Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122022\
Data File : VV029754.D
Acq On : 20 Dec 2022 16:26
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Quant Time: Dec 21 00:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 21 00:15:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	477377	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	440098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	242244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140833	48.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.360%			
7) Chloroethane-d5	1.565	69	122177	54.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.620%			
11) 1,1-Dichloroethene-d2	2.108	63	257642	56.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.020%			
21) 2-Butanone-d5	3.873	46	196359	110.112	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.110%			
24) Chloroform-d	4.339	84	264918	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.320%			
26) 1,2-Dichloroethane-d4	5.021	65	157744	50.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.420%			
32) Benzene-d6	5.040	84	565340	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.240%			
36) 1,2-Dichloropropane-d6	6.060	67	177842	50.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.140%			
41) Toluene-d8	7.307	98	517243	47.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.420%			
43) trans-1,3-Dichloroprop...	7.613	79	77114	42.992	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.980%			
47) 2-Hexanone-d5	8.082	63	160184	105.605	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.600%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	260159	51.254	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.500%			
66) 1,2-Dichlorobenzene-d4	11.612	152	208363	45.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	167113	44.442	ug/L	99
3) Chloromethane	1.240	50	195511	45.604	ug/L	100
5) Vinyl chloride	1.311	62	190577	53.131	ug/L	99
6) Bromomethane	1.520	94	78978	54.721	ug/L	99
8) Chloroethane	1.581	64	121835	60.999	ug/L	100
9) Trichlorofluoromethane	1.751	101	238292	53.068	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	143487	57.507	ug/L	96
12) 1,1-Dichloroethene	2.114	96	137929	54.054	ug/L	87
13) Acetone	2.163	43	134888	116.112	ug/L	100
14) Carbon disulfide	2.291	76	394547	46.459	ug/L	99
15) Methyl Acetate	2.423	43	161448	60.999	ug/L	94
16) Methylene chloride	2.500	84	173446	54.668	ug/L	94
17) trans-1,2-Dichloroethene	2.754	96	150507	51.190	ug/L	94
18) Methyl tert-butyl Ether	2.761	73	495842	55.044	ug/L	98
19) 1,1-Dichloroethane	3.182	63	283264	56.238	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	171436	53.026	ug/L	93
22) 2-Butanone	3.954	43	217053	117.423	ug/L	93
23) Bromochloromethane	4.236	128	91222	54.795	ug/L	96
25) Chloroform	4.365	83	294465	56.392	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122022\
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Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Quant Time: Dec 21 00:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 21 00:15:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	206993	56.115	ug/L	100
29) Cyclohexane	4.671	56	239966	50.334	ug/L	96
30) 1,1,1-Trichloroethane	4.597	97	244121	50.913	ug/L	98
31) Carbon tetrachloride	4.818	117	205013	48.963	ug/L	100
33) Benzene	5.092	78	652662	52.612	ug/L	100
34) Trichloroethene	5.905	95	158684	51.048	ug/L	98
35) Methylcyclohexane	6.124	83	260744	49.387	ug/L	96
37) 1,2-Dichloropropane	6.166	63	164484	54.936	ug/L	100
38) Bromodichloromethane	6.500	83	216142	52.294	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	232952	47.308	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	443707	124.293	ug/L	95
42) Toluene	7.378	91	694665	52.027	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	220659	47.319	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	169100	54.668	ug/L	98
46) Tetrachloroethene	7.966	164	129907	51.979	ug/L	96
48) 2-Hexanone	8.133	43	332690	121.982	ug/L	95
49) Dibromochloromethane	8.236	129	178636	52.307	ug/L	98
50) 1,2-Dibromoethane	8.342	107	170488	53.499	ug/L	99
51) Chlorobenzene	8.873	112	443223	52.422	ug/L	100
52) Ethylbenzene	9.002	91	727010	51.790	ug/L	99
53) m,p-Xylene	9.127	106	291710	52.504	ug/L	99
54) o-Xylene	9.532	106	280689	51.074	ug/L	99
55) Styrene	9.551	104	510608	53.463	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	280222	56.633	ug/L	99
59) Bromoform	9.719	173	130794	48.877	ug/L	99
60) Isopropylbenzene	9.921	105	745376	52.408	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	214505	57.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	612865	48.736	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	614104	49.265	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	352962	50.756	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	357080	50.525	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	356294	50.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	54910	47.248	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	264557	47.804	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	234045	47.559	ug/L	100
71) Naphthalene	13.490	128	637838	57.141	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	242136	50.234	ug/L	100

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

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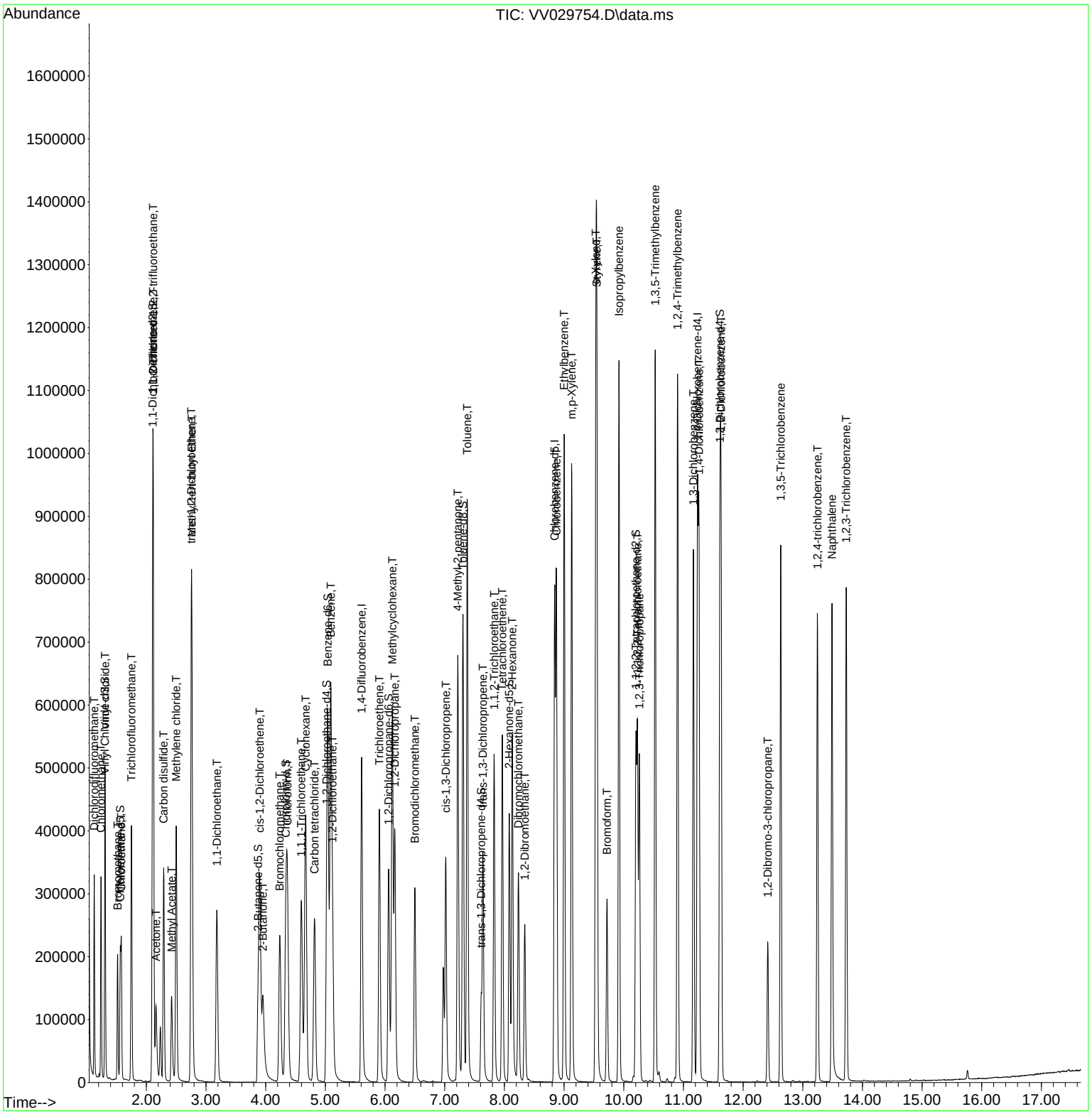
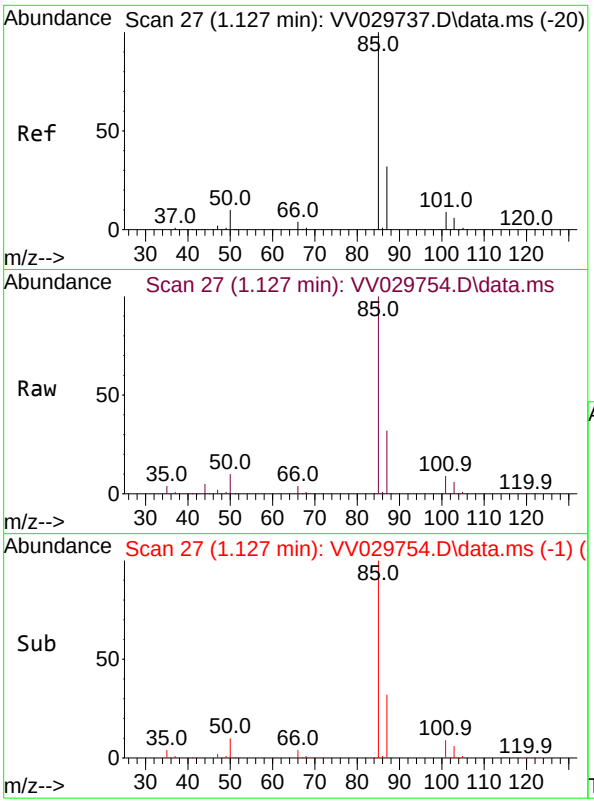
Data File : VV029754.D
Acq On : 20 Dec 2022 16:26
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Quant Time: Dec 21 00:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 21 00:15:13 2022
Response via : Initial Calibration



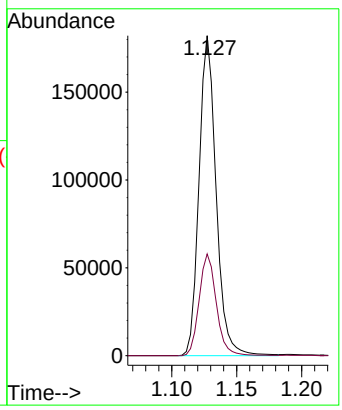


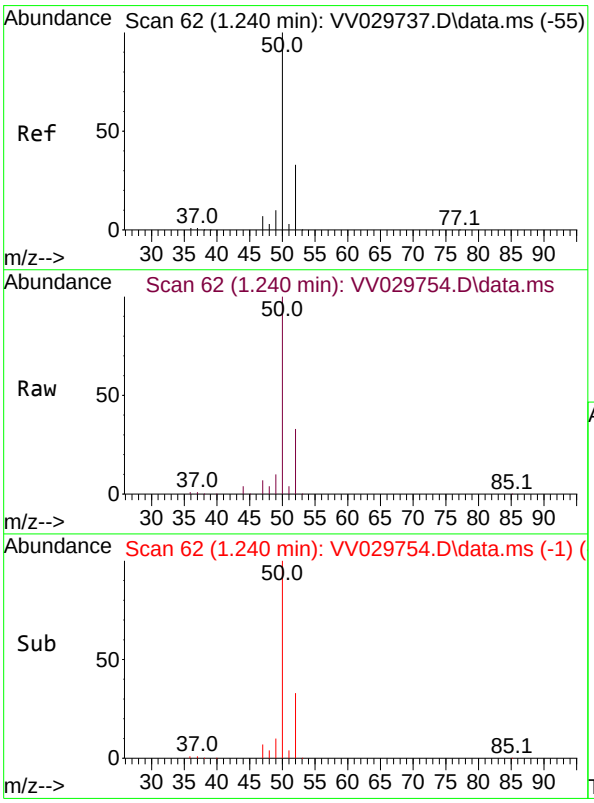
#2
Dichlorodifluoromethane
Concen: 44.442 ug/L
RT: 1.127 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 85 Resp: 167113

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.9	38.9

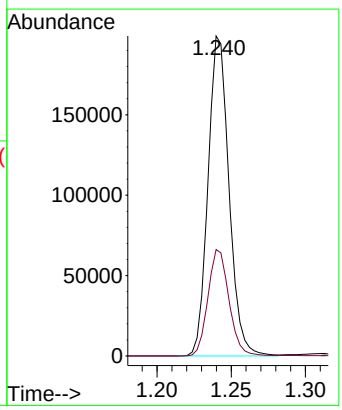


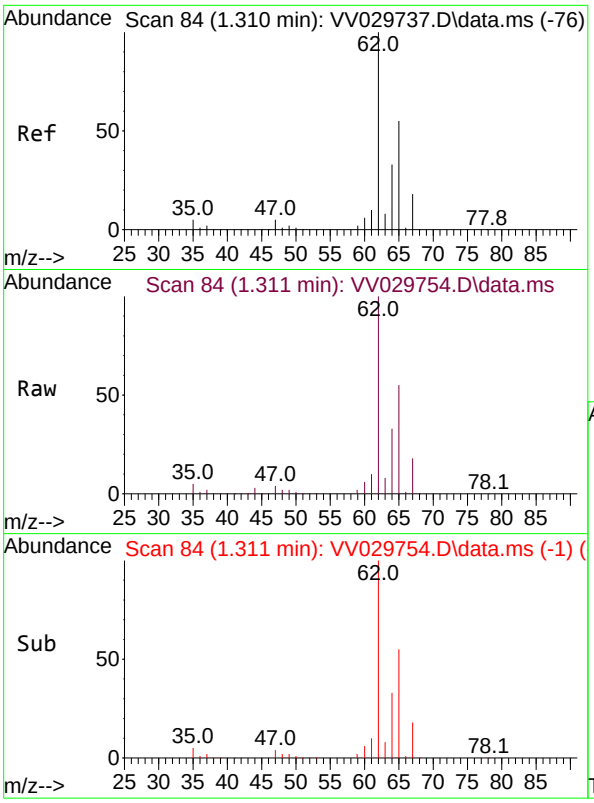


#3
Chloromethane
Concen: 45.604 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 50 Resp: 195511

Ion	Ratio	Lower	Upper
50	100		
52	33.2	23.3	43.3



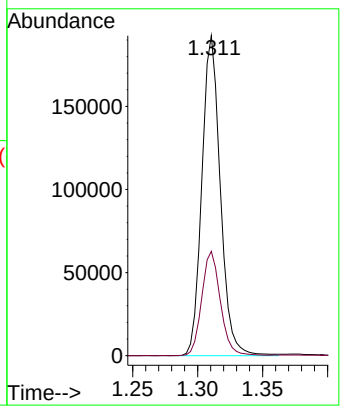


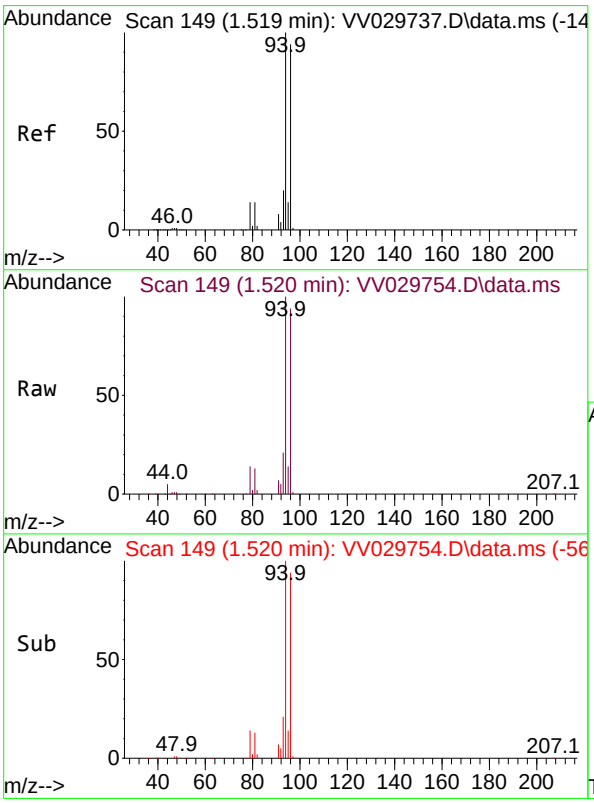
#5
Vinyl chloride
Concen: 53.131 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 62 Resp: 190577

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.5	41.9

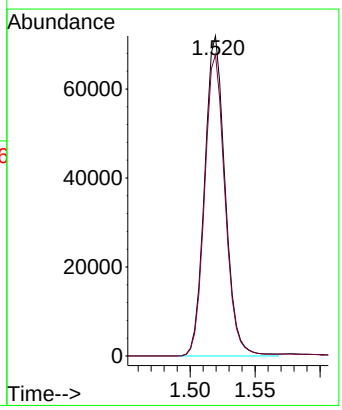


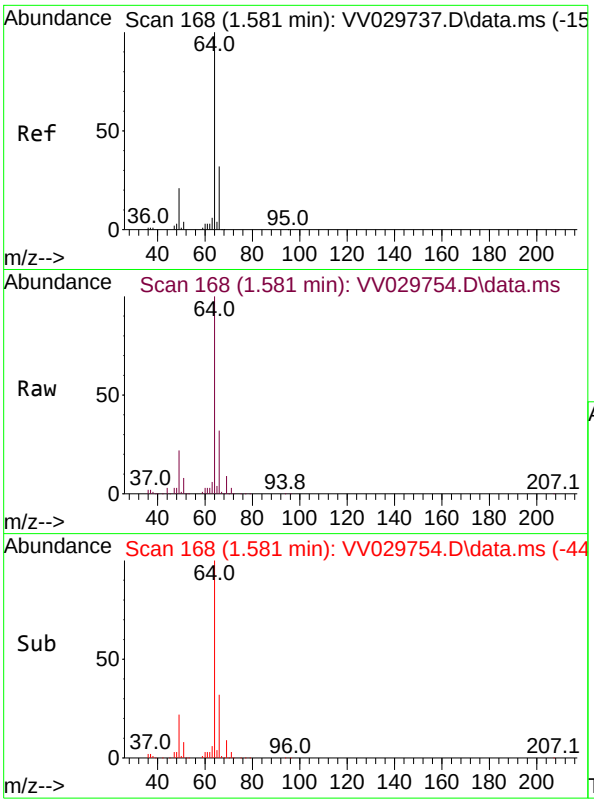


#6
Bromomethane
Concen: 54.721 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 94 Resp: 78978

Ion	Ratio	Lower	Upper
94	100		
96	94.2	65.1	120.9



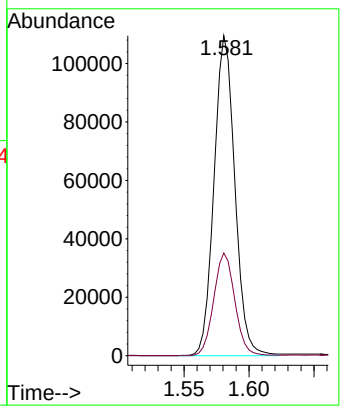


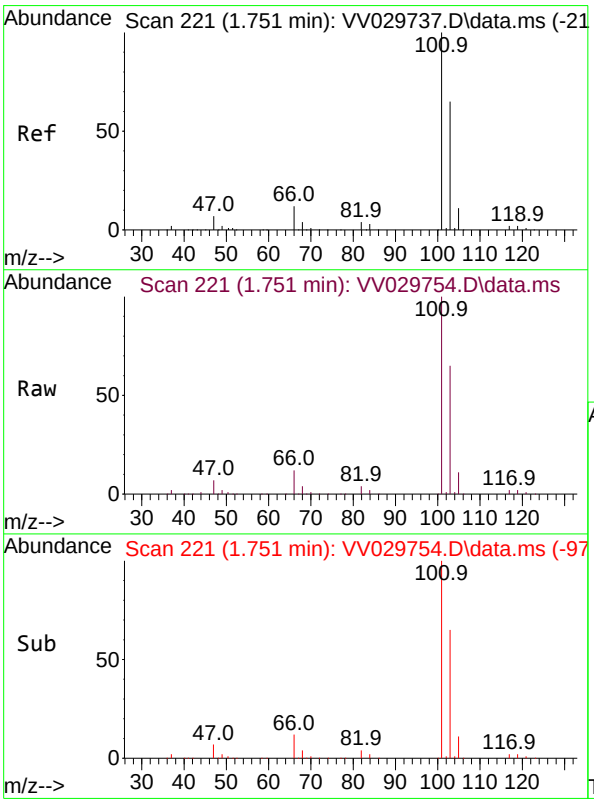
#8
Chloroethane
Concen: 60.999 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 64 Resp: 121835

Ion	Ratio	Lower	Upper
64	100		
66	32.1	22.5	41.9

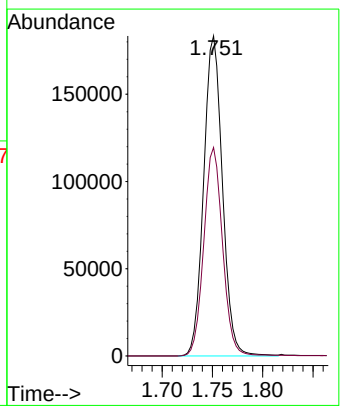


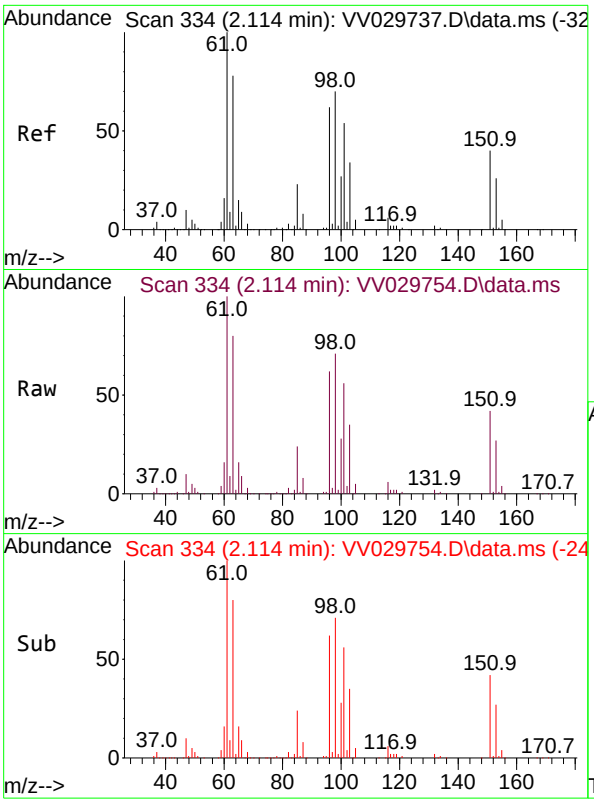


#9
Trichlorofluoromethane
Concen: 53.068 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:101 Resp: 238292

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.8



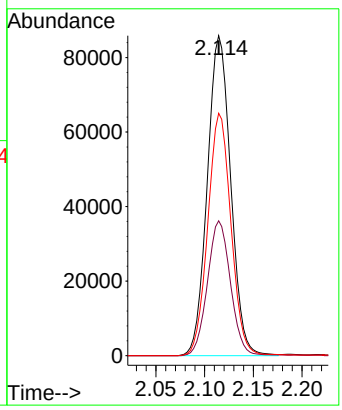


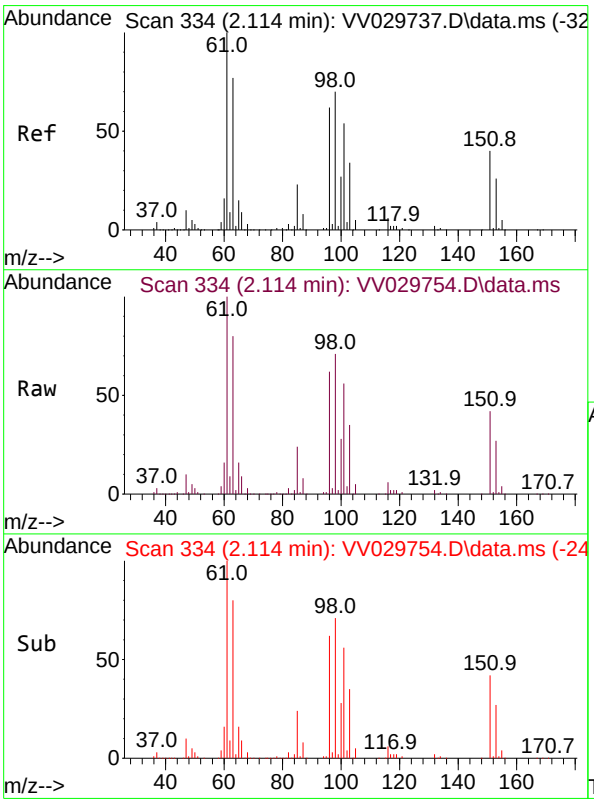
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 57.507 ug/L
RT: 2.114 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:101 Resp: 143487

Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.6	50.4
151	75.0	63.5	95.3

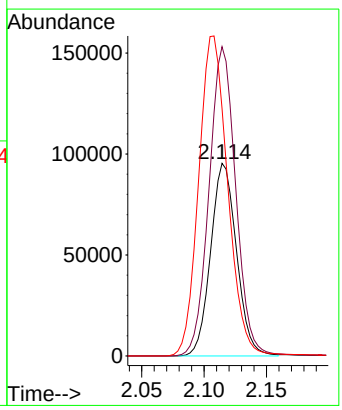


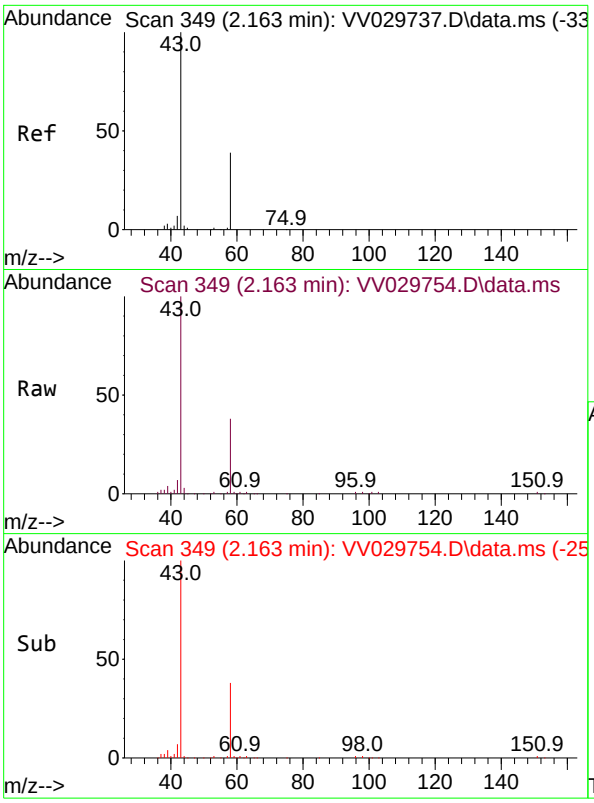


#12
1,1-Dichloroethene
Concen: 54.054 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 96 Resp: 137929

Ion	Ratio	Lower	Upper
96	100		
61	160.6	103.3	191.9
63	128.5	77.3	143.7



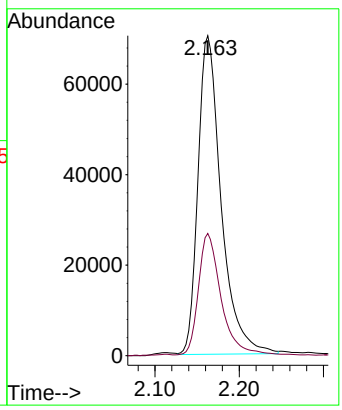


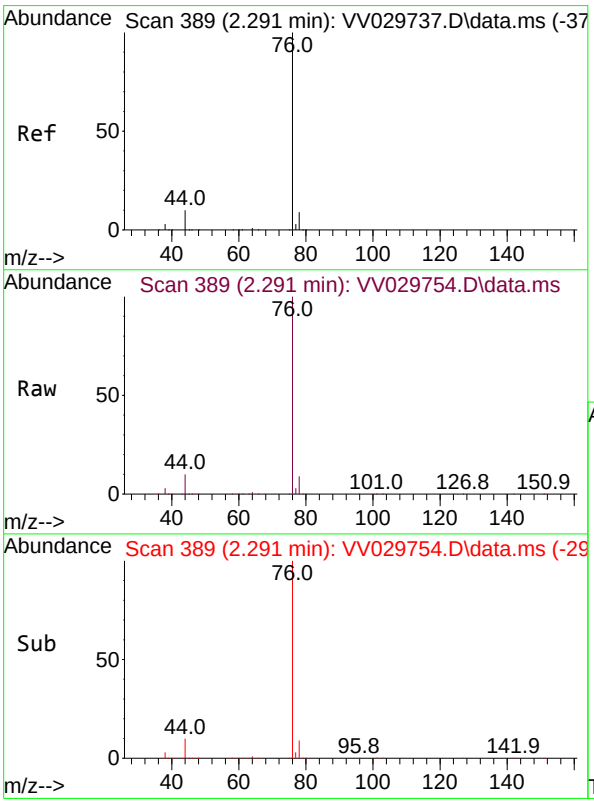
#13
Acetone
Concen: 116.112 ug/L
RT: 2.163 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 43 Resp: 134888

Ion	Ratio	Lower	Upper
43	100		
58	37.2	0.0	74.8

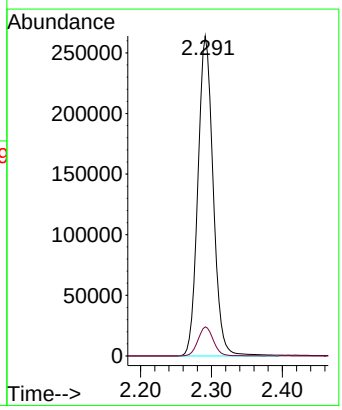


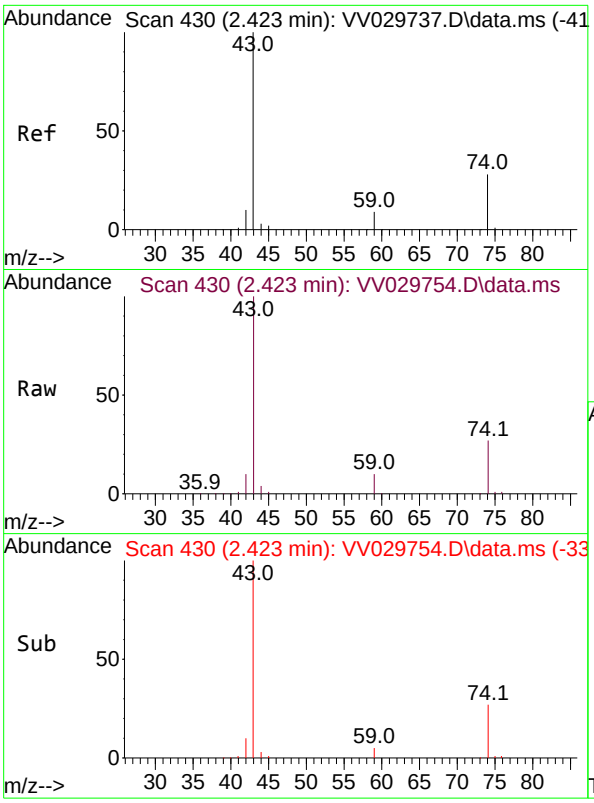


#14
Carbon disulfide
Concen: 46.459 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 76 Resp: 394547

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2



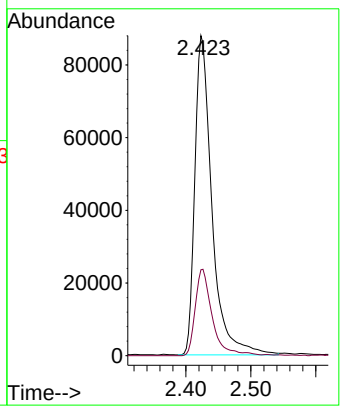


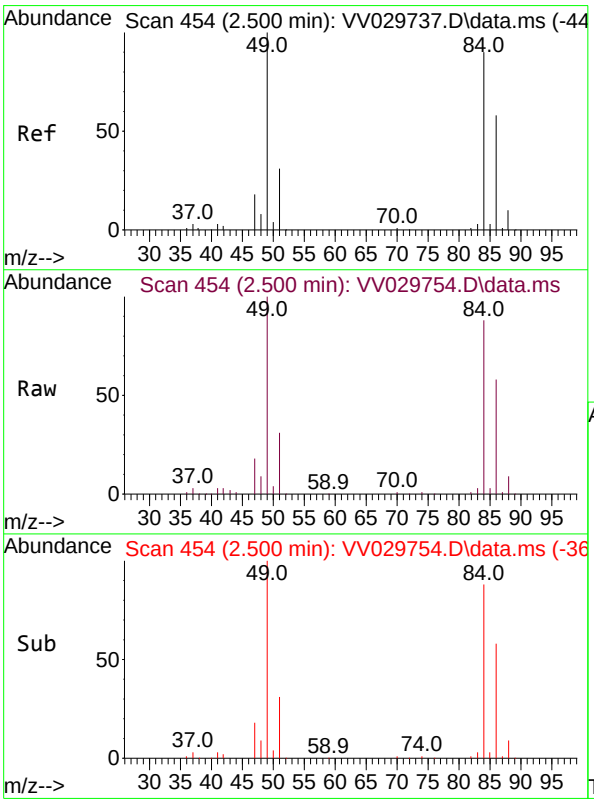
#15
Methyl Acetate
Concen: 60.999 ug/L
RT: 2.423 min Scan# 4
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 43 Resp: 161448

Ion	Ratio	Lower	Upper
43	100		
74	26.3	23.5	35.3

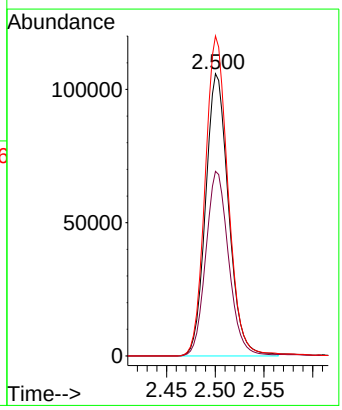


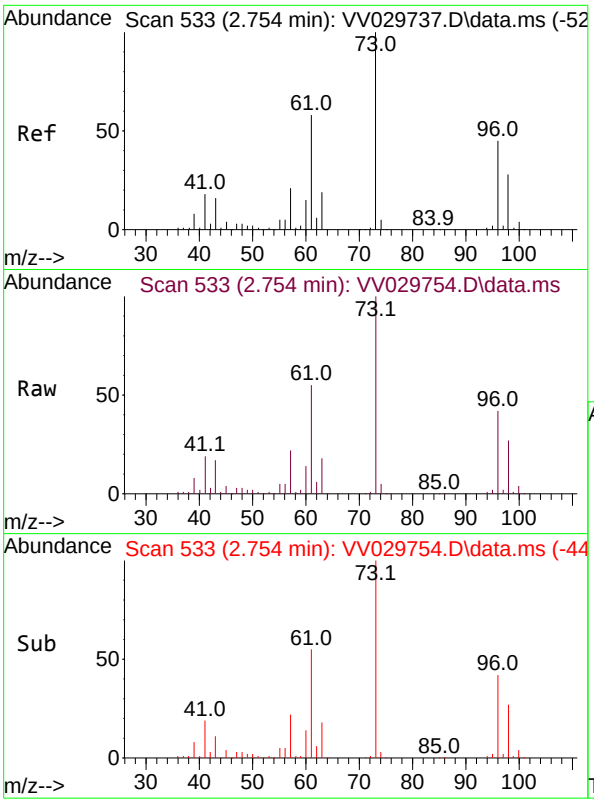


#16
Methylene chloride
Concen: 54.668 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 84 Resp: 173446

Ion	Ratio	Lower	Upper
84	100		
86	65.5	46.0	85.4
49	113.4	72.2	134.0



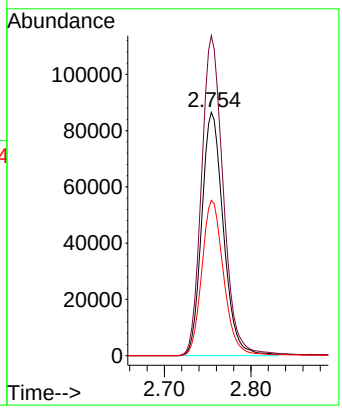


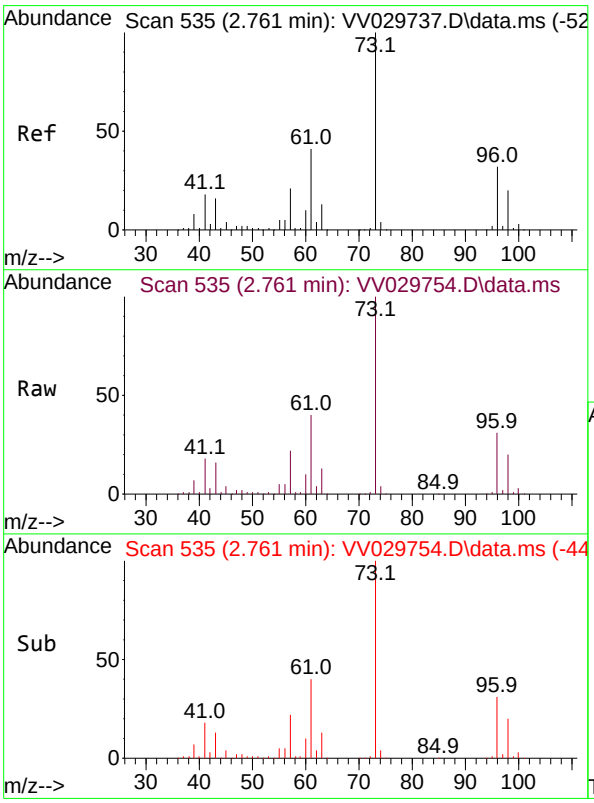
#17
trans-1,2-Dichloroethene
Concen: 51.190 ug/L
RT: 2.754 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 96 Resp: 150507

Ion	Ratio	Lower	Upper
96	100		
61	131.5	86.4	160.4
98	63.9	43.4	80.6

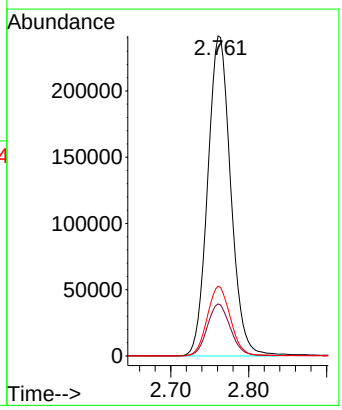


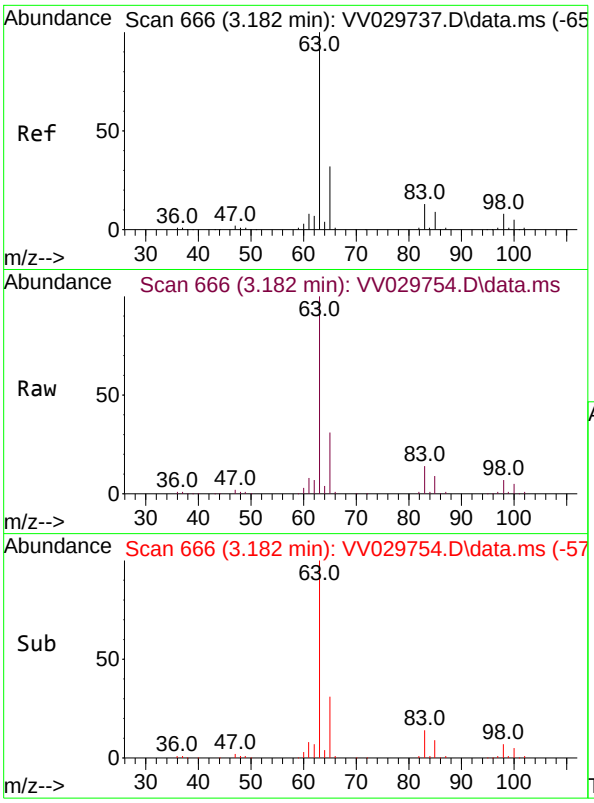


#18
Methyl tert-butyl Ether
Concen: 55.044 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 73 Resp: 495842

Ion	Ratio	Lower	Upper
73	100		
43	16.2	12.7	19.1
57	22.0	16.7	25.1



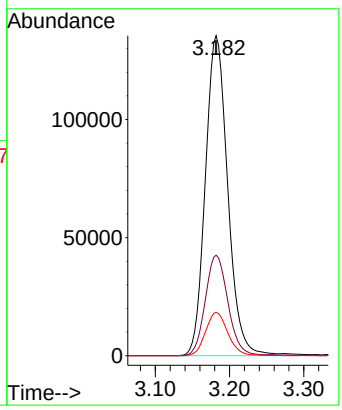


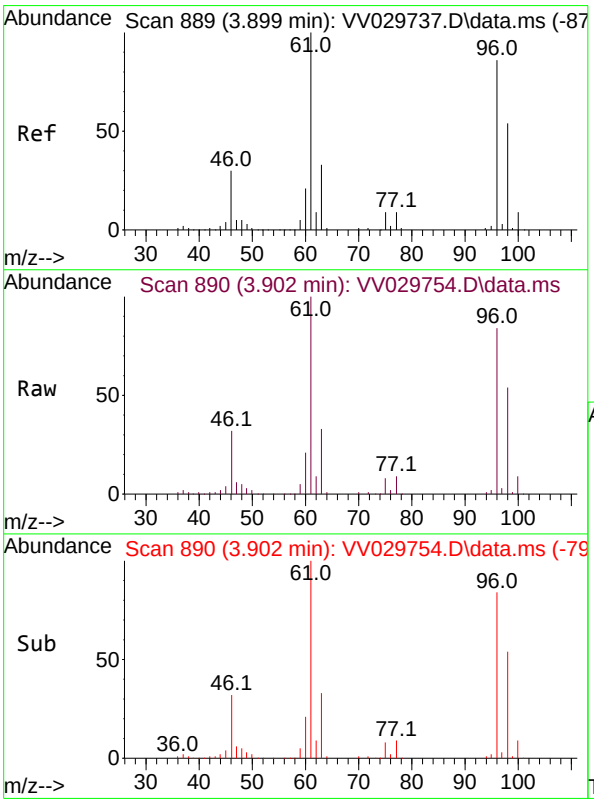
#19
1,1-Dichloroethane
Concen: 56.238 ug/L
RT: 3.182 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 63 Resp: 283264

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.5	41.7
83	13.6	10.4	19.2

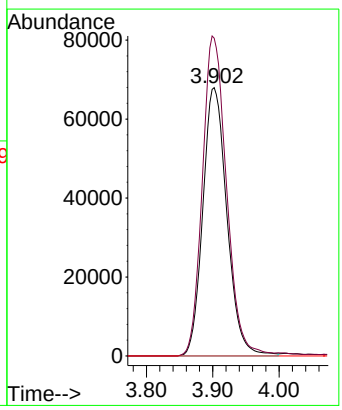


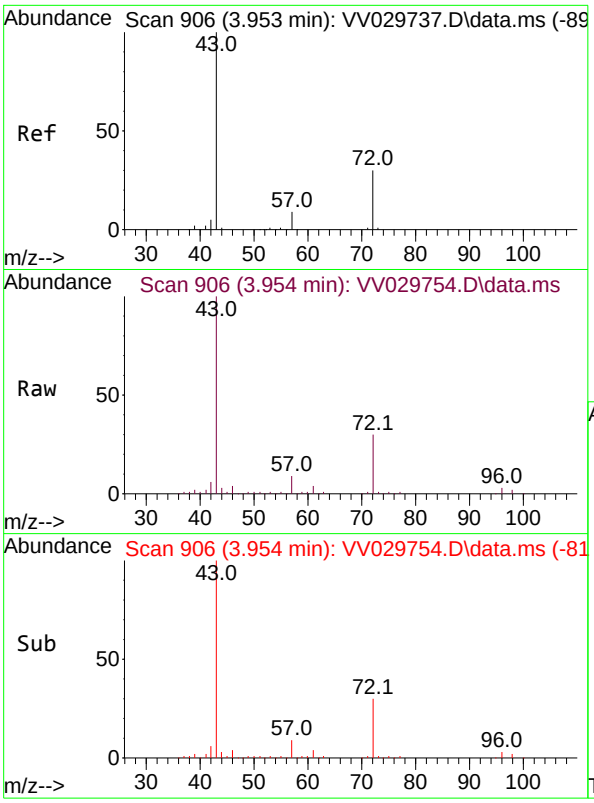


#20
cis-1,2-Dichloroethene
Concen: 53.026 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 96 Resp: 171436

Ion	Ratio	Lower	Upper
96	100		
61	118.4	78.0	144.9
68	0.0	0.0	0.0



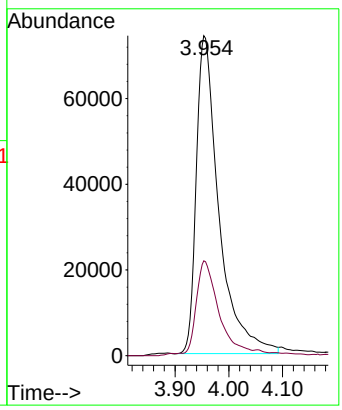


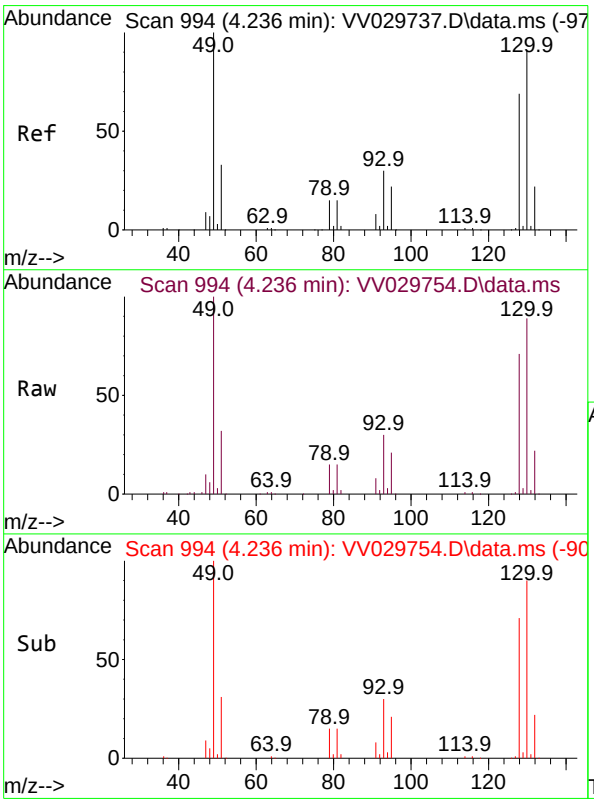
#22
2-Butanone
Concen: 117.423 ug/L
RT: 3.954 min Scan# 9
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 43 Resp: 217053

Ion	Ratio	Lower	Upper
43	100		
72	28.0	15.9	47.6

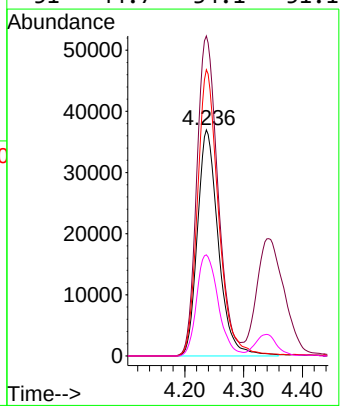


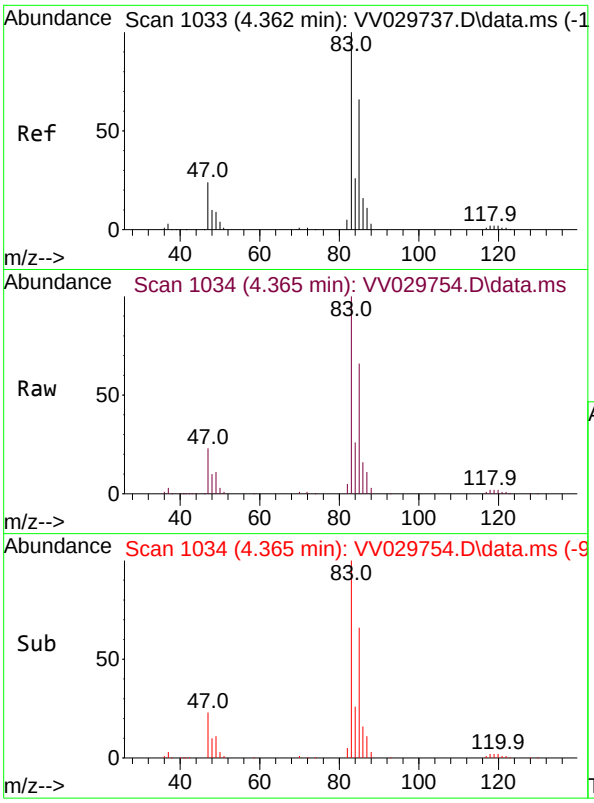


#23
Bromochloromethane
Concen: 54.795 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:128 Resp: 91222

Ion	Ratio	Lower	Upper
128	100		
49	141.5	92.2	171.2
130	126.6	88.3	164.1
51	44.7	34.1	51.1



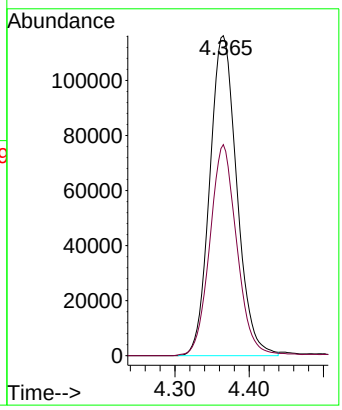


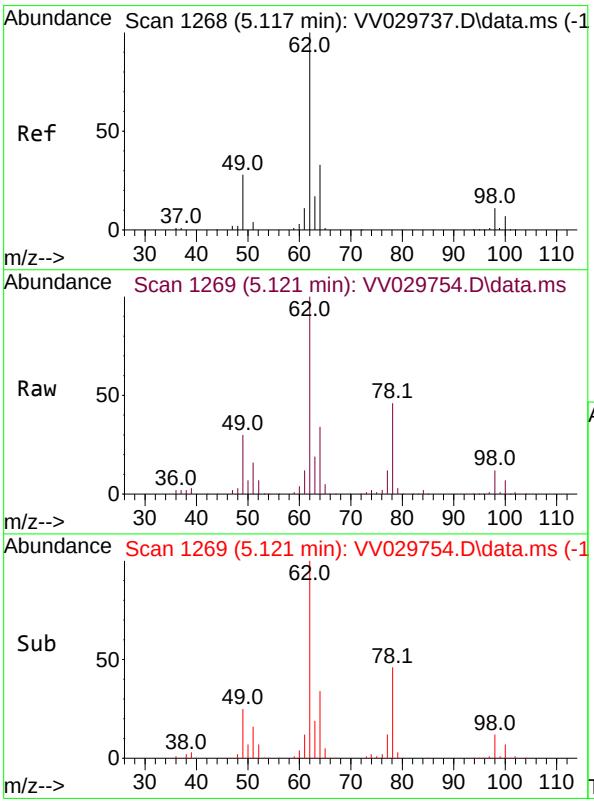
#25
Chloroform
Concen: 56.392 ug/L
RT: 4.365 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 83 Resp: 294465

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.1	83.9

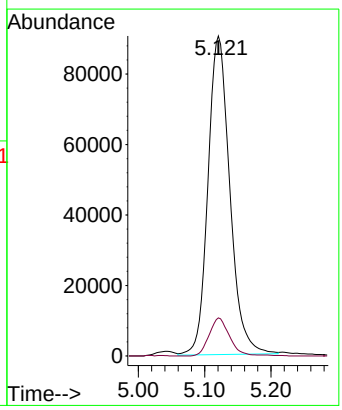


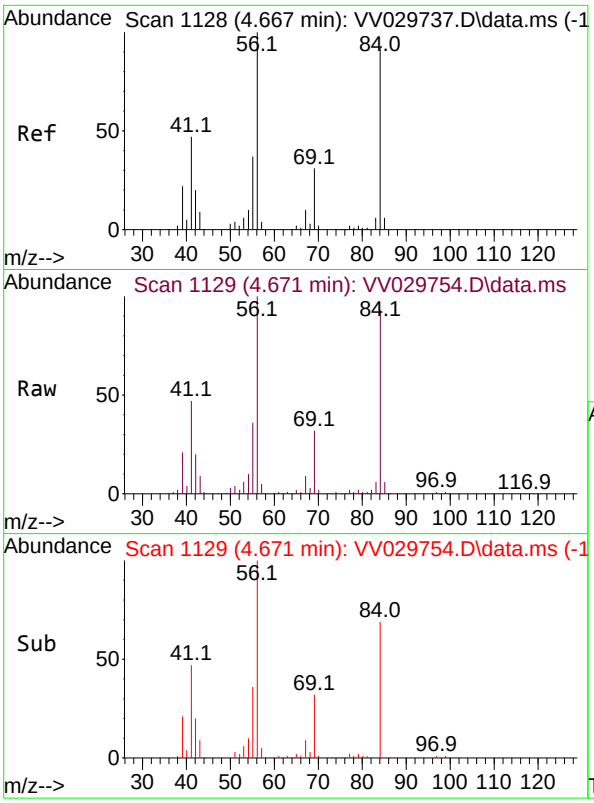


#27
1,2-Dichloroethane
Concen: 56.115 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 62 Resp: 206993

Ion	Ratio	Lower	Upper
62	100		
98	11.9	9.4	14.0



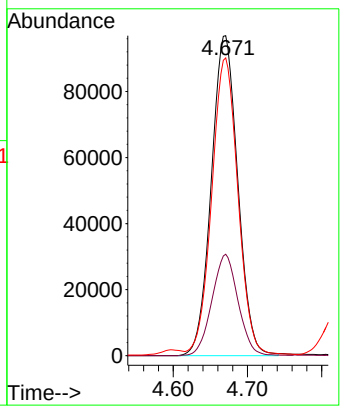


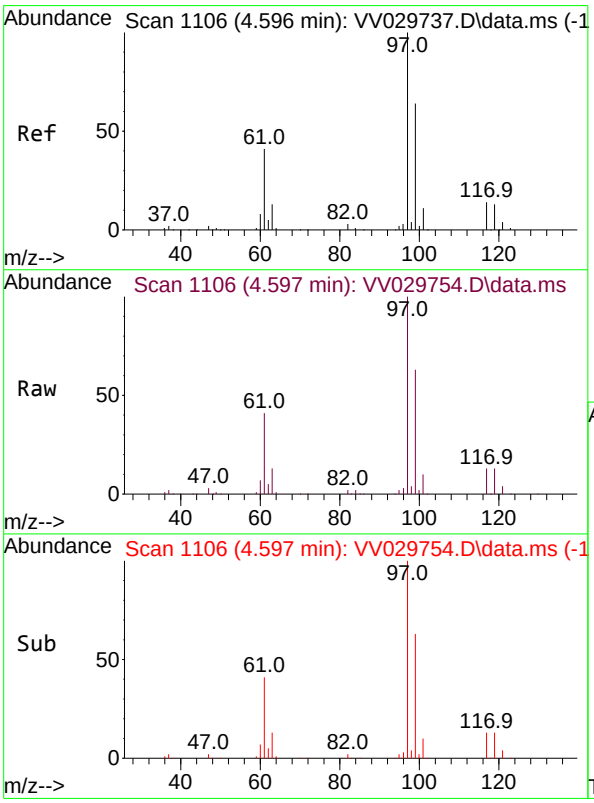
#29
Cyclohexane
Concen: 50.334 ug/L
RT: 4.671 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 56 Resp: 239966

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.8	38.8
84	91.2	76.6	114.8

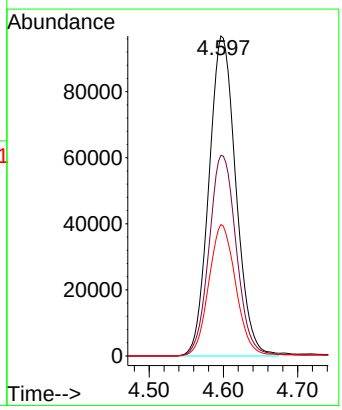


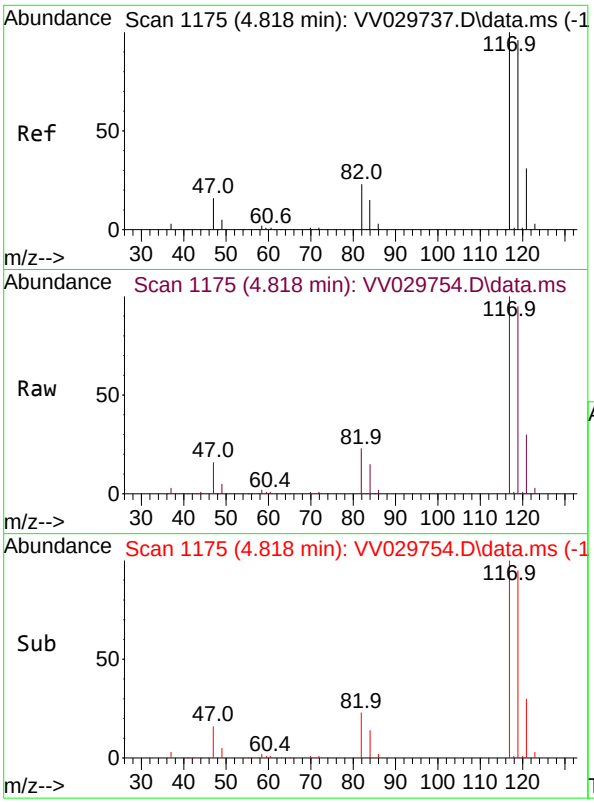


#30
1,1,1-Trichloroethane
Concen: 50.913 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 97 Resp: 244121

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.1	78.1
61	41.1	31.8	47.8



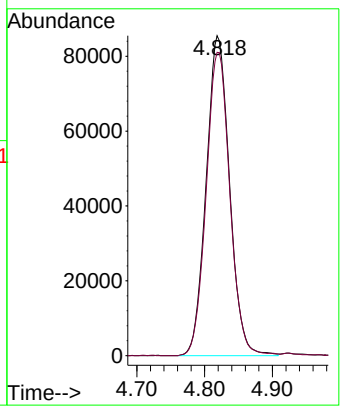


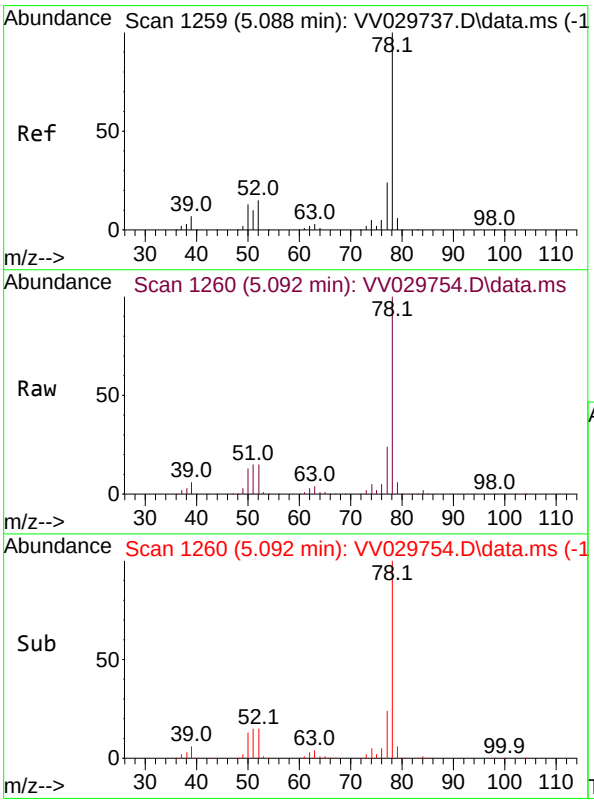
#31
Carbon tetrachloride
Concen: 48.963 ug/L
RT: 4.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:117 Resp: 205013

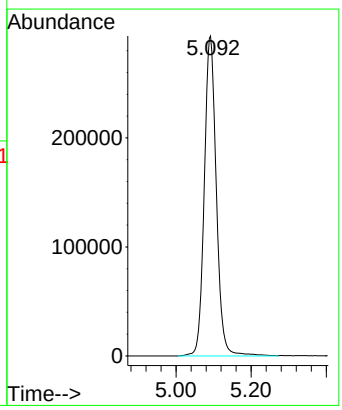
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1

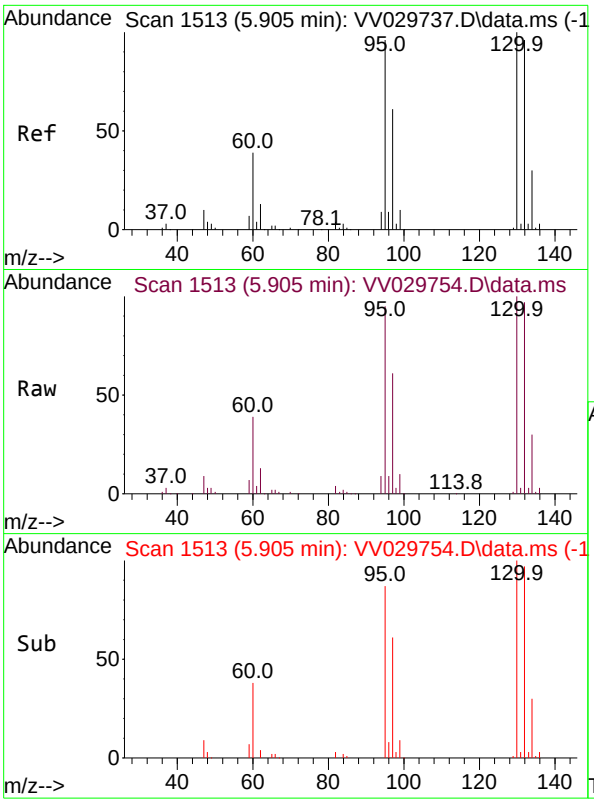




#33
Benzene
Concen: 52.612 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 78 Resp: 652662



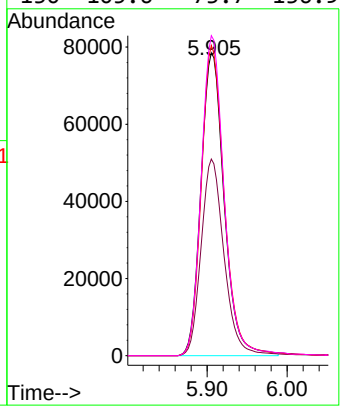


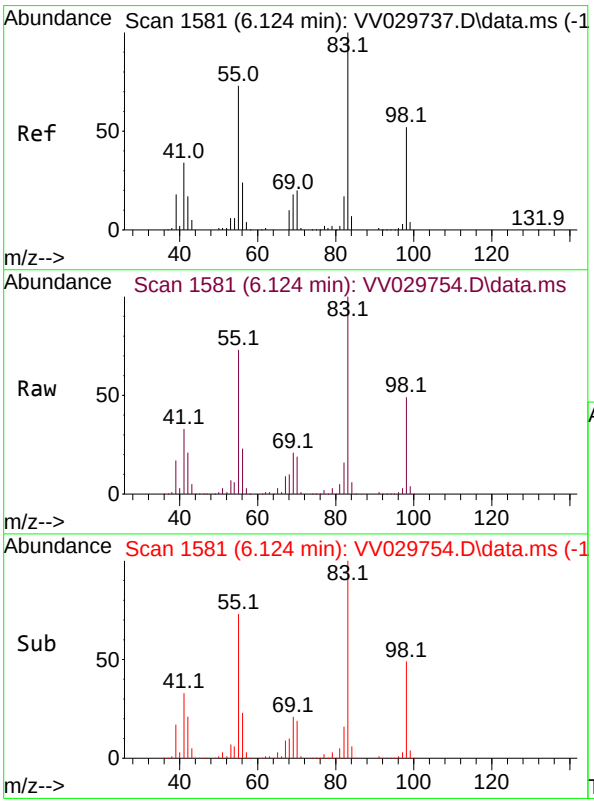
#34
Trichloroethene
Concen: 51.048 ug/L
RT: 5.905 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 95 Resp: 158684

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.0	81.8
132	102.4	69.9	129.9
130	105.6	73.7	136.9

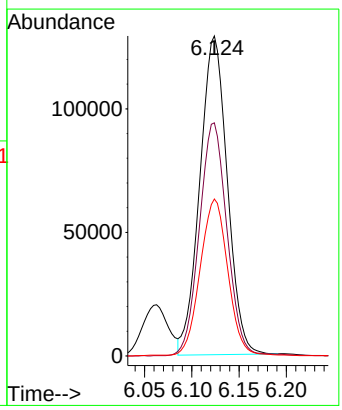


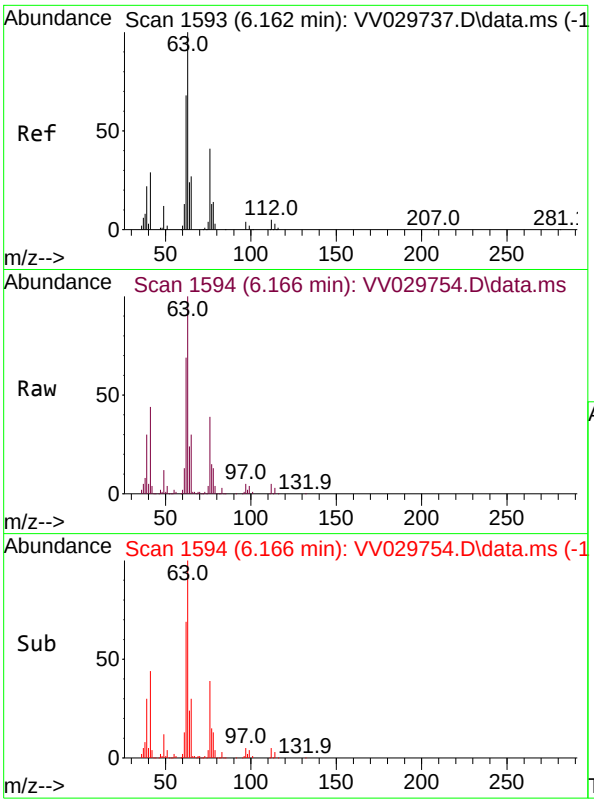


#35
Methylcyclohexane
Concen: 49.387 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 83 Resp: 260744

Ion	Ratio	Lower	Upper
83	100		
55	74.0	55.5	83.3
98	49.3	39.8	59.8



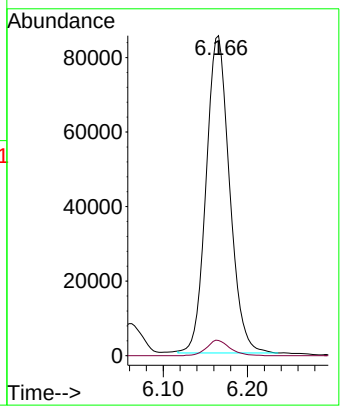


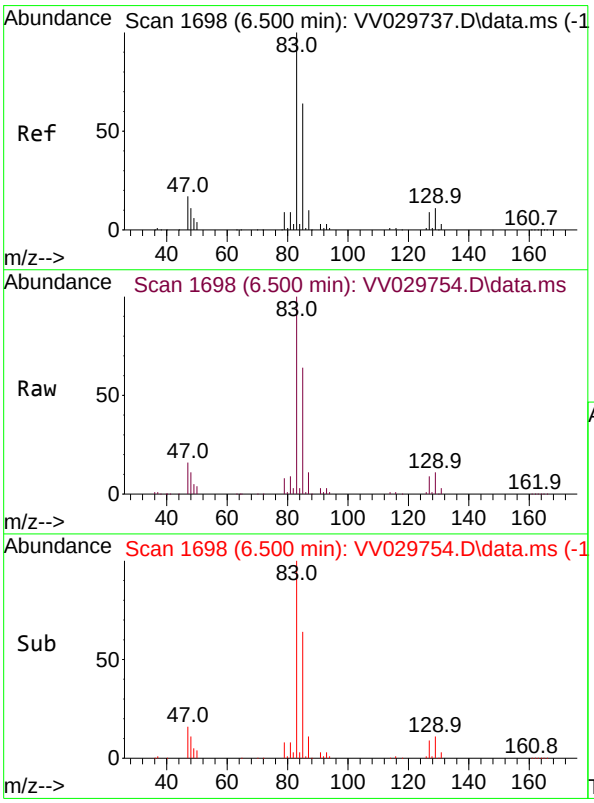
#37
1,2-Dichloropropane
Concen: 54.936 ug/L
RT: 6.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 63 Resp: 164484

Ion	Ratio	Lower	Upper
63	100		
112	4.9	3.9	5.9

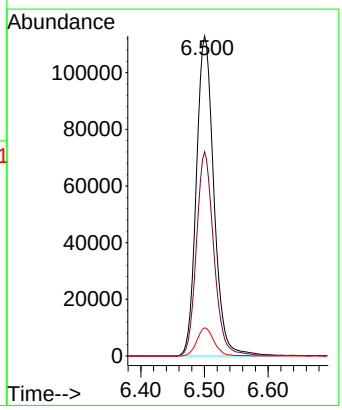


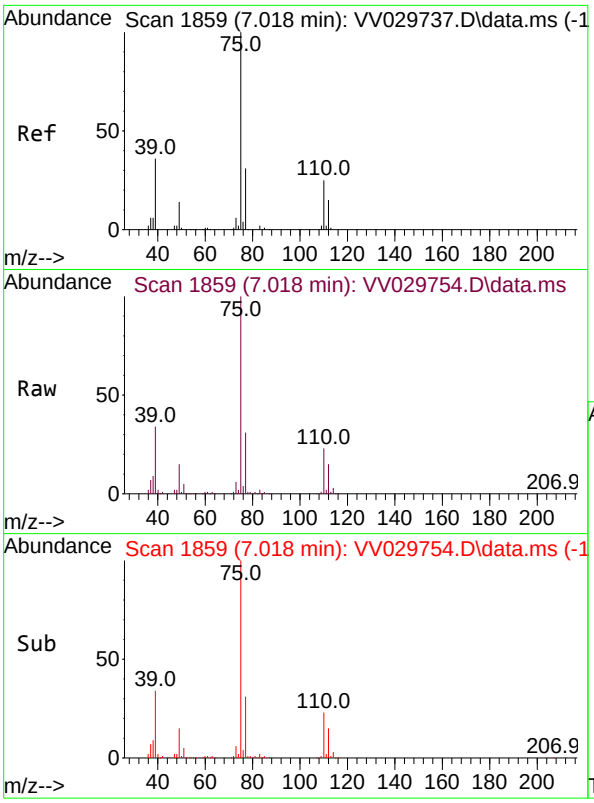


#38
Bromodichloromethane
Concen: 52.294 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 83 Resp: 216142

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.3	84.1
127	8.8	7.0	10.6



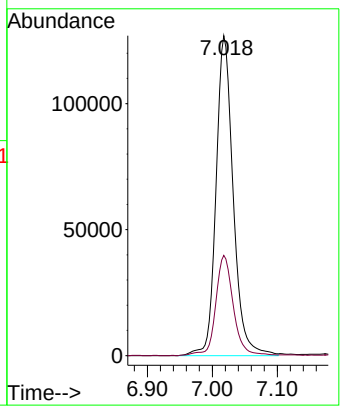


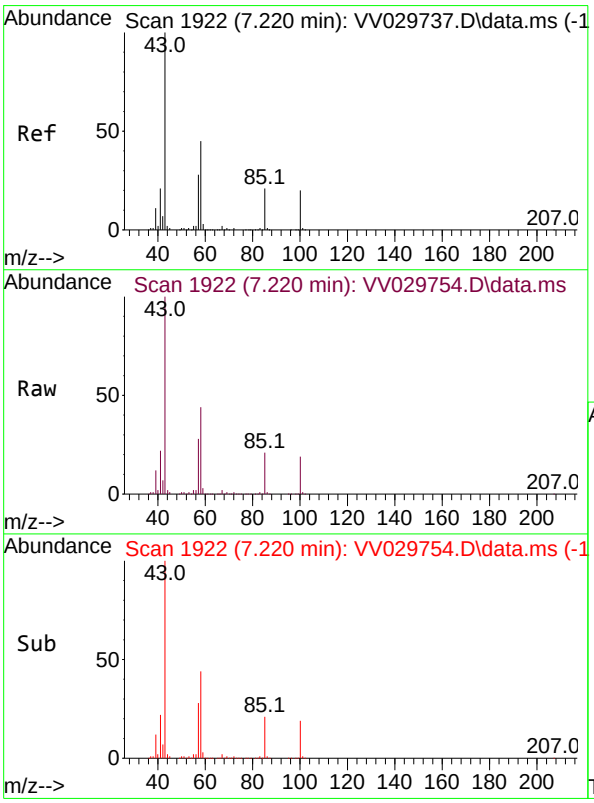
#39
cis-1,3-Dichloropropene
Concen: 47.308 ug/L
RT: 7.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 75 Resp: 232952

Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.9	40.7

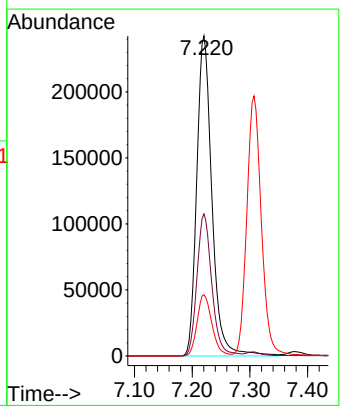


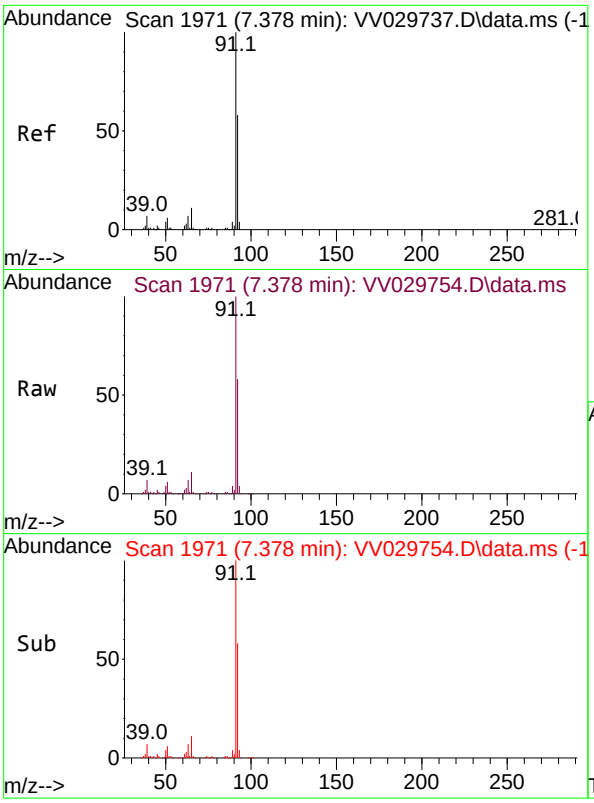


#40
4-Methyl-2-pentanone
Concen: 124.293 ug/L
RT: 7.220 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 43 Resp: 443707

Ion	Ratio	Lower	Upper
43	100		
58	43.4	37.5	56.3
100	18.6	16.7	25.1



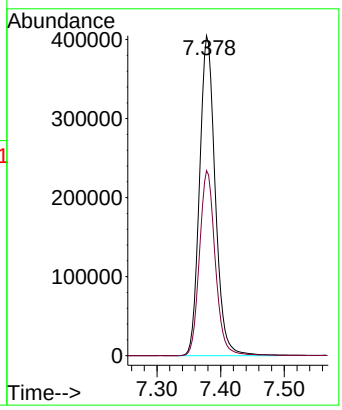


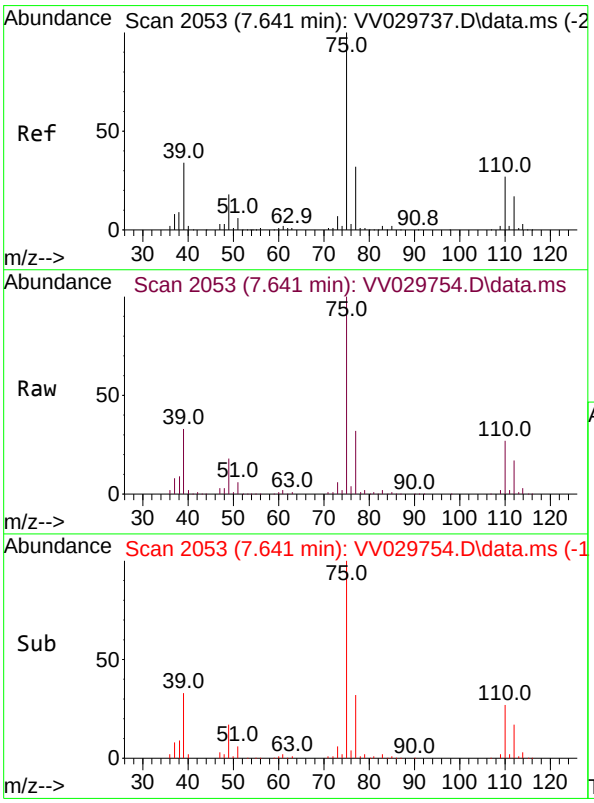
#42
Toluene
Concen: 52.027 ug/L
RT: 7.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 91 Resp: 694665

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.6	75.4

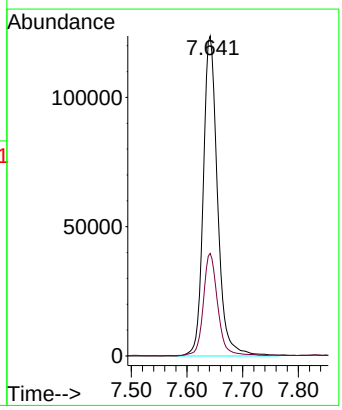


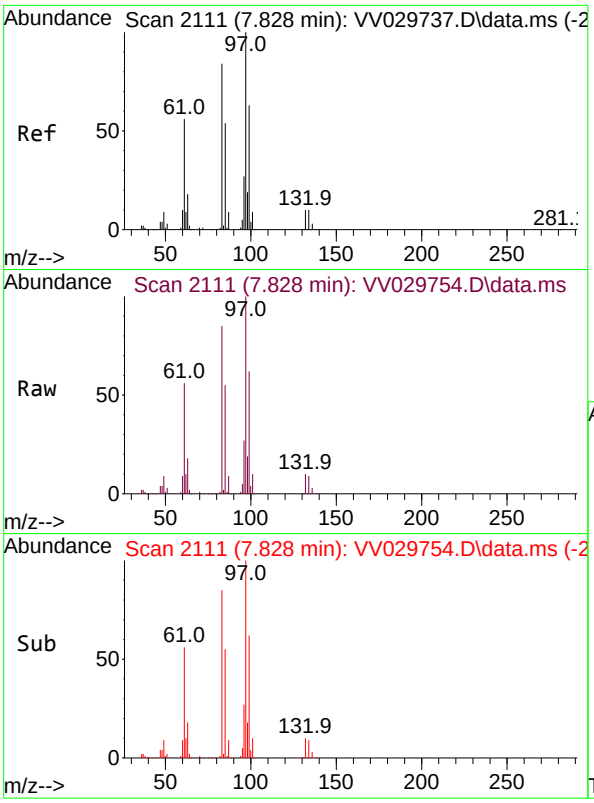


#44
trans-1,3-Dichloropropene
Concen: 47.319 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 75 Resp: 220659

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.3	41.5



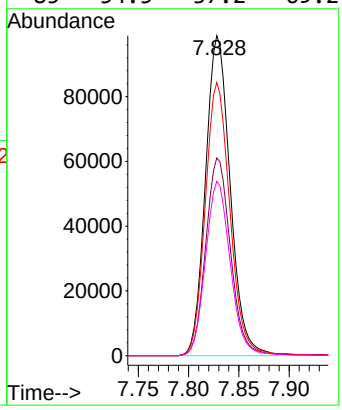


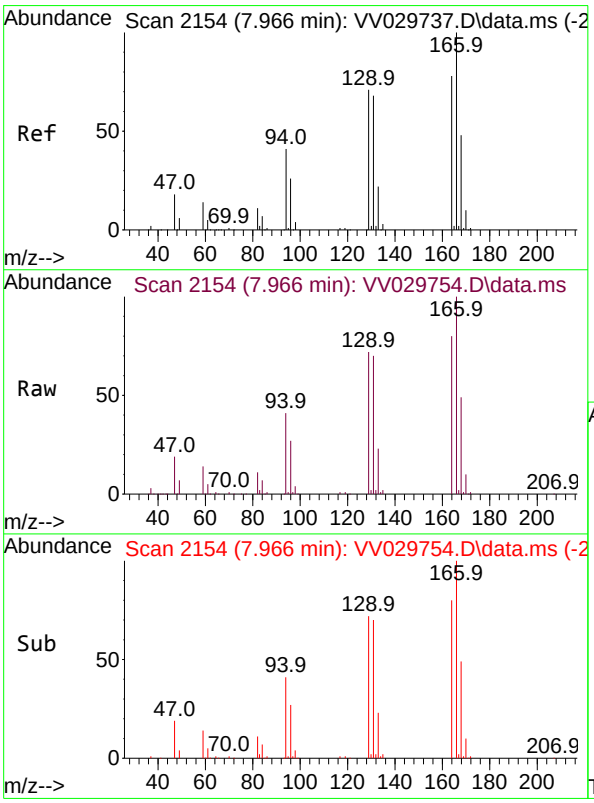
#45
1,1,2-Trichloroethane
Concen: 54.668 ug/L
RT: 7.828 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 97 Resp: 169100

Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	85.4	58.6	108.8
85	54.5	37.2	69.2

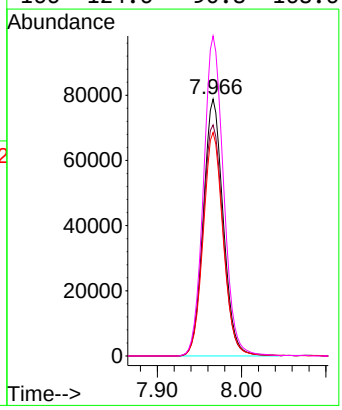


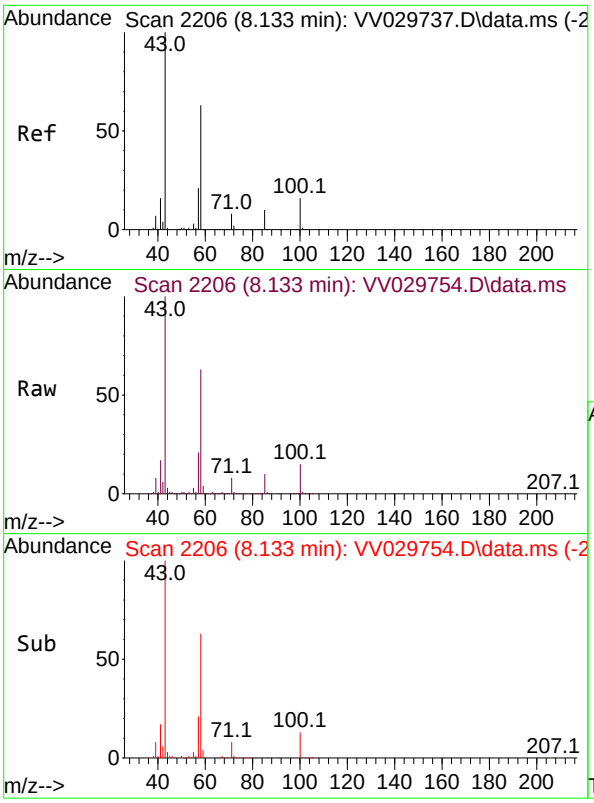


#46
Tetrachloroethene
Concen: 51.979 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:164 Resp: 129907

Ion	Ratio	Lower	Upper
164	100		
129	90.0	65.3	121.3
131	87.1	63.1	117.1
166	124.6	90.8	168.6



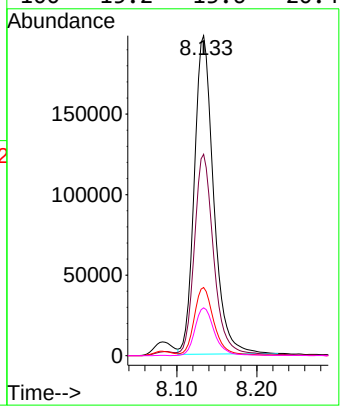


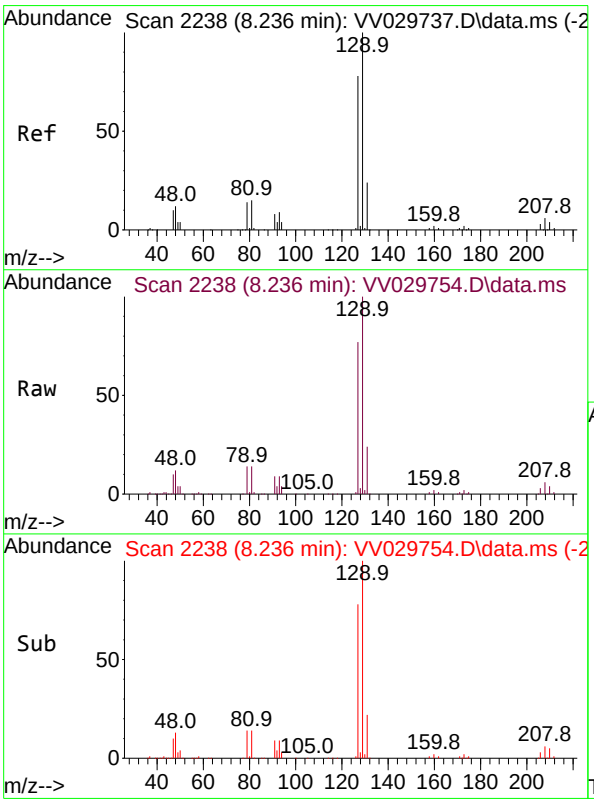
#48
2-Hexanone
Concen: 121.982 ug/L
RT: 8.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 43 Resp: 332690

Ion	Ratio	Lower	Upper
43	100		
58	62.5	54.1	81.1
57	21.7	17.4	26.0
100	15.2	13.6	20.4

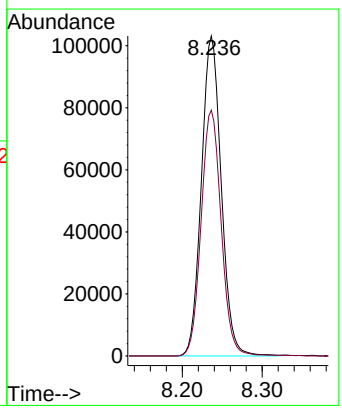


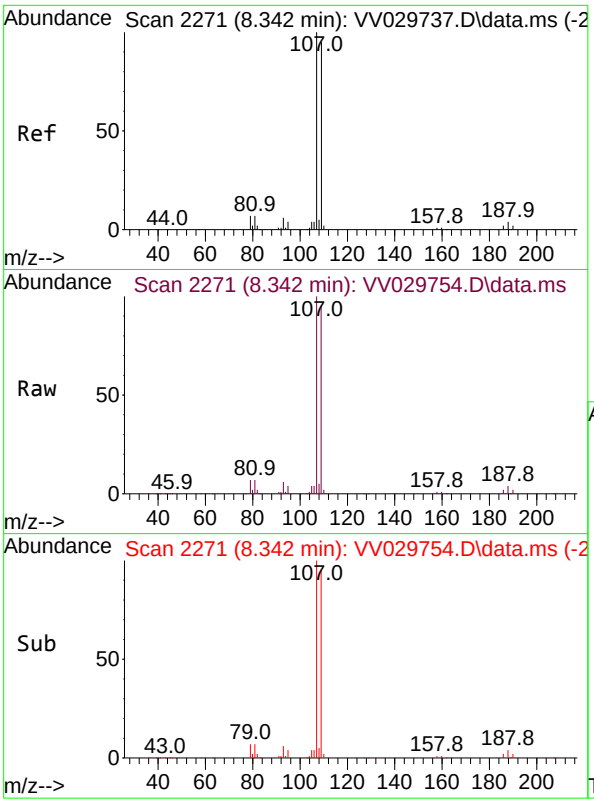


#49
Dibromochloromethane
Concen: 52.307 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:129 Resp: 178636

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.2	102.4



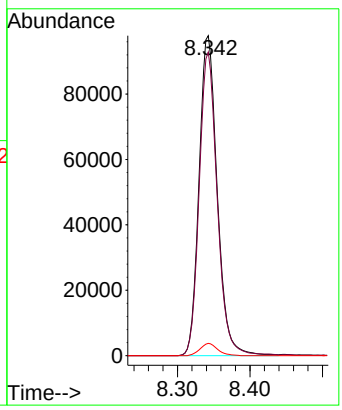


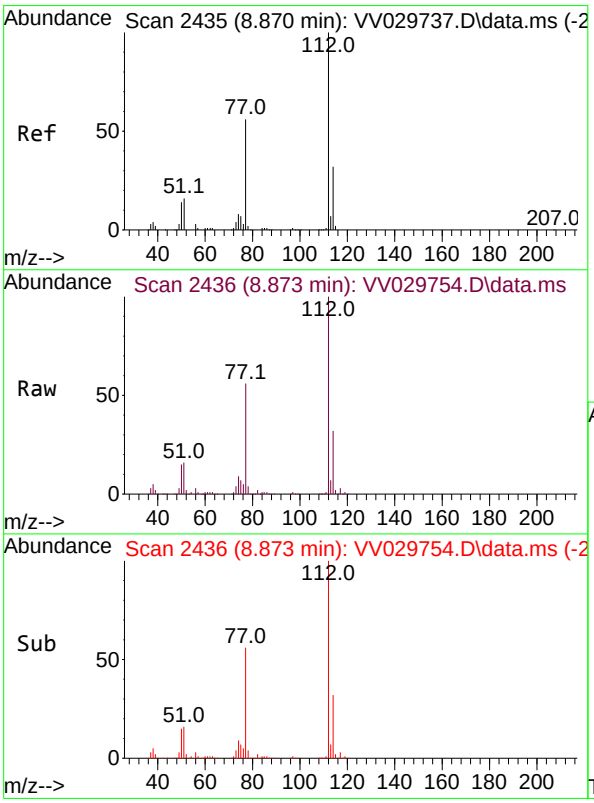
#50
1,2-Dibromoethane
Concen: 53.499 ug/L
RT: 8.342 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:107 Resp: 170488

Ion	Ratio	Lower	Upper
107	100		
109	94.9	66.0	122.6
188	3.9	3.2	4.8

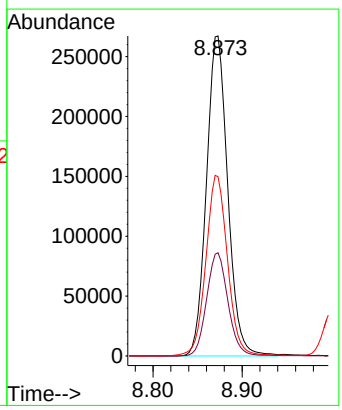


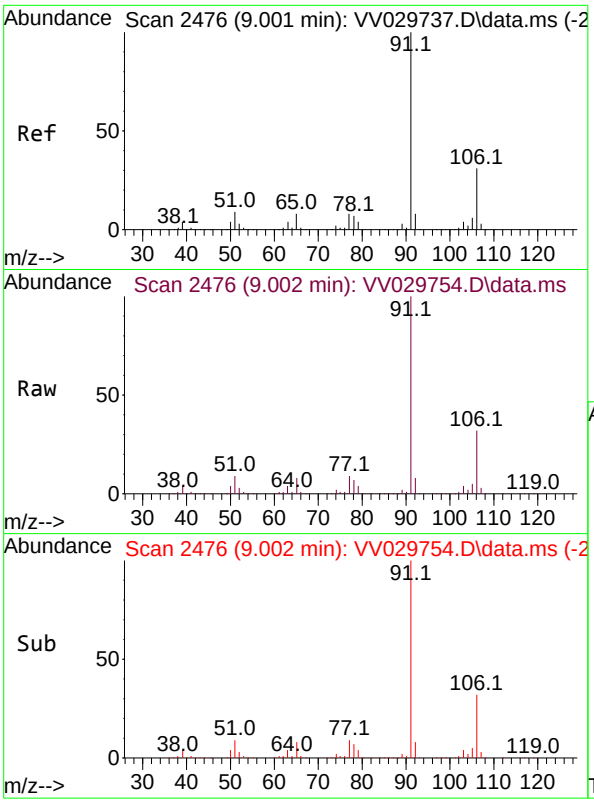


#51
Chlorobenzene
Concen: 52.422 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:112 Resp: 443223

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	56.0	45.0	67.4



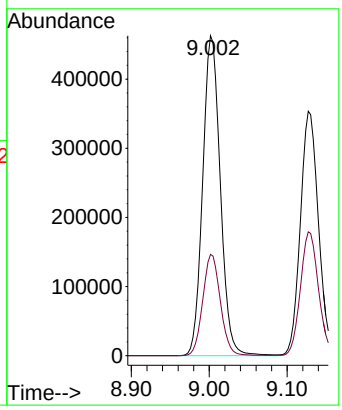


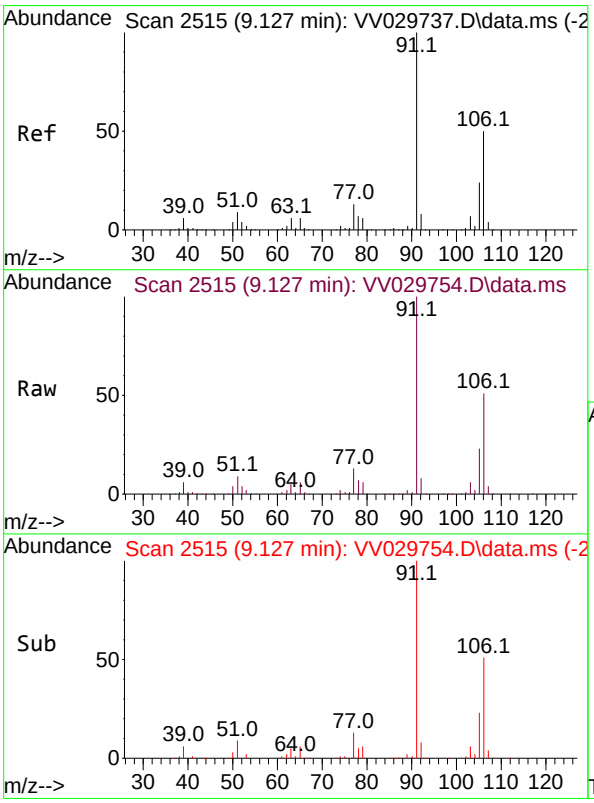
#52
Ethylbenzene
Concen: 51.790 ug/L
RT: 9.002 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 91 Resp: 727010

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.8	40.6

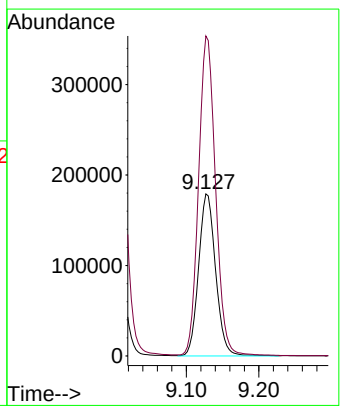


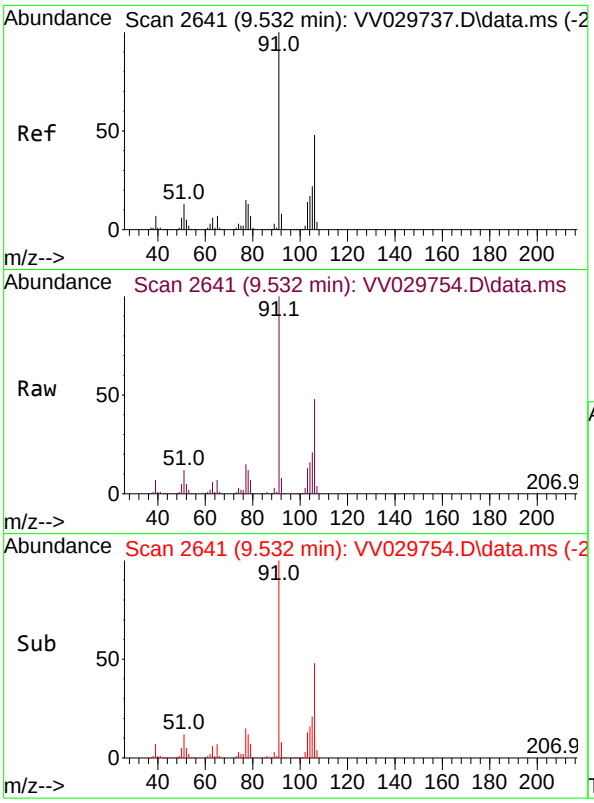


#53
m,p-Xylene
Concen: 52.504 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:106 Resp: 291710

Ion	Ratio	Lower	Upper
106	100		
91	197.5	139.5	259.1



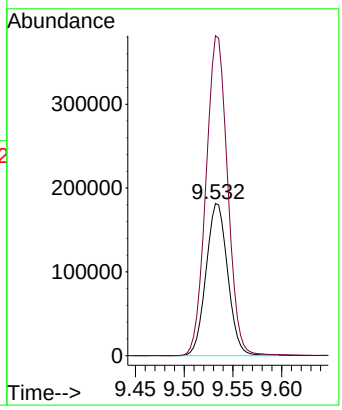


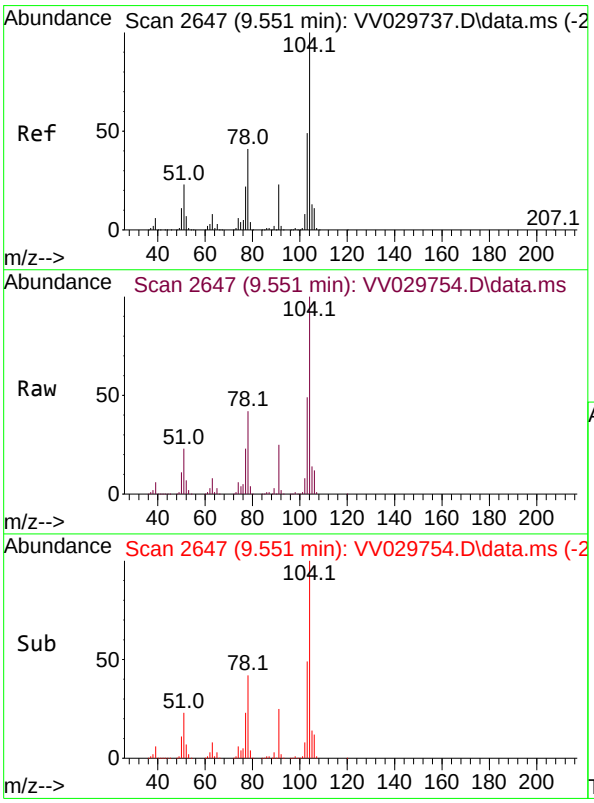
#54
o-Xylene
Concen: 51.074 ug/L
RT: 9.532 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:106 Resp: 280689

Ion	Ratio	Lower	Upper
106	100		
91	210.3	148.0	274.8

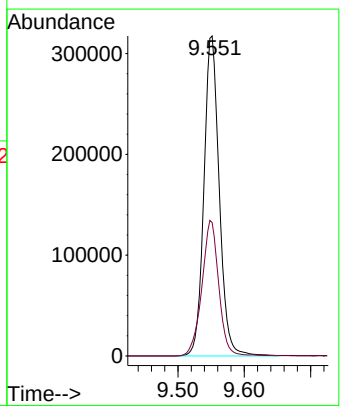


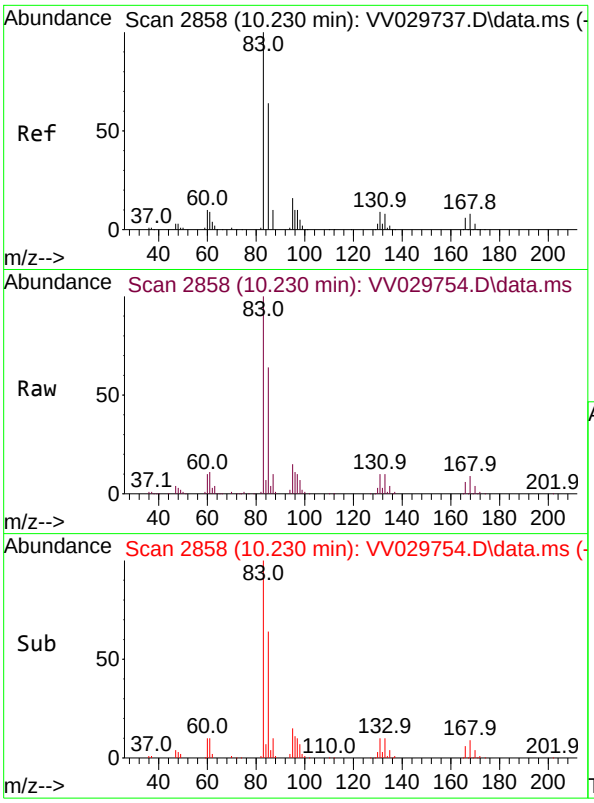


#55
Styrene
Concen: 53.463 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:104 Resp: 510608

Ion	Ratio	Lower	Upper
104	100		
78	41.7	29.4	54.6



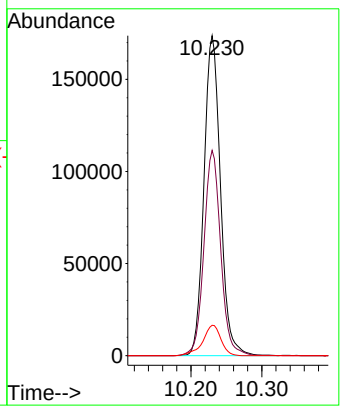


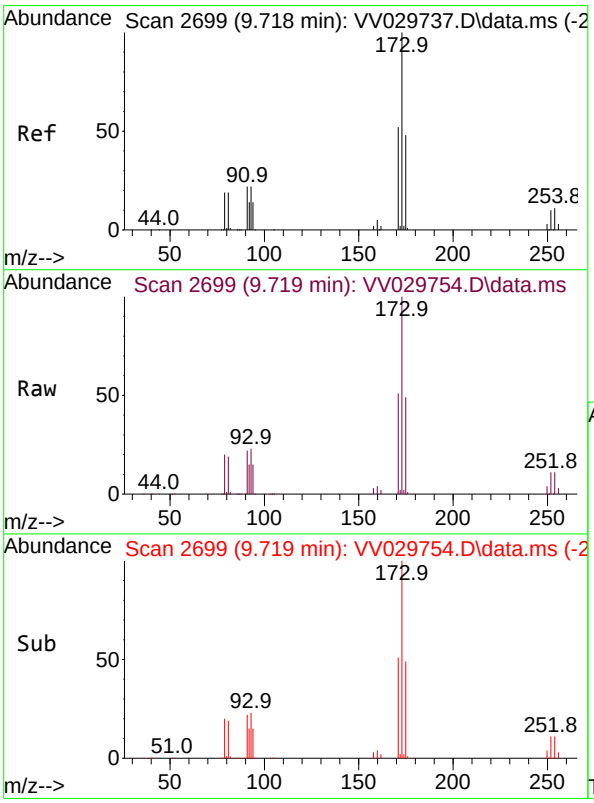
#57
1,1,2,2-Tetrachloroethane
Concen: 56.633 ug/L
RT: 10.230 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion: 83 Resp: 280222

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.7	84.9
131	9.5	7.9	11.9

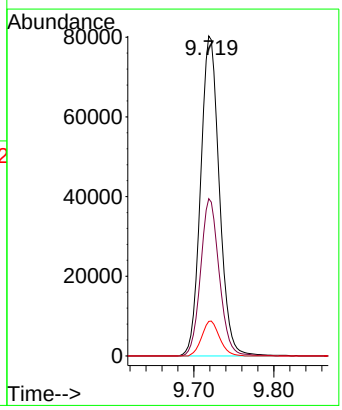


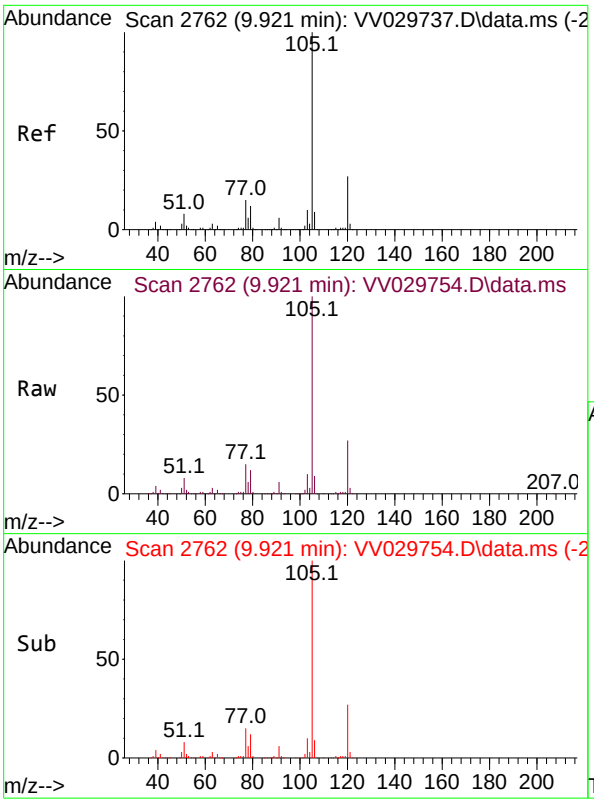


#59
Bromoform
Concen: 48.877 ug/L
RT: 9.719 min Scan# 2699
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:173 Resp: 130794

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.4	57.6
254	10.4	7.8	11.8



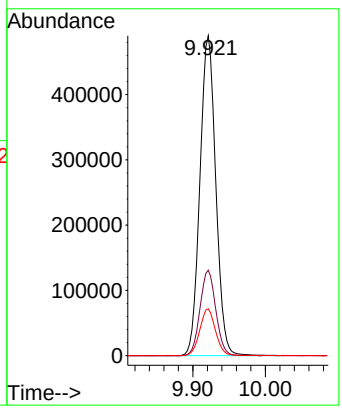


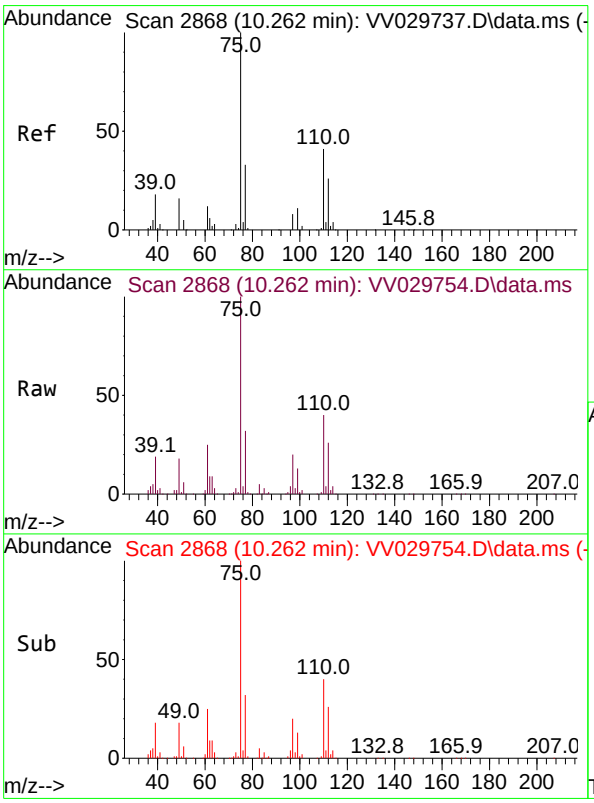
#60
Isopropylbenzene
Concen: 52.408 ug/L
RT: 9.921 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:105 Resp: 745376

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	14.6	11.6	17.4

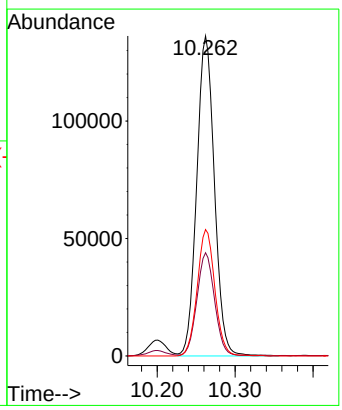


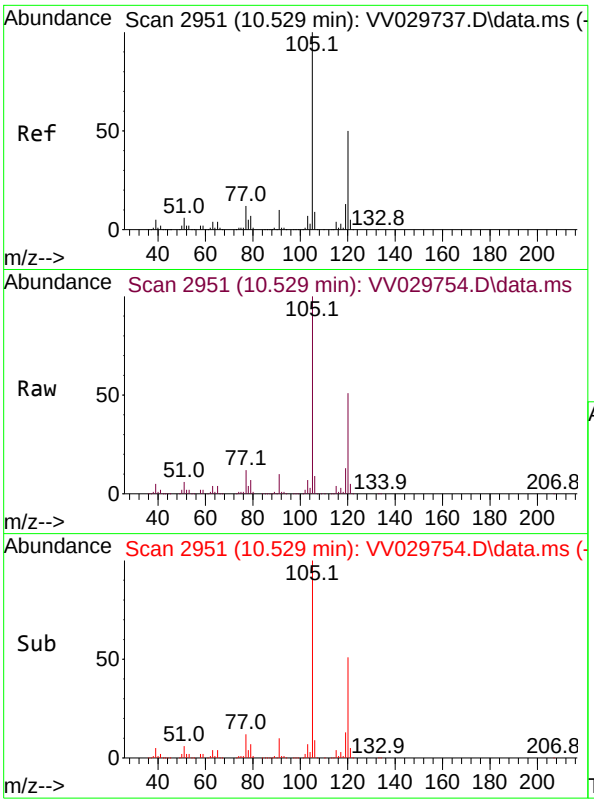


#61
1,2,3-Trichloropropane
Concen: 57.366 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 75 Resp: 214505

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
110	39.4	32.7	49.1



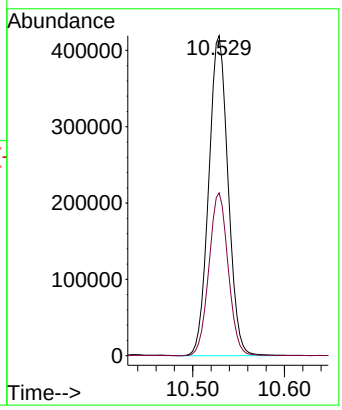


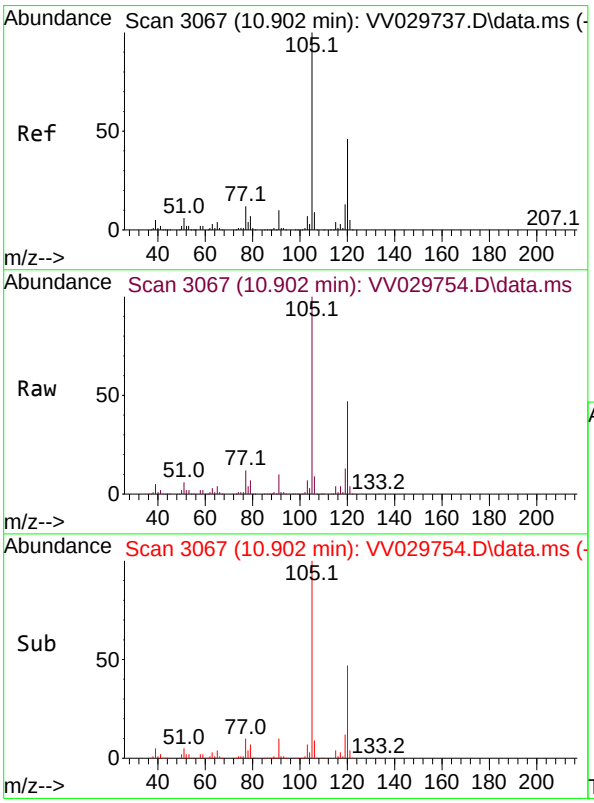
#62
1,3,5-Trimethylbenzene
Concen: 48.736 ug/L
RT: 10.529 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:105 Resp: 612865

Ion	Ratio	Lower	Upper
105	100		
120	50.8	40.0	60.0

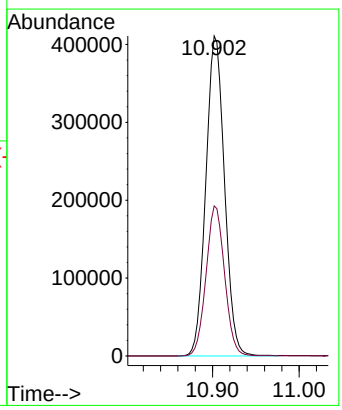


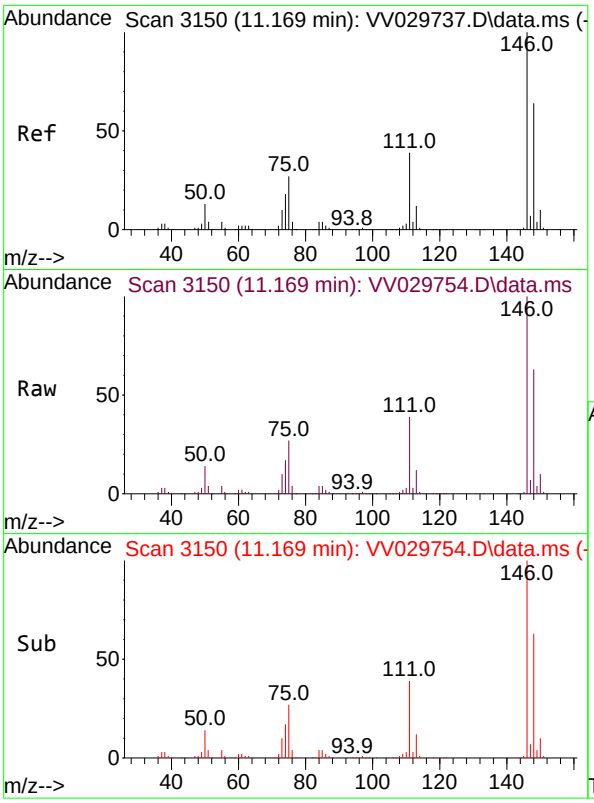


#63
1,2,4-Trimethylbenzene
Concen: 49.265 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:105 Resp: 614104

Ion	Ratio	Lower	Upper
105	100		
120	46.7	36.7	55.1



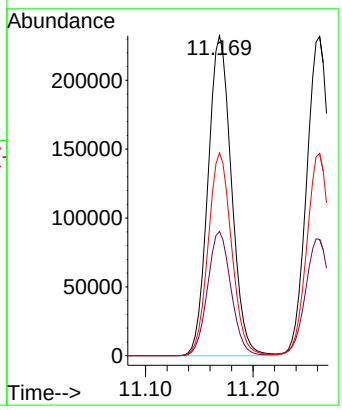


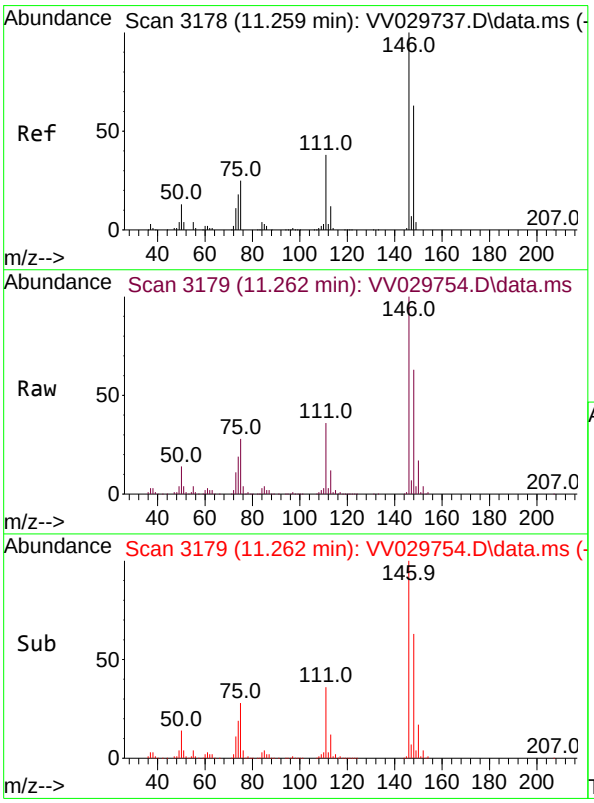
#64
1,3-Dichlorobenzene
Concen: 50.756 ug/L
RT: 11.169 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:146 Resp: 352962

Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.4	51.0
148	63.4	44.6	82.8

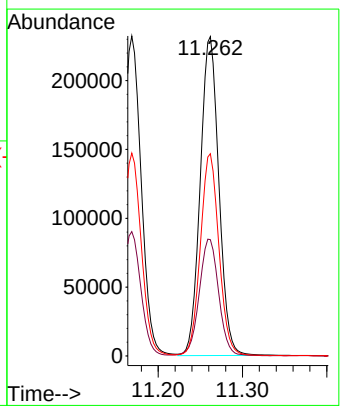


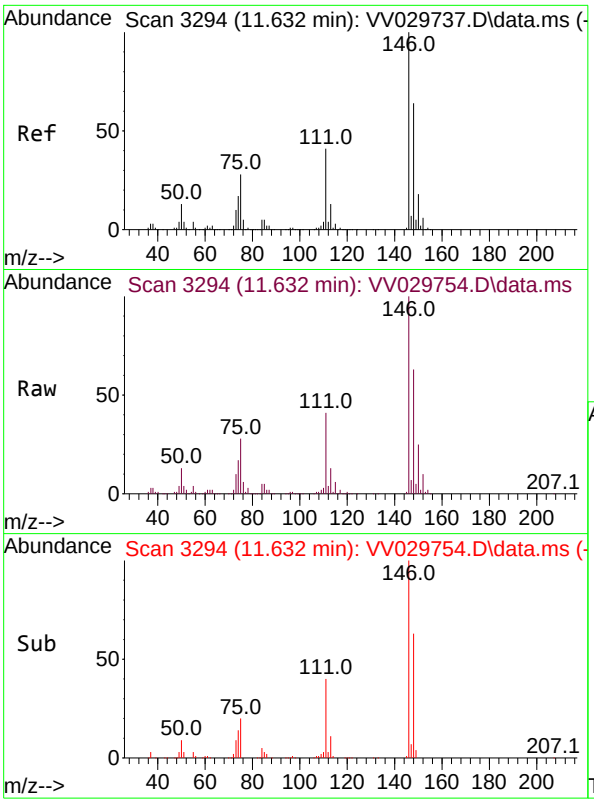


#65
1,4-Dichlorobenzene
Concen: 50.525 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:146 Resp: 357080

Ion	Ratio	Lower	Upper
146	100		
111	36.4	26.2	48.8
148	63.3	44.7	83.1



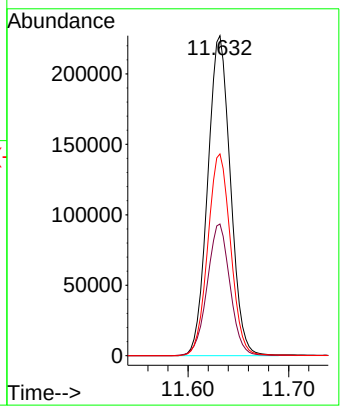


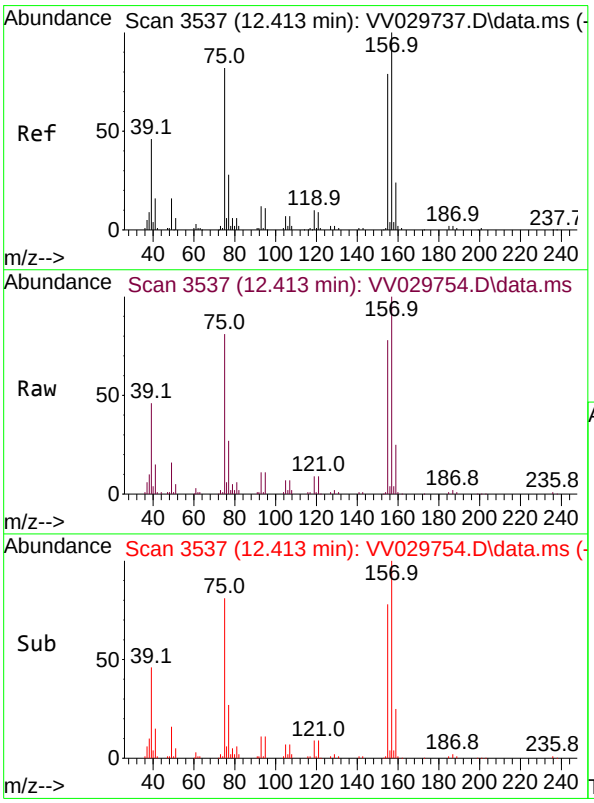
#67
1,2-Dichlorobenzene
Concen: 50.104 ug/L
RT: 11.632 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:146 Resp: 356294

Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.0	48.0
148	63.1	50.6	76.0

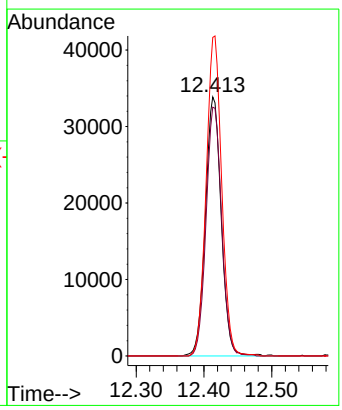


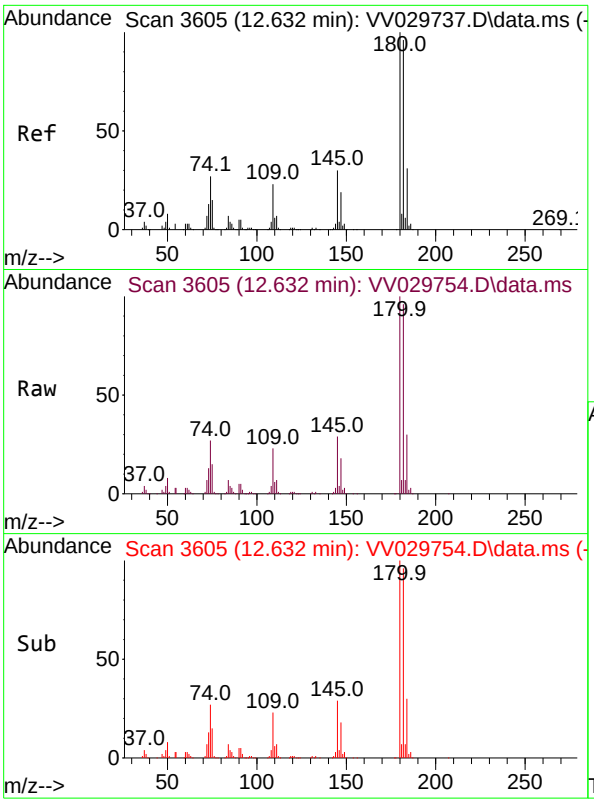


#68
1,2-Dibromo-3-chloropropane
Concen: 47.248 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion: 75 Resp: 54910

Ion	Ratio	Lower	Upper
75	100		
155	96.1	76.2	114.2
157	123.0	96.0	144.0



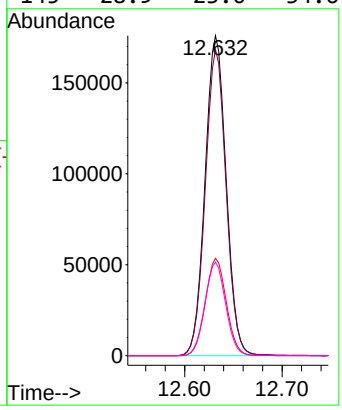


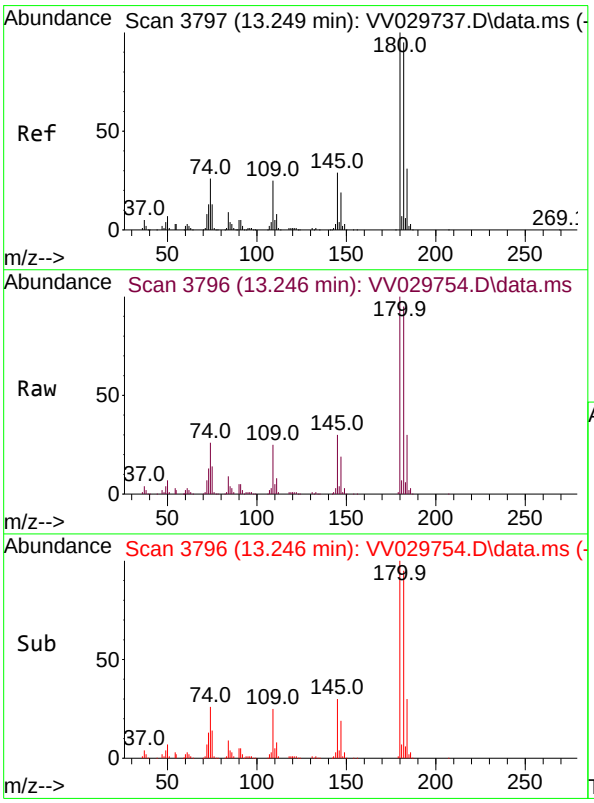
#69
1,3,5-Trichlorobenzene
Concen: 47.804 ug/L
RT: 12.632 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:180 Resp: 264557

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.5	114.7
184	30.3	24.6	36.8
145	28.9	23.0	34.6

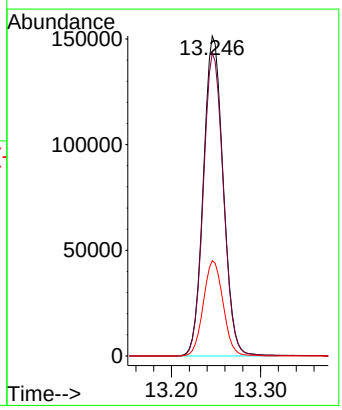


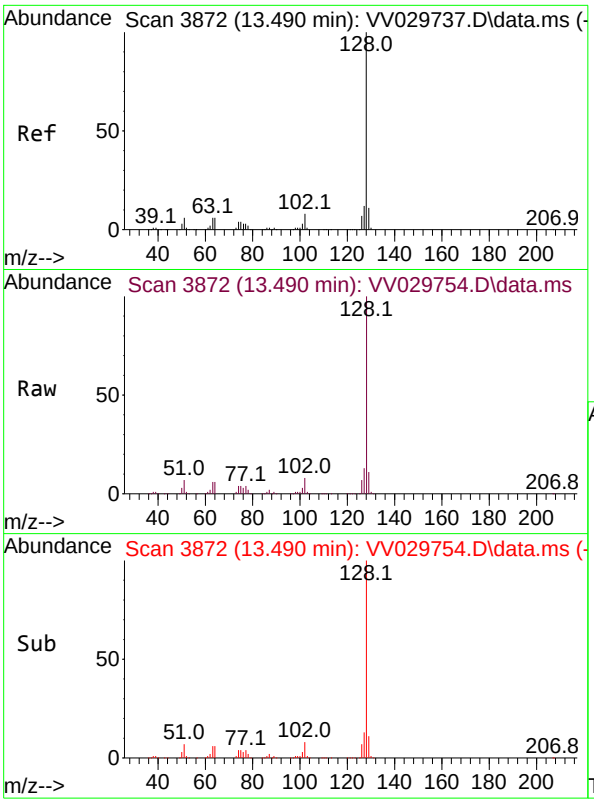


#70
1,2,4-trichlorobenzene
Concen: 47.559 ug/L
RT: 13.246 min Scan# 3796
Delta R.T. -0.003 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:180 Resp: 234045

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
145	29.7	23.7	35.5



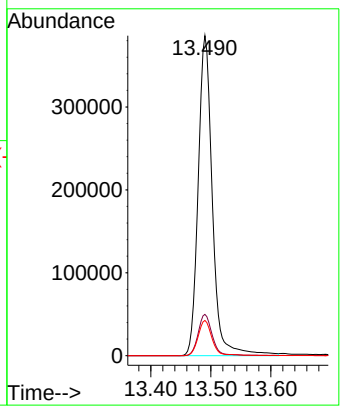


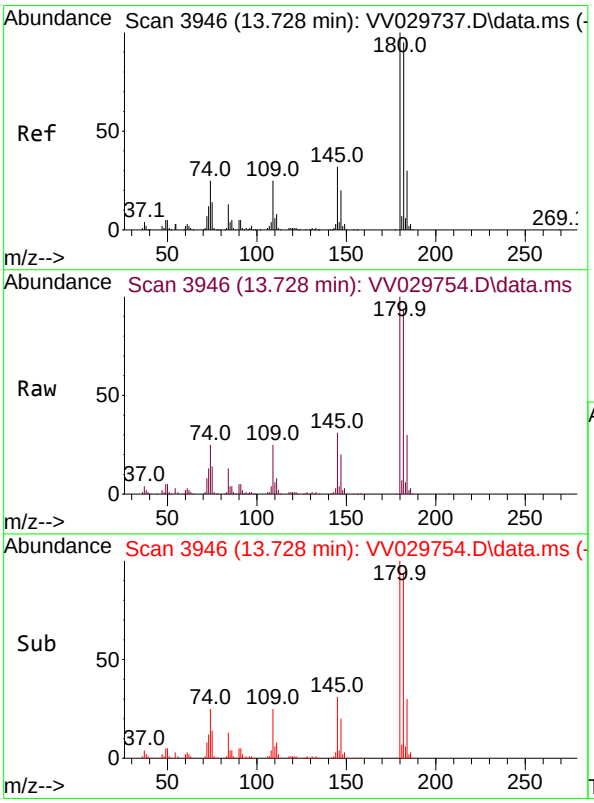
#71
Naphthalene
Concen: 57.141 ug/L
RT: 13.490 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD050394

Tgt Ion:128 Resp: 637838

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 50.234 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VV029754.D
Acq: 20 Dec 2022 16:26

Tgt Ion:180 Resp: 242136

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	31.2	25.0	37.6