Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028154.D
Acq On : 28 Sep 2022 13:14
Operator : SY/MD
Sample : N4856-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Quant Time: Sep 29 01:27:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	179066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53548	2.884	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.600%			
7) Chloroethane-d5	1.561	69	53372	3.616	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.400%			
11) 1,1-Dichloroethene-d2	2.098	63	75606	2.348	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 47.000%#			
20) 2-Butanone-d5	3.889	46	162504	51.850	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.700%			
24) Chloroform-d	4.339	84	122173	4.124	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
26) 1,2-Dichloroethane-d4	5.027	65	59625	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.043	84	229145	3.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.066	67	76834	4.228	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.600%			
41) Toluene-d8	7.310	98	187283	3.550	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.000%			
43) trans-1,3-Dichloroprop...	7.622	79	24874	3.790	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.085	63	145574	53.138	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.280%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60182	4.845	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	88354	4.929	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	1198	0.068	ug/L	88
5) Vinyl chloride	1.304	62	2785	0.201	ug/L #	51
8) Chloroethane	1.375	64	1198435	128.704	ug/L #	50
12) 1,1-Dichloroethene	2.105	96	1199	0.097	ug/L #	1
13) Acetone	2.188	43	45306	18.767	ug/L	99
14) Carbon disulfide	2.288	76	1902	0.080	ug/L #	92
15) Methyl Acetate	2.490	43	11170	2.384	ug/L #	55
17) Methyl tert-butyl Ether	2.764	73	1561315	58.651	ug/L	95
18) trans-1,2-Dichloroethene	2.751	96	97314	8.983	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	115734	8.142	ug/L	96
27) 1,2-Dichloroethane	5.143	62	2819	0.208	ug/L #	47
30) Cyclohexane	4.667	56	9492	0.601	ug/L	88
33) Benzene	5.098	78	69438	1.407	ug/L	100
34) Trichloroethene	5.915	95	13317	1.084	ug/L	94
35) Methylcyclohexane	5.924	83	3204	0.190	ug/L	94
37) 1,2-Dichloropropane	6.063	63	7848	0.567	ug/L #	90
38) Bromodichloromethane	6.561	83	3923	0.230	ug/L #	26
39) cis-1,3-Dichloropropene	6.982	75	1757	0.102	ug/L #	42
42) Toluene	7.391	91	14042	0.273	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028154.D
Acq On : 28 Sep 2022 13:14
Operator : SY/MD
Sample : N4856-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Quant Time: Sep 29 01:27:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.783	97	19337	2.085	ug/L	#	20
47) Tetrachloroethene	7.976	164	21004	2.141	ug/L		96
49) Dibromochloromethane	7.973	129	18627	1.670	ug/L	#	11
52) Ethylbenzene	9.011	91	21023	0.386	ug/L		98
53) m,p-Xylene	9.143	106	1108	0.053	ug/L		67
54) o-Xylene	9.545	106	3405	0.165	ug/L		89
60) Isopropylbenzene	10.535	105	15037	0.280	ug/L	#	69
62) 1,3,5-Trimethylbenzene	10.535	105	15037	0.995	ug/L		99
63) 1,2,4-Trimethylbenzene	10.535	105	15037	0.356	ug/L		94
71) Naphthalene	13.500	128	5242	0.189	ug/L	#	85

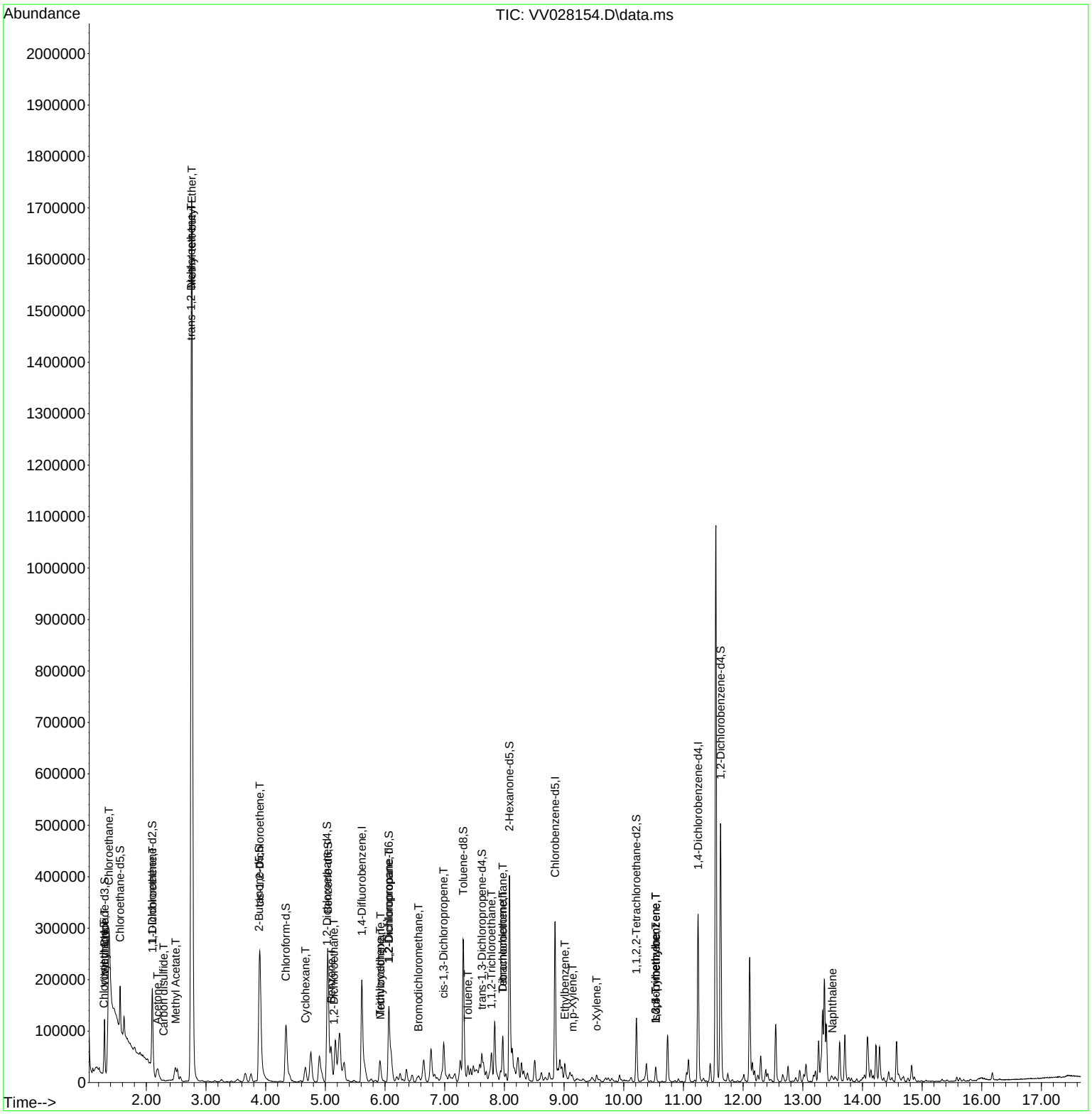
(#) = qualifier out of range (m) = manual integration (+) = signals summed

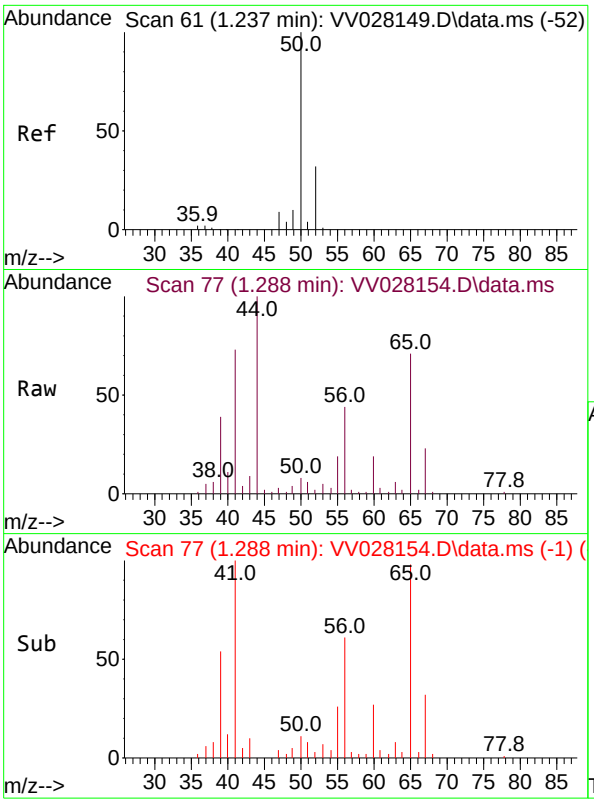
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028154.D
Acq On : 28 Sep 2022 13:14
Operator : SY/MD
Sample : N4856-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Quant Time: Sep 29 01:27:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



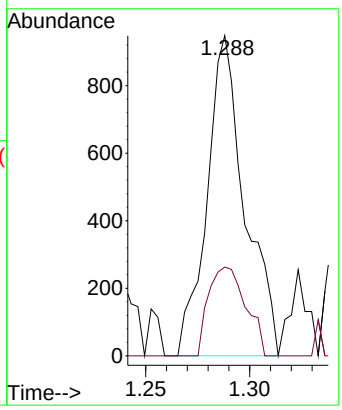


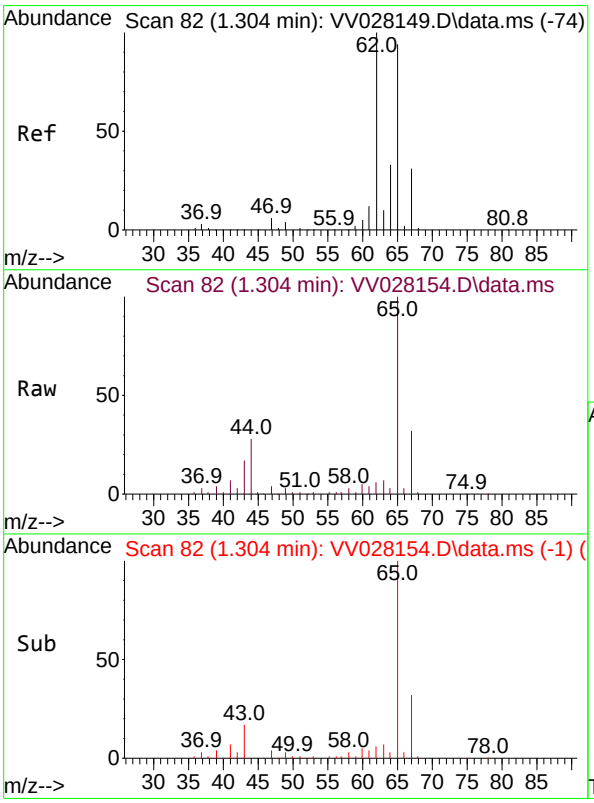
#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.288 min Scan# 7
Delta R.T. 0.051 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 50 Resp: 1198

Ion	Ratio	Lower	Upper
50	100		
52	27.7	24.4	45.2

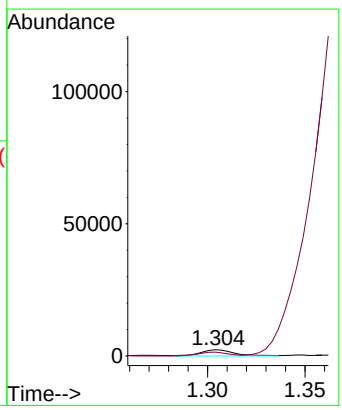


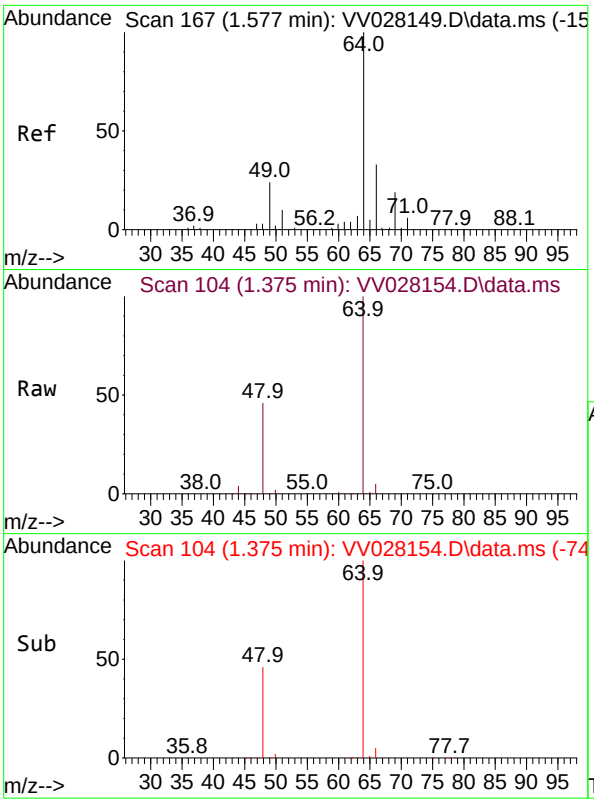


#5
Vinyl chloride
Concen: 0.201 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 62 Resp: 2785

Ion	Ratio	Lower	Upper
62	100		
64	60.4	23.0	42.8#



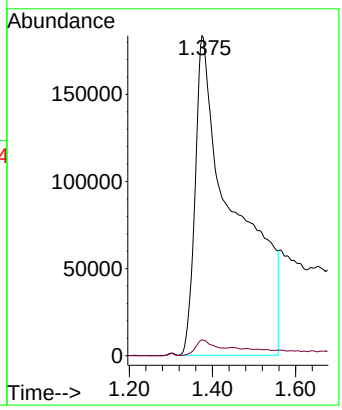


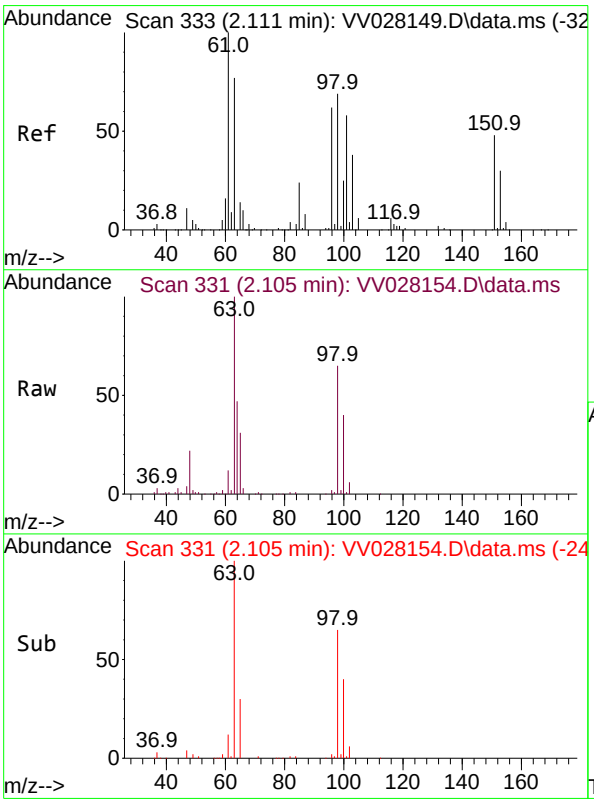
#8
Chloroethane
Concen: 128.704 ug/L
RT: 1.375 min Scan# 1
Delta R.T. -0.203 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 64 Resp: 1198435

Ion	Ratio	Lower	Upper
64	100		
66	4.9	23.0	42.8#

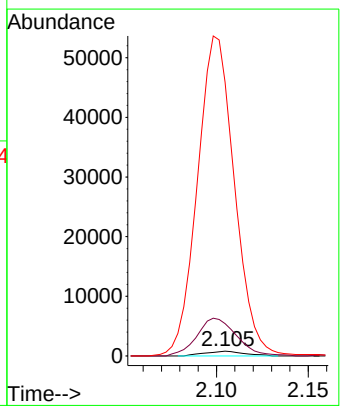


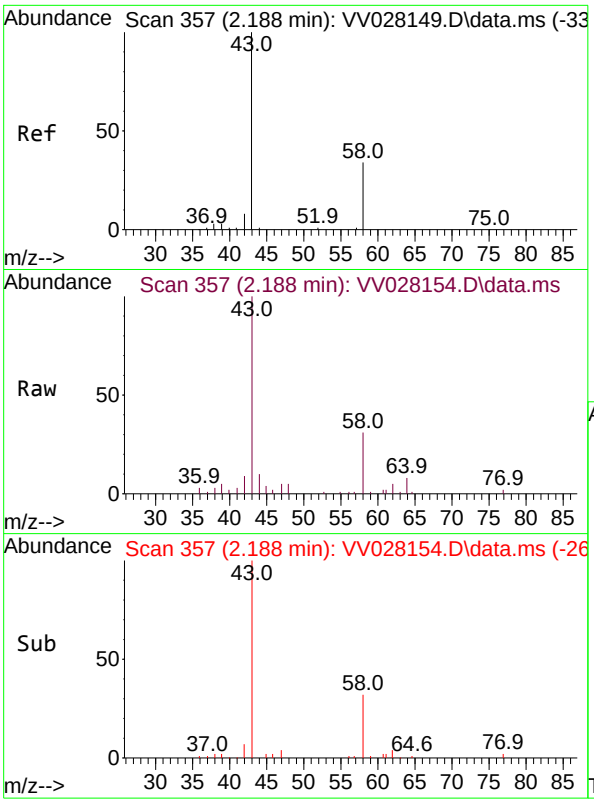


#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 96 Resp: 1199

Ion	Ratio	Lower	Upper
96	100		
61	684.2	128.3	238.3#
63	5786.6	112.7	209.3#



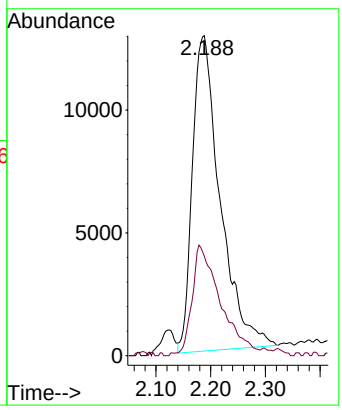


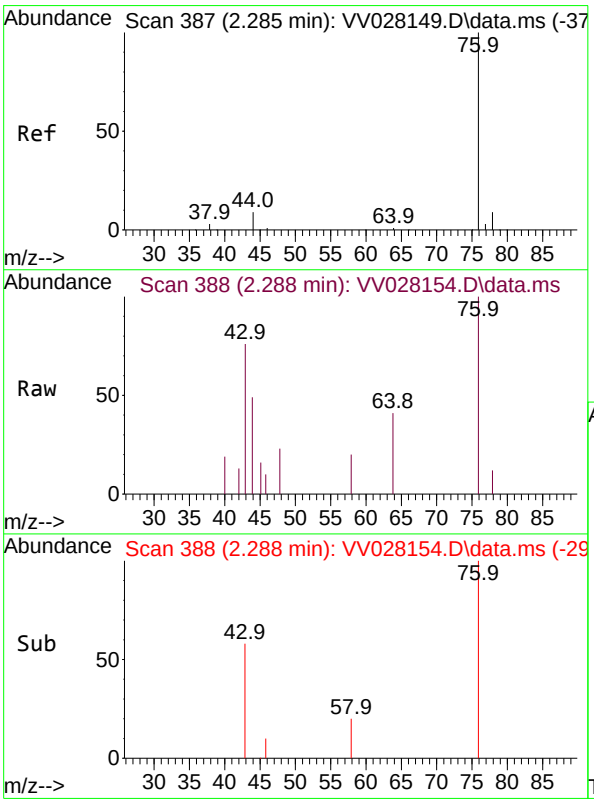
#13
Acetone
Concen: 18.767 ug/L
RT: 2.188 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 43 Resp: 45306

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	65.6

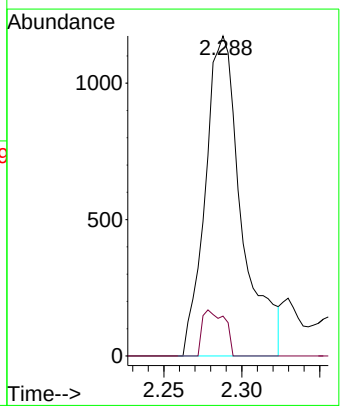


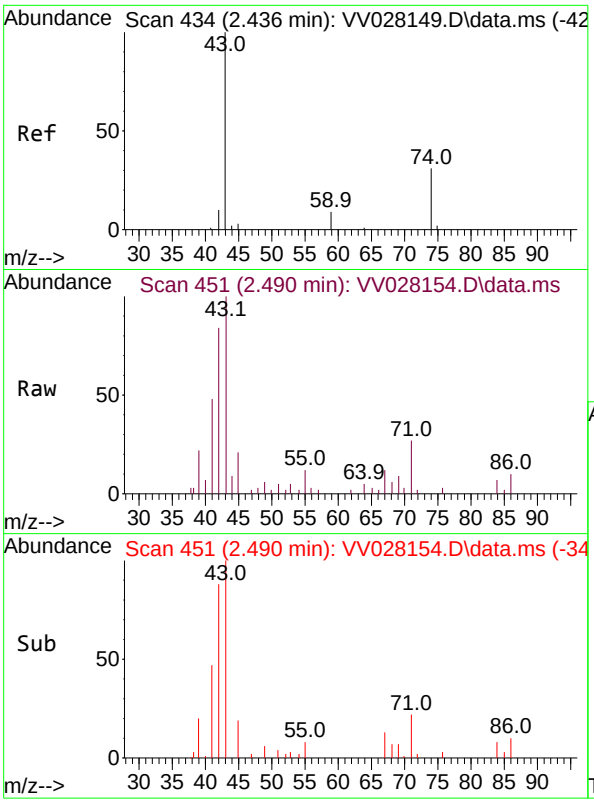


#14
Carbon disulfide
Concen: 0.080 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 76 Resp: 1902

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.6	11.4#



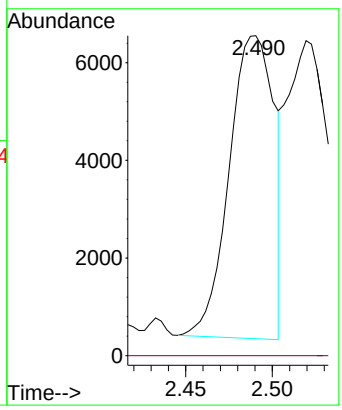


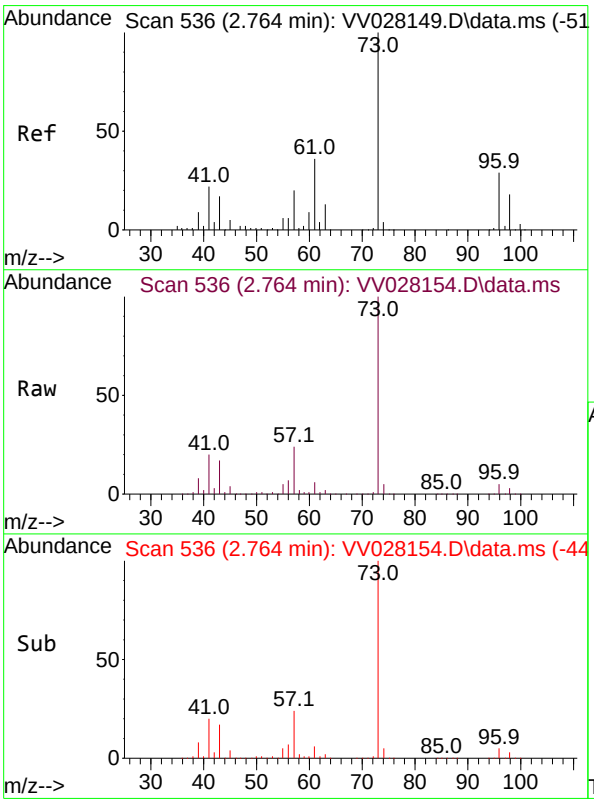
#15
Methyl Acetate
Concen: 2.384 ug/L
RT: 2.490 min Scan# 4
Delta R.T. 0.055 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 43 Resp: 11170

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#

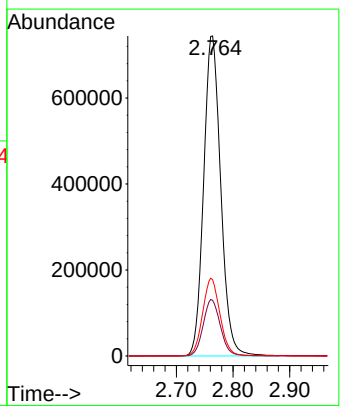


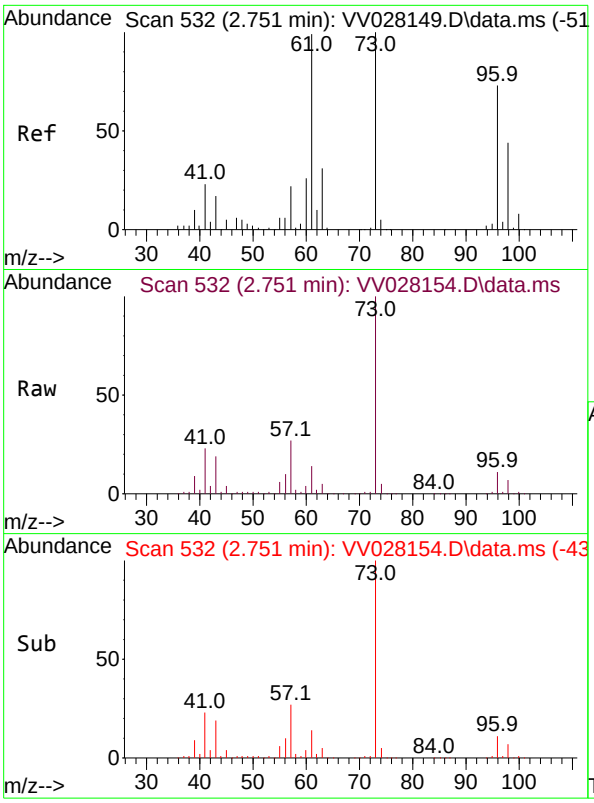


#17
Methyl tert-butyl Ether
Concen: 58.651 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 73 Resp: 1561315

Ion	Ratio	Lower	Upper
73	100		
43	17.6	15.7	23.5
57	24.7	17.8	26.8



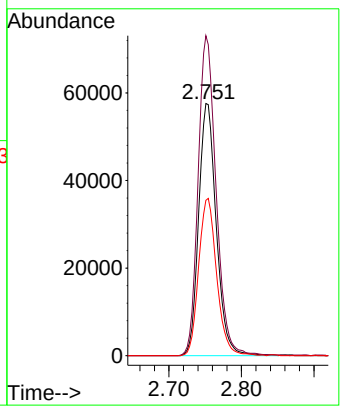


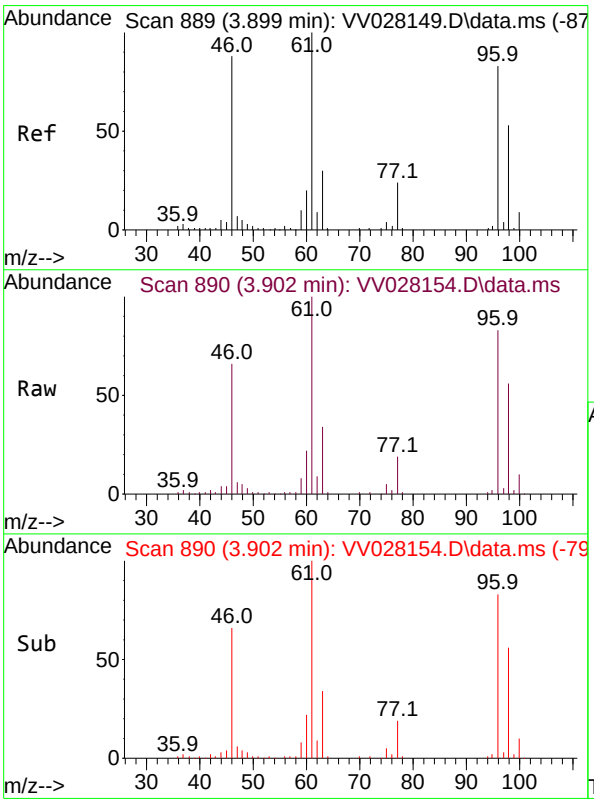
#18
trans-1,2-Dichloroethene
Concen: 8.983 ug/L
RT: 2.751 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 96 Resp: 97314

Ion	Ratio	Lower	Upper
96	100		
61	126.9	96.2	178.6
98	61.6	45.7	84.9

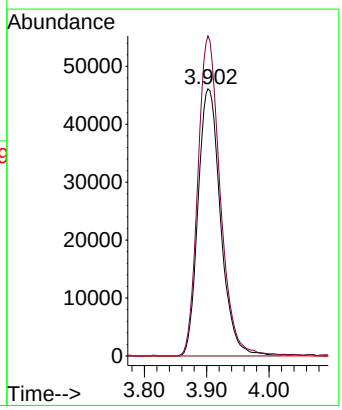


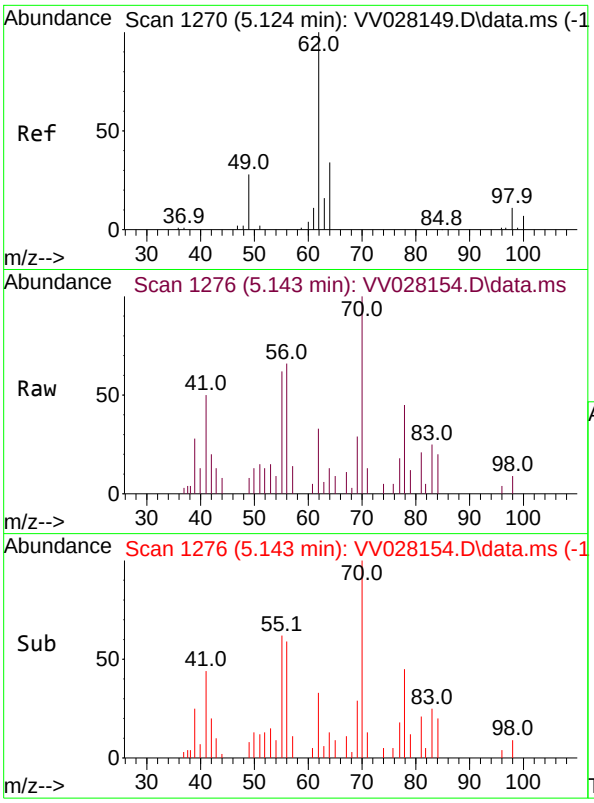


#22
cis-1,2-Dichloroethene
Concen: 8.142 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 96 Resp: 115734

Ion	Ratio	Lower	Upper
96	100		
61	119.8	87.2	161.9
68	0.0	0.0	0.0



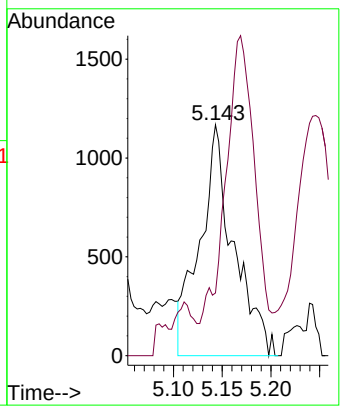


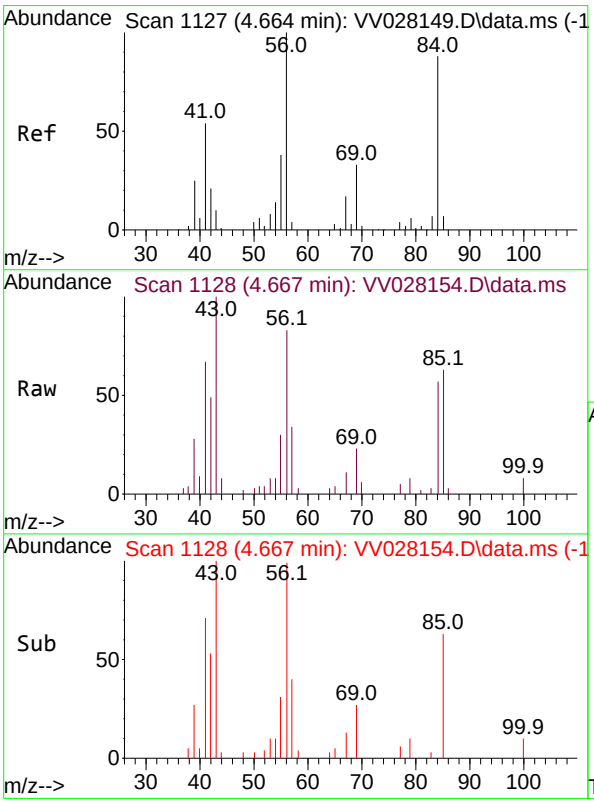
#27
1,2-Dichloroethane
Concen: 0.208 ug/L
RT: 5.143 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 62 Resp: 2819

Ion	Ratio	Lower	Upper
62	100		
98	27.1	6.7	10.1#

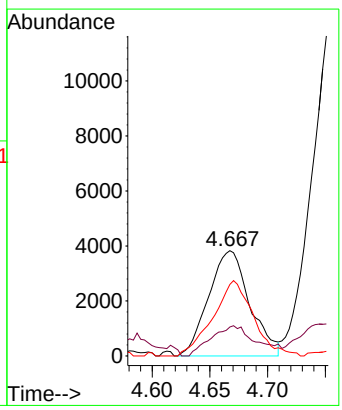


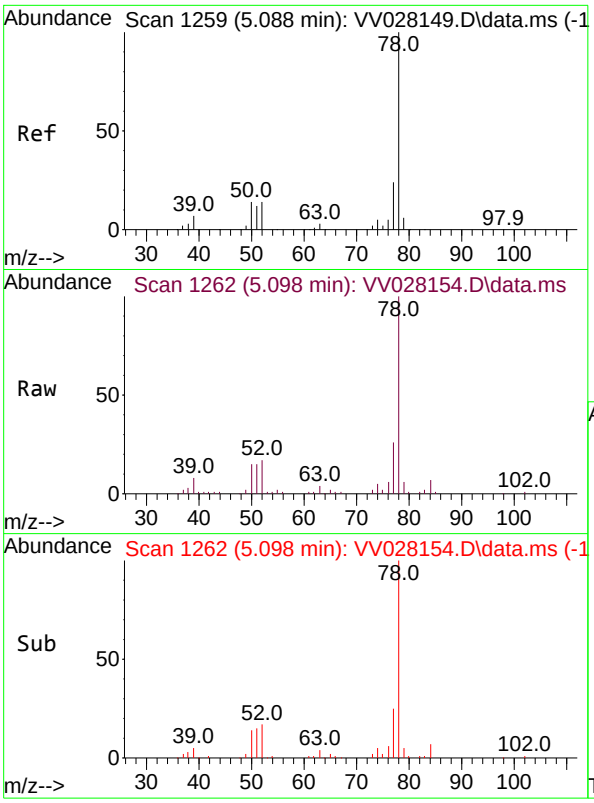


#30
Cyclohexane
Concen: 0.601 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 56 Resp: 9492

Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.7	35.5
84	70.2	67.3	100.9

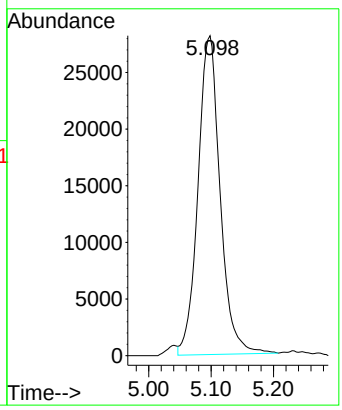


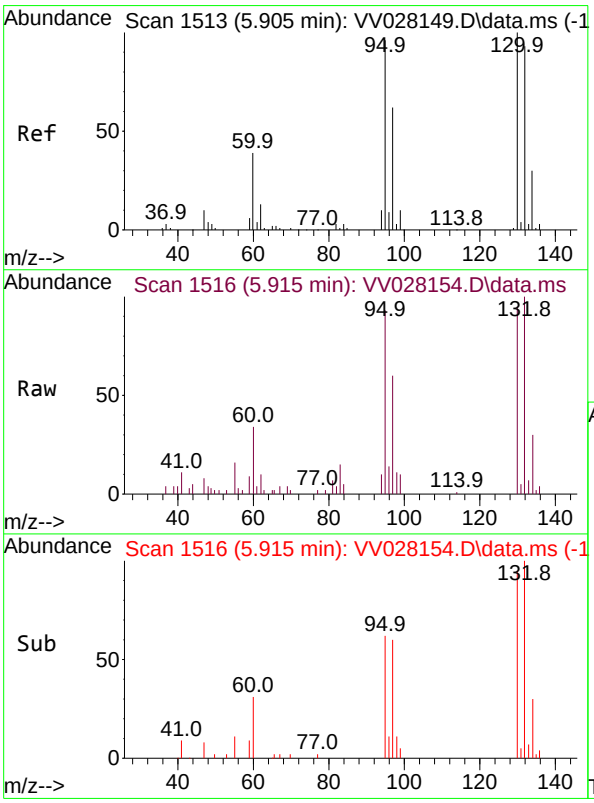


#33
Benzene
Concen: 1.407 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 78 Resp: 69438

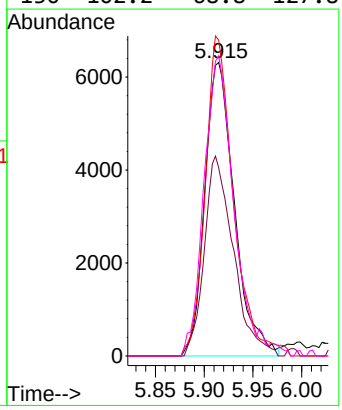


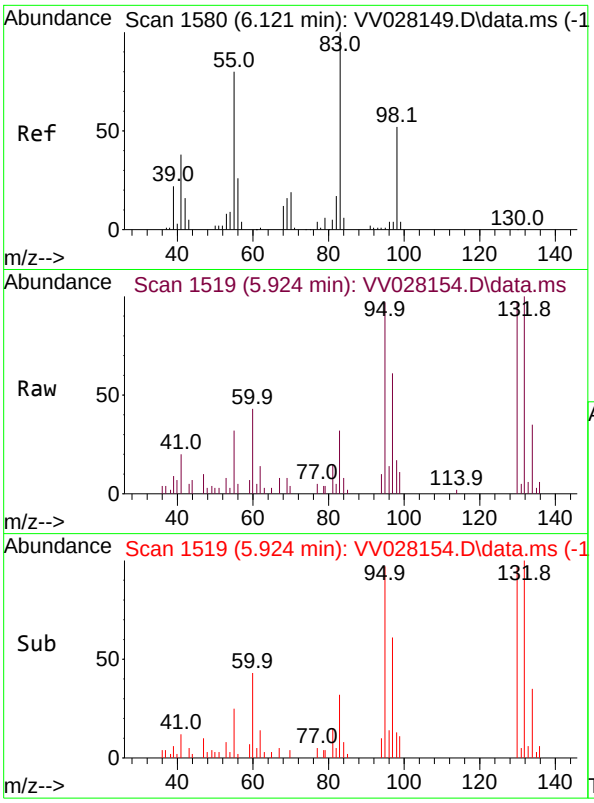


#34
Trichloroethene
Concen: 1.084 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 95 Resp: 13317

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.2	82.0
132	107.6	67.8	126.0
130	102.2	68.8	127.8



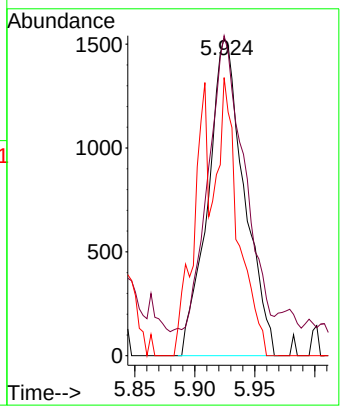


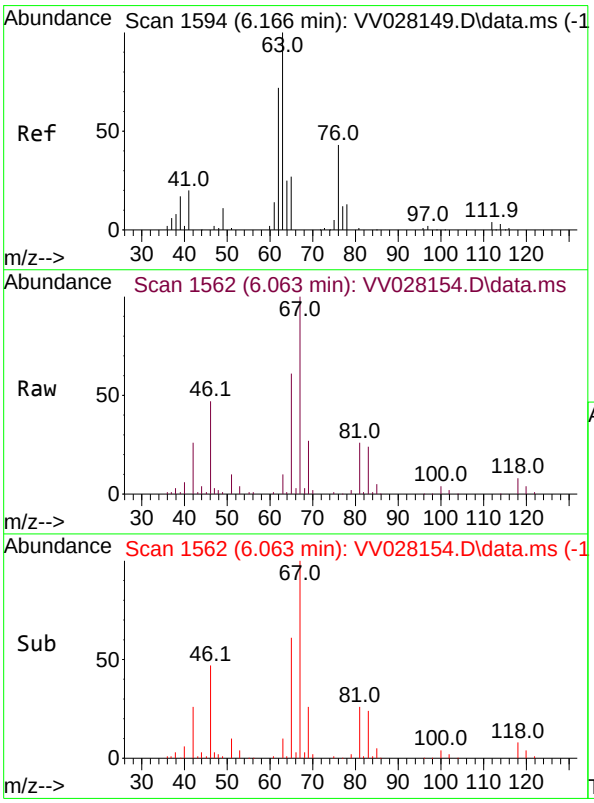
#35
Methylcyclohexane
Concen: 0.190 ug/L
RT: 5.924 min Scan# 1
Delta R.T. -0.196 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 83 Resp: 3204

Ion	Ratio	Lower	Upper
83	100		
55	90.1	64.7	97.1
98	49.3	39.5	59.3

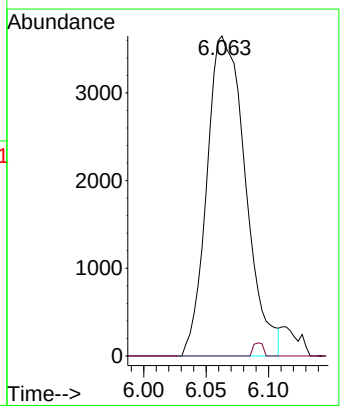


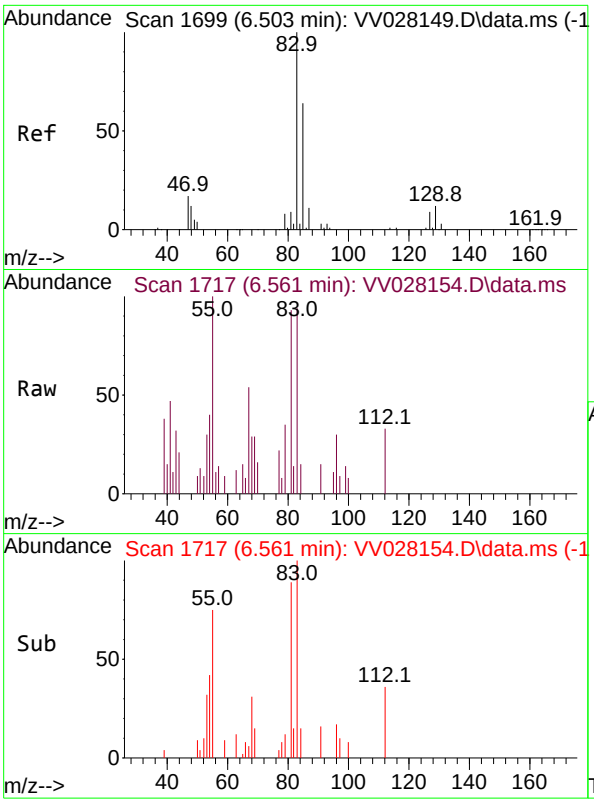


#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 63 Resp: 7848

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.5	5.3#



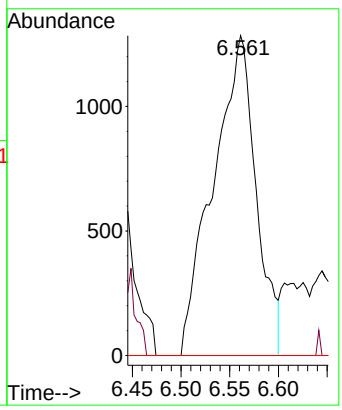


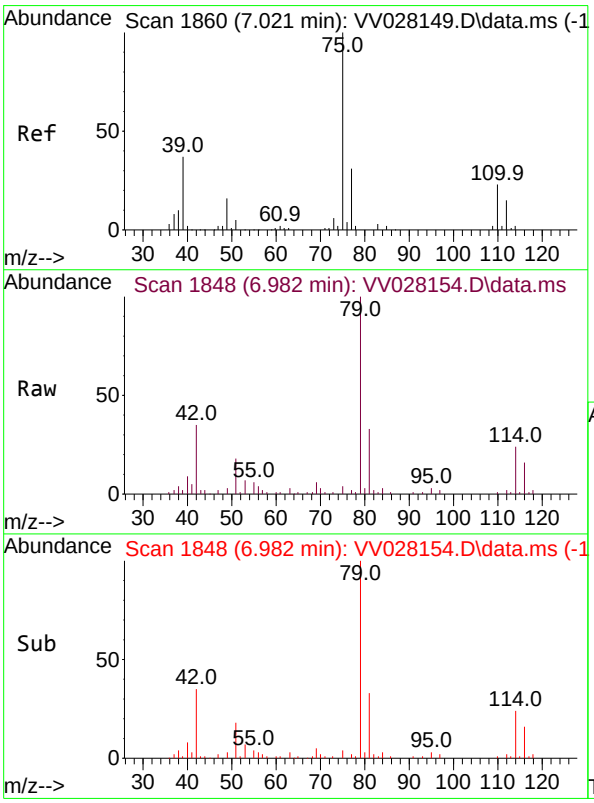
#38
Bromodichloromethane
Concen: 0.230 ug/L
RT: 6.561 min Scan# 1
Delta R.T. 0.058 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 83 Resp: 3923

Ion	Ratio	Lower	Upper
83	100		
85	0.0	43.8	81.4#
127	0.0	6.3	9.5#

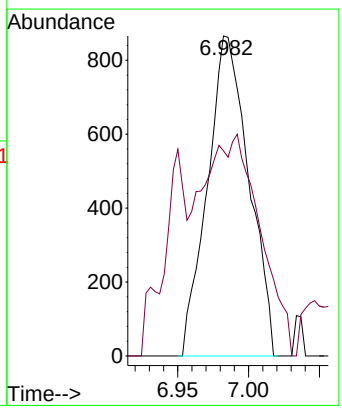


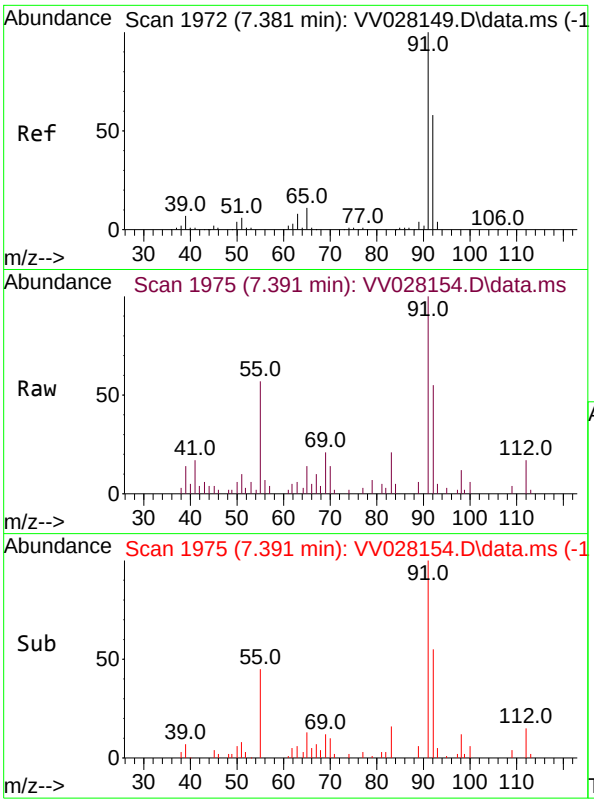


#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 75 Resp: 1757

Ion	Ratio	Lower	Upper
75	100		
77	64.1	22.4	41.6#



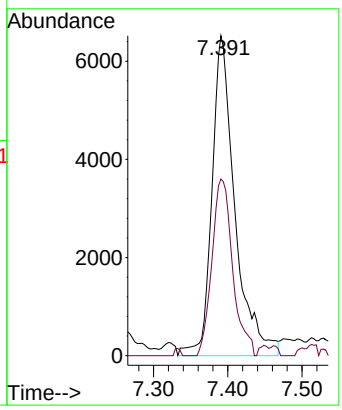


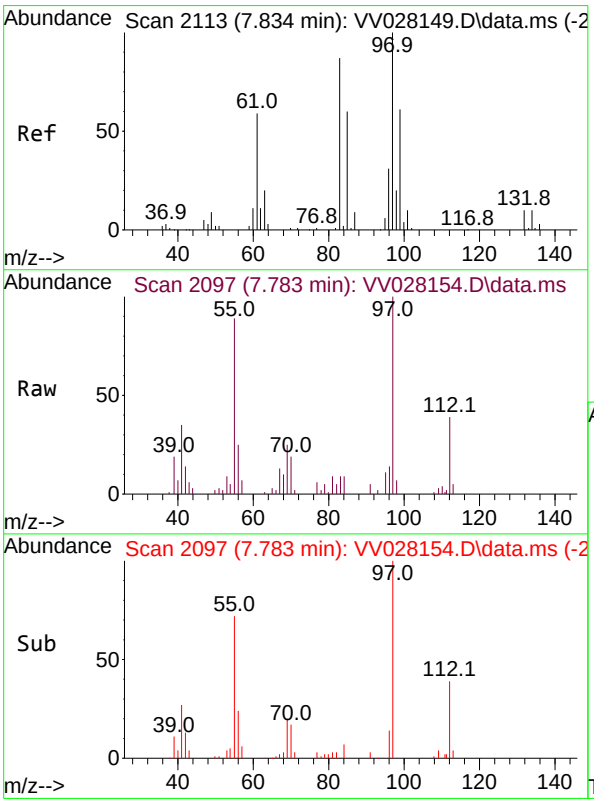
#42
Toluene
Concen: 0.273 ug/L
RT: 7.391 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 91 Resp: 14042

Ion	Ratio	Lower	Upper
91	100		
92	55.2	40.2	74.6

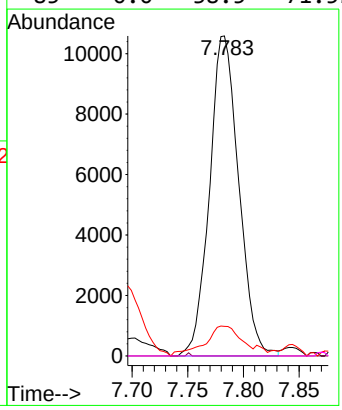


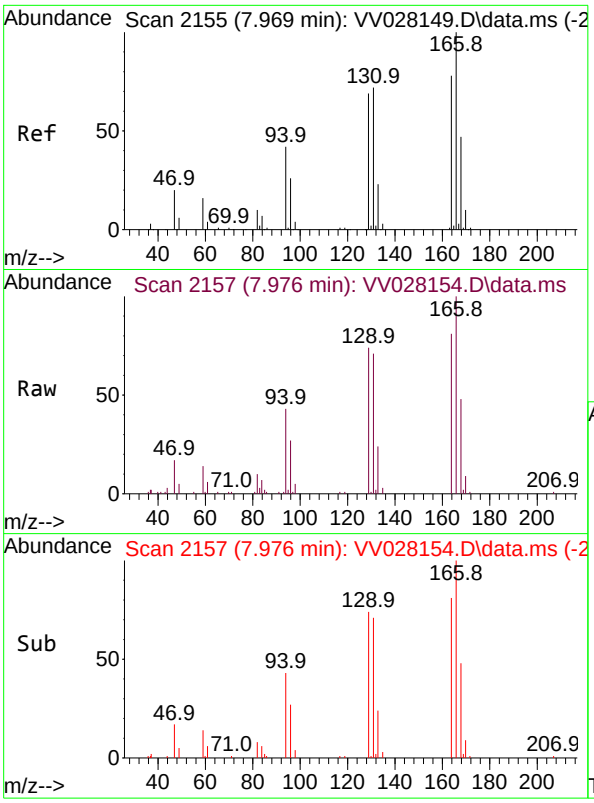


#45
1,1,2-Trichloroethane
Concen: 2.085 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. -0.051 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion: 97 Resp: 19337

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.2	80.2#
83	9.3	59.1	109.9#
85	0.0	38.5	71.5#



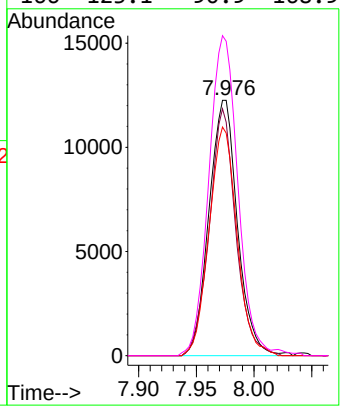


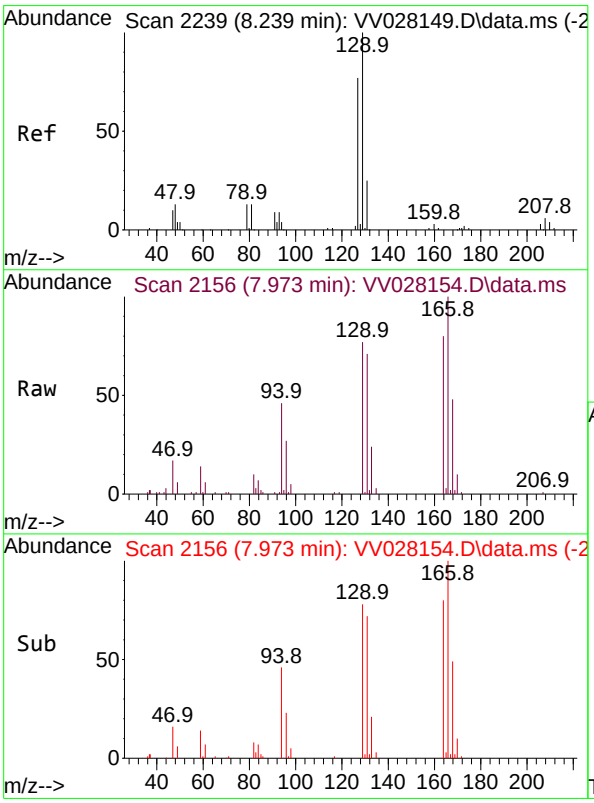
#47
Tetrachloroethene
Concen: 2.141 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:164 Resp: 21004

Ion	Ratio	Lower	Upper
164	100		
129	91.4	66.7	123.9
131	87.2	61.7	114.5
166	123.1	90.9	168.9

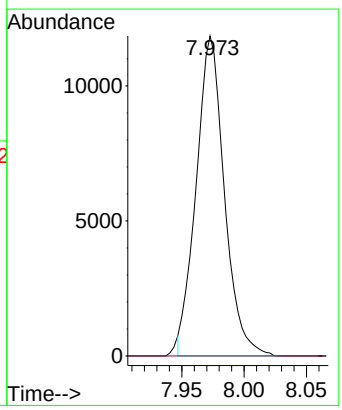


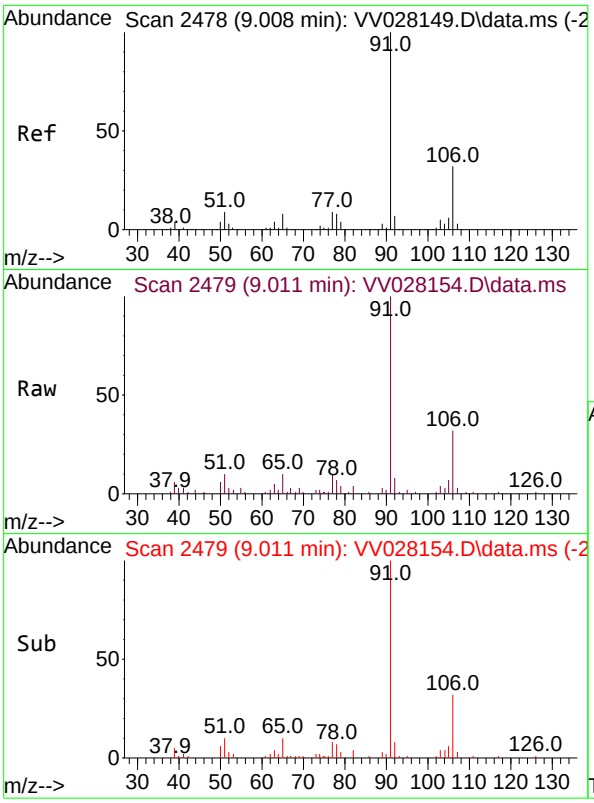


#49
Dibromochloromethane
Concen: 1.670 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion:129 Resp: 18627

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#



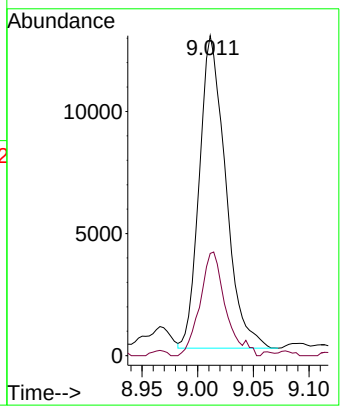


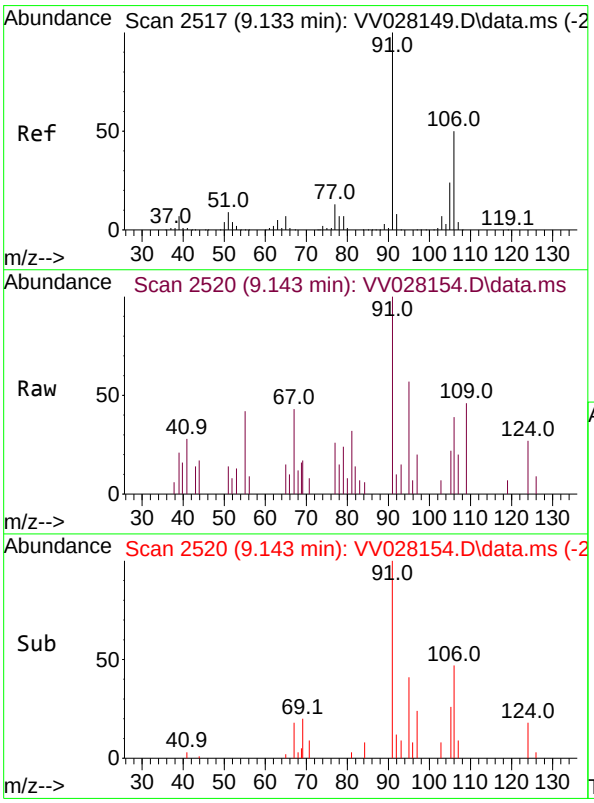
#52
Ethylbenzene
Concen: 0.386 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion: 91 Resp: 21023

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.5	39.9

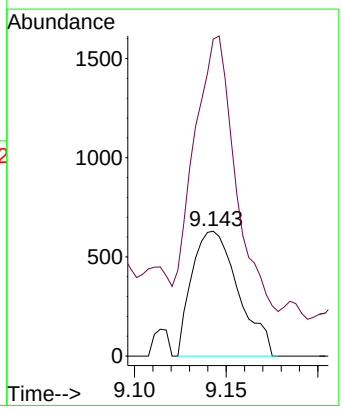


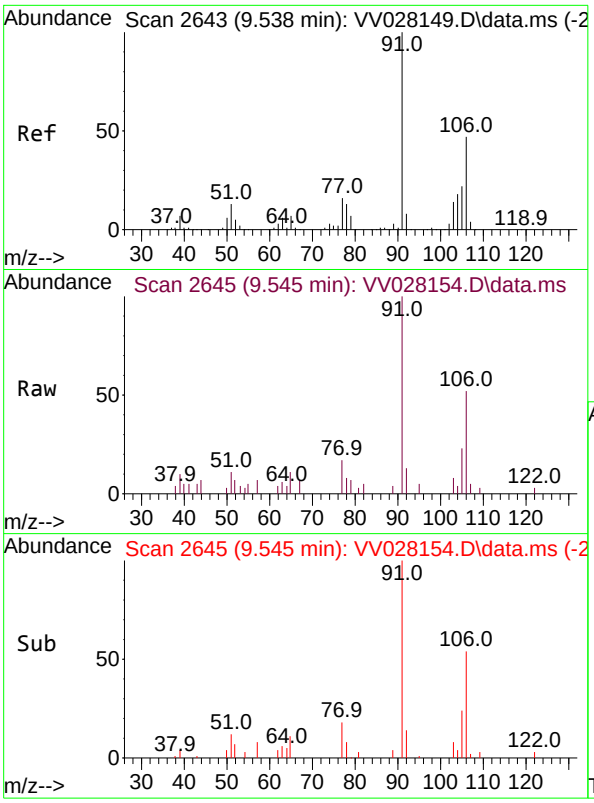


#53
m,p-Xylene
Concen: 0.053 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion:106 Resp: 1108

Ion	Ratio	Lower	Upper
106	100		
91	253.7	141.9	263.5



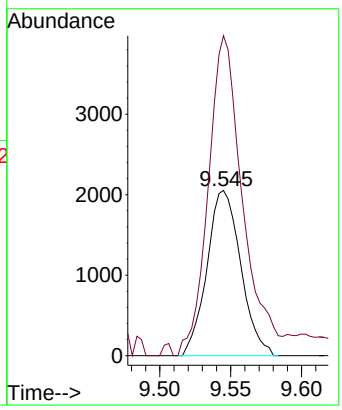


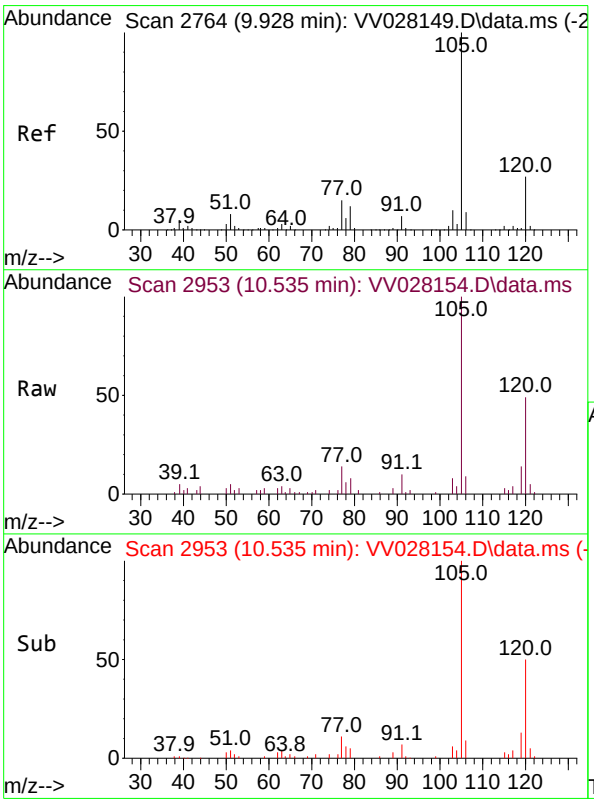
#54
o-Xylene
Concen: 0.165 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:106 Resp: 3405

Ion	Ratio	Lower	Upper
106	100		
91	193.6	148.1	275.0

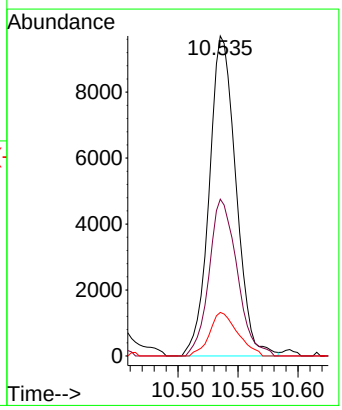


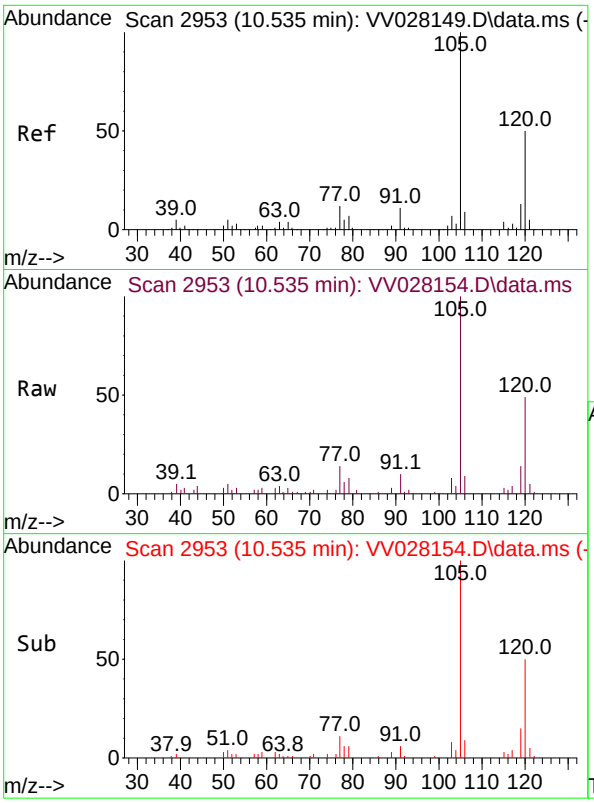


#60
Isopropylbenzene
Concen: 0.280 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.608 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion:105 Resp: 15037

Ion	Ratio	Lower	Upper
105	100		
120	51.4	21.4	32.0#
77	14.3	12.2	18.4



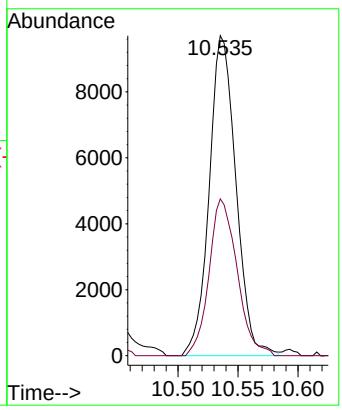


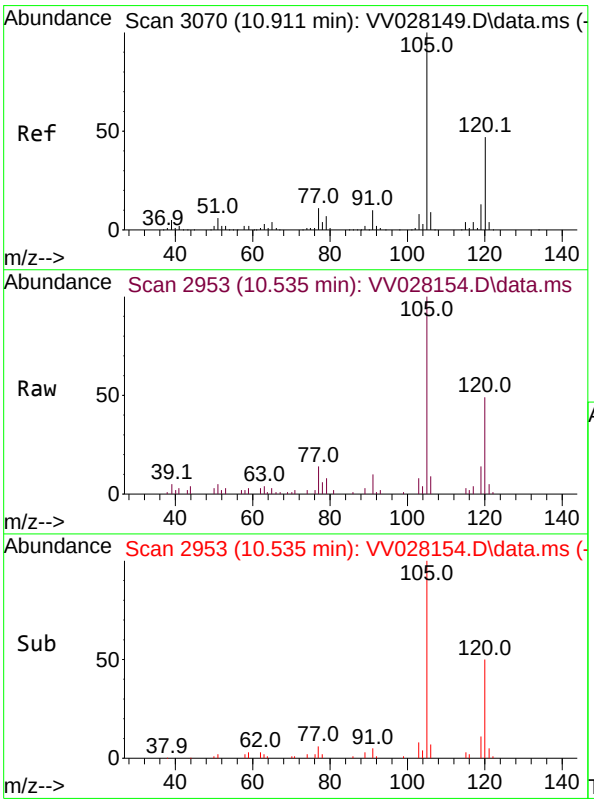
#62
1,3,5-Trimethylbenzene
Concen: 0.995 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:105 Resp: 15037

Ion	Ratio	Lower	Upper
105	100		
120	51.4	40.6	61.0

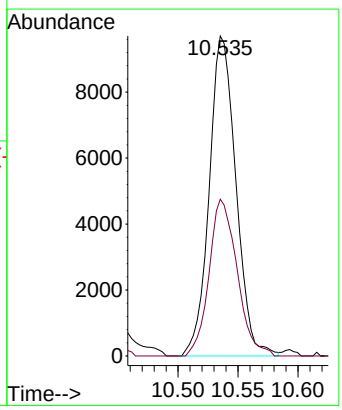


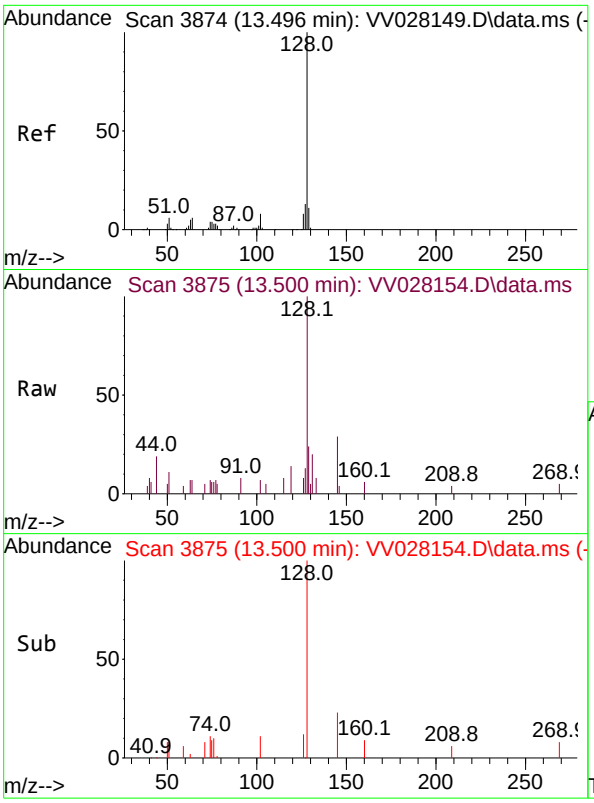


#63
1,2,4-Trimethylbenzene
Concen: 0.356 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.376 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Tgt Ion:105 Resp: 15037

Ion	Ratio	Lower	Upper
105	100		
120	51.4	37.8	56.8





#71
Naphthalene
Concen: 0.189 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028154.D
Acq: 28 Sep 2022 13:14

Instrument :
MSVOA_V
ClientSampleId :
F5H32

Tgt Ion:128 Resp: 5242

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.2	12.2#
127	10.9	10.4	15.6