Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
Data File : VV026186.D
Acq On : 13 Jun 2022 01:29
Operator : SY/MD
Sample : N3278-10 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 13 06:39:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	181137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	40051	1.587	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	31.800%#		
7) Chloroethane-d5	1.584	69	50155	2.523	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	50.400%#		
11) 1,1-Dichloroethene-d2	2.124	63	67272	1.658	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	33.200%#		
20) 2-Butanone-d5	3.915	46	76880	40.835	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	81.680%		
24) Chloroform-d	4.362	84	110627	3.091	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	61.800%#		
26) 1,2-Dichloroethane-d4	5.043	65	47041	3.260	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	65.200%#		
32) Benzene-d6	5.063	84	197554	2.798	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	56.000%#		
36) 1,2-Dichloropropane-d6	6.079	67	64624	3.173	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	63.400%		
41) Toluene-d8	7.320	98	148122	2.356	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	47.200%#		
43) trans-1,3-Dichloroprop...	7.632	79	14380	2.340	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	46.800%#		
46) 2-Hexanone-d5	8.091	63	88175	46.074	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.140%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41217	3.397	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	68.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	56788	3.194	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	63.800%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.326	62	1285	0.064	ug/L #	53
6) Bromomethane	1.542	94	480	0.041	ug/L	85
9) Trichlorofluoromethane	1.770	101	502959	18.521	ug/L	98
12) 1,1-Dichloroethene	2.137	96	2026	0.137	ug/L #	1
16) Methylene chloride	2.526	84	13774	0.906	ug/L	97
18) trans-1,2-Dichloroethene	2.780	96	3451	0.244	ug/L	91
22) cis-1,2-Dichloroethene	3.931	96	30292	2.128	ug/L	95
25) Chloroform	4.394	83	8291	0.292	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	516	0.022	ug/L #	53
31) Carbon tetrachloride	4.841	117	4081	0.213	ug/L	91
35) Methylcyclohexane	6.079	83	16709	0.835	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7167	0.505	ug/L #	87
42) Toluene	7.394	91	138055	2.380	ug/L	99
45) 1,1,2-Trichloroethane	7.853	97	2138	0.239	ug/L	91
47) Tetrachloroethene	7.976	164	656944	61.830	ug/L	98
49) Dibromochloromethane	7.976	129	612876	62.857	ug/L #	13
51) Chlorobenzene	8.882	112	4175	0.112	ug/L	89
52) Ethylbenzene	9.017	91	10971	0.191	ug/L	96
53) m,p-Xylene	9.140	106	17480	0.793	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
Data File : VV026186.D
Acq On : 13 Jun 2022 01:29
Operator : SY/MD
Sample : N3278-10 200X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 13 06:39:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) o-Xylene	9.548	106	9597	0.451	ug/L		91
60) Isopropylbenzene	9.934	105	4338	0.084	ug/L		94
61) 1,2,3-Trichloropropane	10.914	75	407	0.067	ug/L	#	1
62) 1,3,5-Trimethylbenzene	10.538	105	10012	0.245	ug/L		98
63) 1,2,4-Trimethylbenzene	10.914	105	33749	0.838	ug/L		98
71) Naphthalene	13.509	128	1587	0.091	ug/L	#	70

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
Data File : VV026186.D
Acq On : 13 Jun 2022 01:29
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Sample : N3278-10 200X
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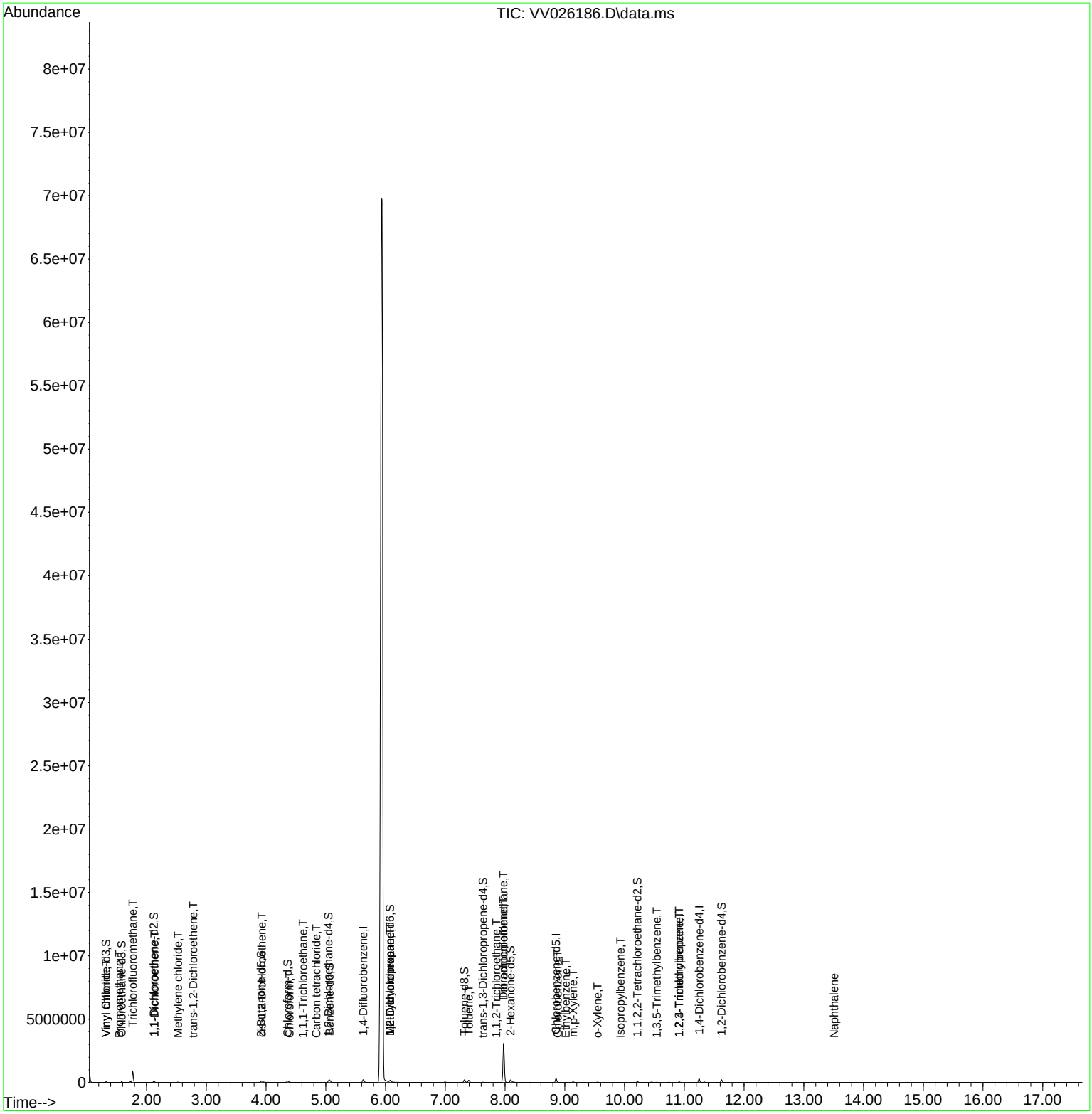
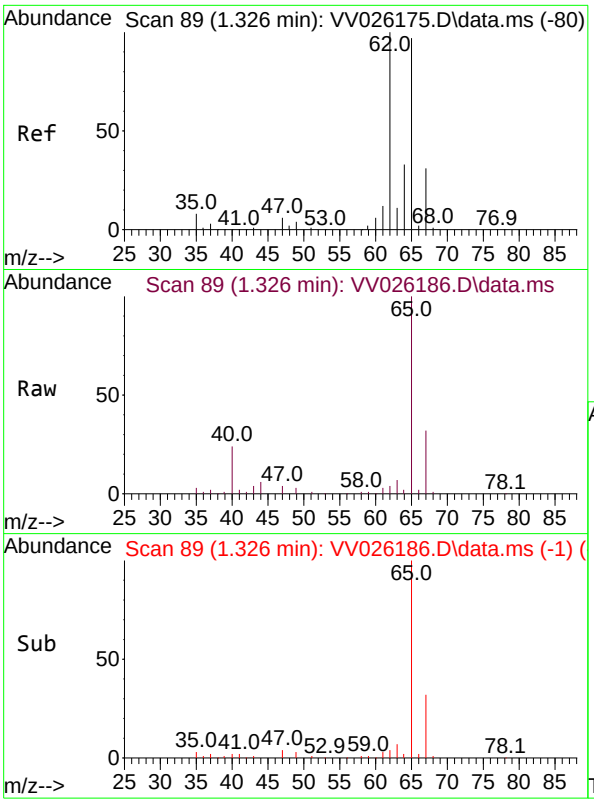
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 02:52:24 2022
Response via : Initial Calibration



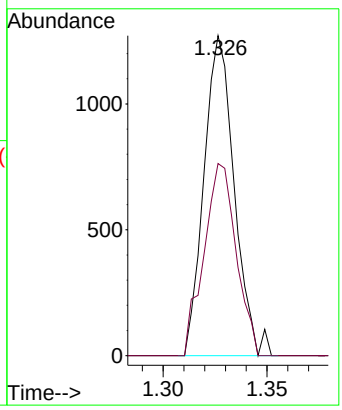


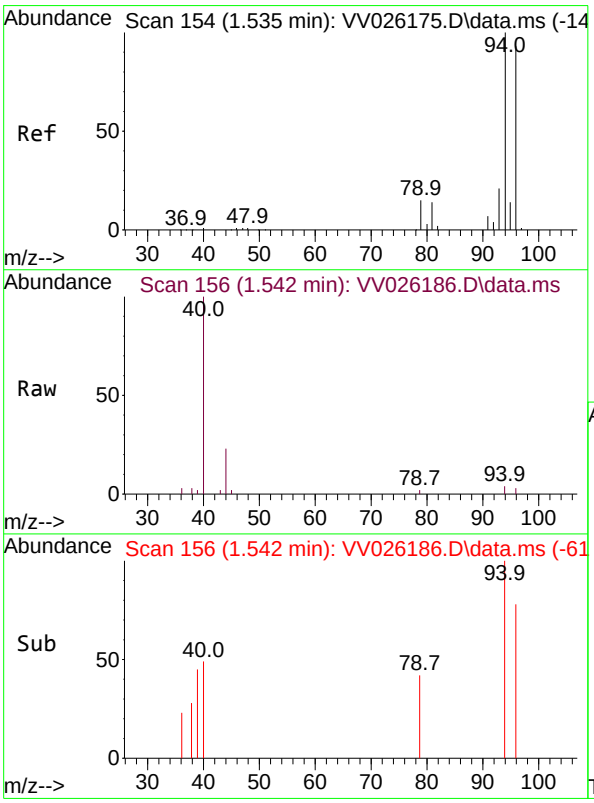
#5
Vinyl chloride
Concen: 0.064 ug/L
RT: 1.326 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1285

Ion	Ratio	Lower	Upper
62	100		
64	60.0	23.2	43.2#

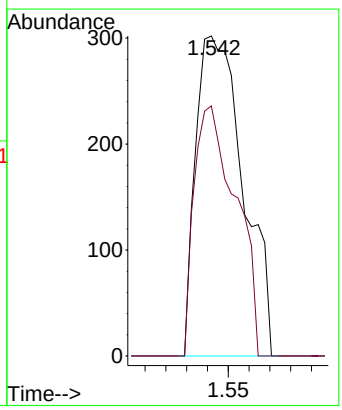


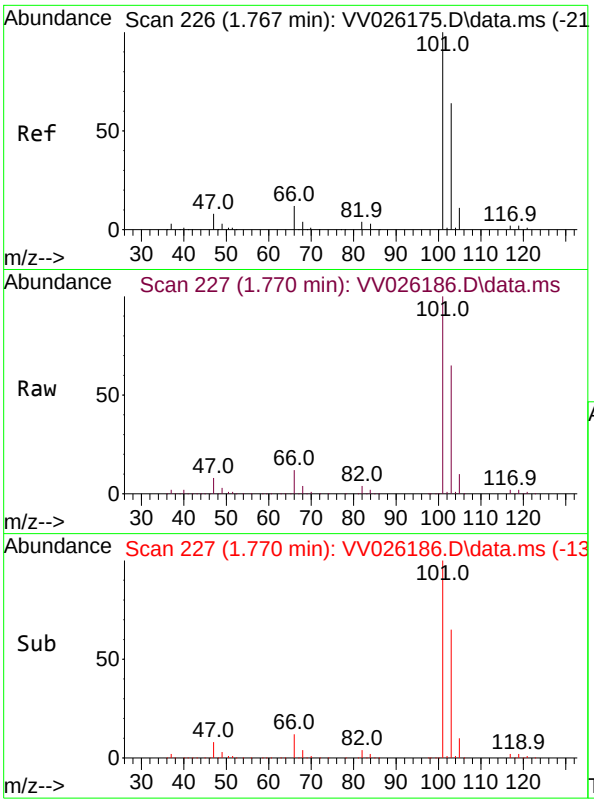


#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
96	78.1	64.5	119.7



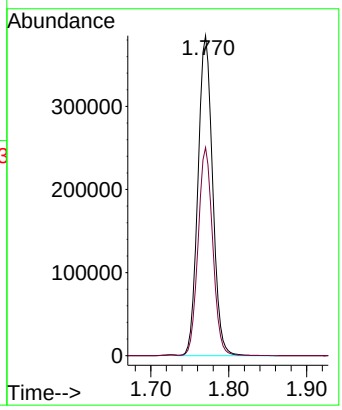


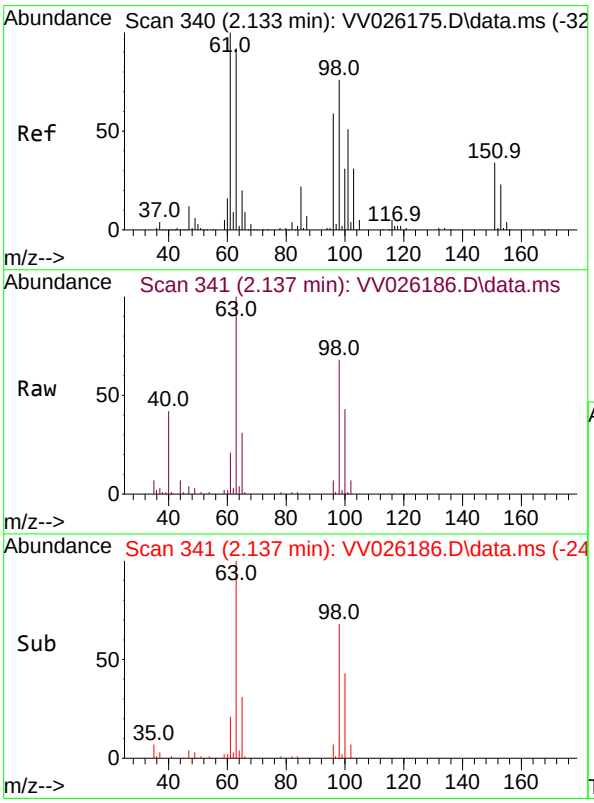
#9
Trichlorofluoromethane
Concen: 18.521 ug/L
RT: 1.770 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 502959

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.9	79.3

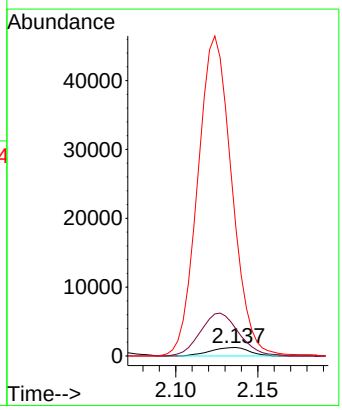


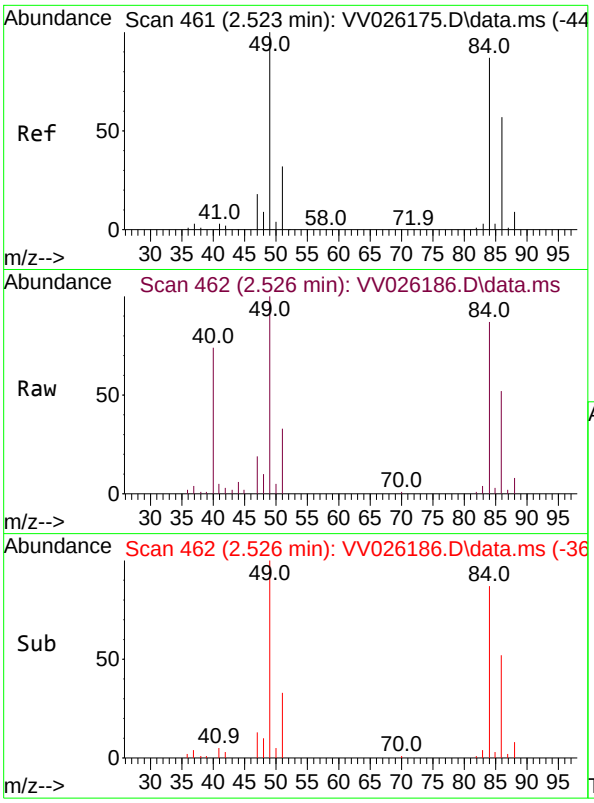


#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 96 Resp: 2026

Ion	Ratio	Lower	Upper
96	100		
61	320.6	120.5	223.7#
63	1510.7	129.3	240.1#



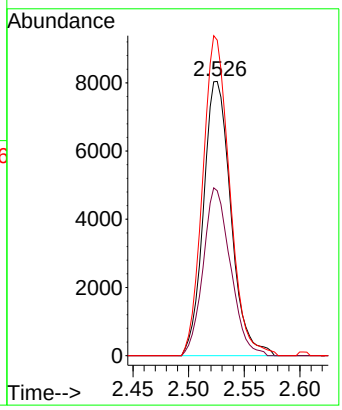


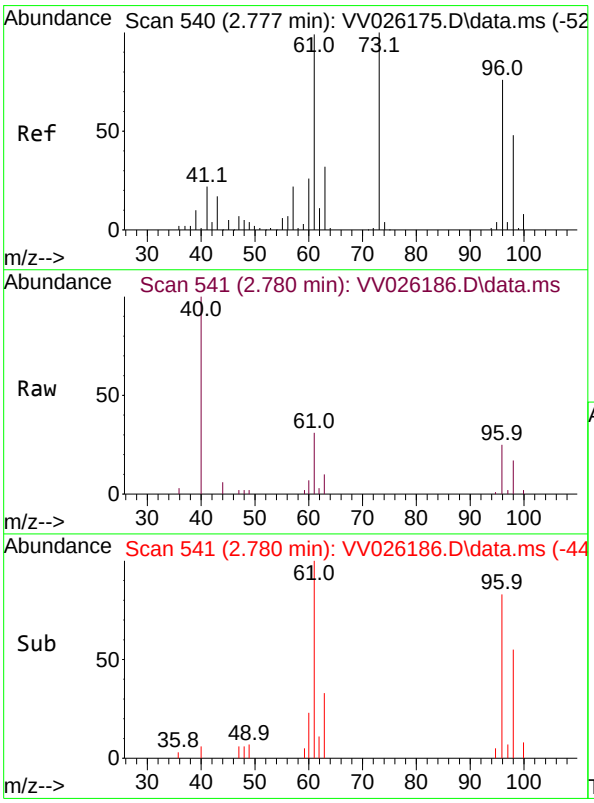
#16
Methylene chloride
Concen: 0.906 ug/L
RT: 2.526 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 13774

Ion	Ratio	Lower	Upper
84	100		
86	60.2	45.1	83.7
49	115.0	82.3	152.9

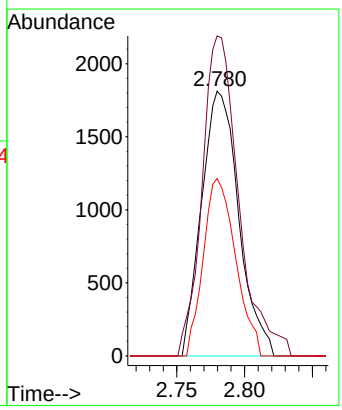


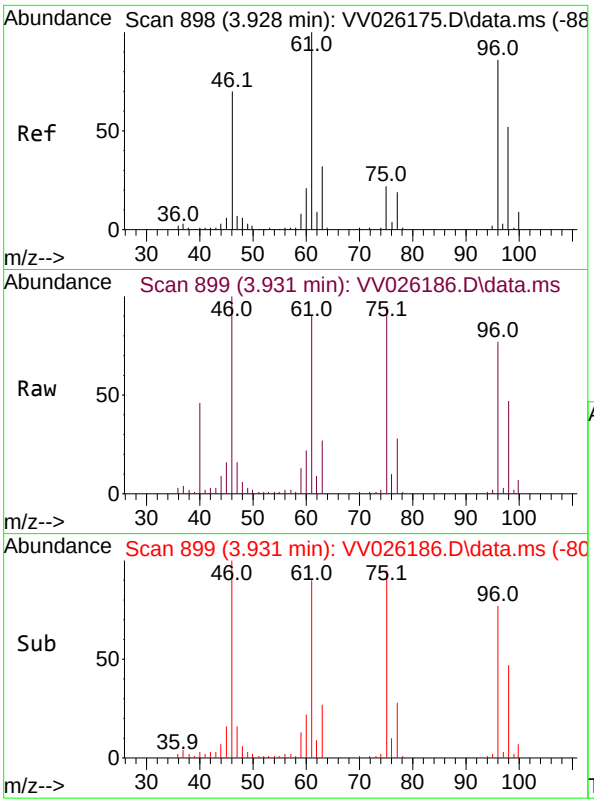


#18
trans-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 96 Resp: 3451

Ion	Ratio	Lower	Upper
96	100		
61	120.9	93.5	173.7
98	67.0	44.7	83.1



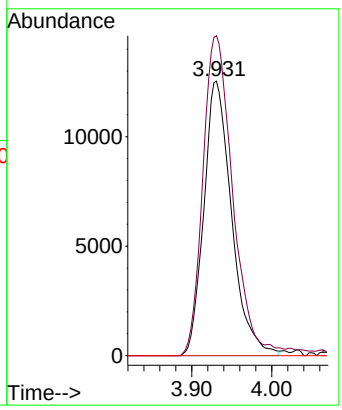


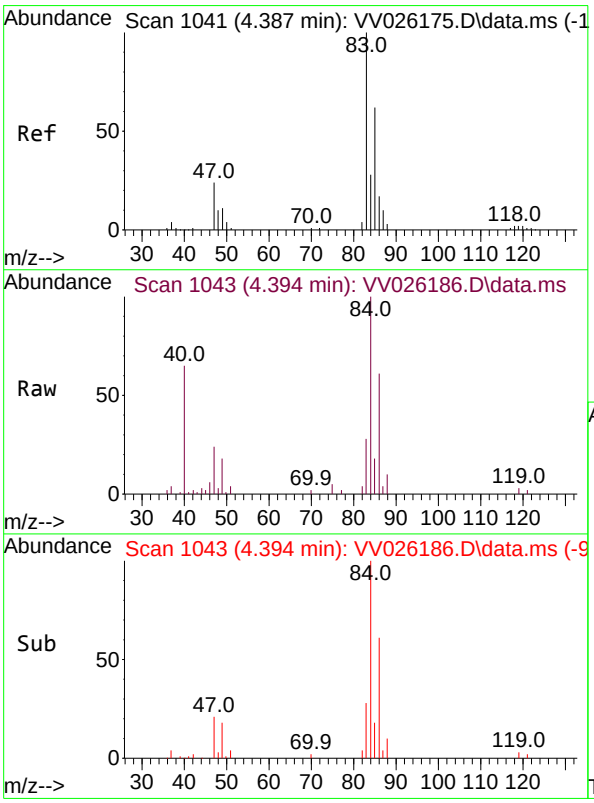
#22
cis-1,2-Dichloroethene
Concen: 2.128 ug/L
RT: 3.931 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 30292

Ion	Ratio	Lower	Upper
96	100		
61	116.5	85.2	158.2
68	0.0	0.0	0.0

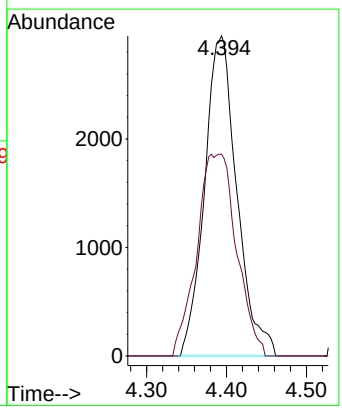


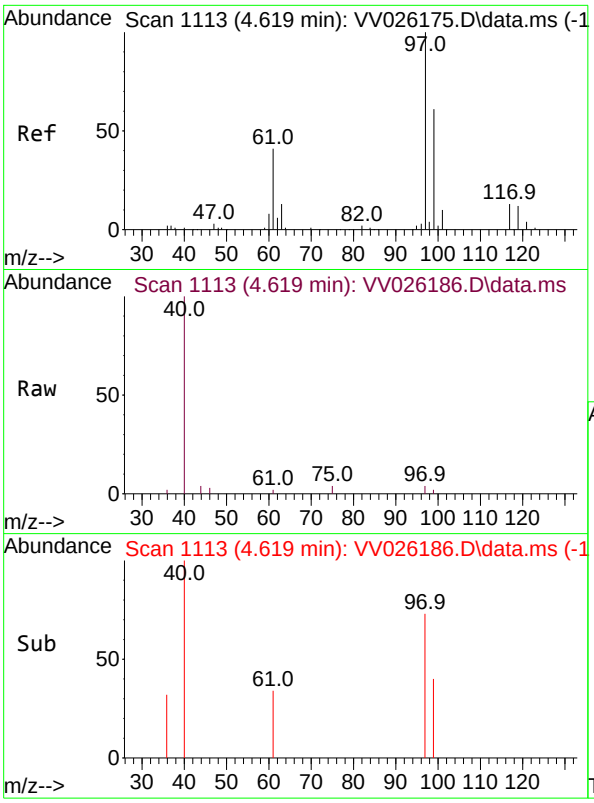


#25
Chloroform
Concen: 0.292 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 83 Resp: 8291

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.3	84.1



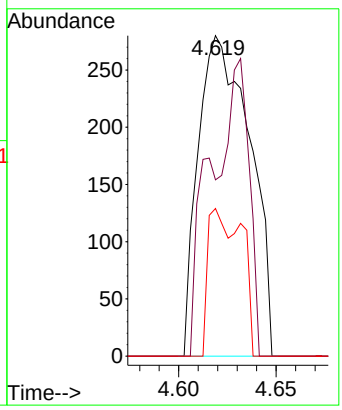


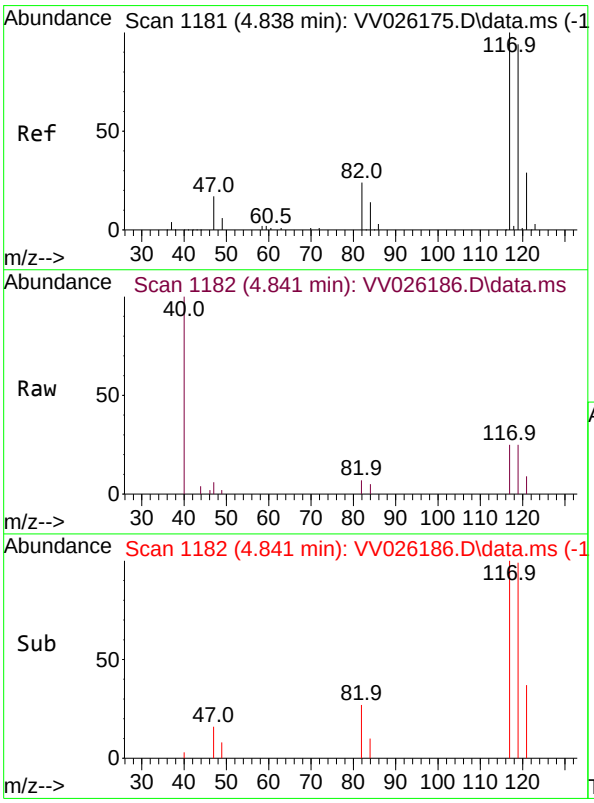
#29
1,1,1-Trichloroethane
Concen: 0.022 ug/L
RT: 4.619 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 516

Ion	Ratio	Lower	Upper
97	100		
99	23.6	51.0	76.4#
61	17.6	34.9	52.3#

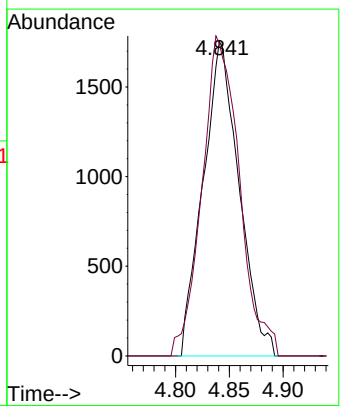


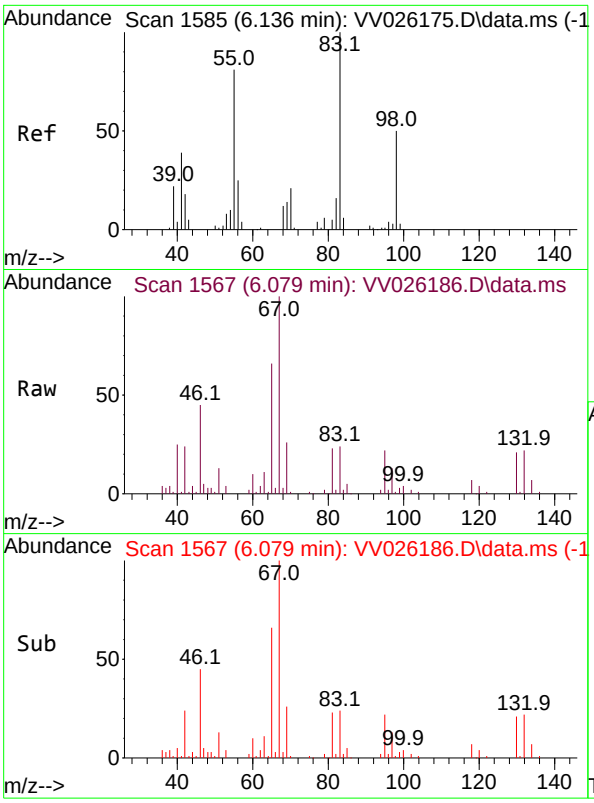


#31
Carbon tetrachloride
Concen: 0.213 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion:117 Resp: 4081

Ion	Ratio	Lower	Upper
117	100		
119	105.7	77.8	116.8



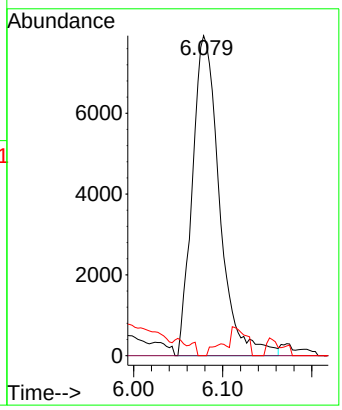


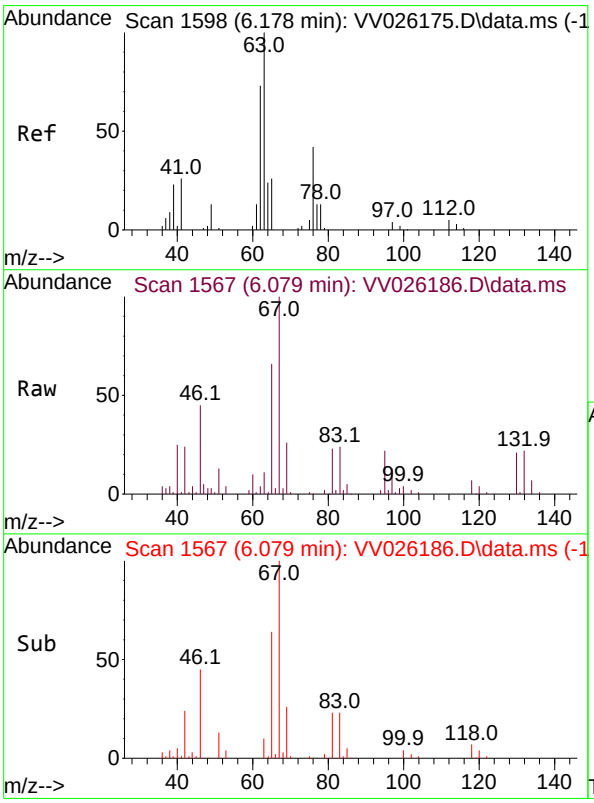
#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.079 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 16709

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	38.4	57.6#

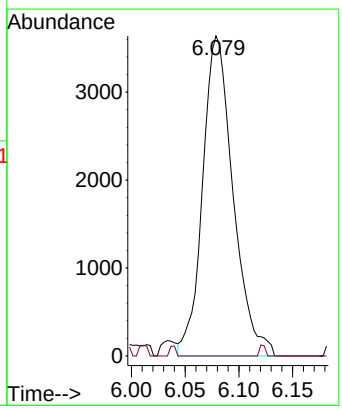


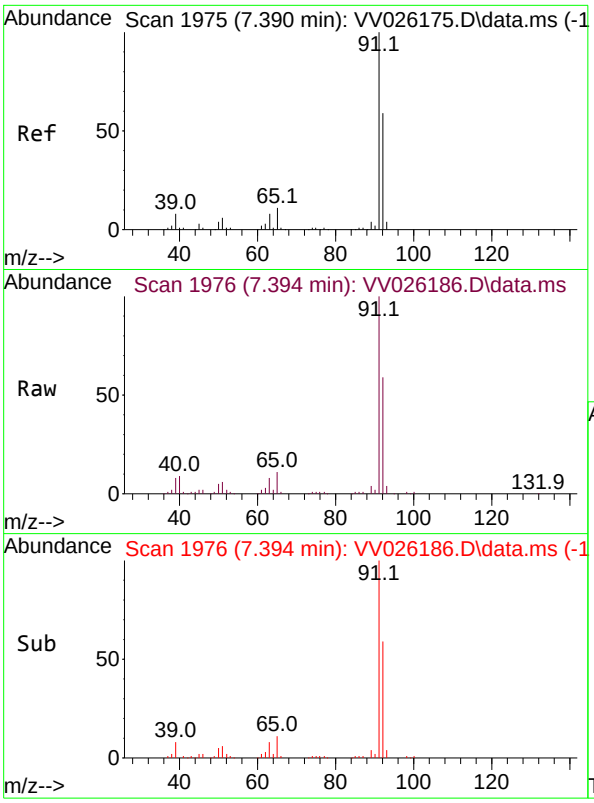


#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.100 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 63 Resp: 7167

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.9	5.9#



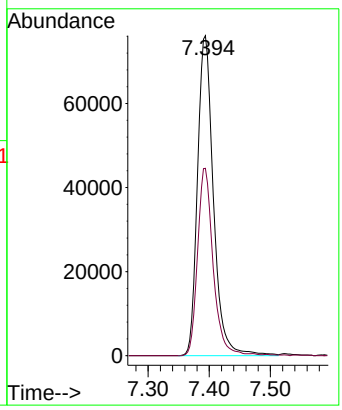


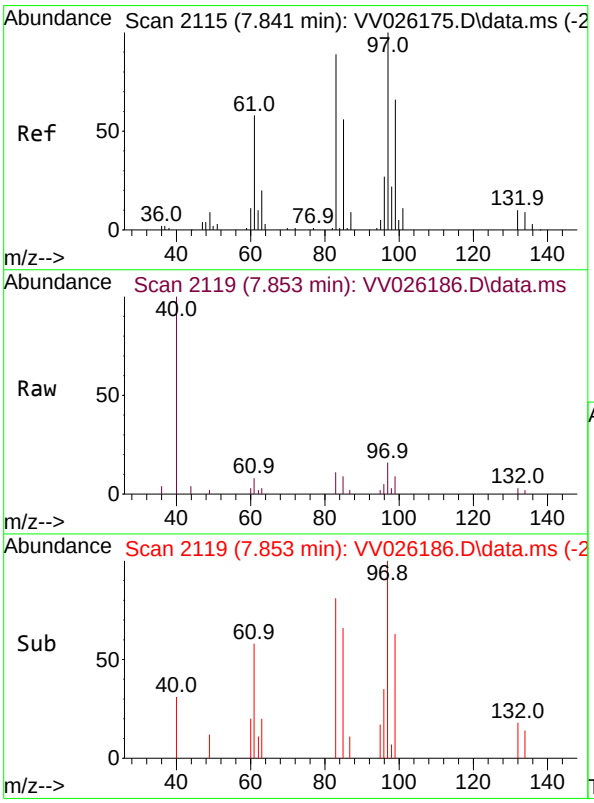
#42
Toluene
Concen: 2.380 ug/L
RT: 7.394 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 138055

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.3	74.9

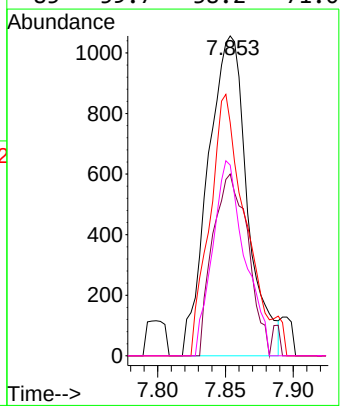


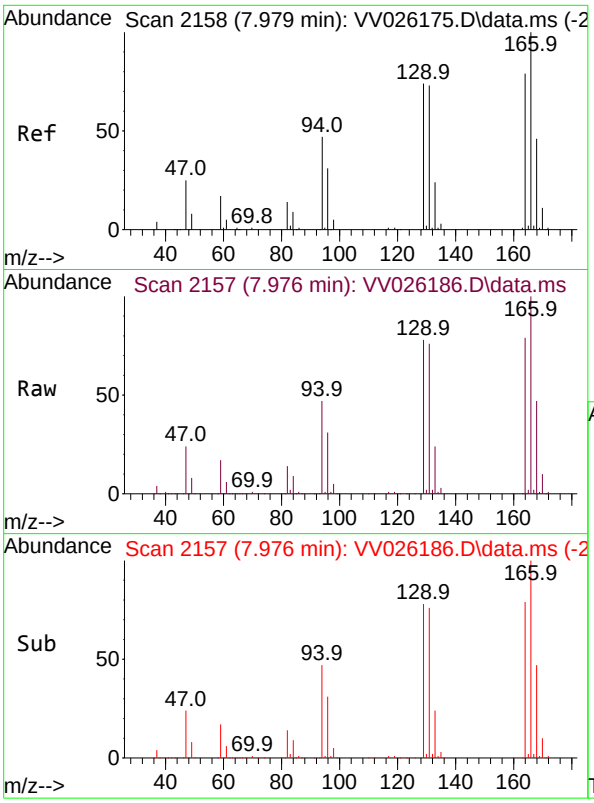


#45
1,1,2-Trichloroethane
Concen: 0.239 ug/L
RT: 7.853 min Scan# 2119
Delta R.T. 0.013 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 97 Resp: 2138

Ion	Ratio	Lower	Upper
97	100		
99	56.8	43.0	80.0
83	72.9	58.4	108.4
85	59.7	38.2	71.0



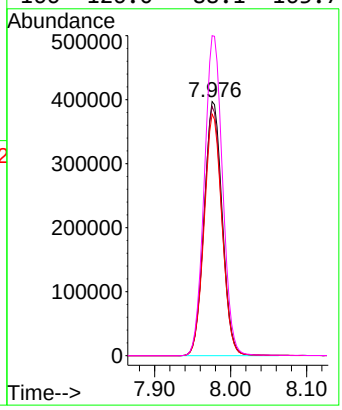


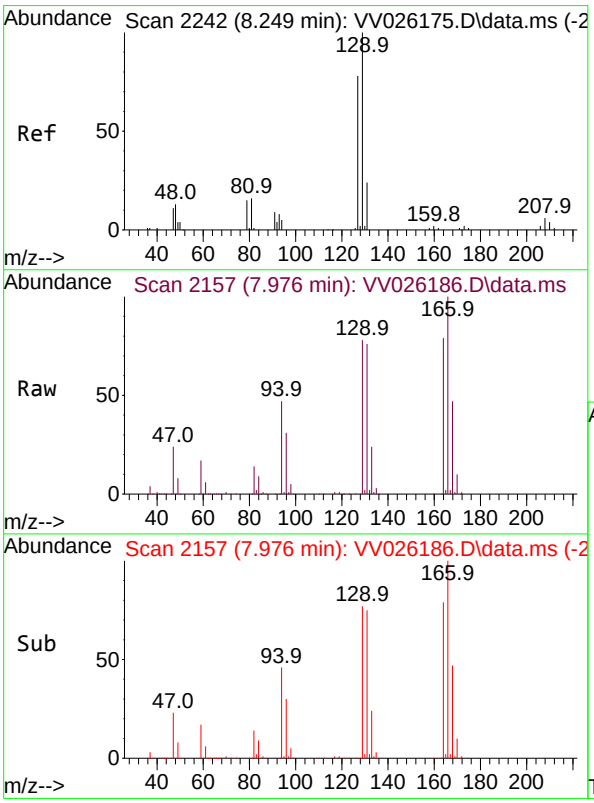
#47
Tetrachloroethene
Concen: 61.830 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 656944

Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.1	122.7
131	95.1	65.0	120.6
166	126.0	88.1	163.7

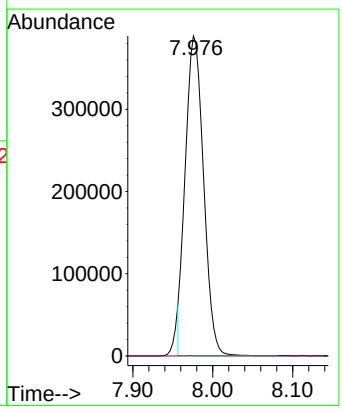


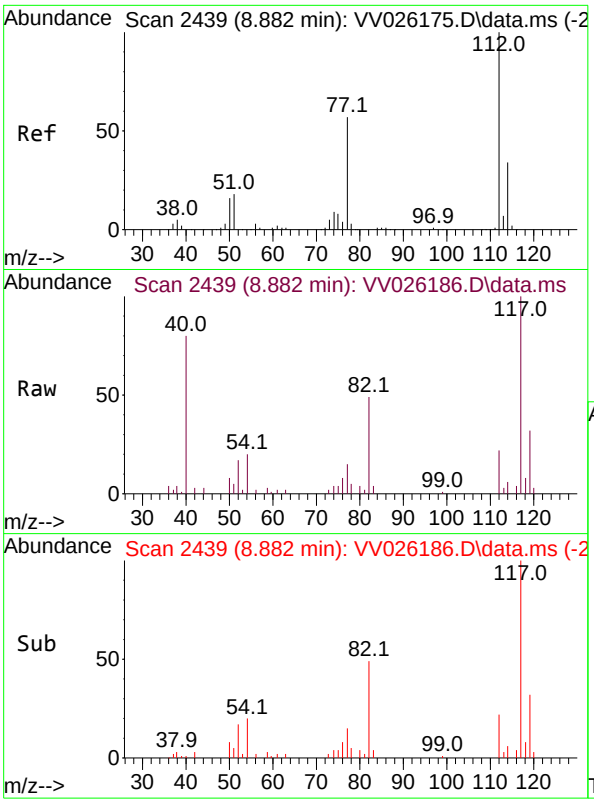


#49
Dibromochloromethane
Concen: 62.857 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion:129 Resp: 612876

Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.9	94.5#



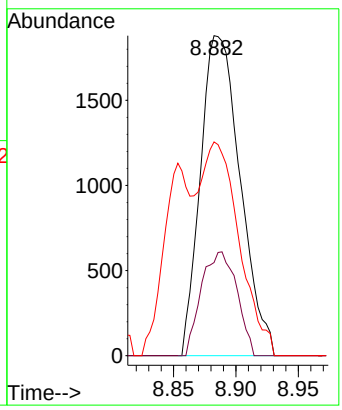


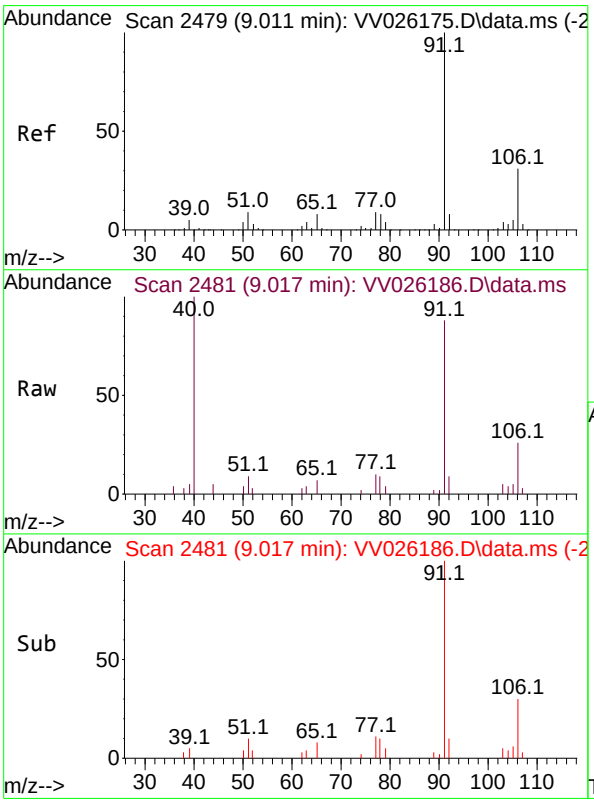
#51
Chlorobenzene
Concen: 0.112 ug/L
RT: 8.882 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 4175

Ion	Ratio	Lower	Upper
112	100		
114	29.1	21.8	40.6
77	66.8	44.6	66.8

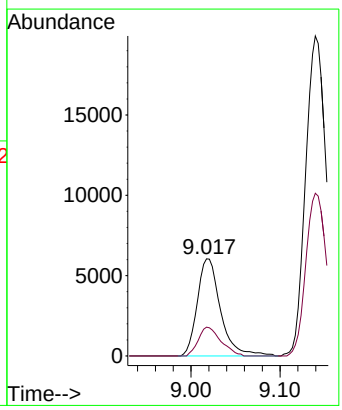


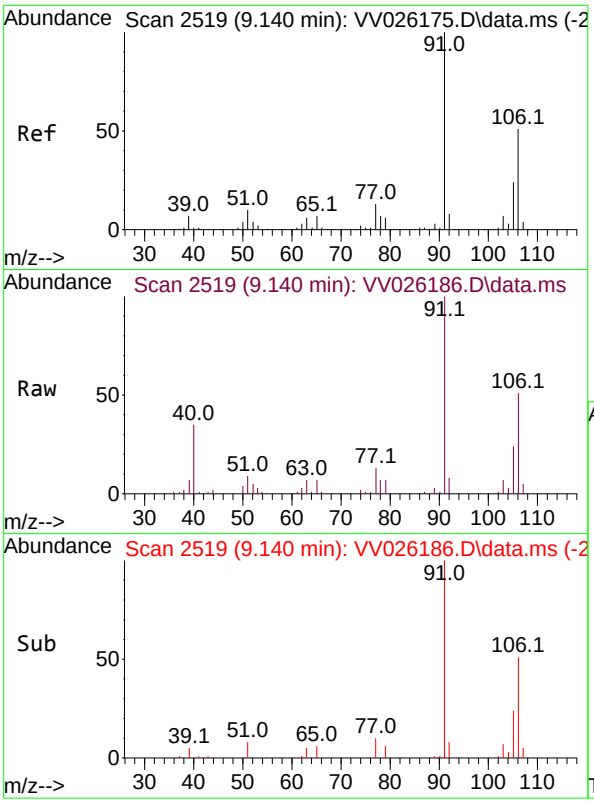


#52
Ethylbenzene
Concen: 0.191 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 91 Resp: 10971

Ion	Ratio	Lower	Upper
91	100		
106	29.7	22.3	41.3



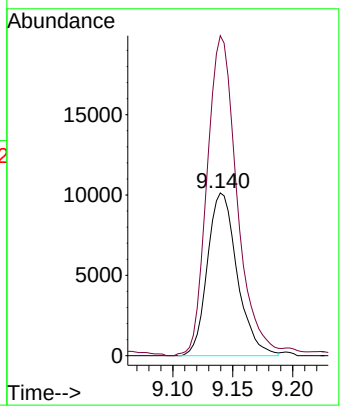


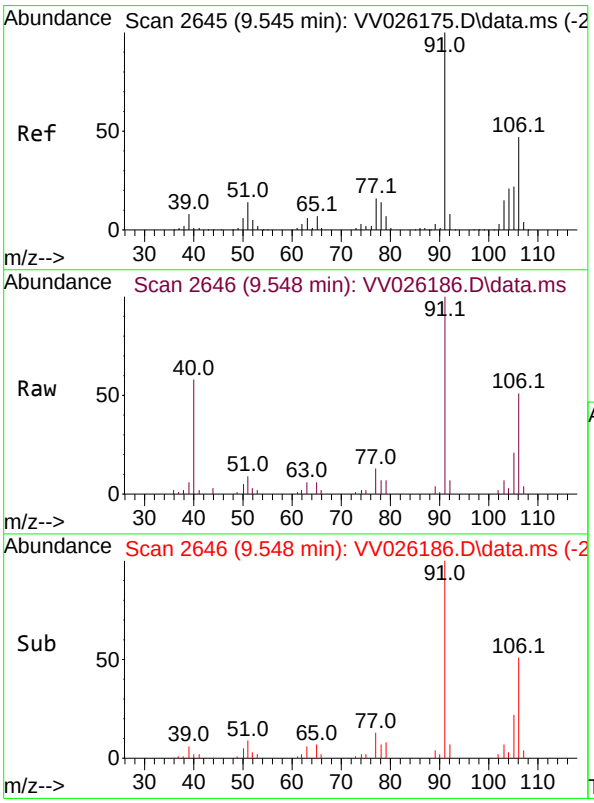
#53
m,p-Xylene
Concen: 0.793 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 17480

Ion	Ratio	Lower	Upper
106	100		
91	196.6	142.0	263.8

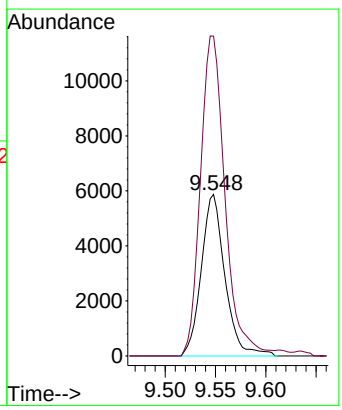


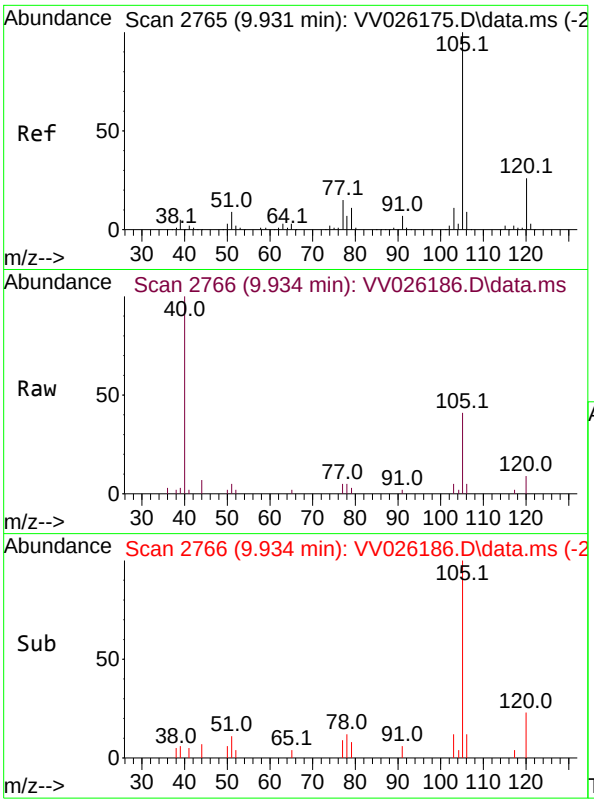


#54
o-Xylene
Concen: 0.451 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion:106 Resp: 9597

Ion	Ratio	Lower	Upper
106	100		
91	198.0	149.0	276.6



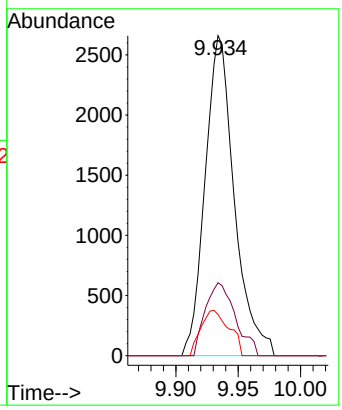


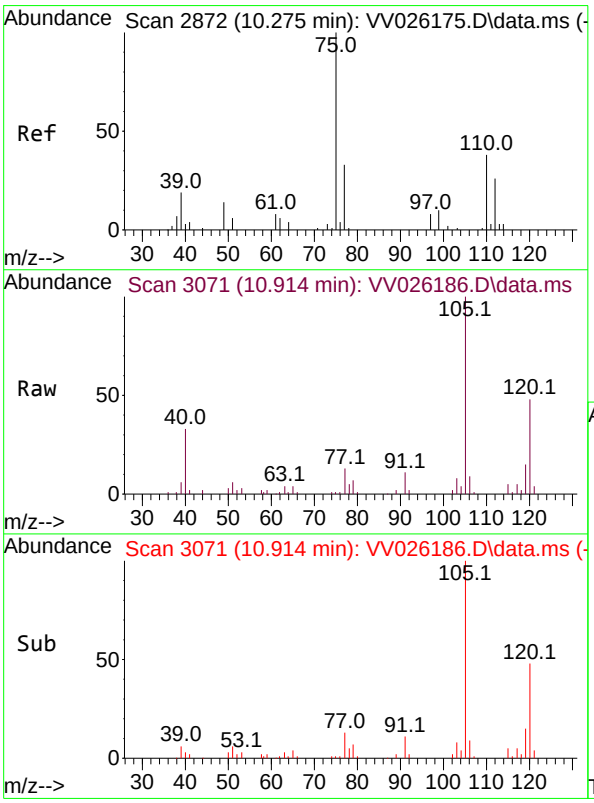
#60
Isopropylbenzene
Concen: 0.084 ug/L
RT: 9.934 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4338

Ion	Ratio	Lower	Upper
105	100		
120	23.4	21.4	32.0
77	13.7	12.4	18.6

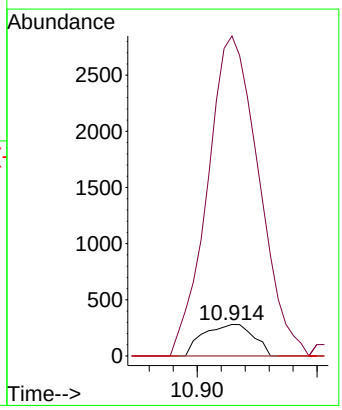


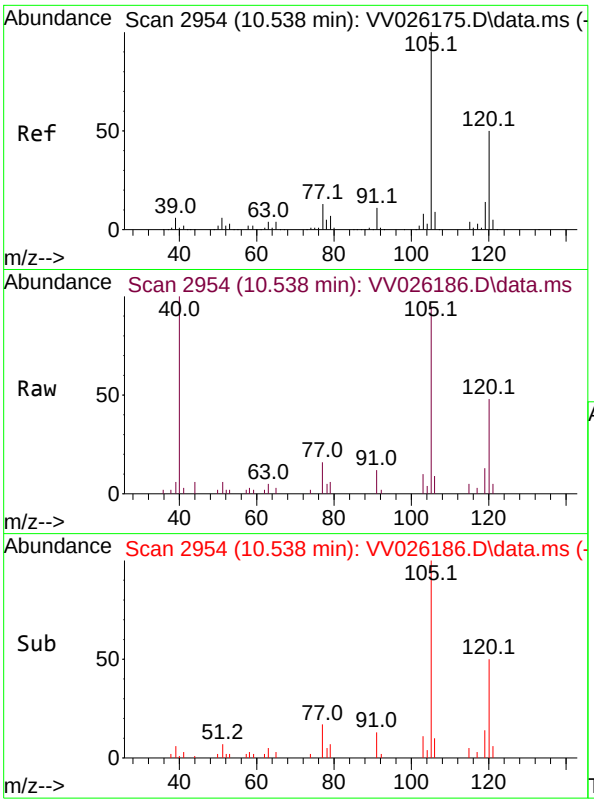


#61
1,2,3-Trichloropropane
Concen: 0.067 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.640 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion: 75 Resp: 407

Ion	Ratio	Lower	Upper
75	100		
77	1040.5	27.8	41.8#
110	0.0	33.0	49.4#



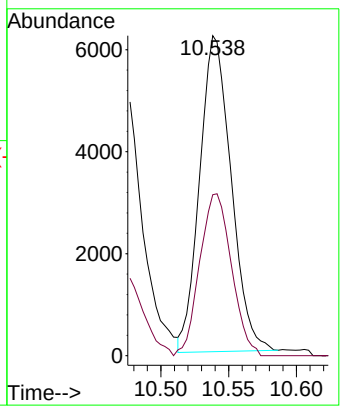


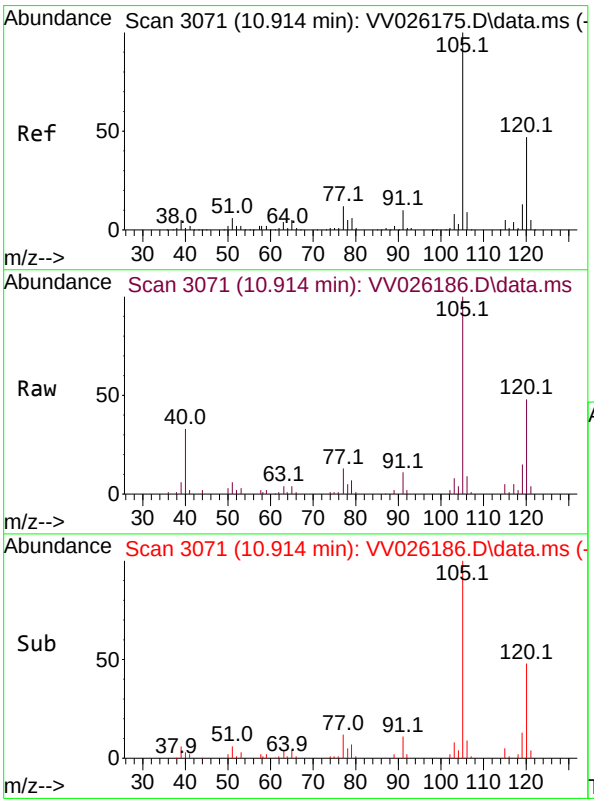
#62
1,3,5-Trimethylbenzene
Concen: 0.245 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 10012

Ion	Ratio	Lower	Upper
105	100		
120	51.7	40.1	60.1

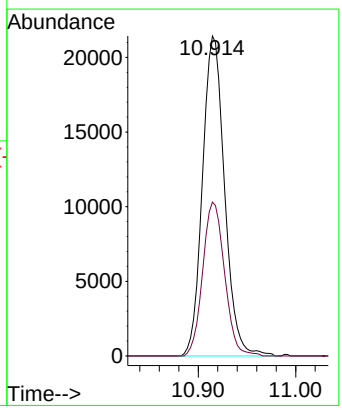


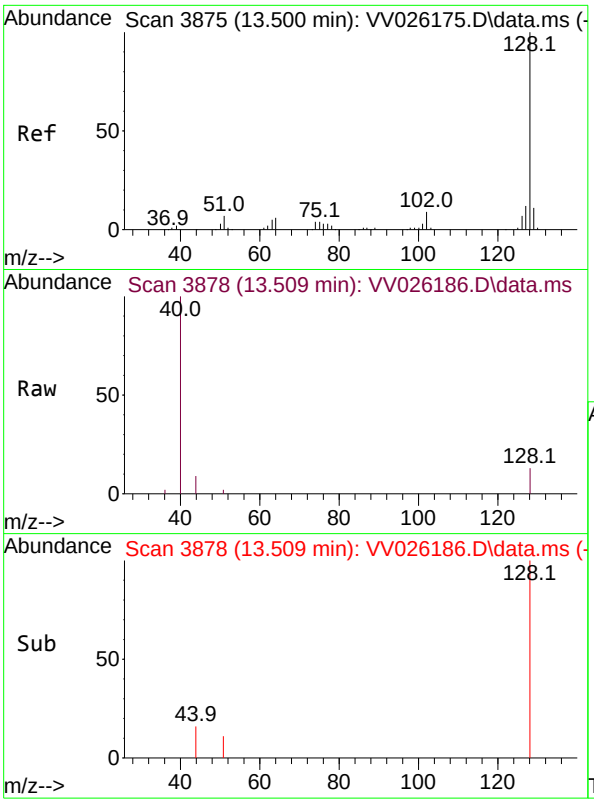


#63
1,2,4-Trimethylbenzene
Concen: 0.838 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Tgt Ion:105 Resp: 33749

Ion	Ratio	Lower	Upper
105	100		
120	47.6	36.9	55.3





#71
Naphthalene
Concen: 0.091 ug/L
RT: 13.509 min Scan# 3
Delta R.T. 0.010 min
Lab File: VV026186.D
Acq: 13 Jun 2022 01:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1587

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	1.3	10.5	15.7#