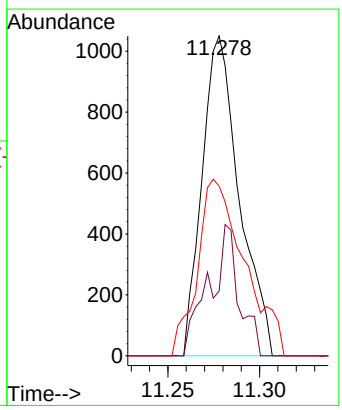


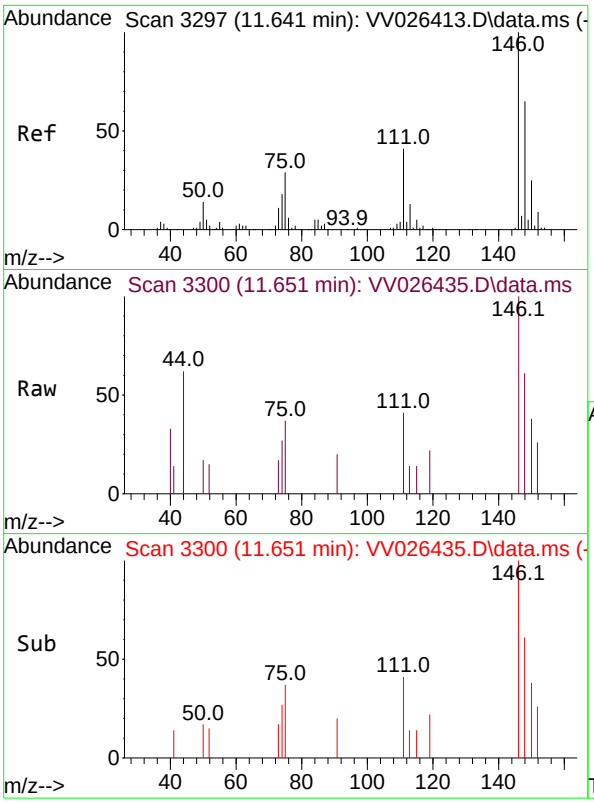


#65
1,4-Dichlorobenzene
Concen: 3.259 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion:146 Resp: 1481

Ion	Ratio	Lower	Upper
146	100		
111	20.3	26.7	49.7#
148	53.0	43.3	80.3



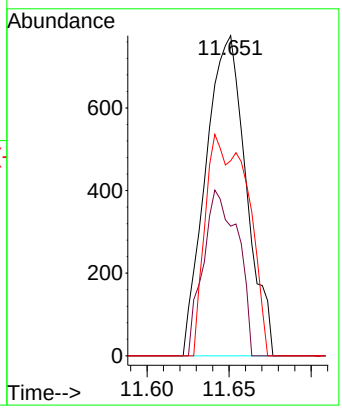


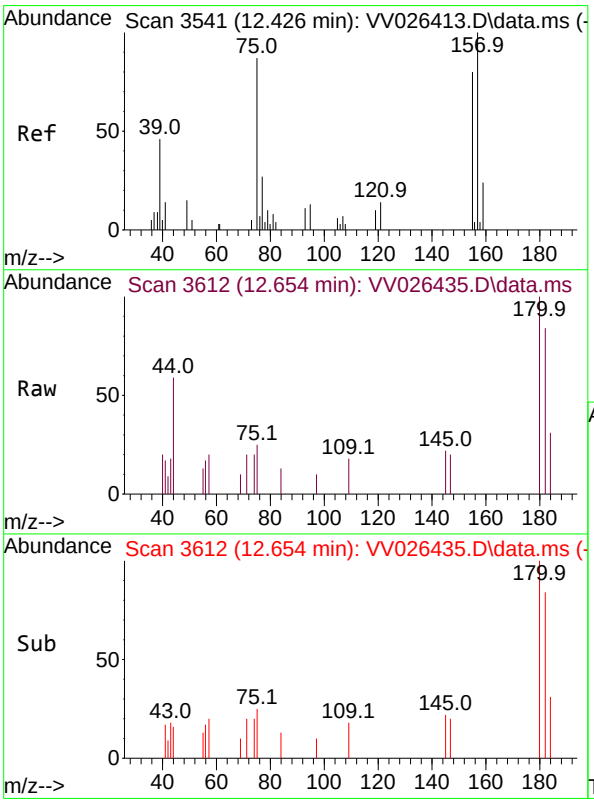
#67
1,2-Dichlorobenzene
Concen: 3.343 ug/L
RT: 11.651 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1324

Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.8	50.8
148	60.9	51.7	77.5

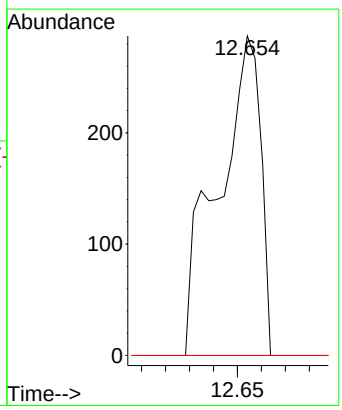


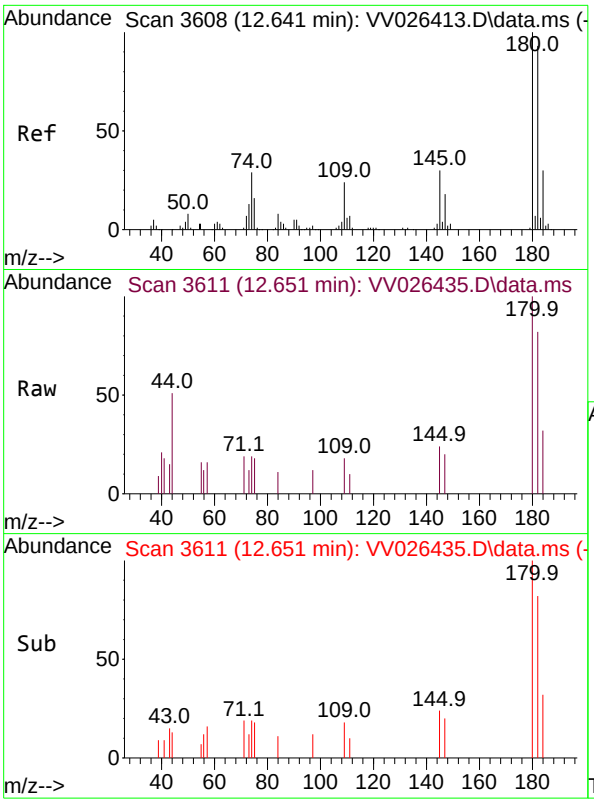


#68
1,2-Dibromo-3-chloropropane
Concen: 18.144 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.228 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion: 75 Resp: 356

Ion	Ratio	Lower	Upper
75	100		
155	0.0	63.7	95.5#
157	0.0	85.0	127.6#



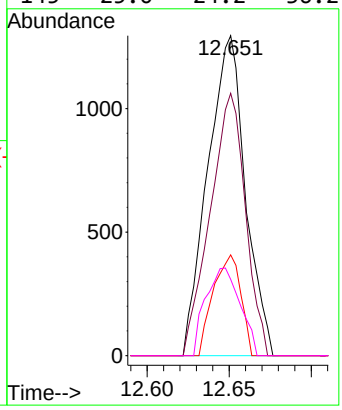


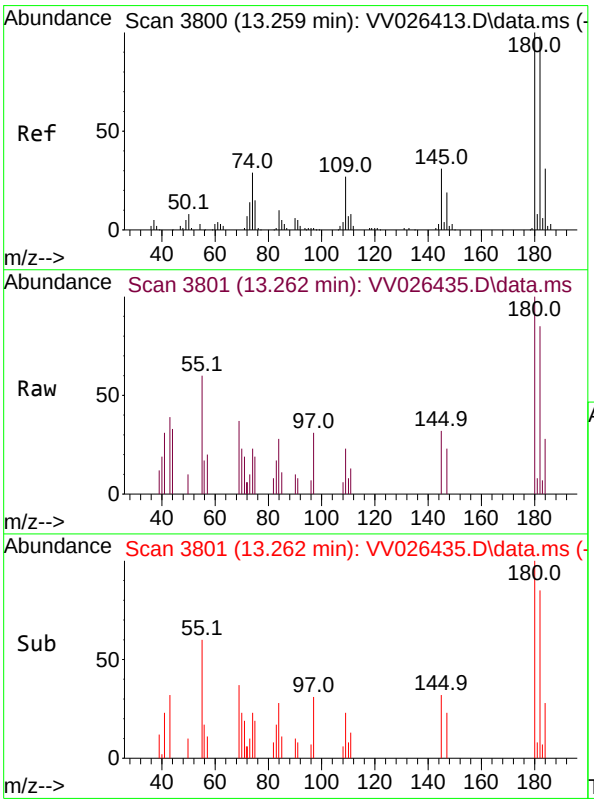
#69
1,3,5-Trichlorobenzene
Concen: 6.375 ug/L
RT: 12.651 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 2061

Ion	Ratio	Lower	Upper
180	100		
182	76.8	75.5	113.3
184	23.1	23.7	35.5#
145	25.0	24.2	36.2

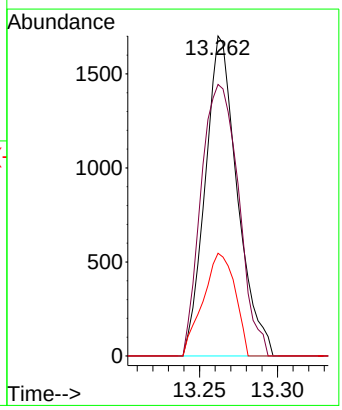


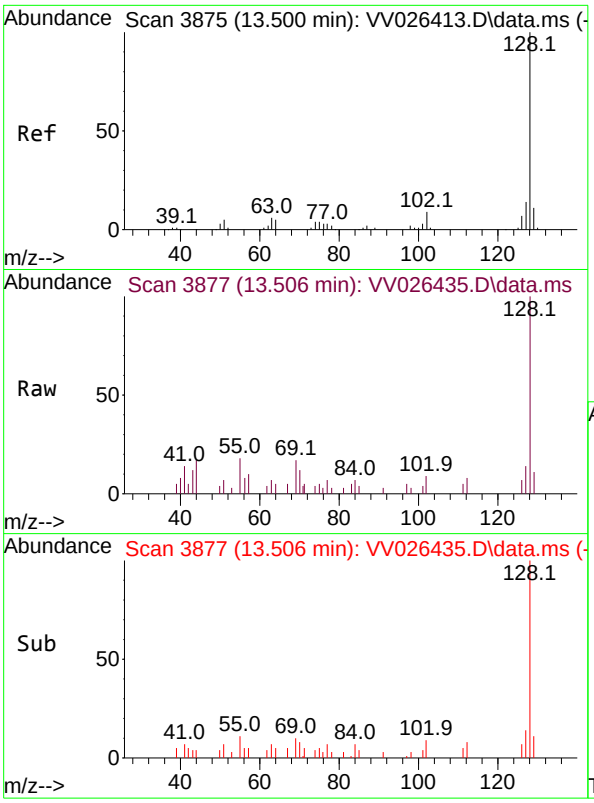


#70
1,2,4-trichlorobenzene
Concen: 10.207 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion:180 Resp: 2434

Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.2	114.2
145	31.9	23.9	35.9



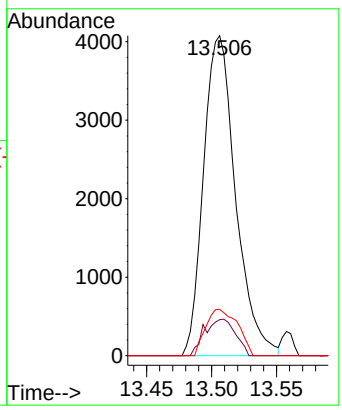


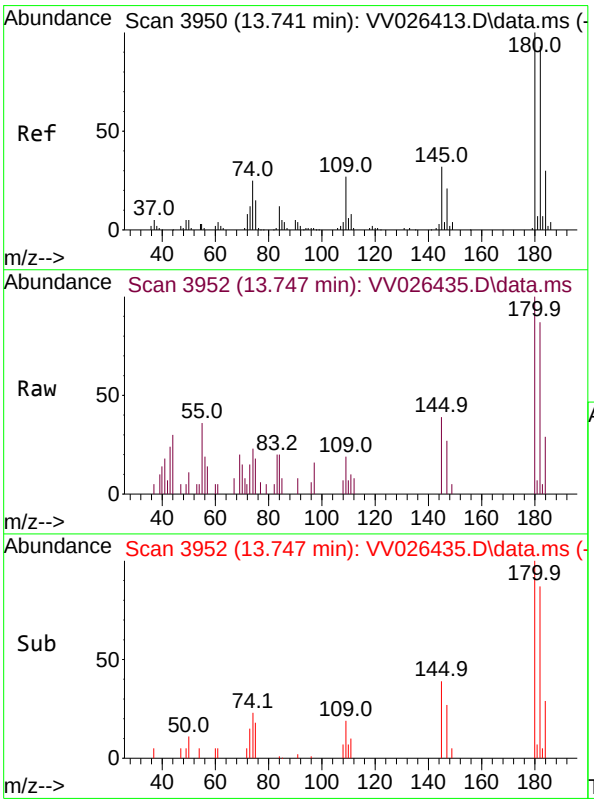
#71
Naphthalene
Concen: 21.148 ug/L
RT: 13.506 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 7002

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	14.4	10.6	16.0





#72
1,2,3-Trichlorobenzene
Concen: 17.652 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV026435.D
Acq: 18 Jun 2022 20:36

Tgt Ion:180 Resp: 3524

Ion	Ratio	Lower	Upper
180	100		
182	90.1	77.9	116.9
145	34.4	26.7	40.1