Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028153.D
Acq On : 28 Sep 2022 12:50
Operator : SY/MD
Sample : N4856-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Quant Time: Sep 29 01:26:59 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	5.612	114	173756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51932	2.883	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.600%			
7) Chloroethane-d5	1.561	69	50586	3.532	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.600%			
11) 1,1-Dichloroethene-d2	2.101	63	70116	2.244	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 44.800%#			
20) 2-Butanone-d5	3.892	46	159637	52.492	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.980%			
24) Chloroform-d	4.342	84	121279	4.219	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.027	65	59763	4.369	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.400%			
32) Benzene-d6	5.043	84	215496	3.777	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.600%			
36) 1,2-Dichloropropane-d6	6.066	67	72873	4.097	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.313	98	168011	3.254	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.000%#			
43) trans-1,3-Dichloroprop...	7.622	79	23614	3.676	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.600%			
46) 2-Hexanone-d5	8.085	63	129699	48.371	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.740%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56182	4.621	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	11.619	152	75648	4.700	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	880	0.065	ug/L #	20
8) Chloroethane	1.535	64	5287	0.585	ug/L #	48
13) Acetone	2.188	43	10029	4.281	ug/L	74
15) Methyl Acetate	2.490	43	2632	0.579	ug/L #	55
16) Methylene chloride	2.500	84	18913	1.411	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	279511	10.821	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	17658	1.680	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	21070	1.528	ug/L	88
30) Cyclohexane	4.667	56	2066	0.134	ug/L #	54
33) Benzene	5.101	78	12645	0.262	ug/L	100
34) Trichloroethene	5.918	95	2646	0.220	ug/L	98
35) Methylcyclohexane	6.066	83	20029	1.214	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7835	0.578	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1538	0.091	ug/L	87
45) 1,1,2-Trichloroethane	7.780	97	3250	0.358	ug/L #	19
47) Tetrachloroethene	7.979	164	3460	0.360	ug/L	96
49) Dibromochloromethane	7.976	129	3233	0.296	ug/L #	11
52) Ethylbenzene	9.024	91	3796	0.071	ug/L	92
53) m,p-Xylene	9.017	106	1316	0.064	ug/L	91

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028153.D
Acq On : 28 Sep 2022 12:50
Operator : SY/MD
Sample : N4856-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Quant Time: Sep 29 01:26:59 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)
60) Isopropylbenzene	10.738	105	10859	0.225	ug/L		97
61) 1,2,3-Trichloropropane	11.246	75	8187	1.190	ug/L	#	68
62) 1,3,5-Trimethylbenzene	10.538	105	3155	0.233	ug/L		96
63) 1,2,4-Trimethylbenzene	10.538	105	3155	0.083	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
Data File : VV028153.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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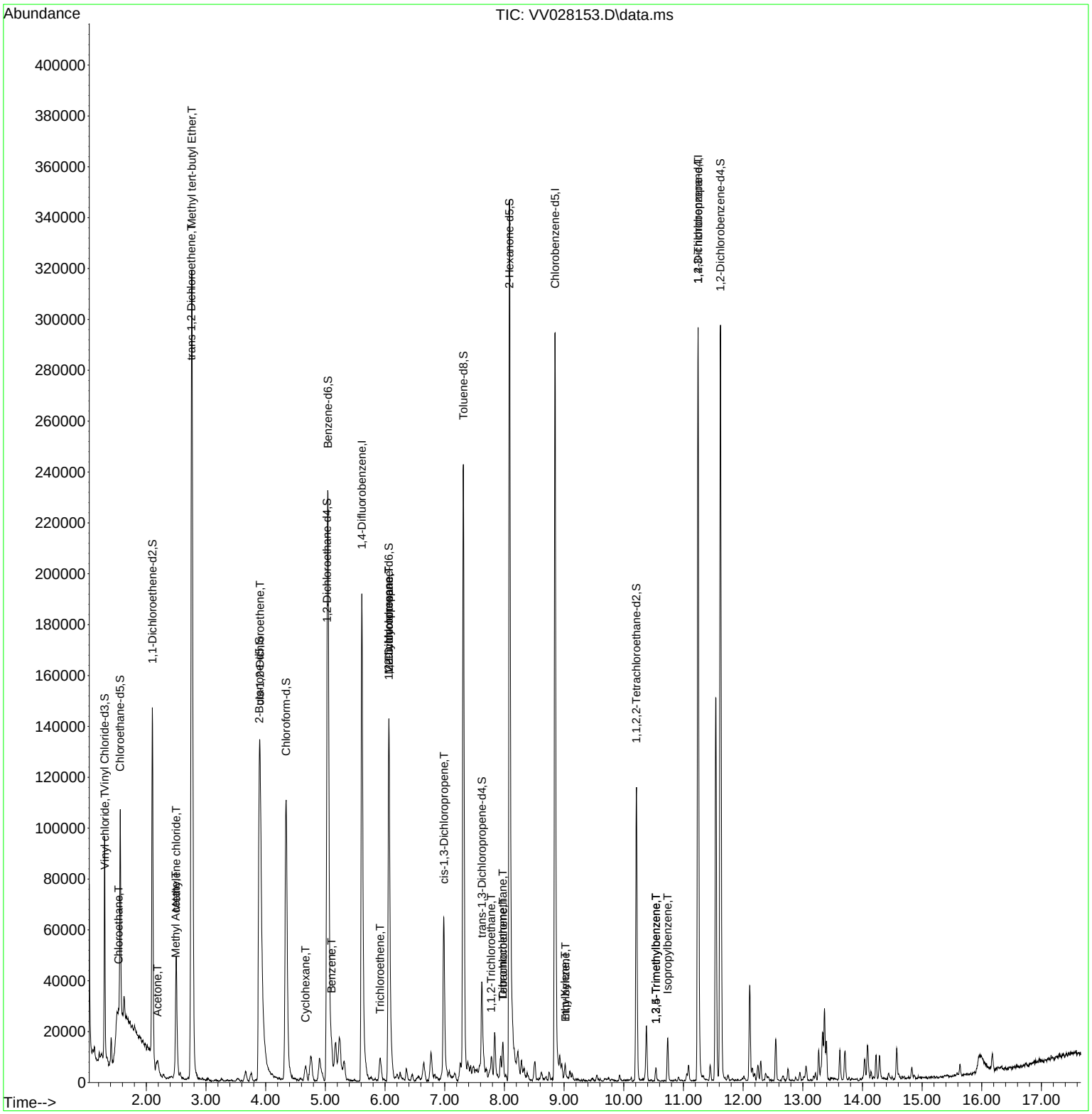
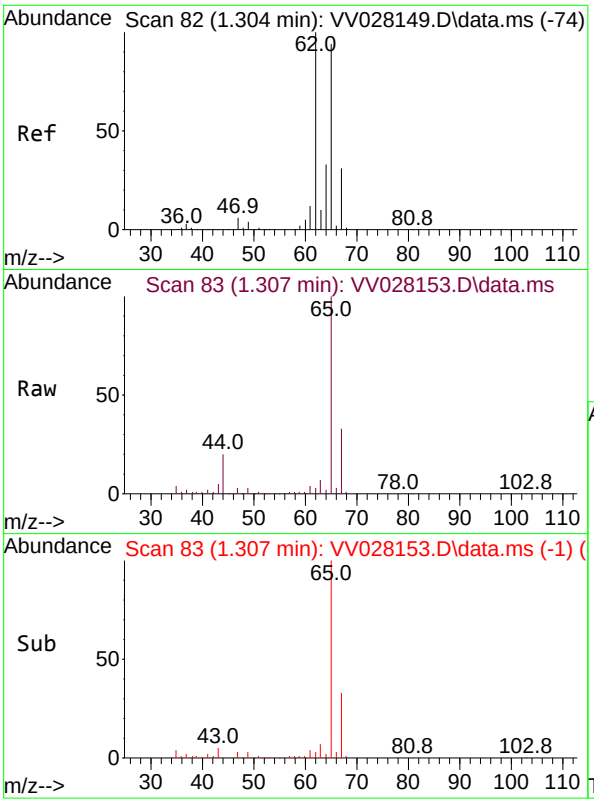
ClientSampleId :
F5H32DL

Quant Time: Sep 29 01:26:59 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



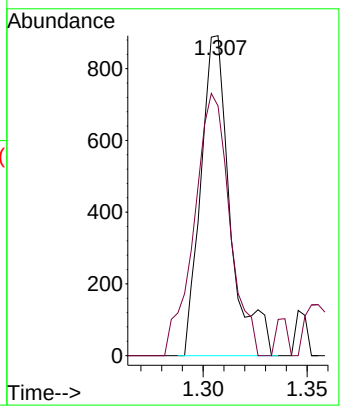


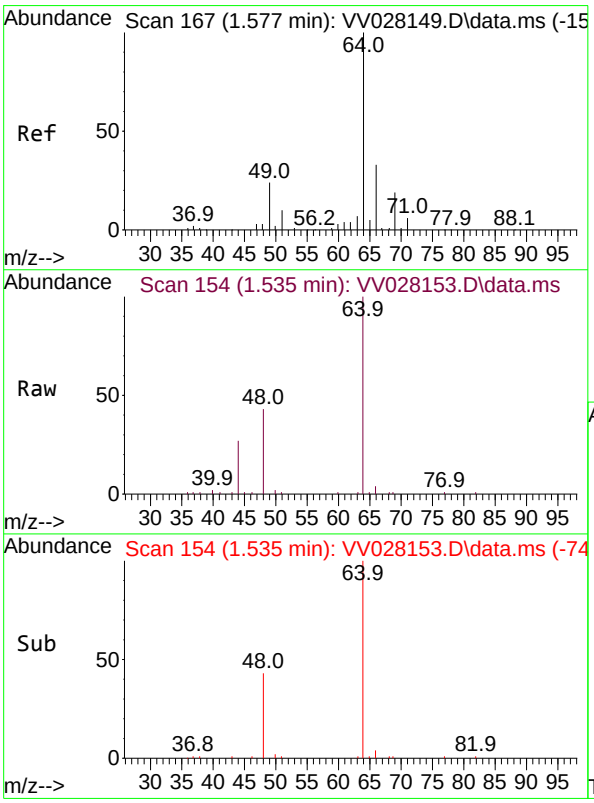
#5
Vinyl chloride
Concen: 0.065 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 62 Resp: 880

Ion	Ratio	Lower	Upper
62	100		
64	78.0	23.0	42.8#

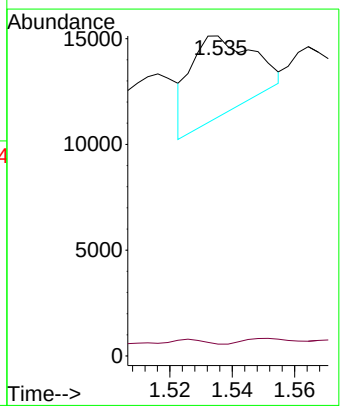


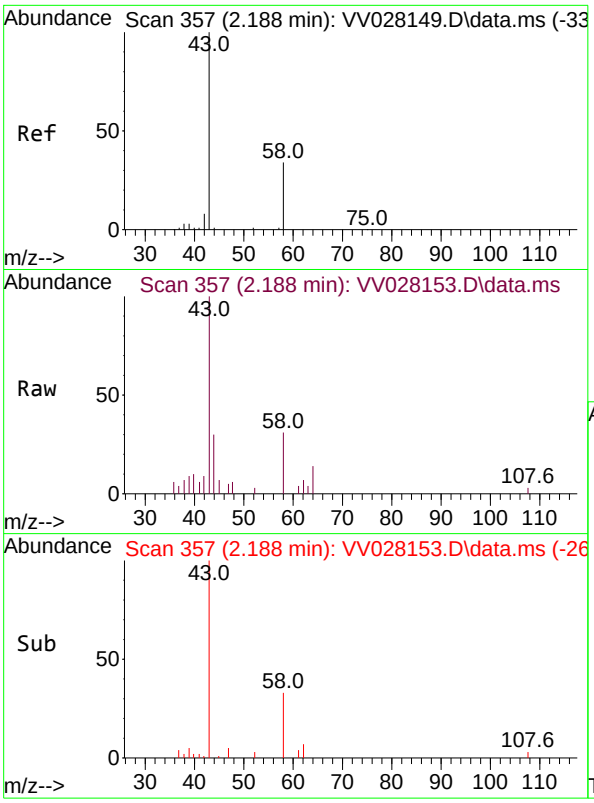


#8
Chloroethane
Concen: 0.585 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.042 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 64 Resp: 5287

Ion	Ratio	Lower	Upper
64	100		
66	3.7	23.0	42.8#



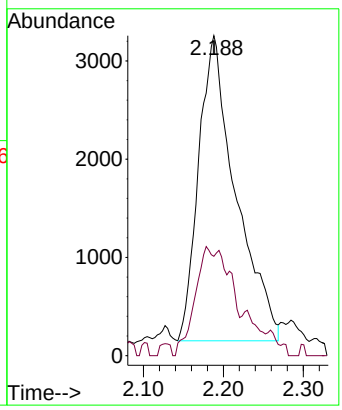


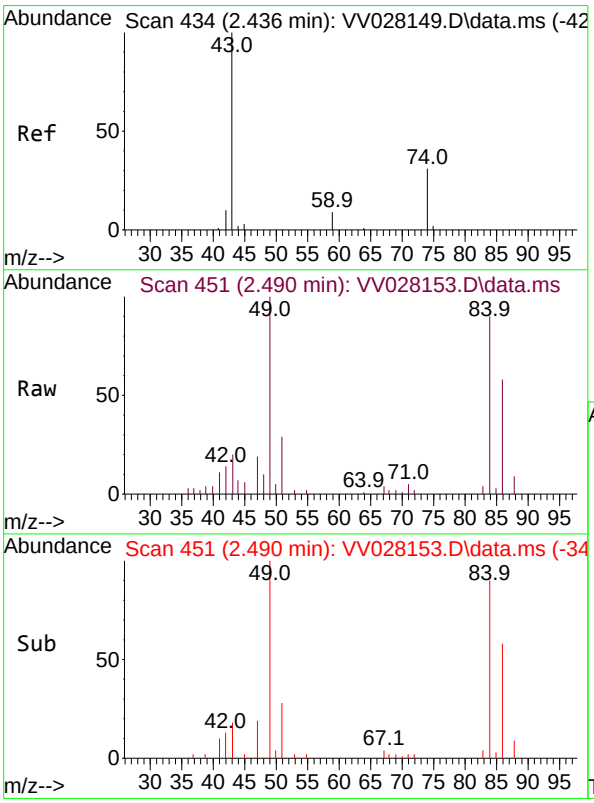
#13
Acetone
Concen: 4.281 ug/L
RT: 2.188 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 43 Resp: 10029

Ion	Ratio	Lower	Upper
43	100		
58	18.1	0.0	65.6

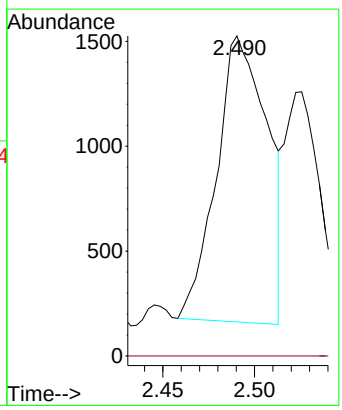


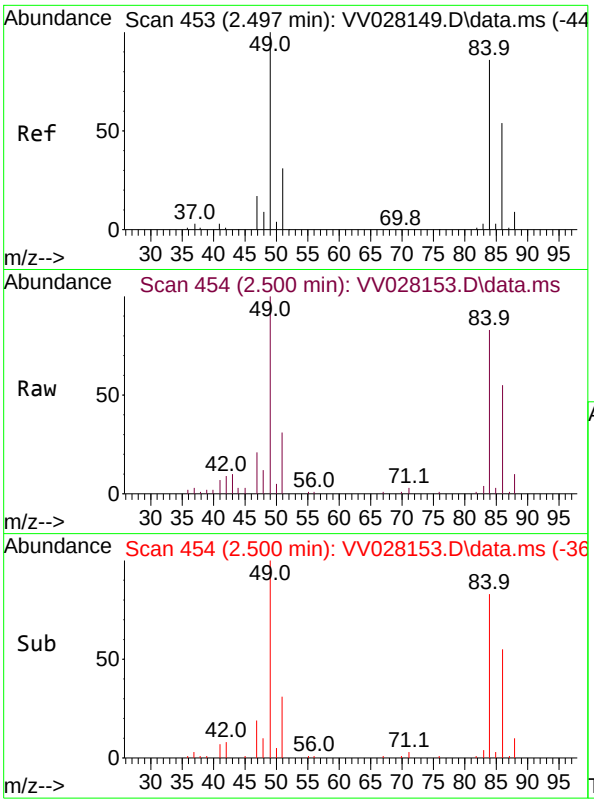


#15
Methyl Acetate
Concen: 0.579 ug/L
RT: 2.490 min Scan# 451
Delta R.T. 0.055 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 43 Resp: 2632

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#



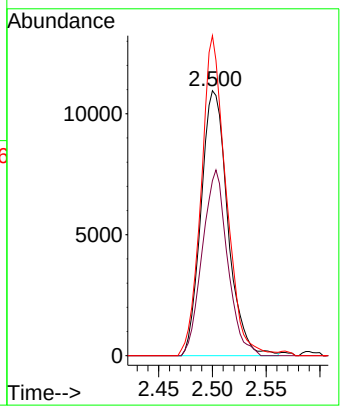


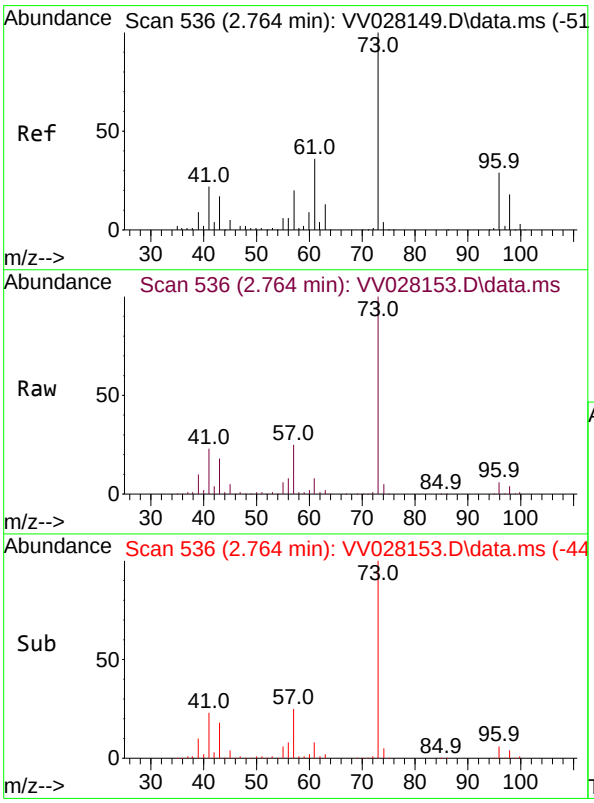
#16
Methylene chloride
Concen: 1.411 ug/L
RT: 2.500 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 84 Resp: 18913

Ion	Ratio	Lower	Upper
84	100		
86	66.0	46.8	86.8
49	120.8	87.5	162.5

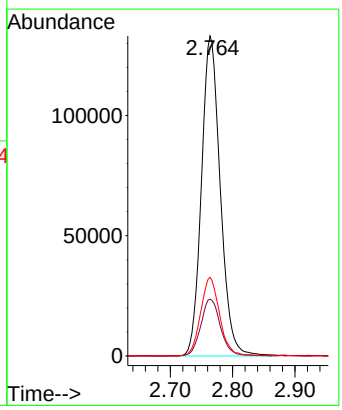


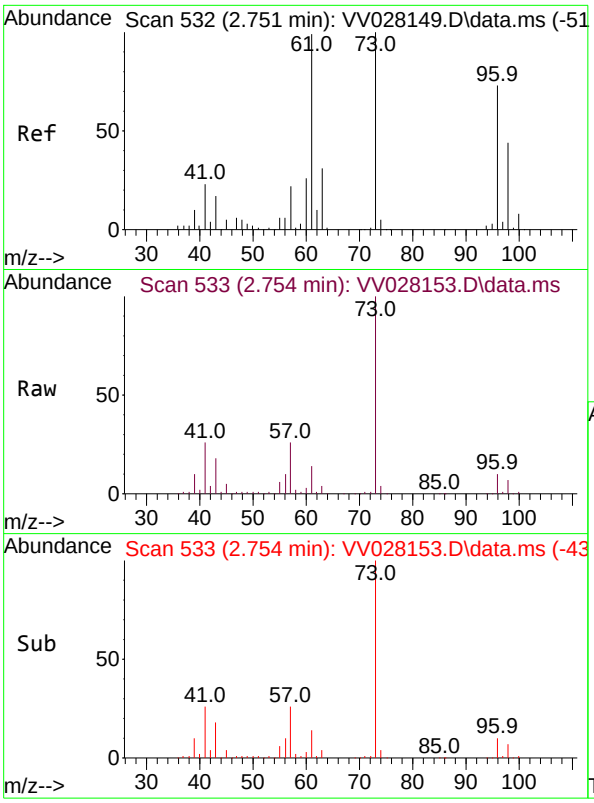


#17
Methyl tert-butyl Ether
Concen: 10.821 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 73 Resp: 279511

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.7	23.5
57	24.7	17.8	26.8



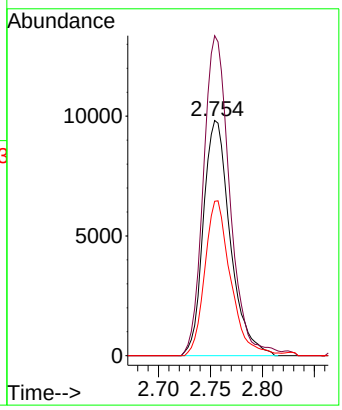


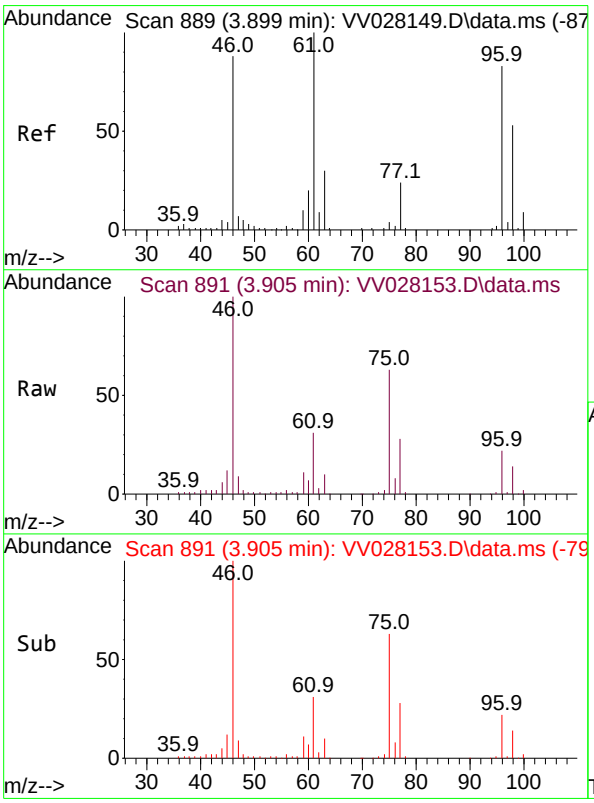
#18
trans-1,2-Dichloroethene
Concen: 1.680 ug/L
RT: 2.754 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 96 Resp: 17658

Ion	Ratio	Lower	Upper
96	100		
61	136.1	96.2	178.6
98	65.6	45.7	84.9

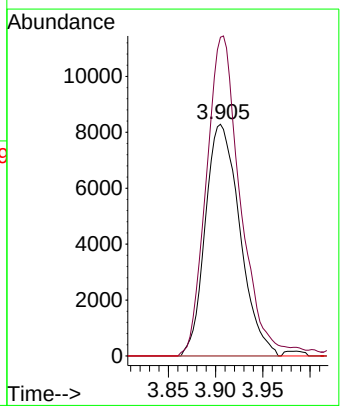


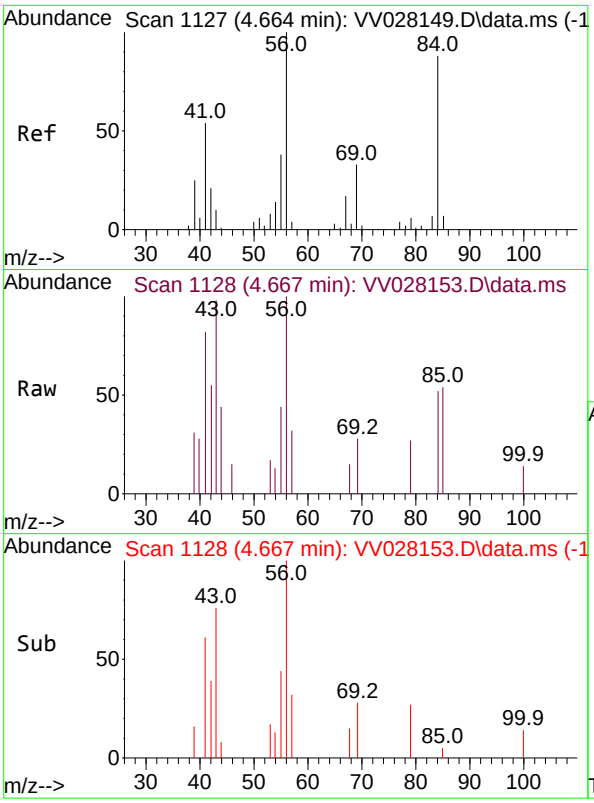


#22
cis-1,2-Dichloroethene
Concen: 1.528 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 96 Resp: 21070

Ion	Ratio	Lower	Upper
96	100		
61	137.6	87.2	161.9
68	0.0	0.0	0.0



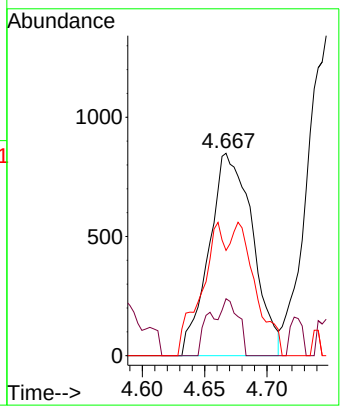


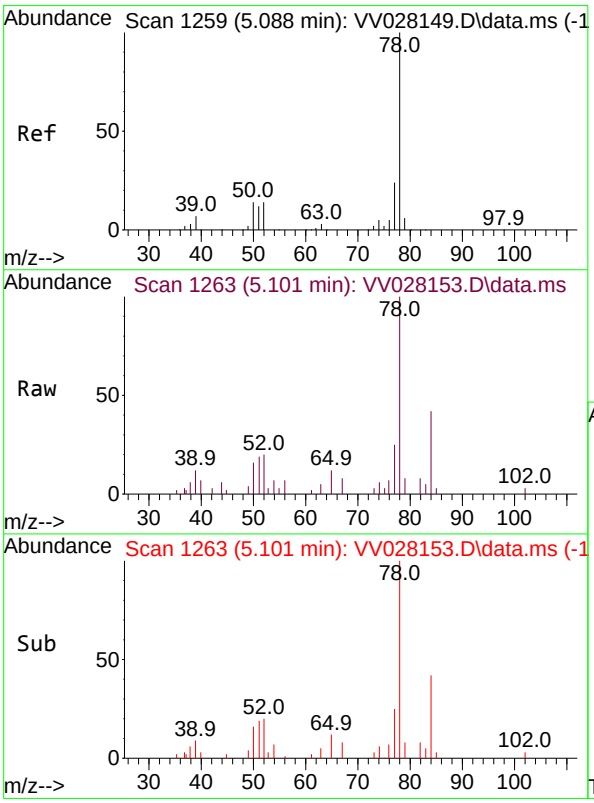
#30
Cyclohexane
Concen: 0.134 ug/L
RT: 4.667 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 56 Resp: 2066

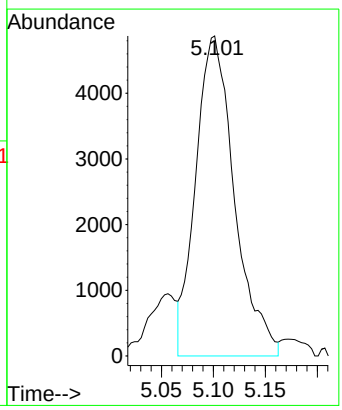
Ion	Ratio	Lower	Upper
56	100		
69	10.8	23.7	35.5#
84	39.0	67.3	100.9#

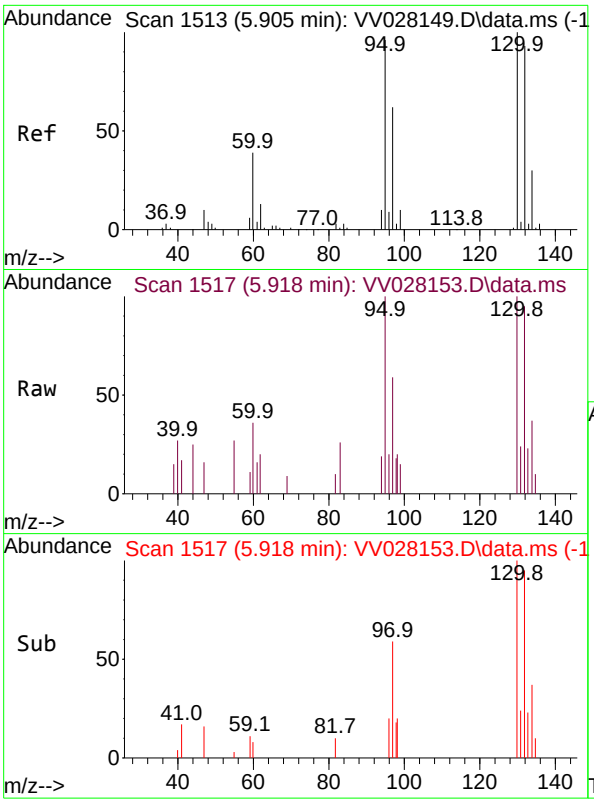




#33
Benzene
Concen: 0.262 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 78 Resp: 12645



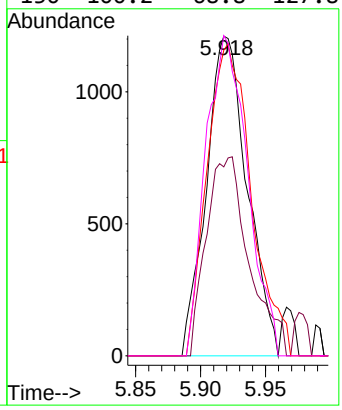


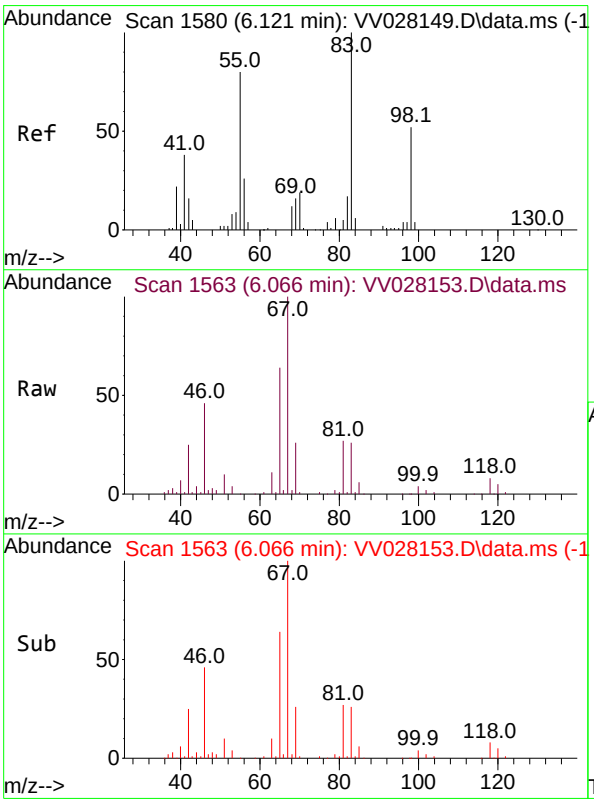
#34
Trichloroethene
Concen: 0.220 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 95 Resp: 2646

Ion	Ratio	Lower	Upper
95	100		
97	59.1	44.2	82.0
132	95.6	67.8	126.0
130	100.2	68.8	127.8

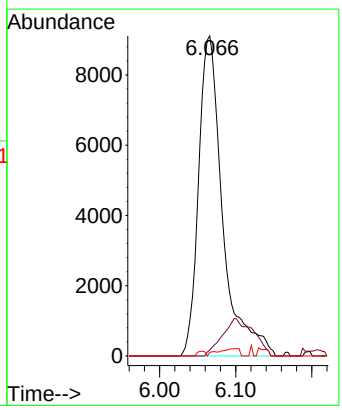


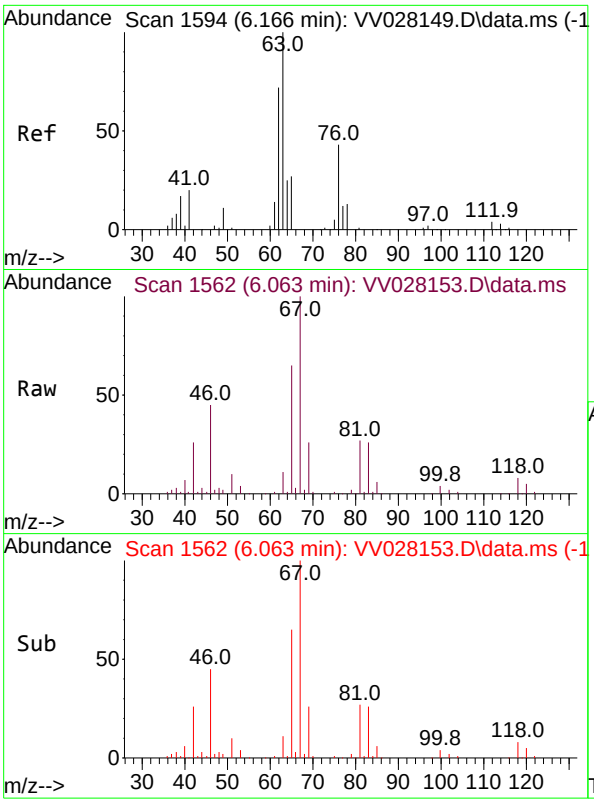


#35
Methylcyclohexane
Concen: 1.214 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 83 Resp: 20029

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.4	39.5	59.3#



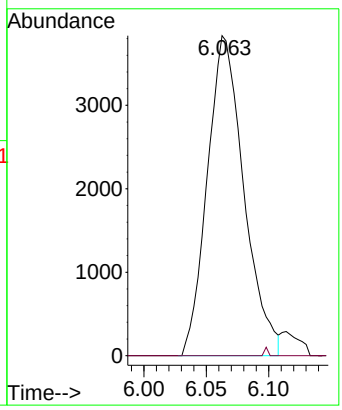


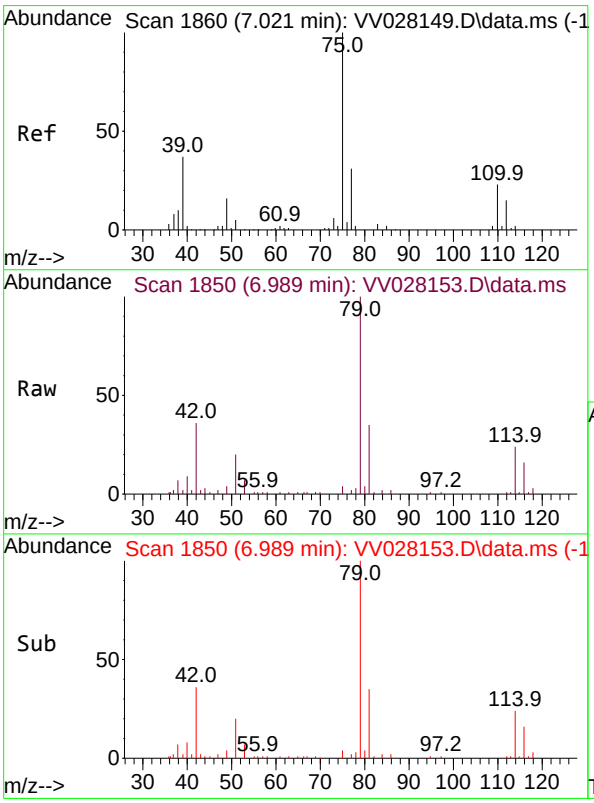
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 63 Resp: 7835

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#

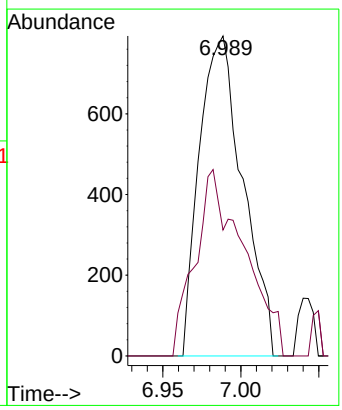


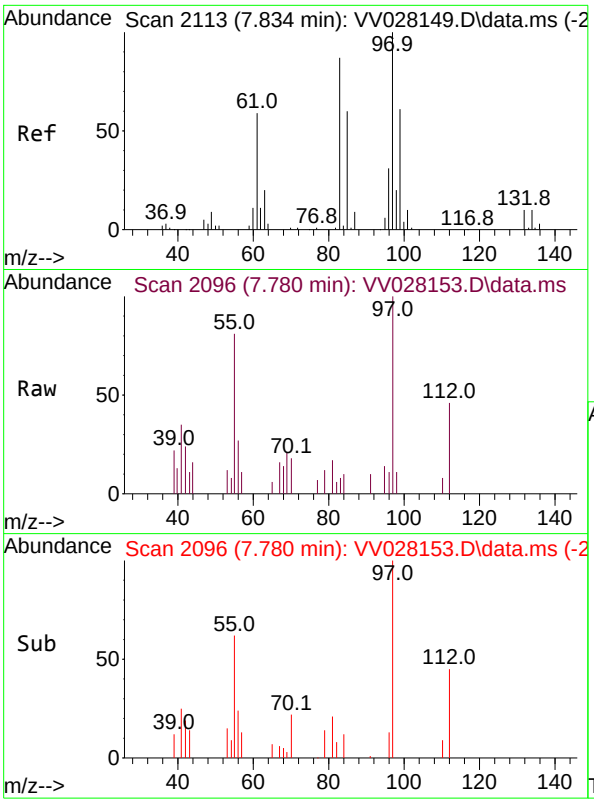


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.032 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 75 Resp: 1538

Ion	Ratio	Lower	Upper
75	100		
77	39.3	22.4	41.6



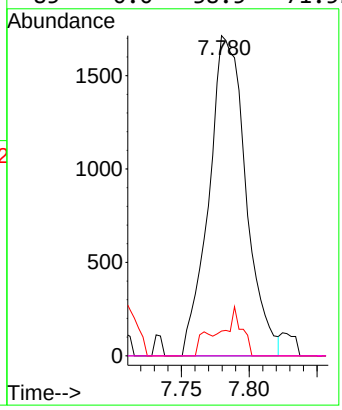


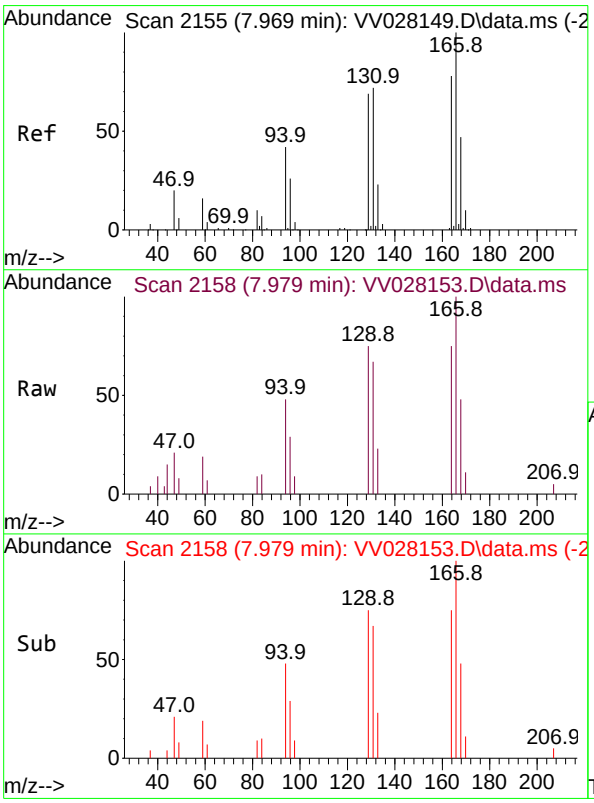
#45
1,1,2-Trichloroethane
Concen: 0.358 ug/L
RT: 7.780 min Scan# 2
Delta R.T. -0.055 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 97 Resp: 3250

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.2	80.2#
83	7.7	59.1	109.9#
85	0.0	38.5	71.5#

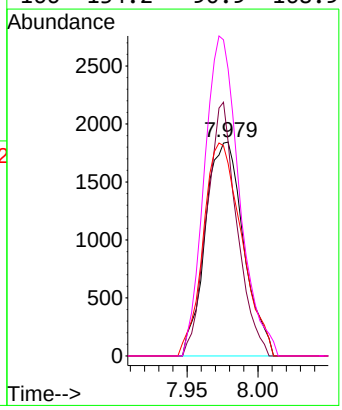


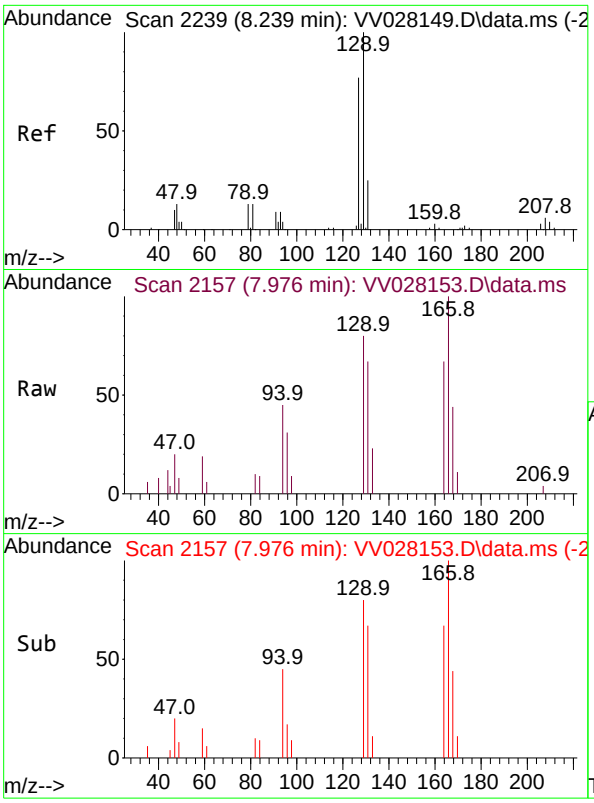


#47
Tetrachloroethene
Concen: 0.360 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion:164 Resp: 3460

Ion	Ratio	Lower	Upper
164	100		
129	100.2	66.7	123.9
131	90.0	61.7	114.5
166	134.2	90.9	168.9



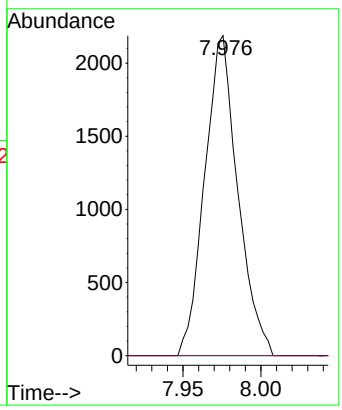


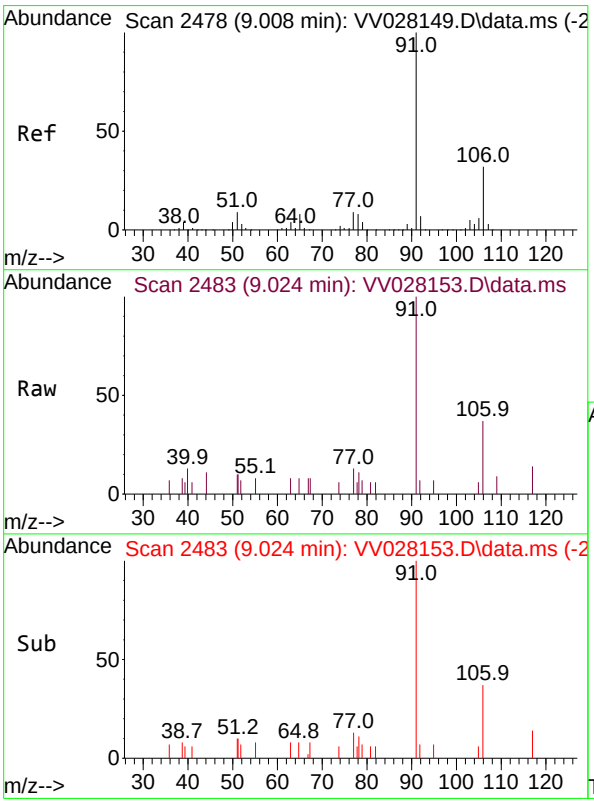
#49
Dibromochloromethane
Concen: 0.296 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.264 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion:129 Resp: 3233

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#

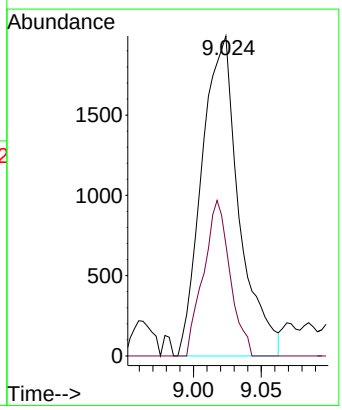


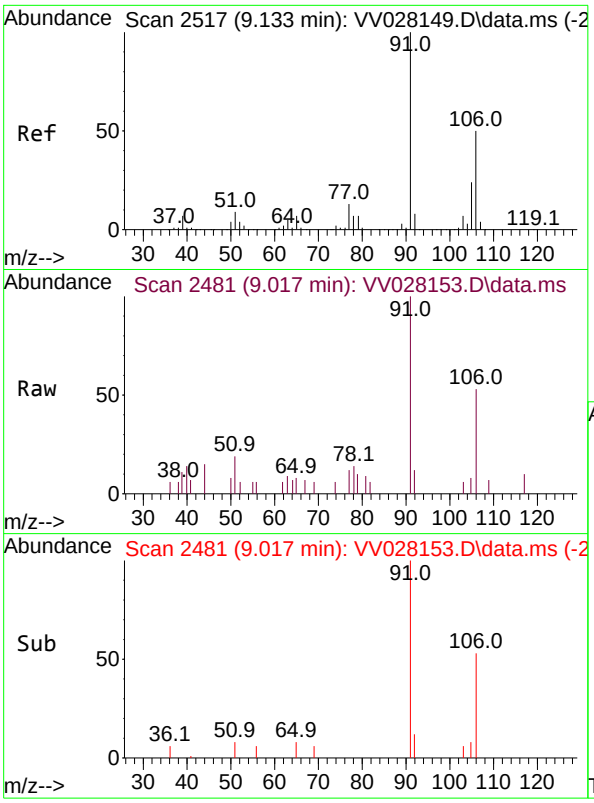


#52
Ethylbenzene
Concen: 0.071 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.016 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 91 Resp: 3796

Ion	Ratio	Lower	Upper
91	100		
106	34.8	21.5	39.9



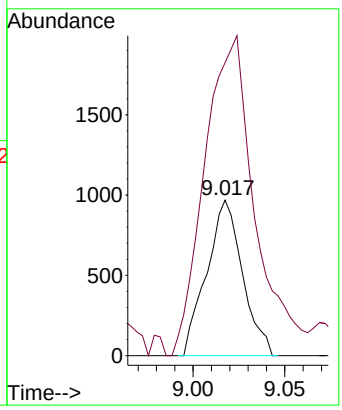


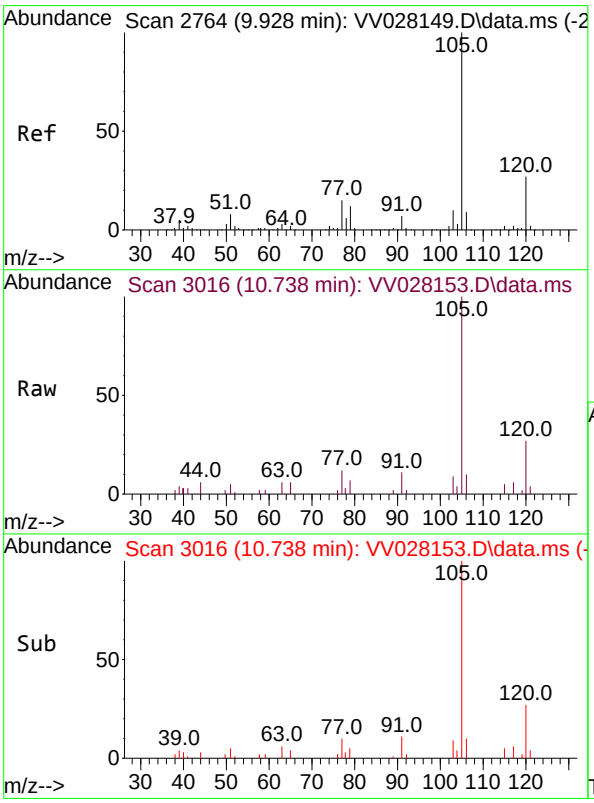
#53
m,p-Xylene
Concen: 0.064 ug/L
RT: 9.017 min Scan# 24
Delta R.T. -0.116 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion:106 Resp: 1316

Ion	Ratio	Lower	Upper
106	100		
91	188.3	141.9	263.5

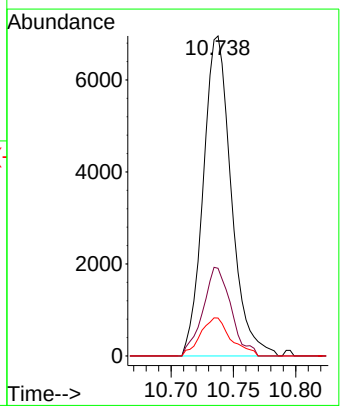


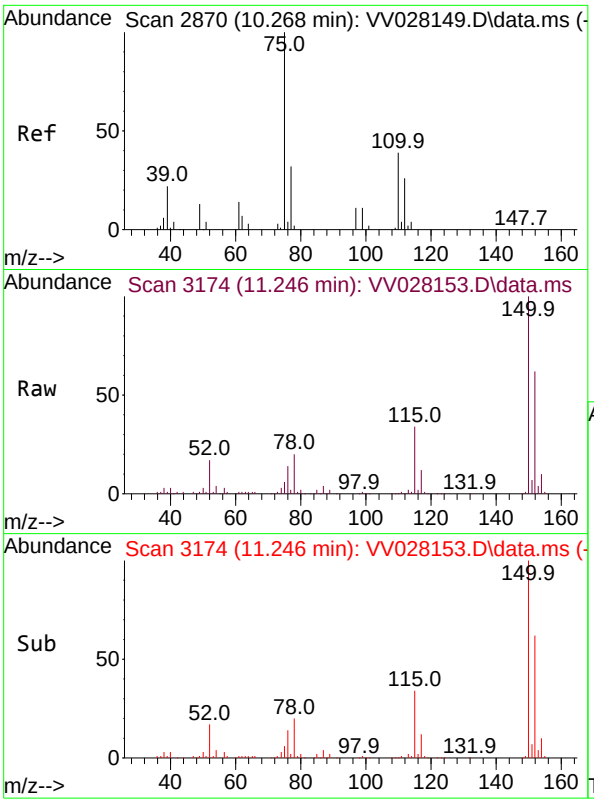


#60
Isopropylbenzene
Concen: 0.225 ug/L
RT: 10.738 min Scan# 3016
Delta R.T. 0.810 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion:105 Resp: 10859

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.4	32.0
77	12.8	12.2	18.4



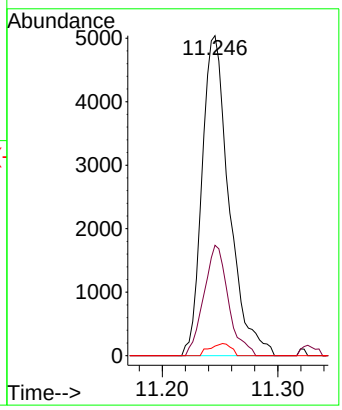


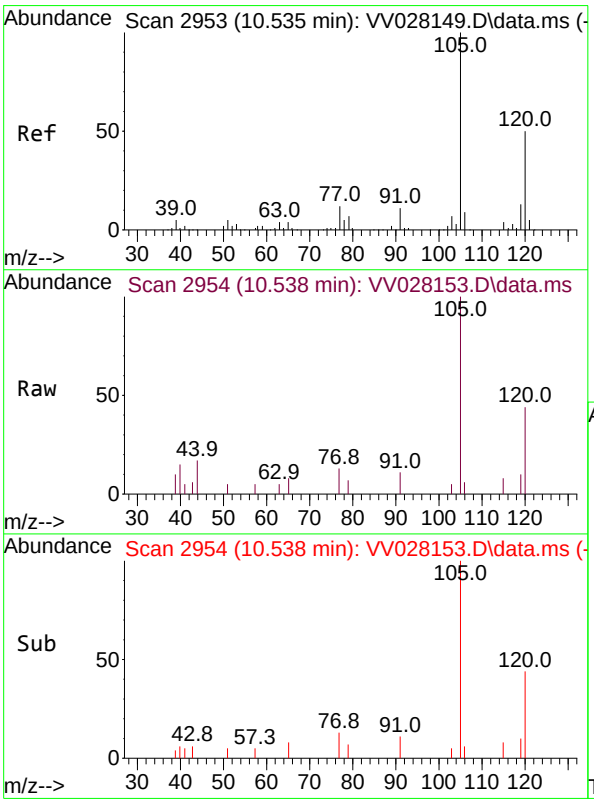
#61
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.977 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion: 75 Resp: 8187

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.7	40.1
110	3.0	30.1	45.1#

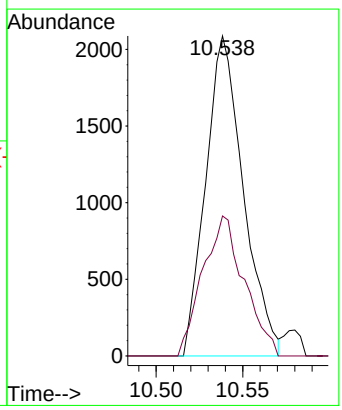


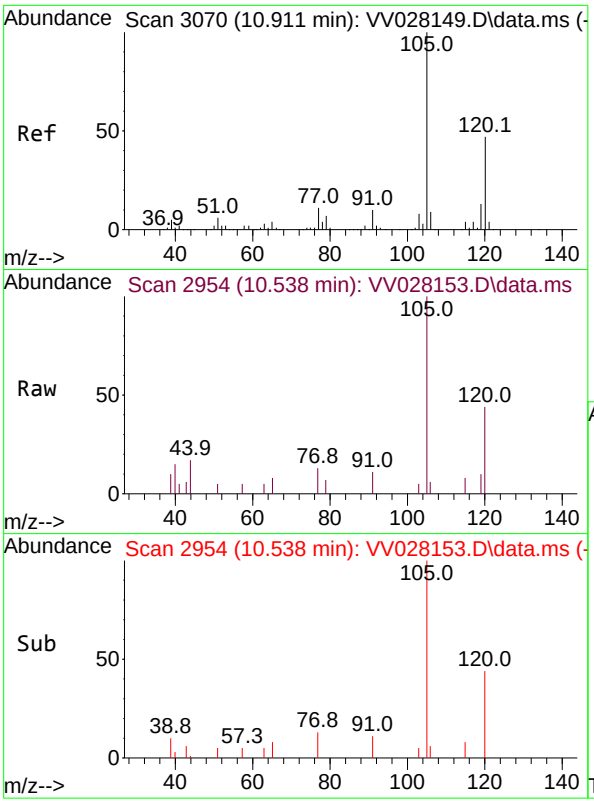


#62
1,3,5-Trimethylbenzene
Concen: 0.233 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Tgt Ion:105 Resp: 3155

Ion	Ratio	Lower	Upper
105	100		
120	48.1	40.6	61.0





#63
1,2,4-Trimethylbenzene
Concen: 0.083 ug/L
RT: 10.538 min Scan# 2
Delta R.T. -0.373 min
Lab File: VV028153.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_V
ClientSampleId :
F5H32DL

Tgt Ion:105 Resp: 3155

Ion	Ratio	Lower	Upper
105	100		
120	48.1	37.8	56.8