Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
Data File : VV026378.D
Acq On : 17 Jun 2022 13:51
Operator : SY/MD
Sample : N3318-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 18 00:03:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	173225	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53877	3.581	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.600%			
7) Chloroethane-d5	1.584	69	50439	4.264	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.124	63	91340	3.535	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.800%			
20) 2-Butanone-d5	3.921	46	90802	61.849	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.700%			
24) Chloroform-d	4.365	84	111728	5.066	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.047	65	46168	4.948	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	5.063	84	203388	4.450	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.076	67	66742	5.003	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.000%			
41) Toluene-d8	7.320	98	161991	3.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.800%			
43) trans-1,3-Dichloroprop...	7.632	79	12171	2.814	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.200%			
46) 2-Hexanone-d5	8.092	63	62295	47.674	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.340%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44120	5.369	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	54477	4.960	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
3) Chloromethane	1.259	50	1456	0.101	ug/L #	81
5) Vinyl chloride	1.327	62	19019	1.272	ug/L #	19
6) Bromomethane	1.539	94	368	0.044	ug/L	76
8) Chloroethane	1.536	64	172349	18.567	ug/L #	49
12) 1,1-Dichloroethene	2.137	96	22691	2.073	ug/L #	74
14) Carbon disulfide	2.314	76	1959	0.073	ug/L #	94
17) Methyl tert-butyl Ether	2.789	73	82599	4.390	ug/L	98
19) 1,1-Dichloroethane	3.211	63	16613	0.821	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	29552	2.752	ug/L	91
25) Chloroform	4.394	83	21960	1.000	ug/L	100
29) 1,1,1-Trichloroethane	4.625	97	21641	1.146	ug/L	98
31) Carbon tetrachloride	4.619	117	2778	0.174	ug/L	97
34) Trichloroethene	5.921	95	167849	14.027	ug/L	100
35) Methylcyclohexane	6.079	83	16143	0.975	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7145	0.623	ug/L #	88
42) Toluene	7.400	91	9375	0.203	ug/L	98
47) Tetrachloroethene	7.982	164	8152	0.920	ug/L	97
49) Dibromochloromethane	7.982	129	7696	0.924	ug/L #	9
52) Ethylbenzene	9.024	91	1840	0.040	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
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Acq On : 17 Jun 2022 13:51
Operator : SY/MD
Sample : N3318-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 18 00:03:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.146	106	2816	0.156	ug/L		78
54) o-Xylene	9.555	106	1223	0.070	ug/L		78
61) 1,2,3-Trichloropropane	11.249	75	7859	1.698	ug/L	#	68
62) 1,3,5-Trimethylbenzene	10.918	105	3255	0.108	ug/L		94
63) 1,2,4-Trimethylbenzene	10.918	105	3255	0.109	ug/L		88
71) Naphthalene	13.513	128	1351	0.098	ug/L	#	76

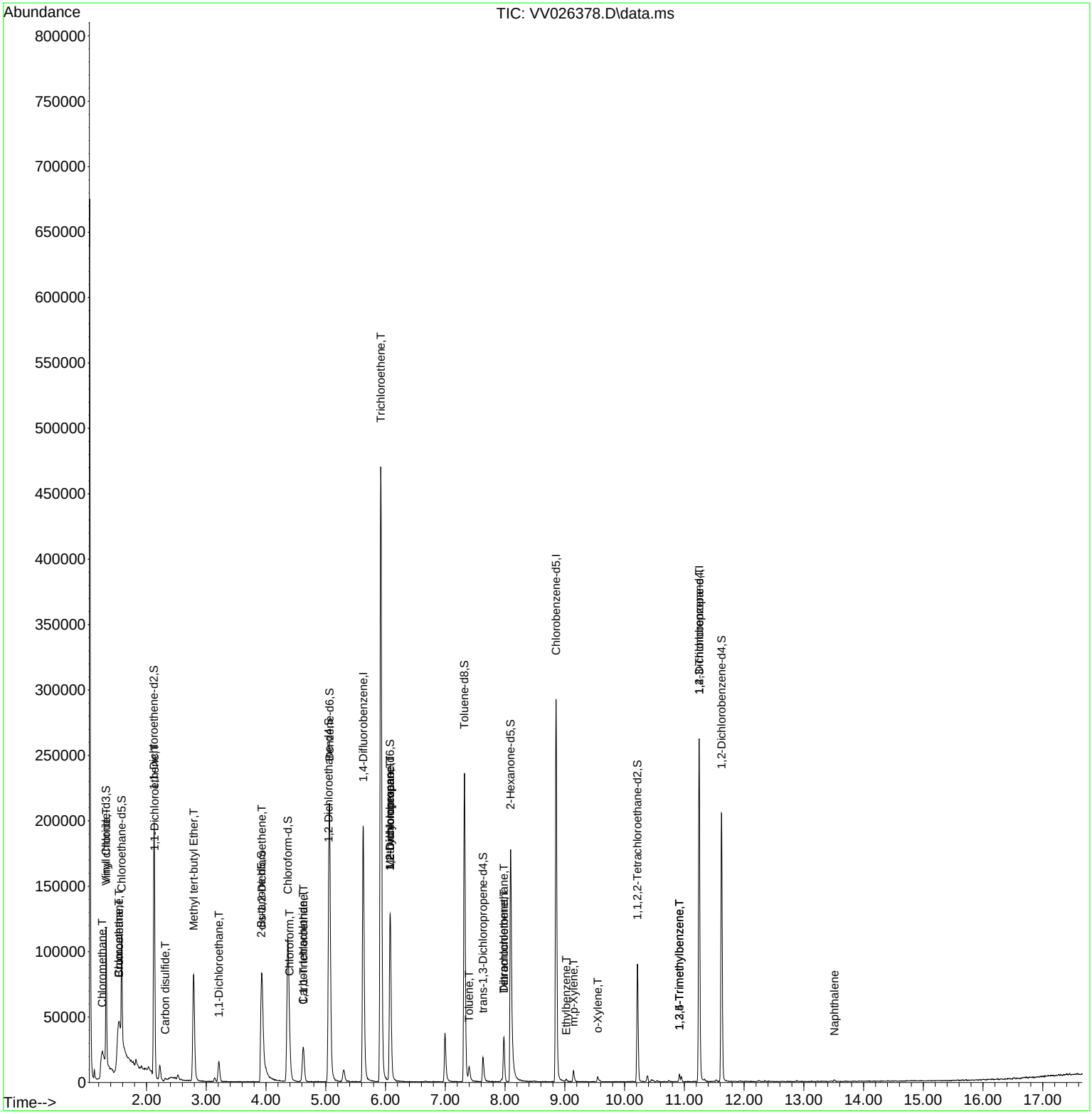
(#) = qualifier out of range (m) = manual integration (+) = signals summed

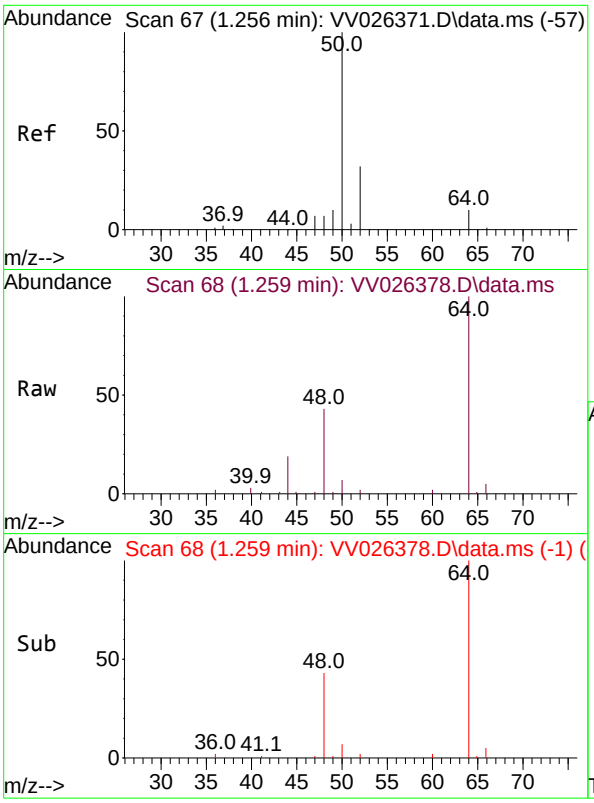
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
Data File : VV026378.D
Acq On : 17 Jun 2022 13:51
Operator : SY/MD
Sample : N3318-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 18 00:03:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration



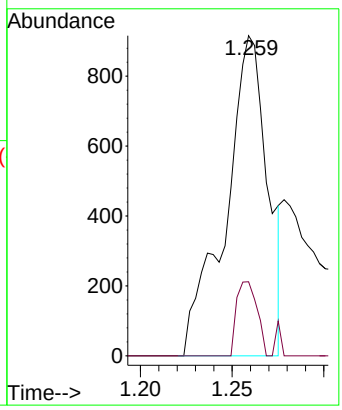


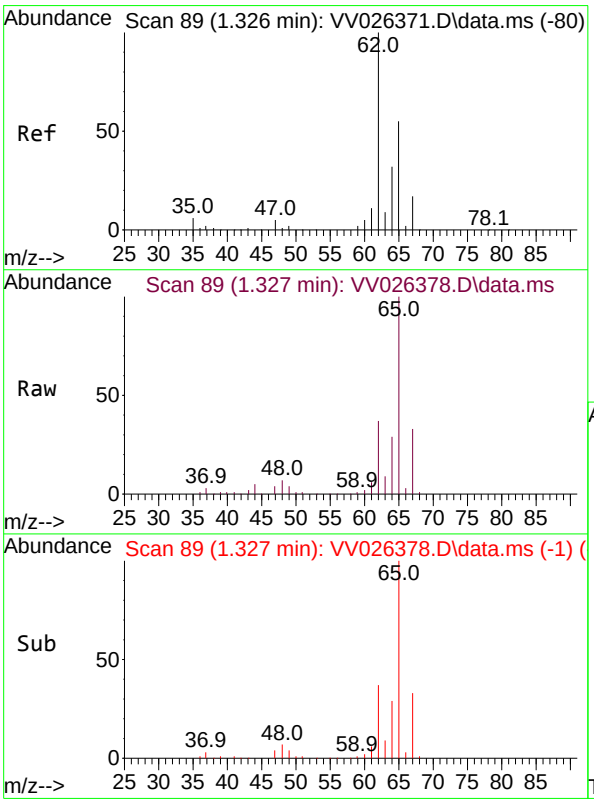
#3
Chloromethane
Concen: 0.101 ug/L
RT: 1.259 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1456

Ion	Ratio	Lower	Upper
50	100		
52	23.1	23.7	44.1#

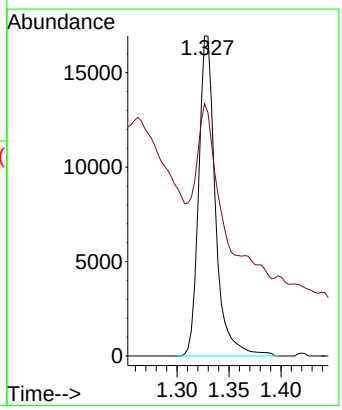


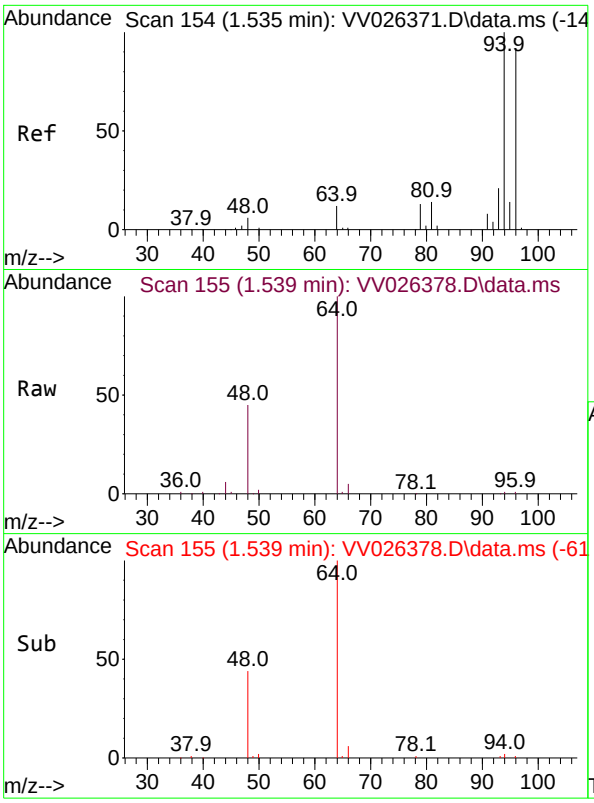


#5
Vinyl chloride
Concen: 1.272 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 62 Resp: 19019

Ion	Ratio	Lower	Upper
62	100		
64	78.8	23.2	43.2#



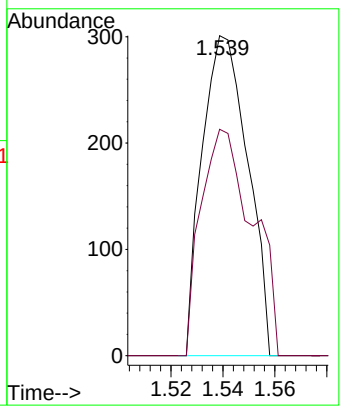


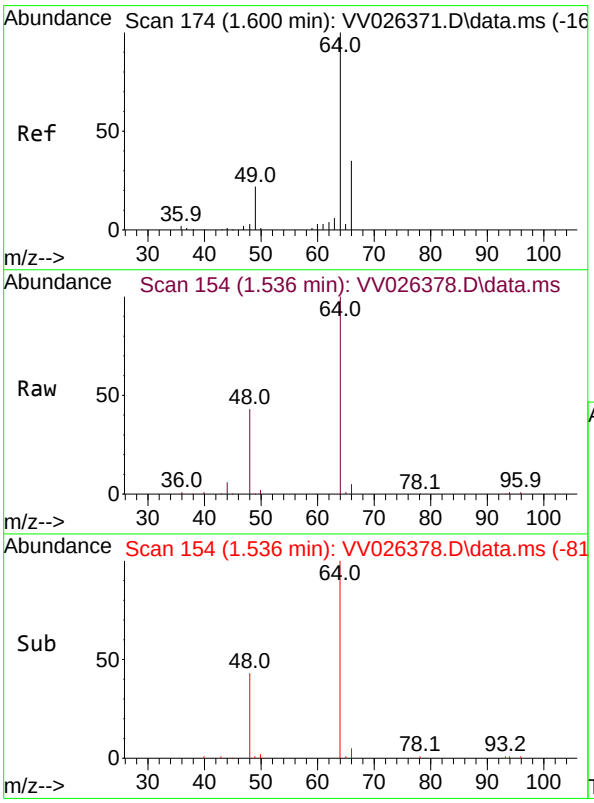
#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.539 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 368

Ion	Ratio	Lower	Upper
94	100		
96	70.8	65.7	121.9

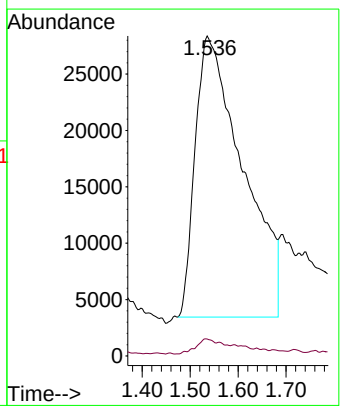


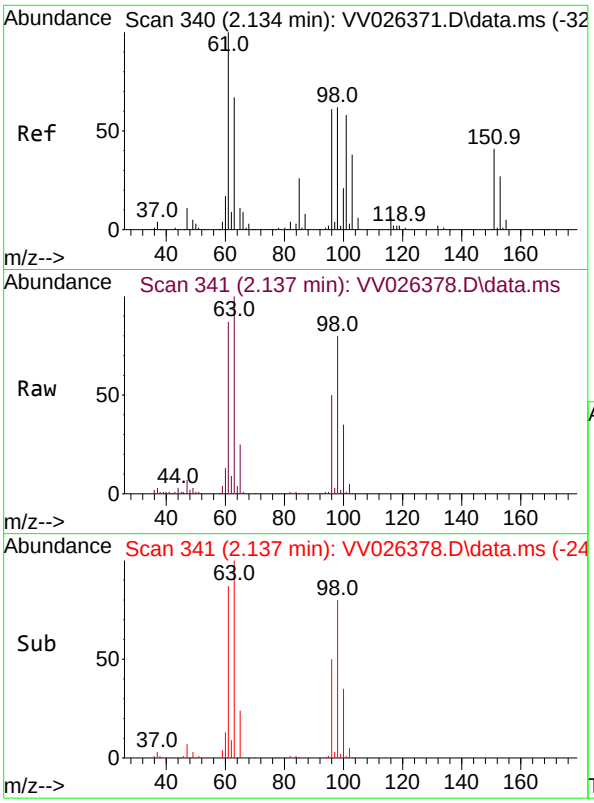


#8
Chloroethane
Concen: 18.567 ug/L
RT: 1.536 min Scan# 154
Delta R.T. -0.064 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 64 Resp: 172349

Ion	Ratio	Lower	Upper
64	100		
66	5.3	24.1	44.7#



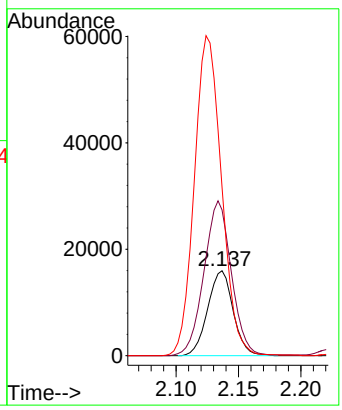


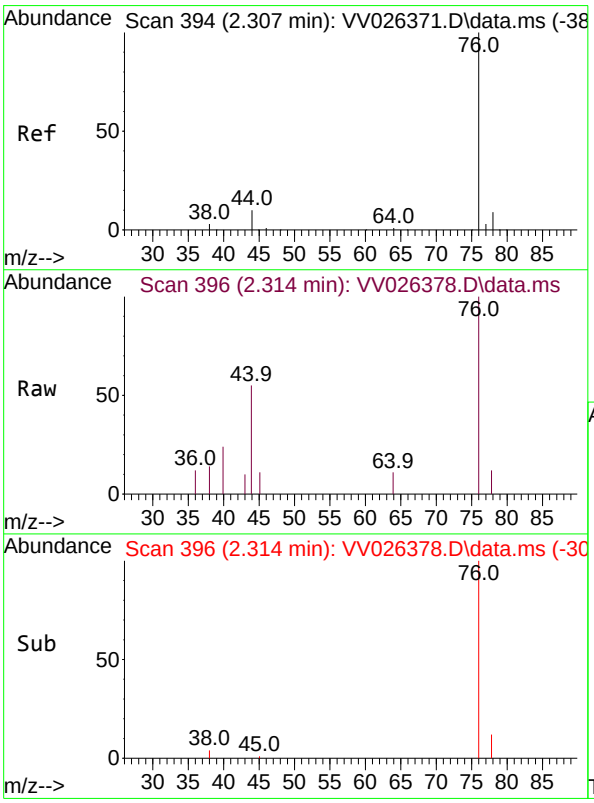
#12
1,1-Dichloroethene
Concen: 2.073 ug/L
RT: 2.137 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 22691

Ion	Ratio	Lower	Upper
96	100		
61	171.6	117.1	217.5
63	198.2	92.8	172.4#

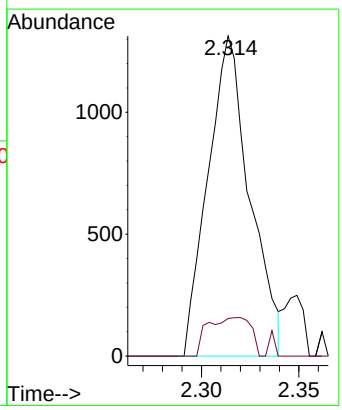


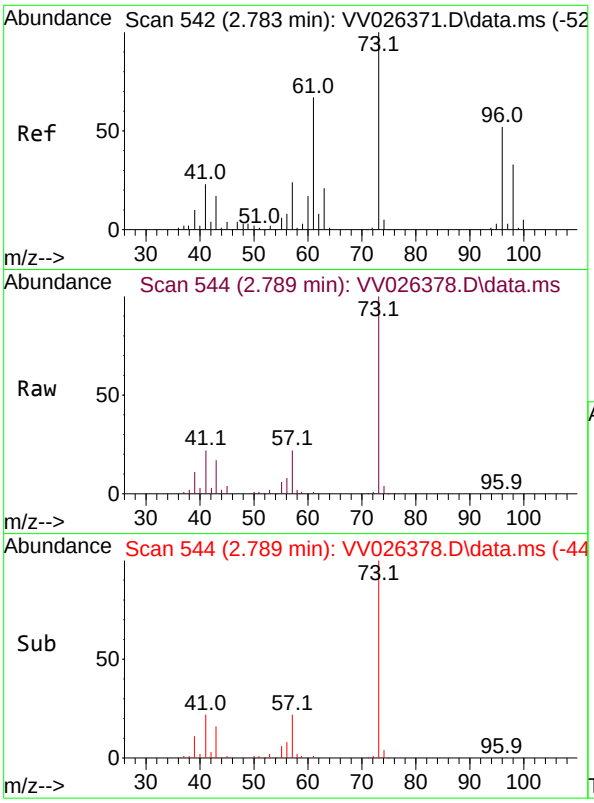


#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 76 Resp: 1959

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.7	11.5#



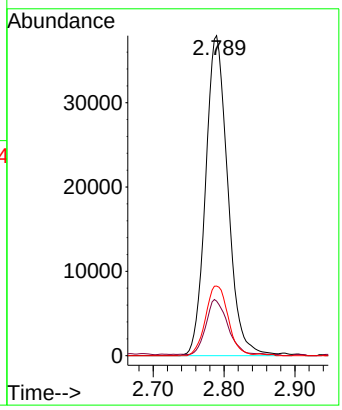


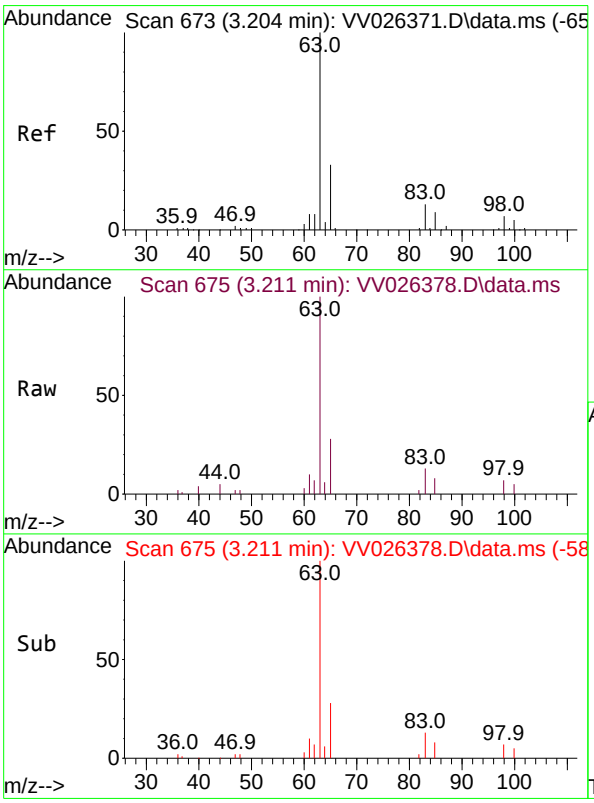
#17
Methyl tert-butyl Ether
Concen: 4.390 ug/L
RT: 2.789 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 82599

Ion	Ratio	Lower	Upper
73	100		
43	18.1	13.0	19.6
57	22.2	17.6	26.4

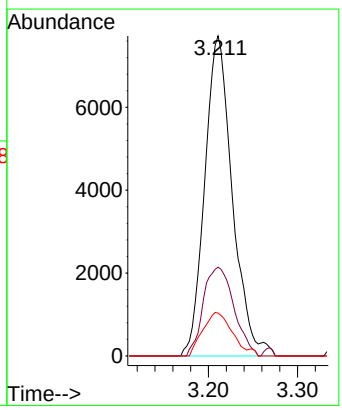


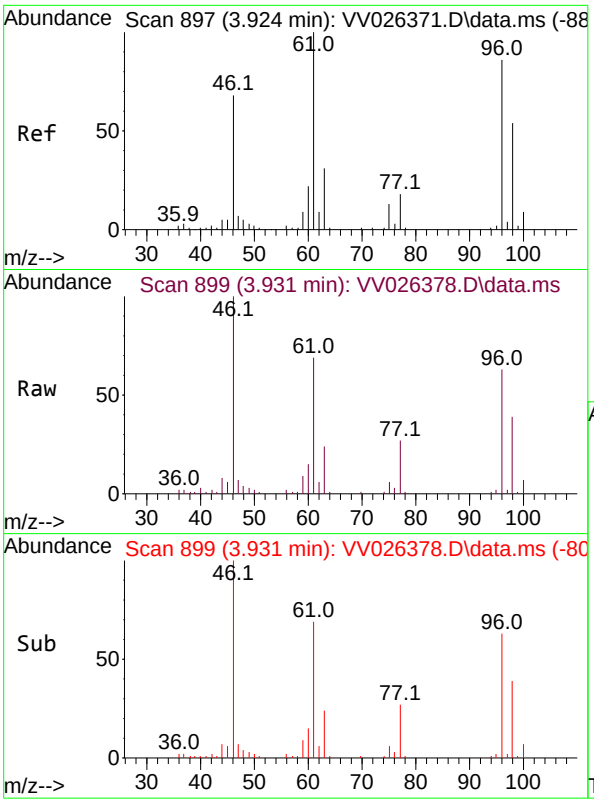


#19
1,1-Dichloroethane
Concen: 0.821 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 63 Resp: 16613

Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.3	41.3
83	13.4	8.9	16.5



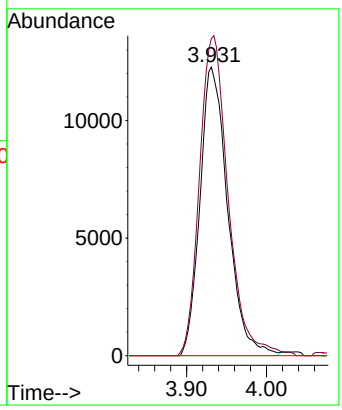


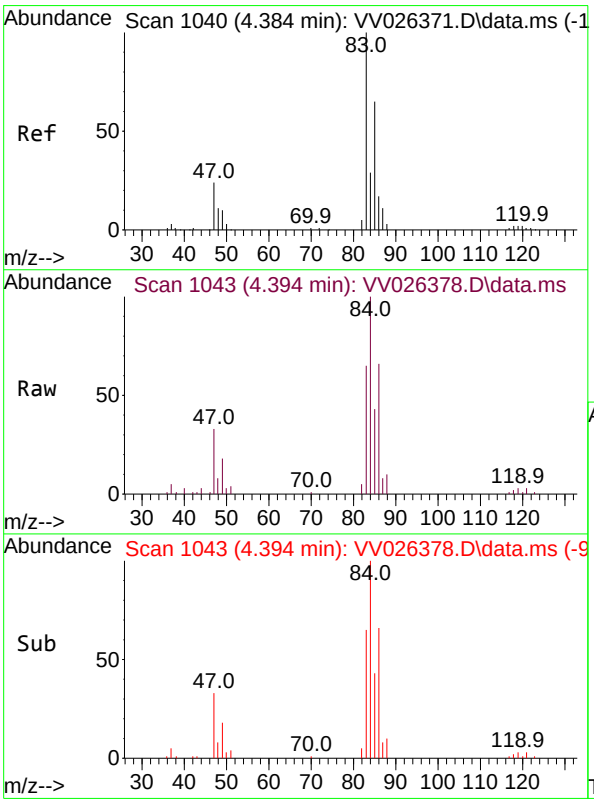
#22
cis-1,2-Dichloroethene
Concen: 2.752 ug/L
RT: 3.931 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 29552

Ion	Ratio	Lower	Upper
96	100		
61	109.8	83.6	155.2
68	0.0	0.0	0.0

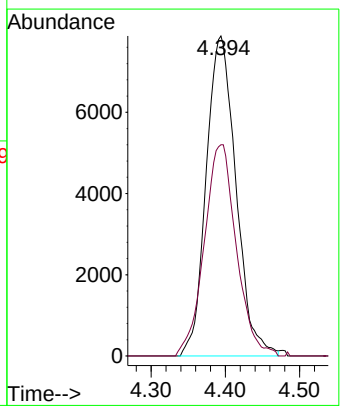


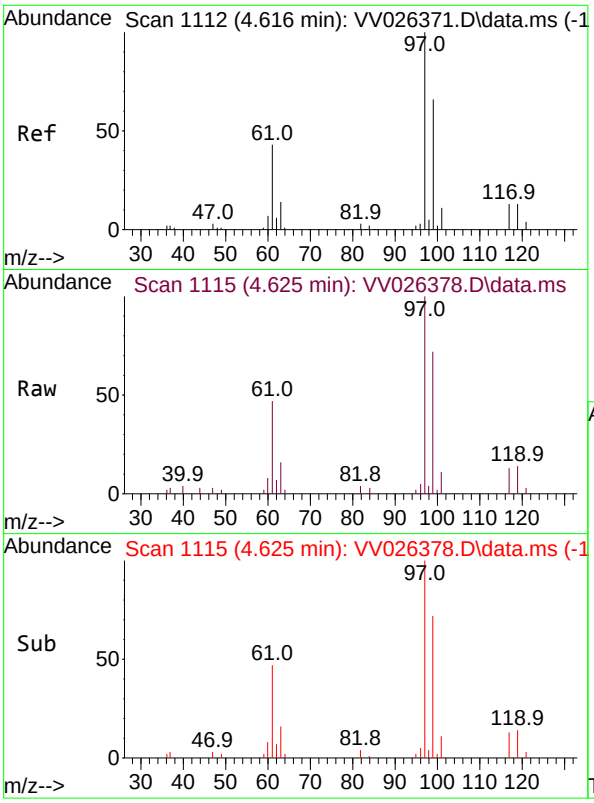


#25
Chloroform
Concen: 1.000 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.010 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 83 Resp: 21960

Ion	Ratio	Lower	Upper
83	100		
85	66.0	46.5	86.3



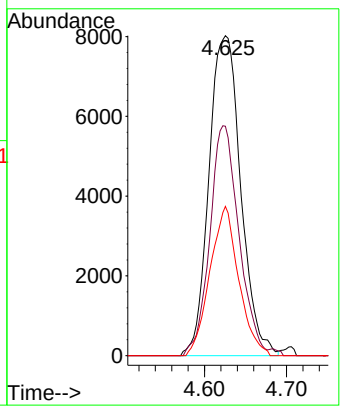


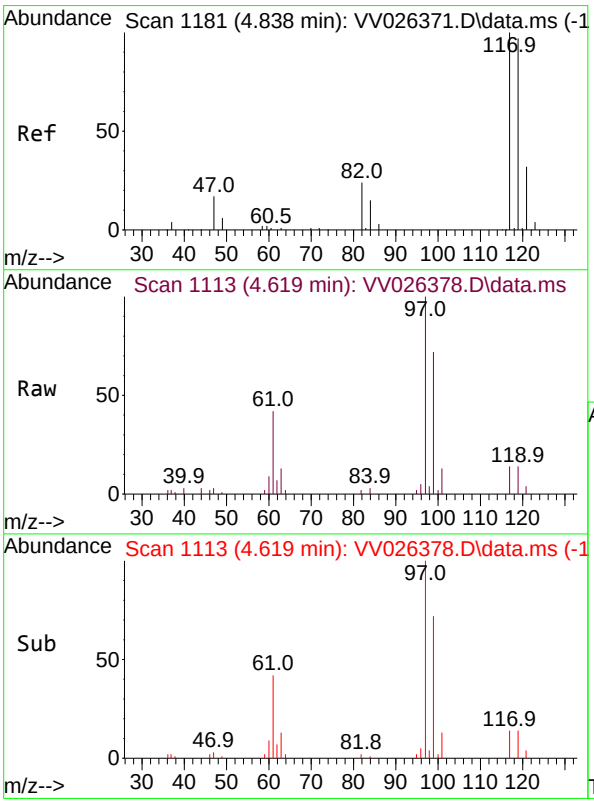
#29
1,1,1-Trichloroethane
Concen: 1.146 ug/L
RT: 4.625 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 21641

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.3	75.5
61	42.1	33.4	50.0

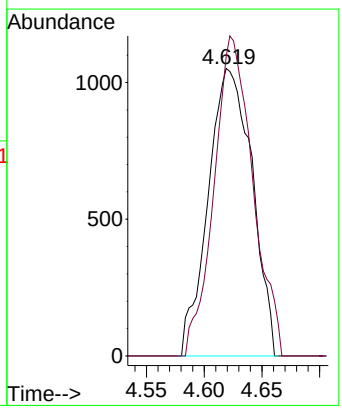


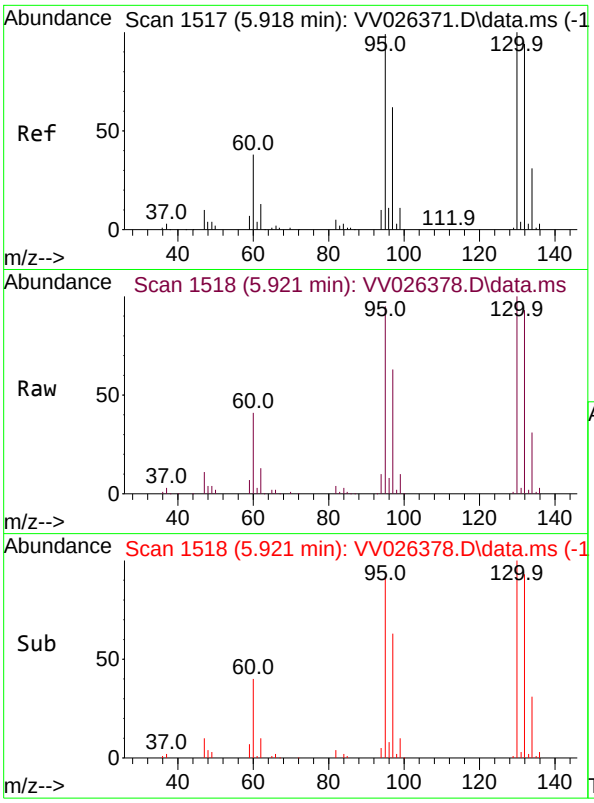


#31
Carbon tetrachloride
Concen: 0.174 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. -0.219 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion:117 Resp: 2778

Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4



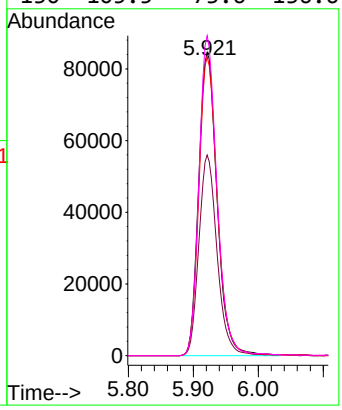


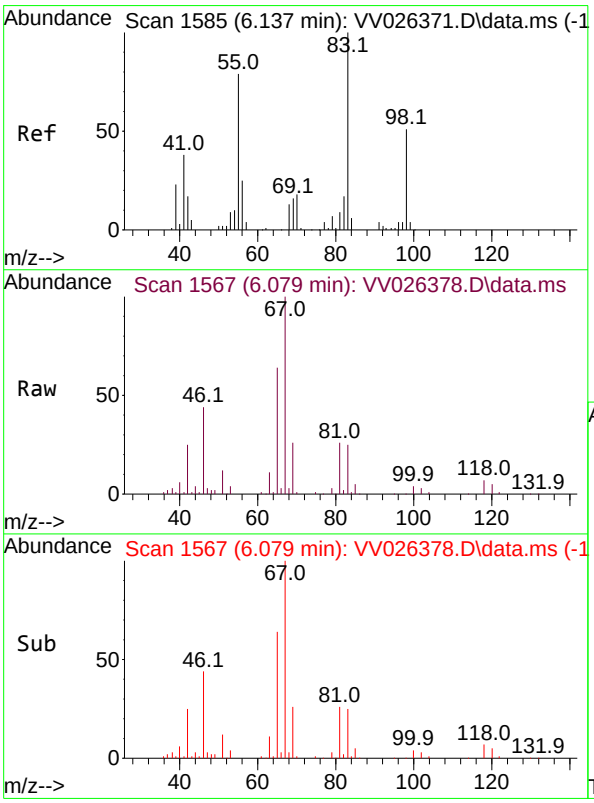
#34
Trichloroethene
Concen: 14.027 ug/L
RT: 5.921 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 167849

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.5	86.3
132	98.6	68.8	127.8
130	105.5	73.6	136.6

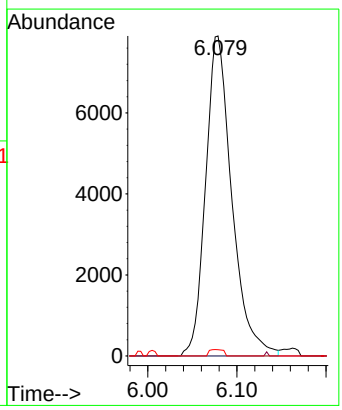


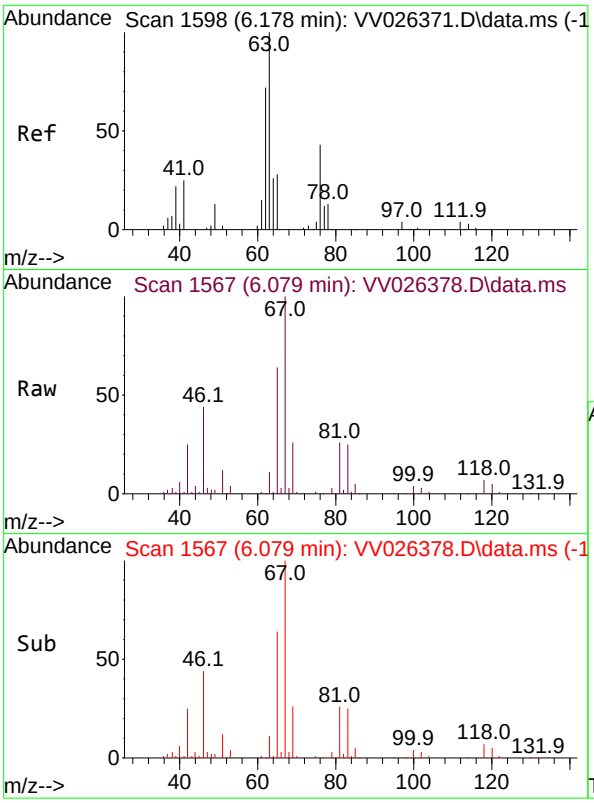


#35
Methylcyclohexane
Concen: 0.975 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 83 Resp: 16143

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.3	88.9#
98	1.1	39.9	59.9#



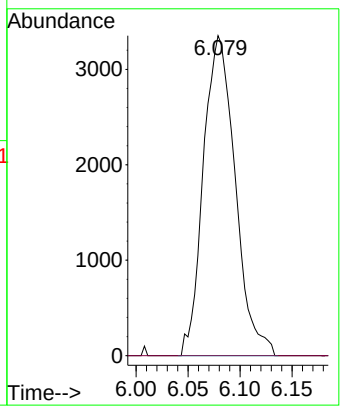


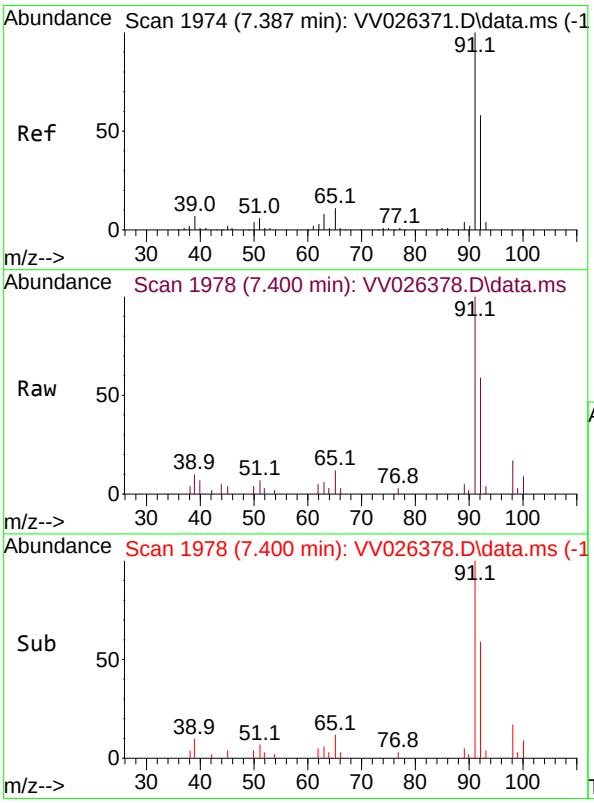
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.079 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 7145

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

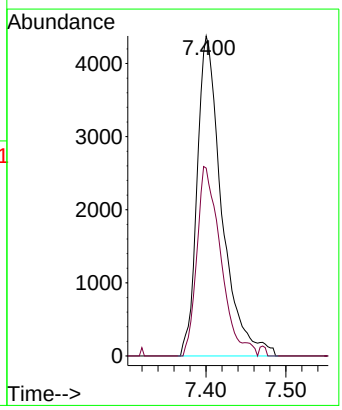


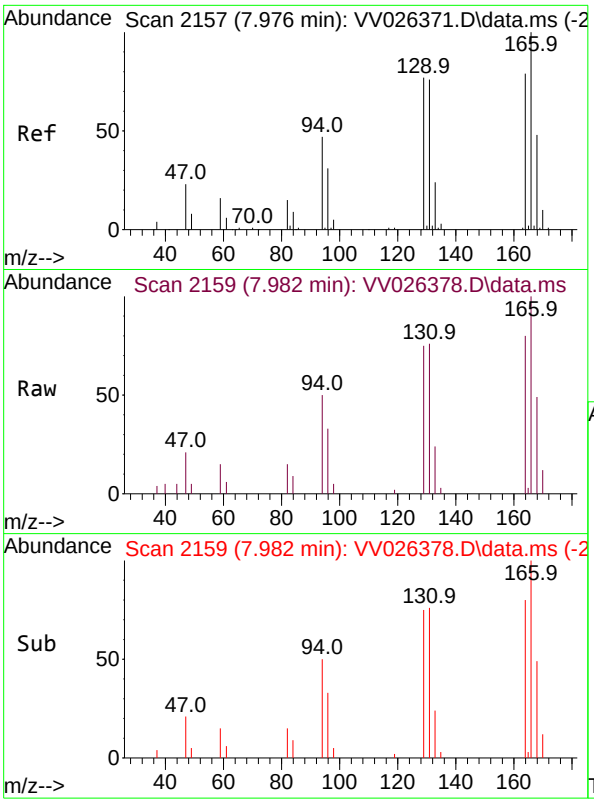


#42
Toluene
Concen: 0.203 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 91 Resp: 9375

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.1	74.5



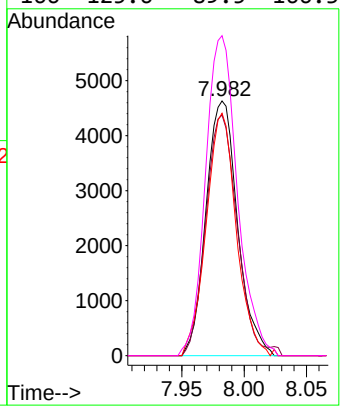


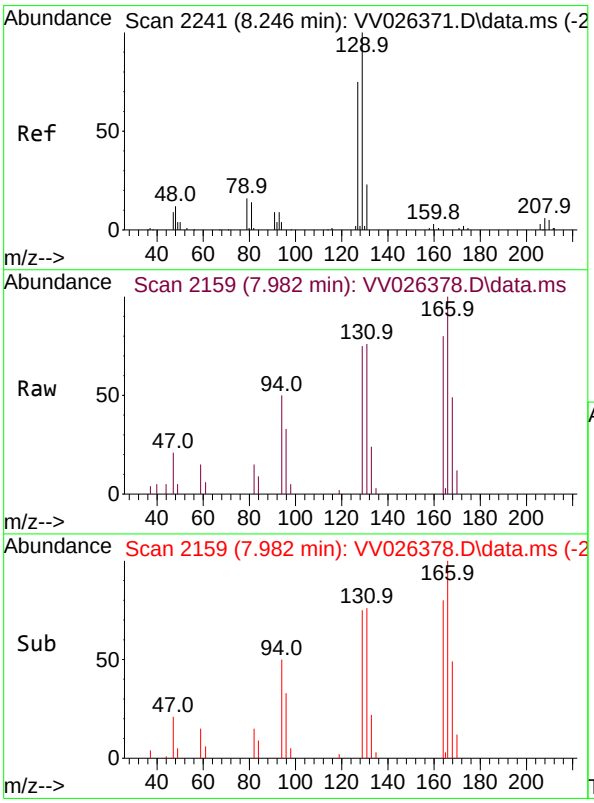
#47
Tetrachloroethene
Concen: 0.920 ug/L
RT: 7.982 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 8152

Ion	Ratio	Lower	Upper
164	100		
129	94.5	67.5	125.3
131	95.2	63.8	118.4
166	125.6	89.5	166.3

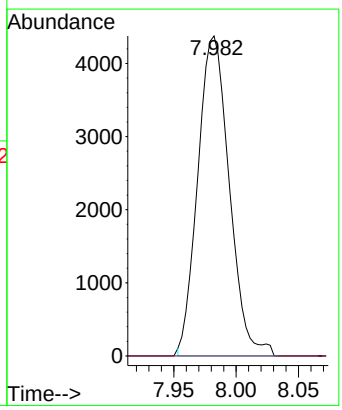


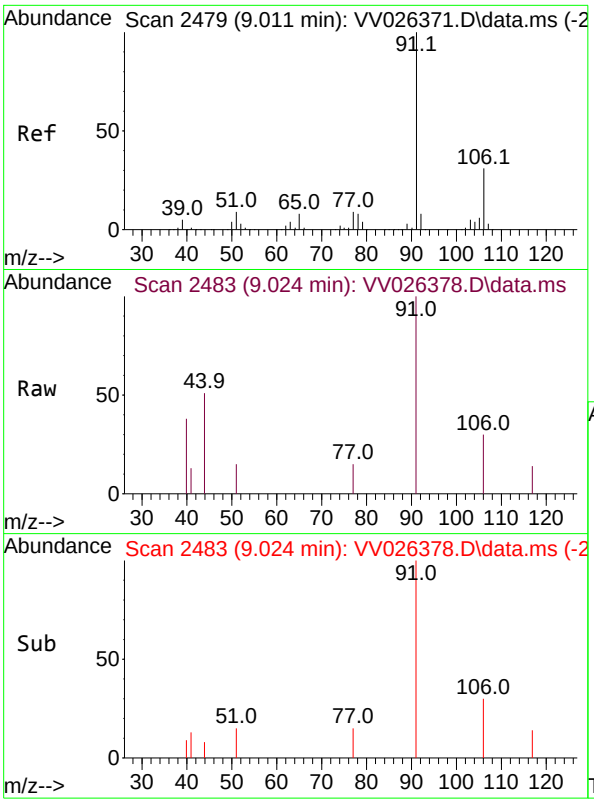


#49
Dibromochloromethane
Concen: 0.924 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion:129 Resp: 7696

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.4	104.7#



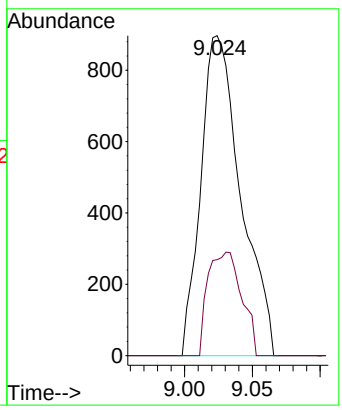


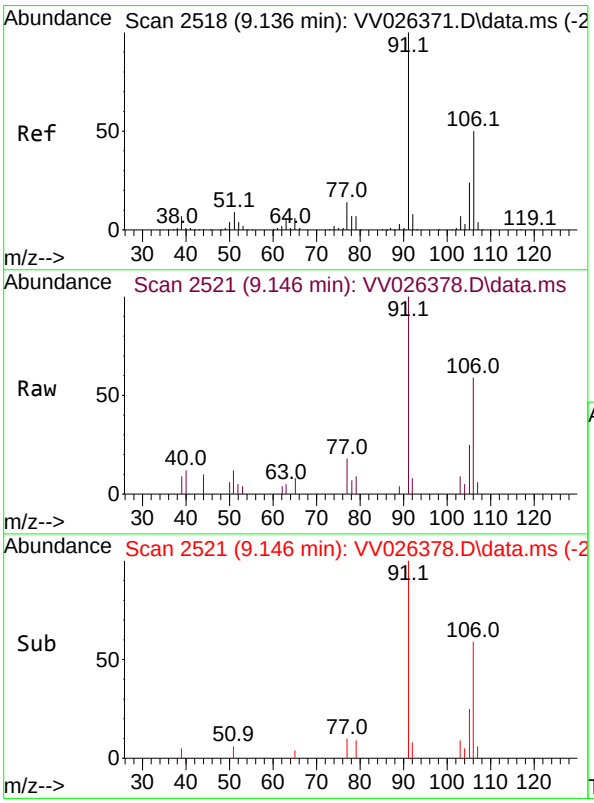
#52
Ethylbenzene
Concen: 0.040 ug/L
RT: 9.024 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 1840

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.6	40.0

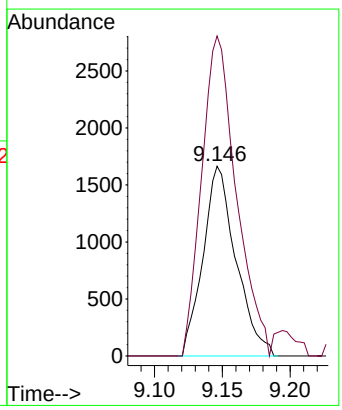


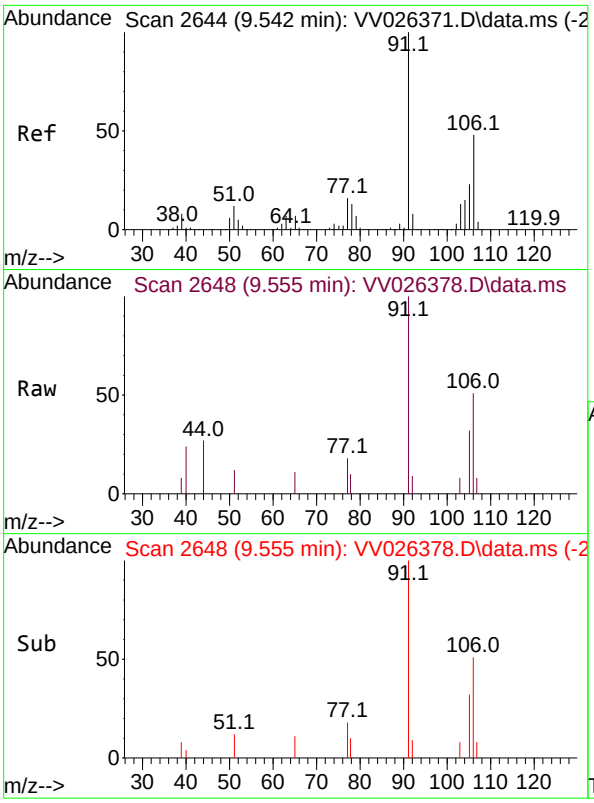


#53
m,p-Xylene
Concen: 0.156 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion:106 Resp: 2816

Ion	Ratio	Lower	Upper
106	100		
91	168.6	141.3	262.3



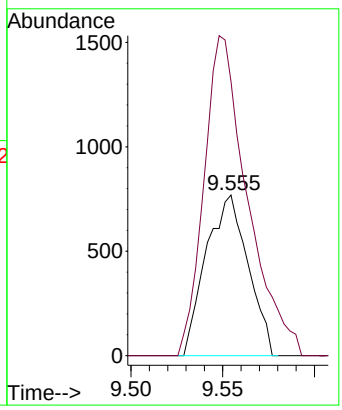


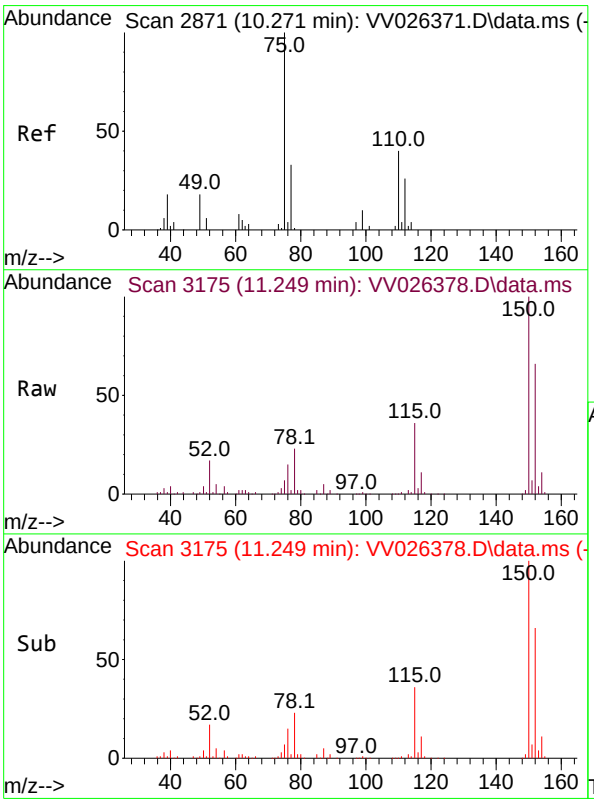
#54
o-Xylene
Concen: 0.070 ug/L
RT: 9.555 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1223

Ion	Ratio	Lower	Upper
106	100		
91	170.7	143.3	266.1

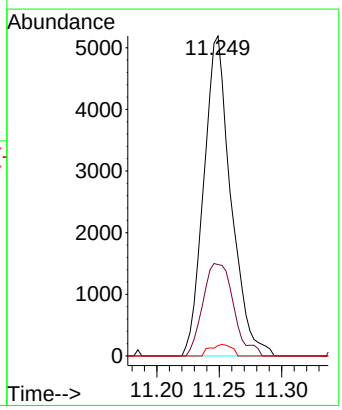


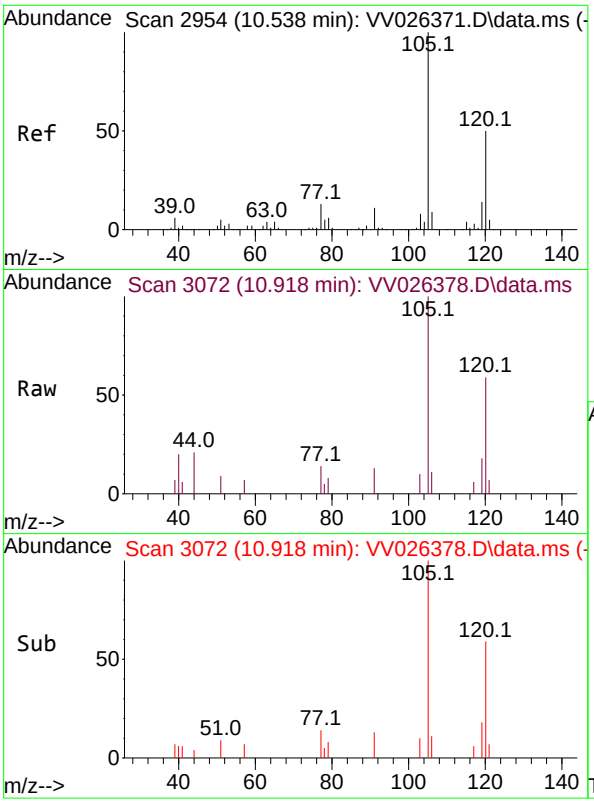


#61
1,2,3-Trichloropropane
Concen: 1.698 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion: 75 Resp: 7859

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.9	40.3
110	2.9	30.7	46.1#



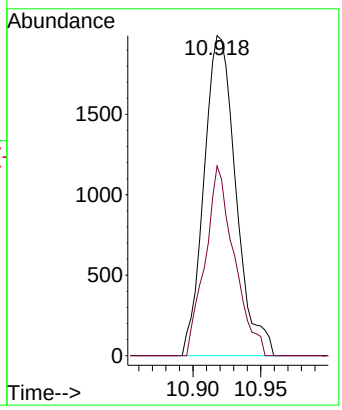


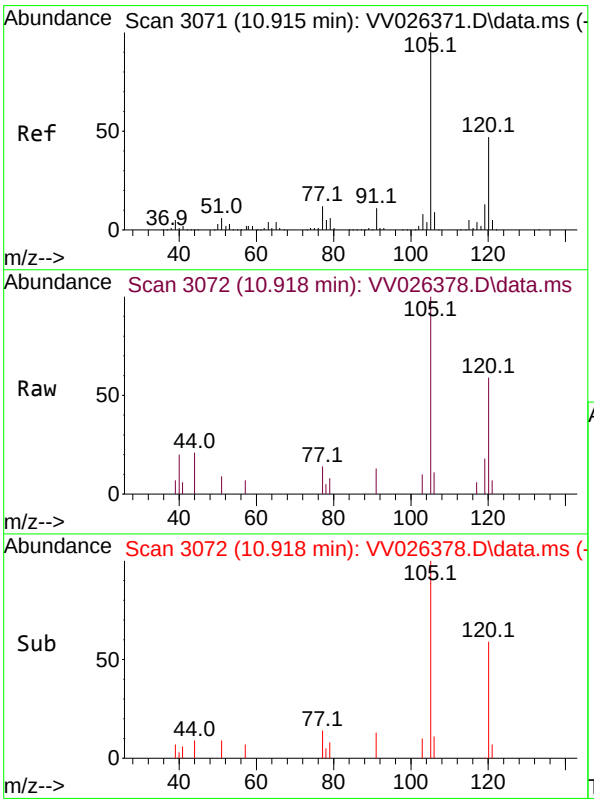
#62
1,3,5-Trimethylbenzene
Concen: 0.108 ug/L
RT: 10.918 min Scan# 3
Delta R.T. 0.379 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 3255

Ion	Ratio	Lower	Upper
105	100		
120	53.8	39.9	59.9

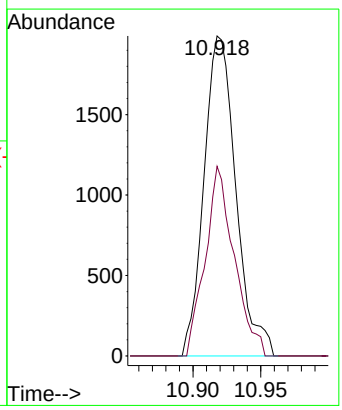


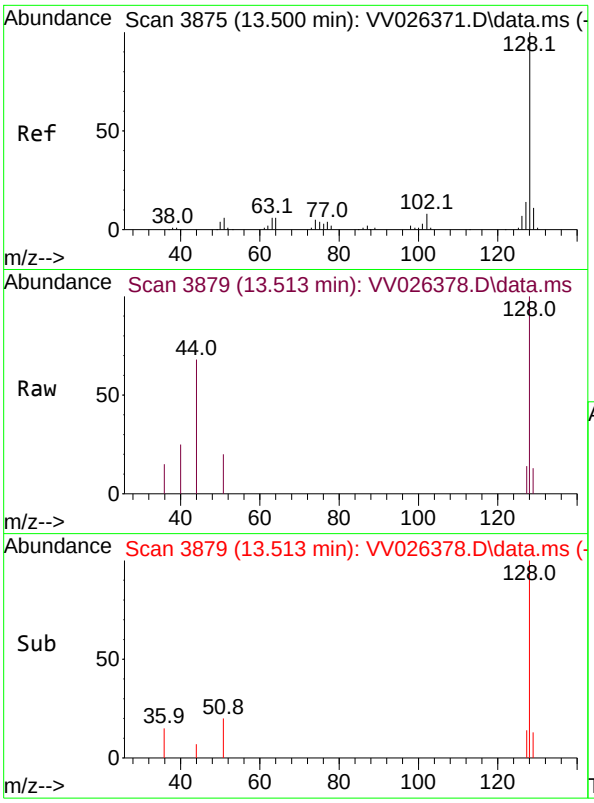


#63
1,2,4-Trimethylbenzene
Concen: 0.109 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Tgt Ion:105 Resp: 3255

Ion	Ratio	Lower	Upper
105	100		
120	53.8	36.9	55.3





#71
Naphthalene
Concen: 0.098 ug/L
RT: 13.513 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV026378.D
Acq: 17 Jun 2022 13:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1351

Ion	Ratio	Lower	Upper
128	100		
129	4.5	8.7	13.1#
127	1.6	10.6	16.0#