Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026548.D
Acq On : 24 Jun 2022 12:17
Operator : SY/MD
Sample : N3401-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Quant Time: Jun 25 02:33:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	264388	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	235304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	84459	3.972	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.400%			
7) Chloroethane-d5	1.581	69	70765	4.143	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.800%			
11) 1,1-Dichloroethene-d2	2.118	63	113666	3.009	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.200%			
20) 2-Butanone-d5	3.915	46	108247	51.207	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.420%			
24) Chloroform-d	4.359	84	145844	4.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	5.040	65	57843	4.321	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.400%			
32) Benzene-d6	5.056	84	312849	4.629	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.076	67	90198	4.853	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	7.317	98	293459	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
43) trans-1,3-Dichloroprop...	7.629	79	28853	6.006	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 120.200%			
46) 2-Hexanone-d5	8.092	63	95975	52.449	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.900%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	56088	4.613	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	97703	4.978	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.600%			
Target Compounds						Qvalue
6) Bromomethane	1.536	94	593	0.047	ug/L	81
8) Chloroethane	1.597	64	71078	4.458	ug/L	96
21) 2-Butanone	3.773	43	81083	40.191	ug/L #	48
30) Cyclohexane	4.687	56	1220478	53.239	ug/L	99
33) Benzene	5.111	78	85535	1.245	ug/L	100
35) Methylcyclohexane	6.137	83	1822004	68.189	ug/L	96
37) 1,2-Dichloropropane	6.134	63	15306	0.924	ug/L #	78
38) Bromodichloromethane	6.468	83	2881	0.147	ug/L #	1
39) cis-1,3-Dichloropropene	6.992	75	1806	0.109	ug/L #	1
40) 4-Methyl-2-pentanone	7.265	43	16171	2.891	ug/L #	43
42) Toluene	7.394	91	103352	1.457	ug/L	99
44) trans-1,3-Dichloropropene	7.629	75	1084	0.088	ug/L #	30
45) 1,1,2-Trichloroethane	7.789	97	93343	8.939	ug/L #	21
50) 1,2-Dibromoethane	8.355	107	328	0.035	ug/L #	1
51) Chlorobenzene	8.886	112	12334	0.265	ug/L	96
52) Ethylbenzene	9.011	91	1182356	16.119	ug/L	100
53) m,p-Xylene	9.140	106	178130	6.225	ug/L	97
54) o-Xylene	9.548	106	4524	0.168	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	1152	0.099	ug/L #	51

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026548.D
Acq On : 24 Jun 2022 12:17
Operator : SY/MD
Sample : N3401-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Quant Time: Jun 25 02:33:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration

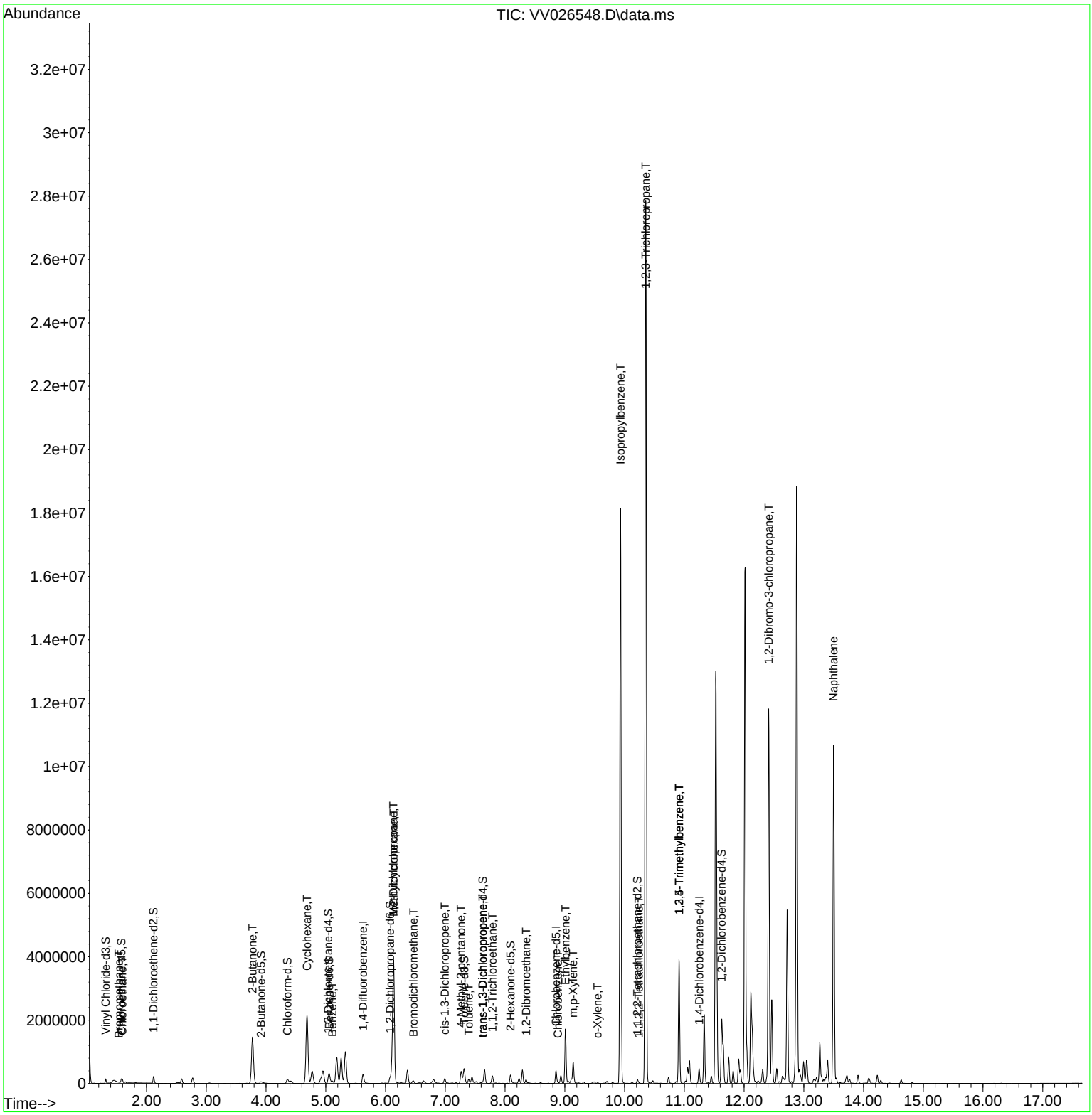
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Isopropylbenzene	9.934	105	11349894	155.184	ug/L		96
61) 1,2,3-Trichloropropane	10.355	75	138736	18.067	ug/L	#	1
62) 1,3,5-Trimethylbenzene	10.911	105	2099588	36.316	ug/L		95
63) 1,2,4-Trimethylbenzene	10.911	105	2099588	36.830	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.413	75	42767	31.052	ug/L	#	1
71) Naphthalene	13.500	128	8104959	343.945	ug/L		98

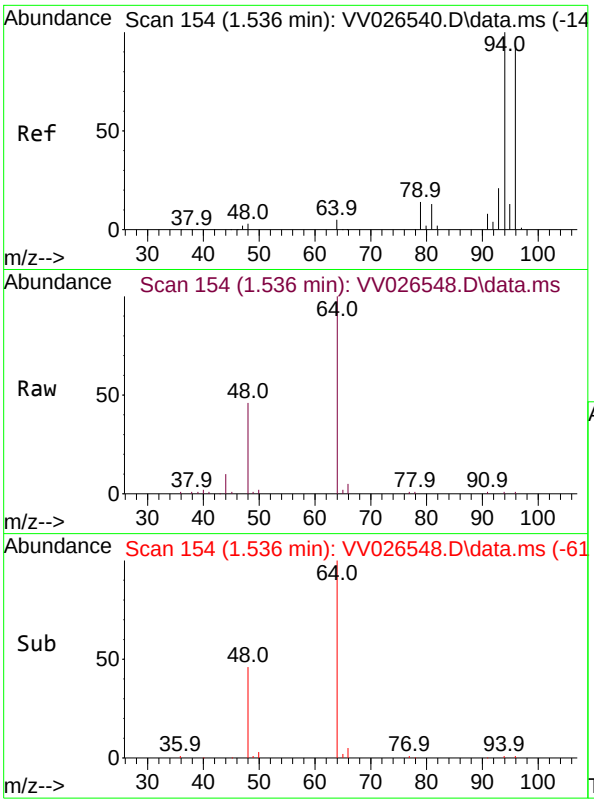
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026548.D
Acq On : 24 Jun 2022 12:17
Operator : SY/MD
Sample : N3401-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Quant Time: Jun 25 02:33:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration



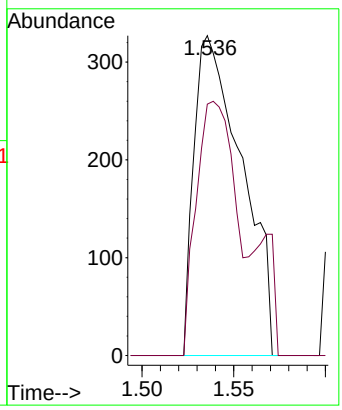


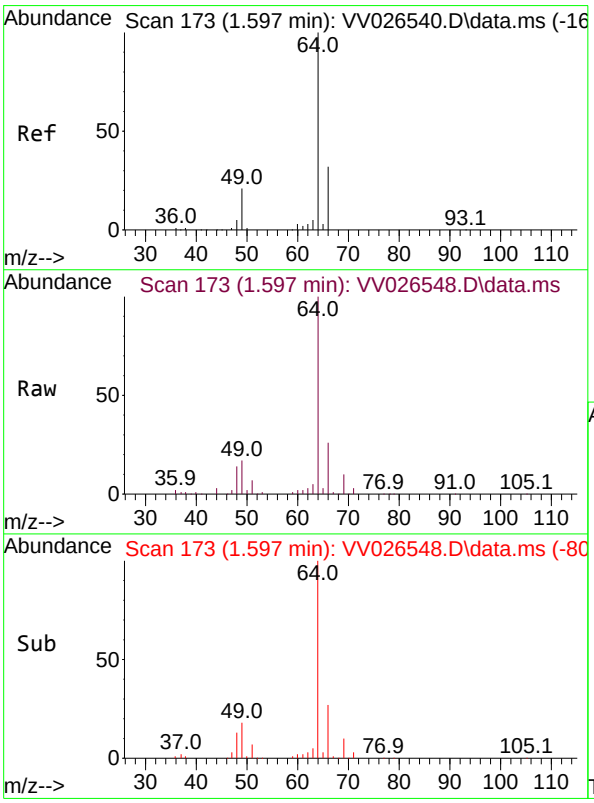
#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 94 Resp: 593

Ion	Ratio	Lower	Upper
94	100		
96	78.6	68.0	126.2

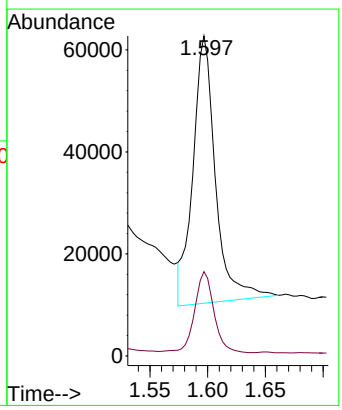


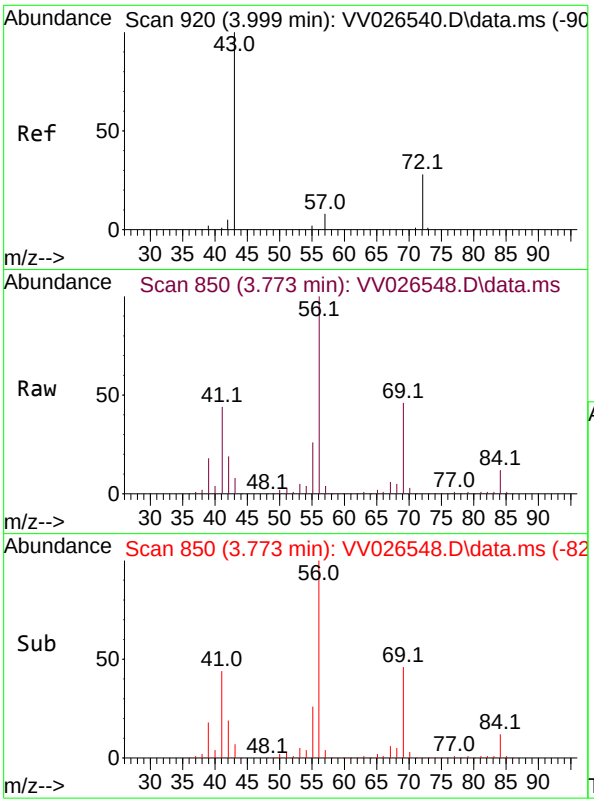


#8
Chloroethane
Concen: 4.458 ug/L
RT: 1.597 min Scan# 173
Delta R.T. 0.000 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 64 Resp: 71078

Ion	Ratio	Lower	Upper
64	100		
66	26.4	20.0	37.2



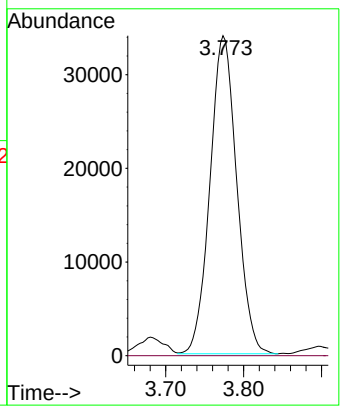


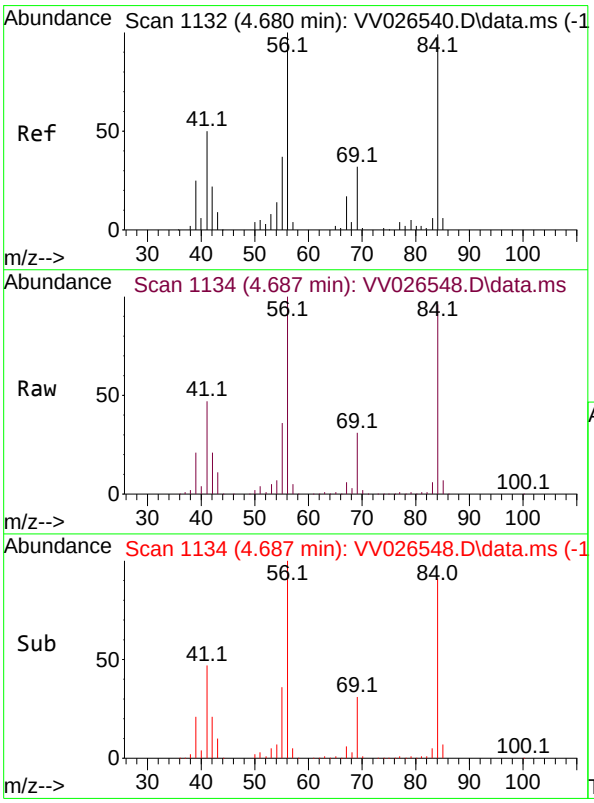
#21
2-Butanone
Concen: 40.191 ug/L
RT: 3.773 min Scan# 8
Delta R.T. -0.225 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 43 Resp: 81083

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.5	40.5#

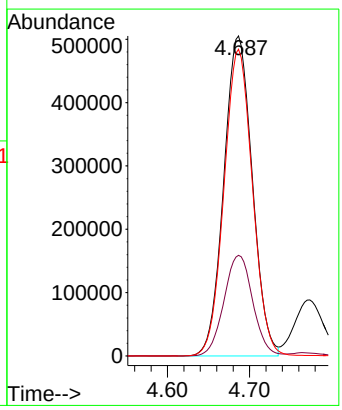


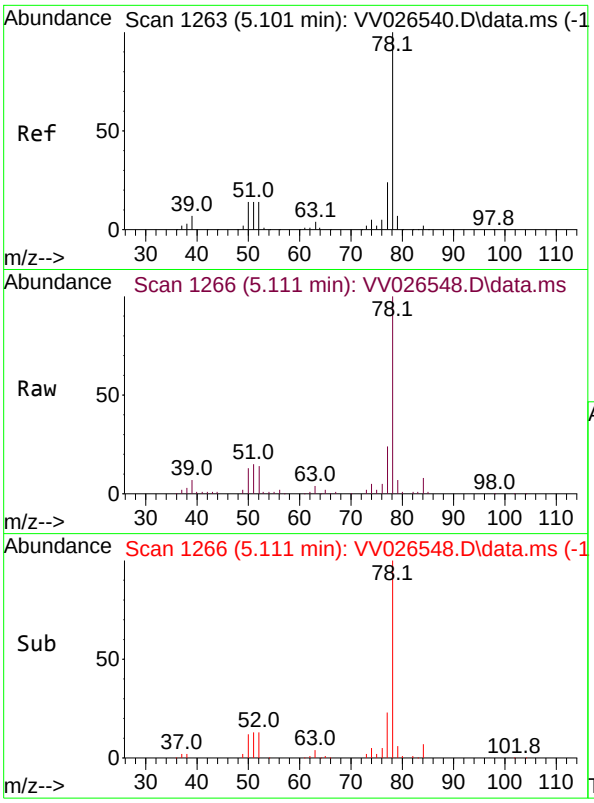


#30
Cyclohexane
Concen: 53.239 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 56 Resp: 1220478

Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.2
84	95.9	77.8	116.6

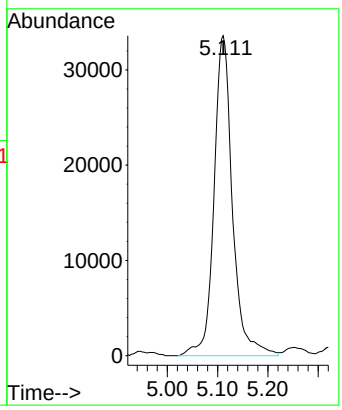


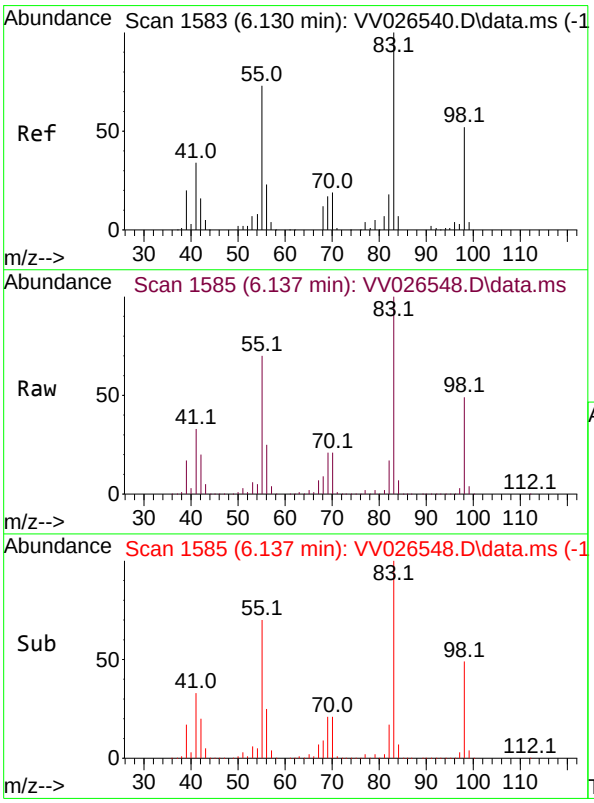


#33
Benzene
Concen: 1.245 ug/L
RT: 5.111 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 78 Resp: 85535

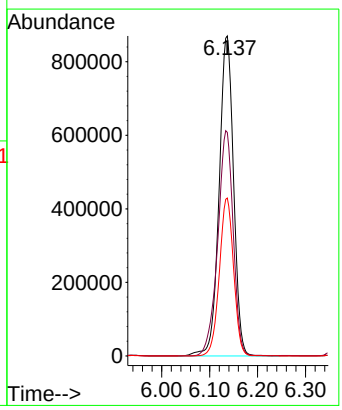


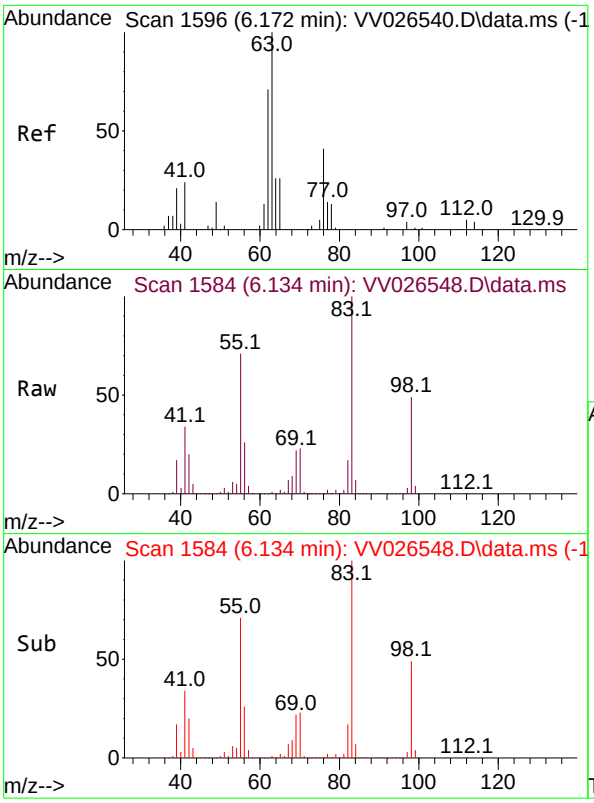


#35
Methylcyclohexane
Concen: 68.189 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 83 Resp: 1822004

Ion	Ratio	Lower	Upper
83	100		
55	75.2	57.0	85.4
98	48.6	39.8	59.8



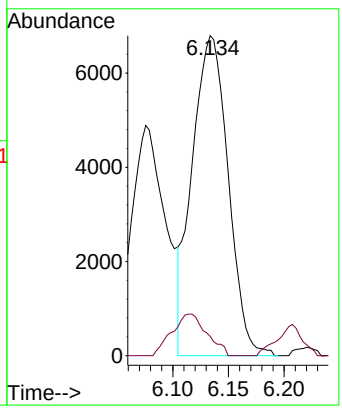


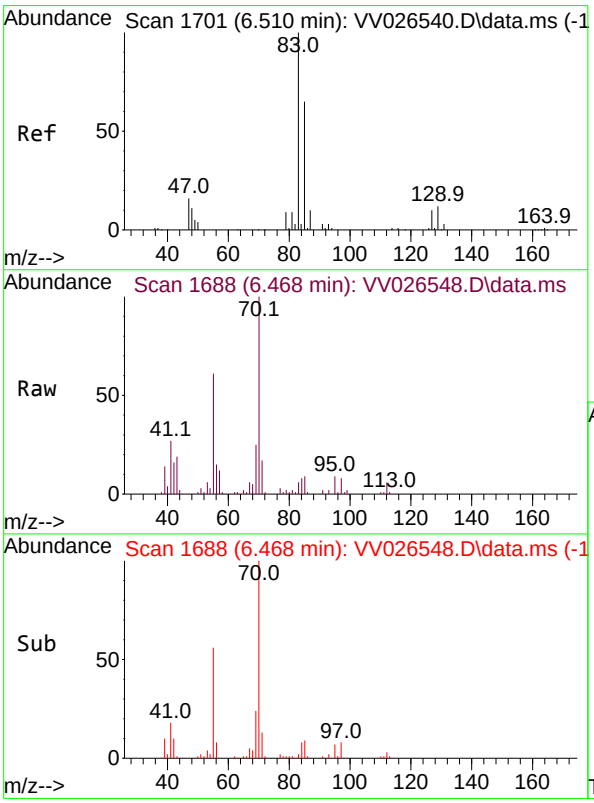
#37
1,2-Dichloropropane
Concen: 0.924 ug/L
RT: 6.134 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 63 Resp: 15306

Ion	Ratio	Lower	Upper
63	100		
112	12.5	4.2	6.4#

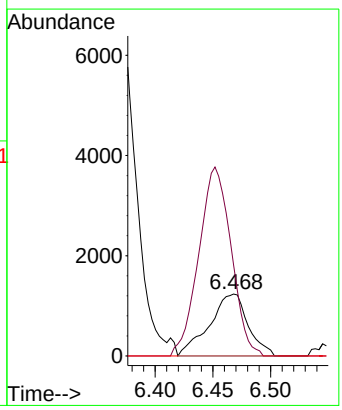


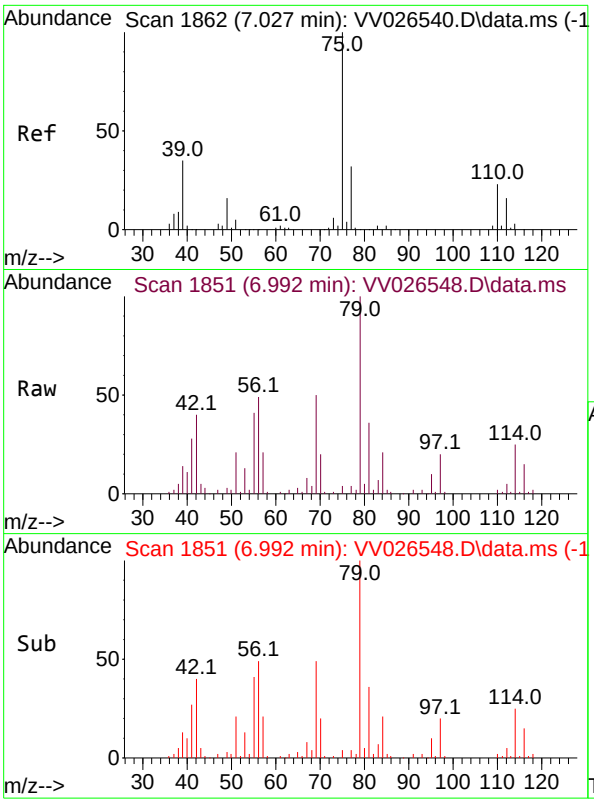


#38
Bromodichloromethane
Concen: 0.147 ug/L
RT: 6.468 min Scan# 1688
Delta R.T. -0.042 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 83 Resp: 2881

Ion	Ratio	Lower	Upper
83	100		
85	147.1	44.0	81.8#
127	0.0	6.6	10.0#



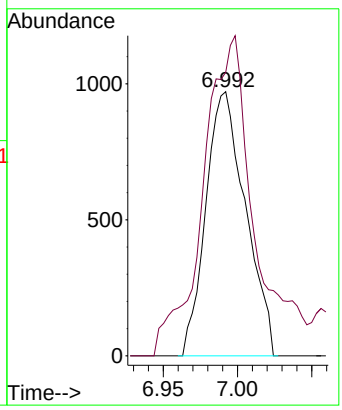


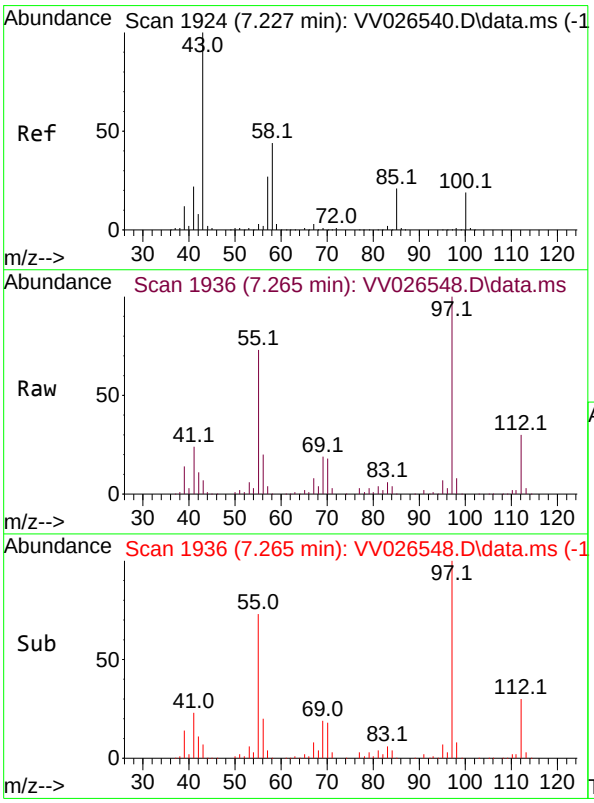
#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 75 Resp: 1806

Ion	Ratio	Lower	Upper
75	100		
77	107.3	22.8	42.4#

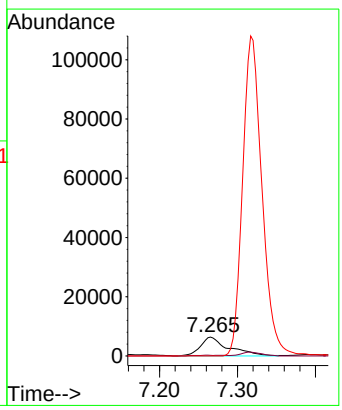


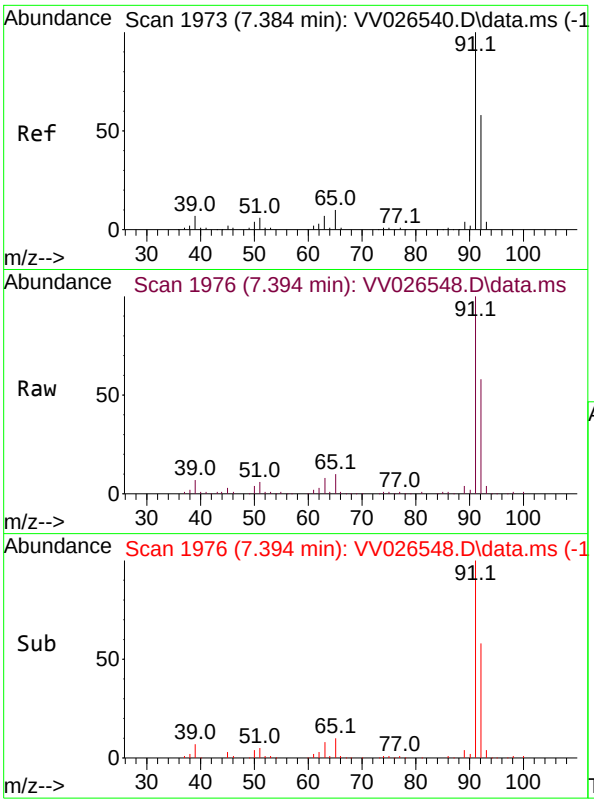


#40
4-Methyl-2-pentanone
Concen: 2.891 ug/L
RT: 7.265 min Scan# 1936
Delta R.T. 0.039 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 43 Resp: 16171

Ion	Ratio	Lower	Upper
43	100		
58	1.7	33.3	49.9#
100	0.0	14.3	21.5#



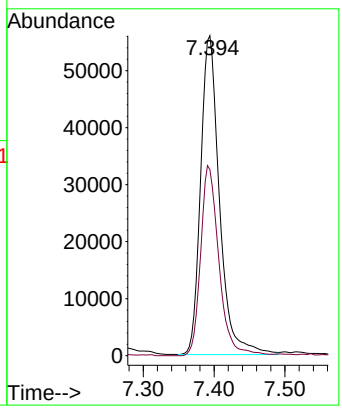


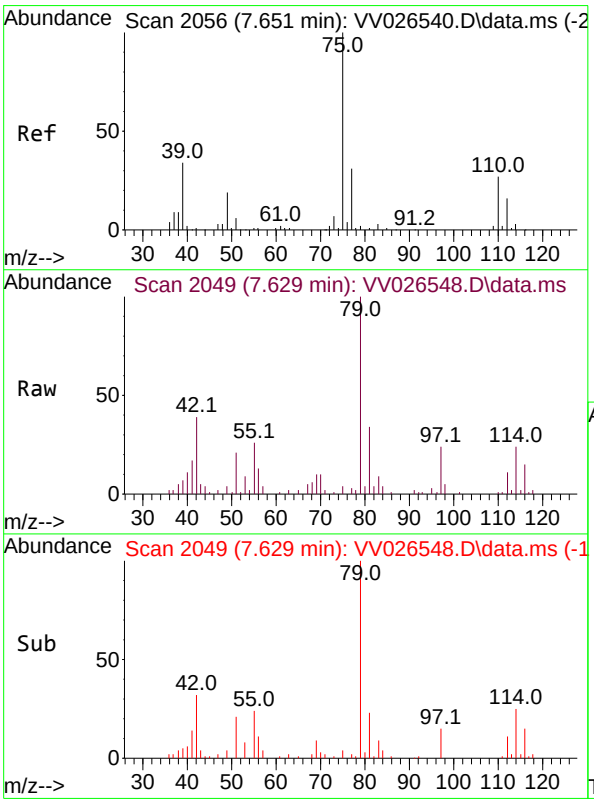
#42
Toluene
Concen: 1.457 ug/L
RT: 7.394 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 91 Resp: 103352

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.3	74.9

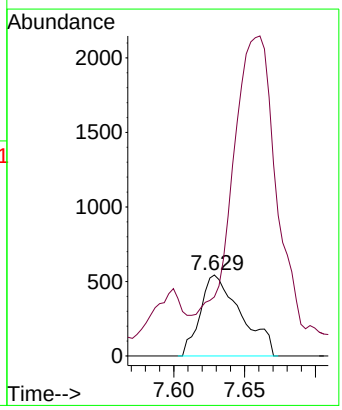


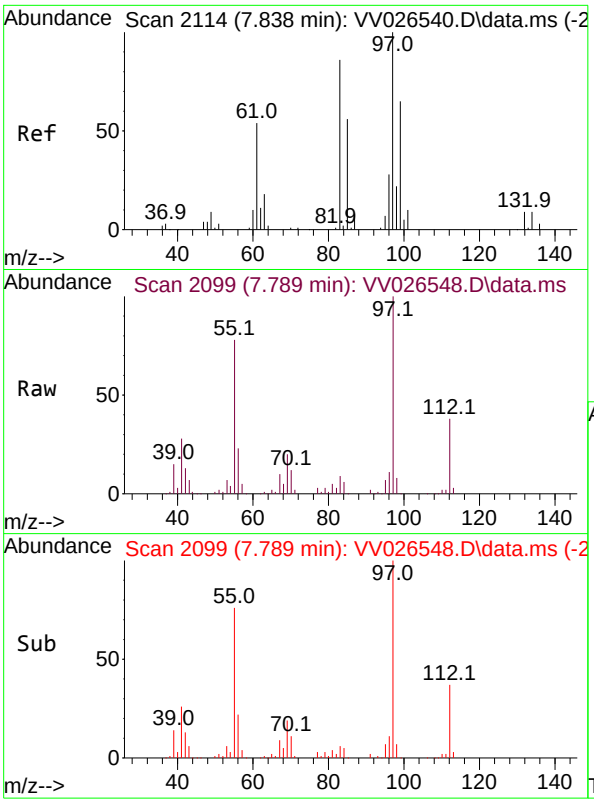


#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 75 Resp: 1084

Ion	Ratio	Lower	Upper
75	100		
77	72.8	23.1	42.9#



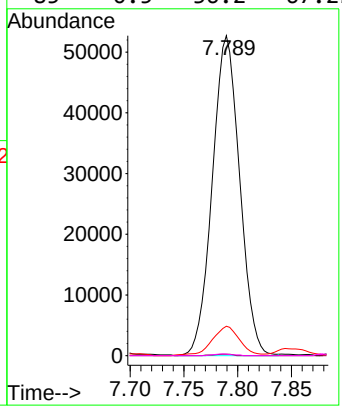


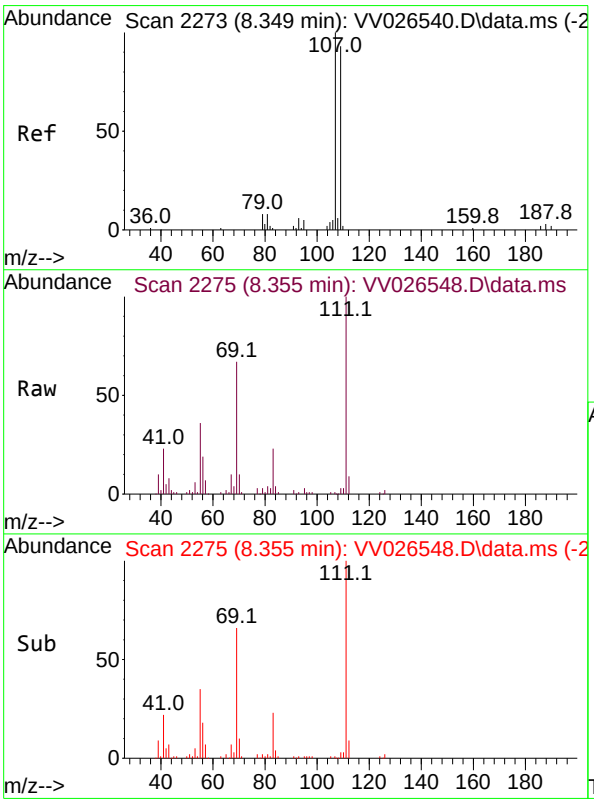
#45
1,1,2-Trichloroethane
Concen: 8.939 ug/L
RT: 7.789 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 97 Resp: 93343

Ion	Ratio	Lower	Upper
97	100		
99	0.5	43.4	80.6#
83	9.2	58.0	107.8#
85	0.5	36.2	67.2#

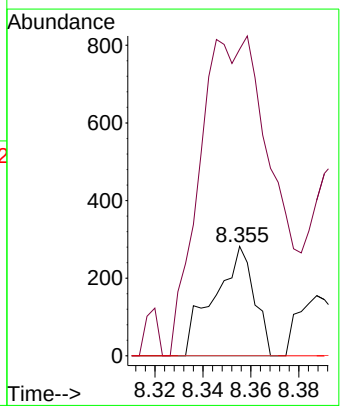


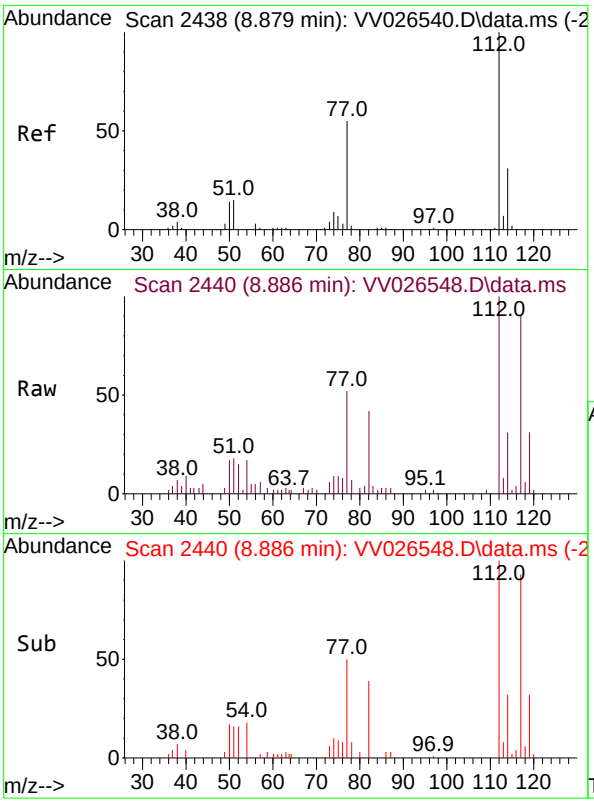


#50
1,2-Dibromoethane
Concen: 0.035 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion:107 Resp: 328

Ion	Ratio	Lower	Upper
107	100		
109	280.1	67.8	125.8#
188	0.0	3.2	4.8#



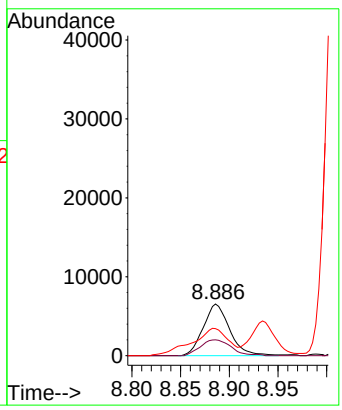


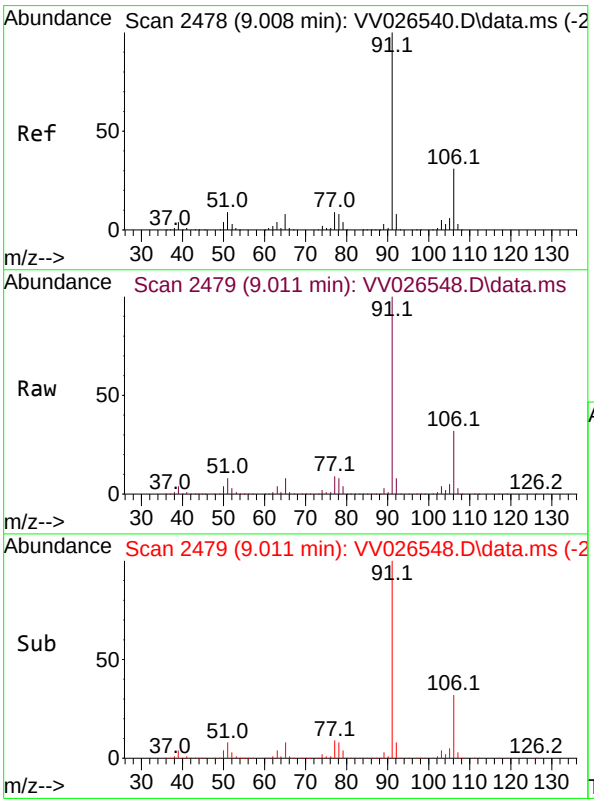
#51
Chlorobenzene
Concen: 0.265 ug/L
RT: 8.886 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion:112 Resp: 12334

Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.3	41.5
77	52.3	44.4	66.6

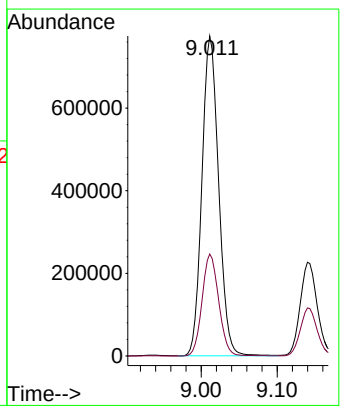


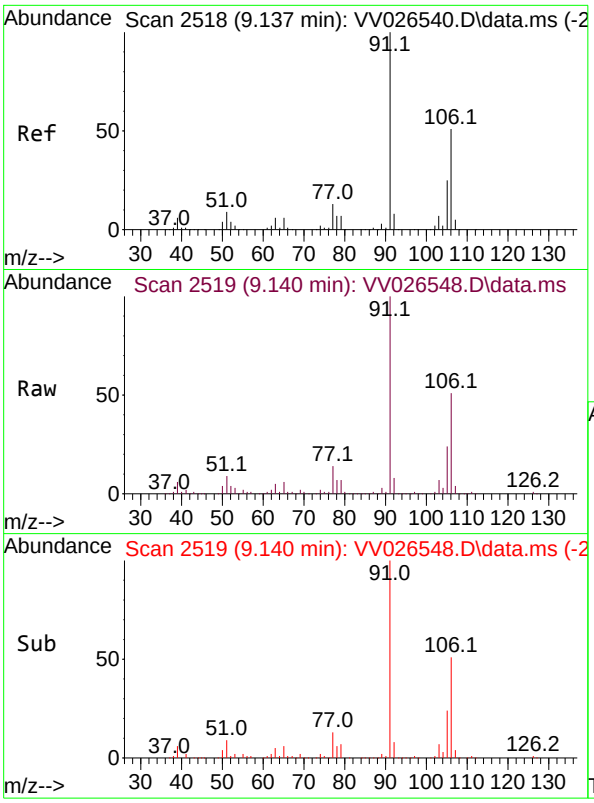


#52
Ethylbenzene
Concen: 16.119 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 91 Resp: 1182356

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.1	41.1



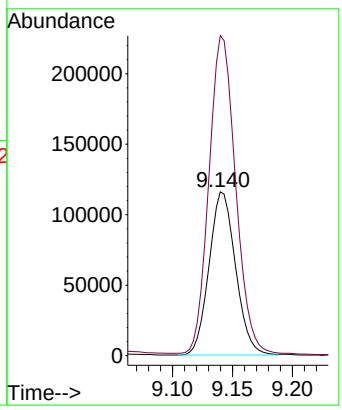


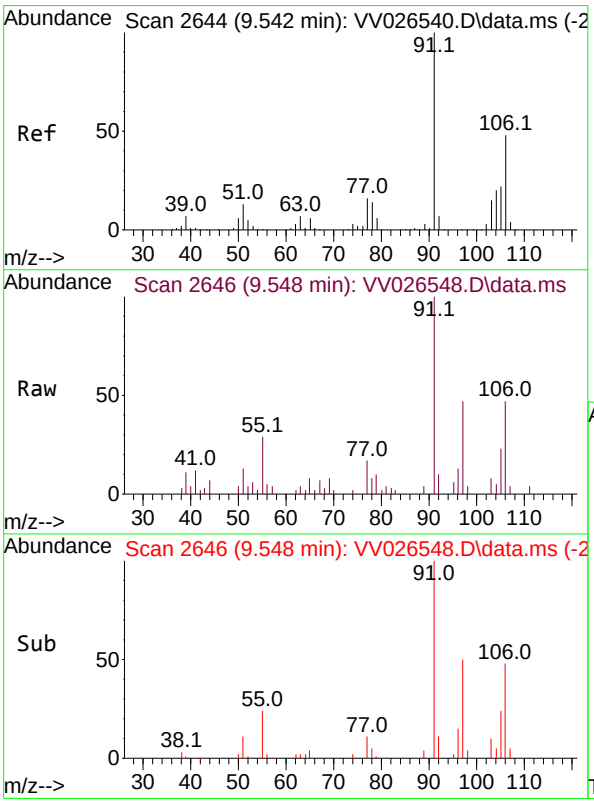
#53
m,p-Xylene
Concen: 6.225 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion:106 Resp: 178130

Ion	Ratio	Lower	Upper
106	100		
91	195.3	139.9	259.9

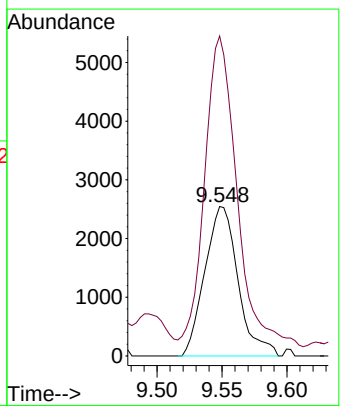


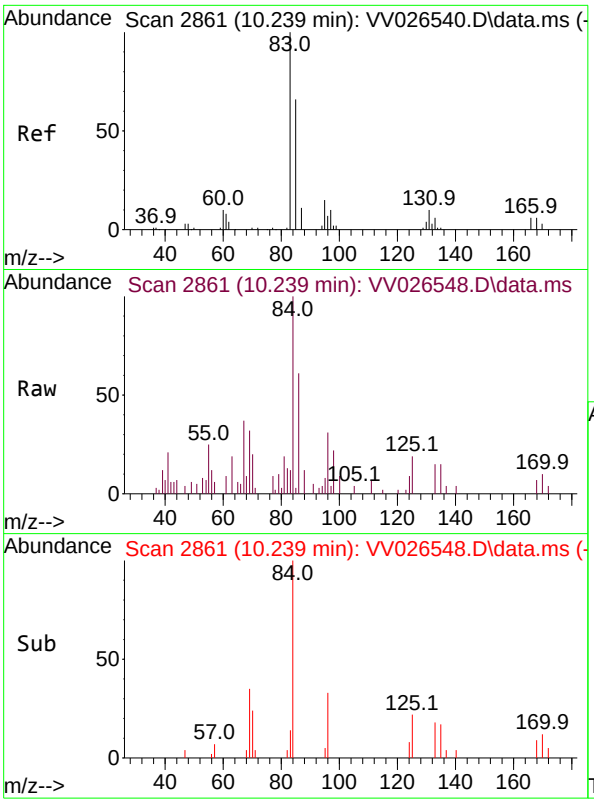


#54
o-Xylene
Concen: 0.168 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion:106 Resp: 4524

Ion	Ratio	Lower	Upper
106	100		
91	214.1	147.5	273.9



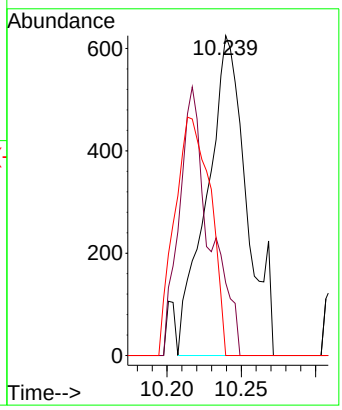


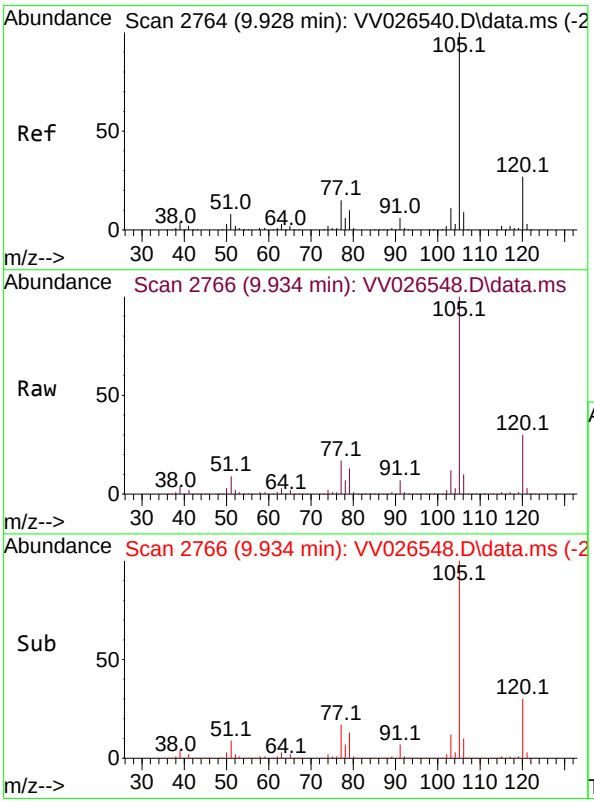
#57
1,1,2,2-Tetrachloroethane
Concen: 0.099 ug/L
RT: 10.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 83 Resp: 1152

Ion	Ratio	Lower	Upper
83	100		
85	22.7	44.3	82.3#
131	0.0	8.0	12.0#

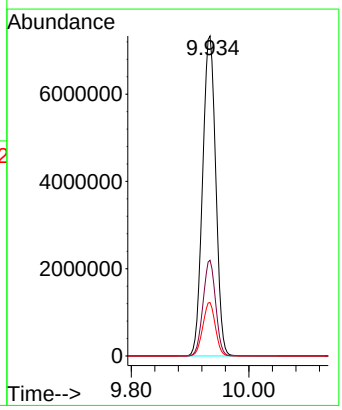


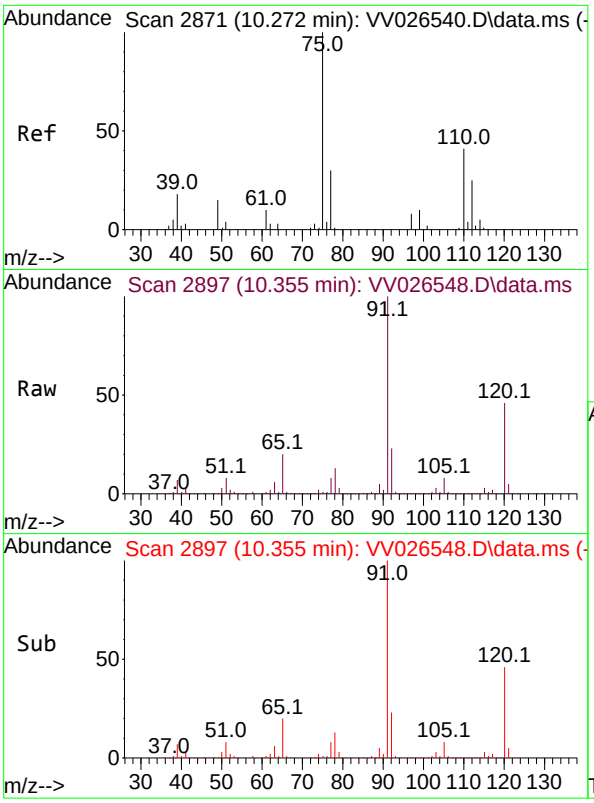


#60
Isopropylbenzene
Concen: 155.184 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp:11349894

Ion	Ratio	Lower	Upper
105	100		
120	28.7	21.4	32.2
77	16.0	11.6	17.4



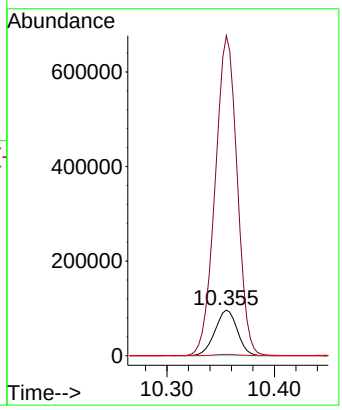


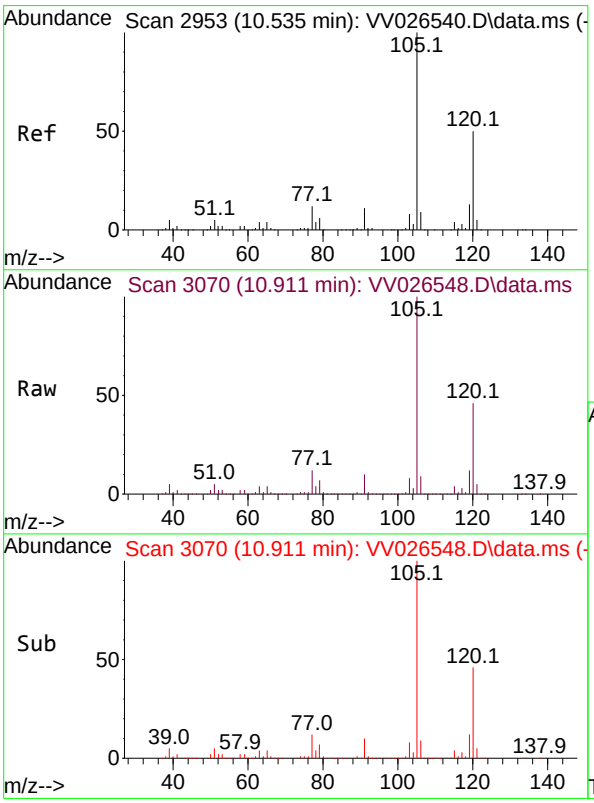
#61
1,2,3-Trichloropropane
Concen: 18.067 ug/L
RT: 10.355 min Scan# 2
Delta R.T. 0.084 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 75 Resp: 138736

Ion	Ratio	Lower	Upper
75	100		
77	693.5	25.8	38.6#
110	3.2	32.5	48.7#

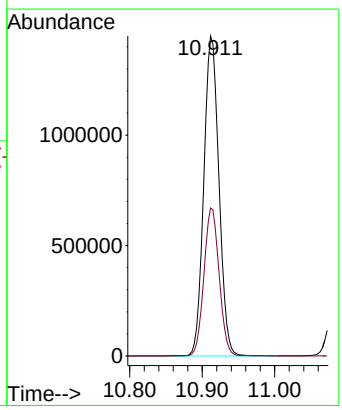


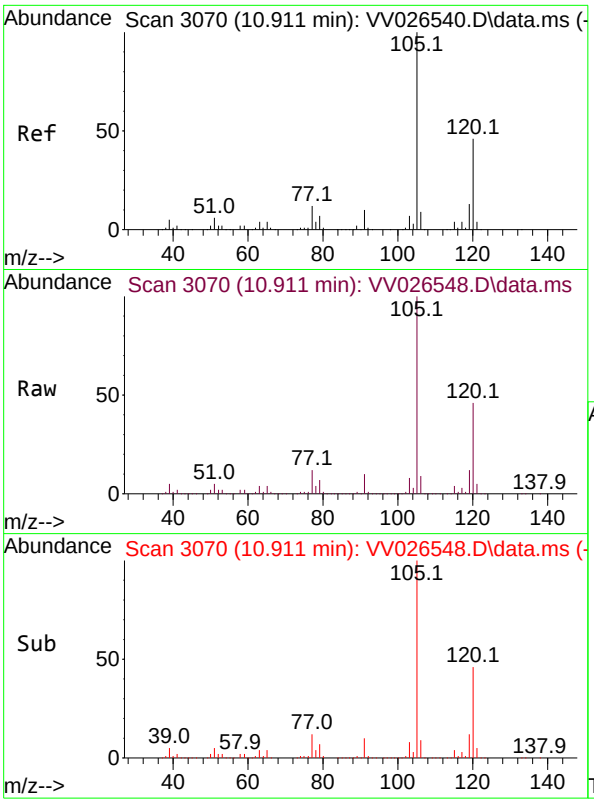


#62
1,3,5-Trimethylbenzene
Concen: 36.316 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.376 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 2099588

Ion	Ratio	Lower	Upper
105	100		
120	46.3	39.6	59.4



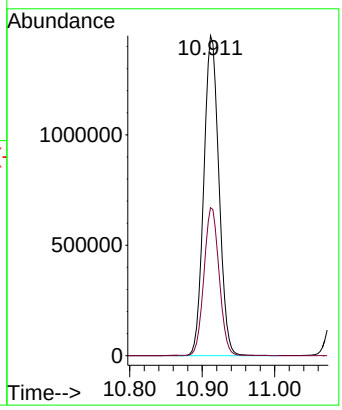


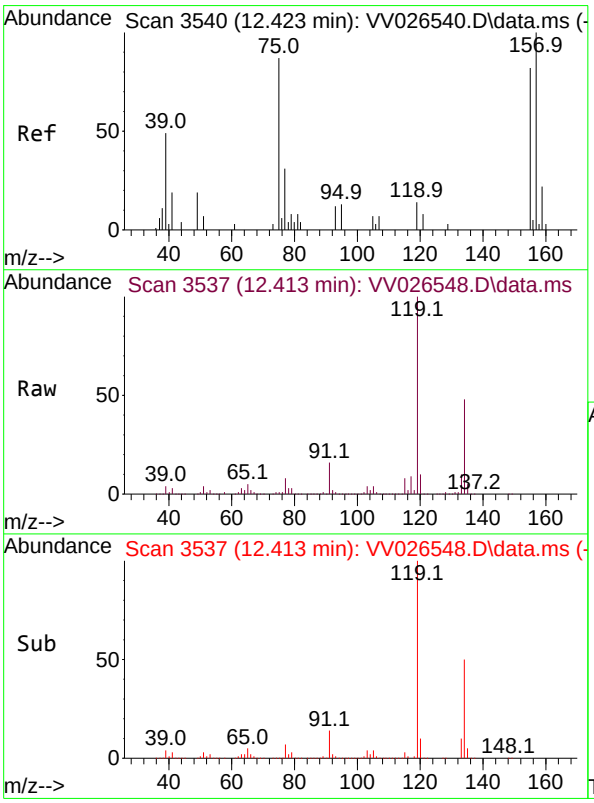
#63
1,2,4-Trimethylbenzene
Concen: 36.830 ug/L
RT: 10.911 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion:105 Resp: 2099588

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.4	56.2

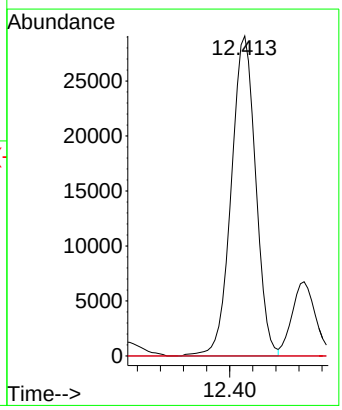


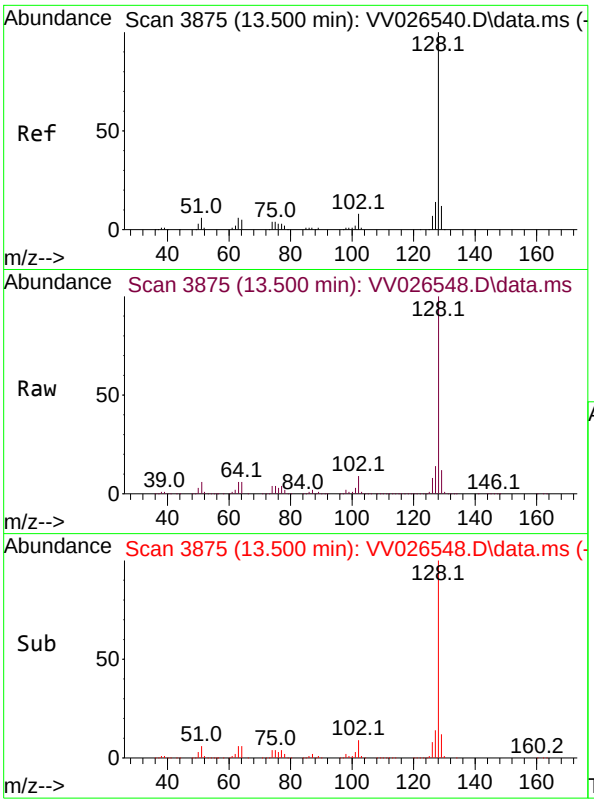


#68
1,2-Dibromo-3-chloropropane
Concen: 31.052 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.010 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 75 Resp: 42767

Ion	Ratio	Lower	Upper
75	100		
155	0.0	74.7	112.1#
157	0.0	96.9	145.3#





#71
Naphthalene
Concen: 343.945 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV026548.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion:128 Resp: 8104959

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.3	10.2	15.4