Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024281.D
Acq On : 05 Jan 2022 16:20
Operator : SY/MD
Sample : N1025-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Quant Time: Jan 06 01:01:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251959	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	233371	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83198	45.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.760%			
7) Chloroethane-d5	1.571	69	64433	46.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.560%			
11) 1,1-Dichloroethene-d2	2.111	63	122648	36.190	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.380%			
21) 2-Butanone-d5	3.886	46	101538	100.505	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.510%			
24) Chloroform-d	4.349	84	151314	45.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.320%			
26) 1,2-Dichloroethane-d4	5.031	65	102511	46.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.400%			
32) Benzene-d6	5.050	84	298098	48.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.900%			
36) 1,2-Dichloropropane-d6	6.069	67	84851	49.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.440%			
41) Toluene-d8	7.317	98	283527	48.084	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.160%			
43) trans-1,3-Dichloroprop...	7.622	79	46706	47.524	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.040%			
47) 2-Hexanone-d5	8.088	63	75807	102.233	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.230%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	114701	47.027	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.060%			
66) 1,2-Dichlorobenzene-d4	11.622	152	131935	48.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.360%			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	3681	2.037	ug/L #	29
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1173	0.739	ug/L #	16
12) 1,1-Dichloroethene	2.114	96	1515	0.987	ug/L #	1
13) Acetone	2.179	43	35560	35.650	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	1254	0.793	ug/L	91
19) 1,1-Dichloroethane	3.195	63	9024	3.440	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	63543	37.622	ug/L	96
27) 1,2-Dichloroethane	5.137	62	2639	1.058	ug/L #	75
29) Cyclohexane	4.677	56	5195	2.490	ug/L	95
33) Benzene	5.101	78	397123	66.923	ug/L	100
35) Methylcyclohexane	6.130	83	6829	2.814	ug/L	94
39) cis-1,3-Dichloropropene	6.986	75	3441	1.467	ug/L	83
42) Toluene	7.387	91	1487240	223.273	ug/L	100
44) trans-1,3-Dichloropropene	7.622	75	2339	0.983	ug/L #	67
45) 1,1,2-Trichloroethane	7.793	97	1958	1.251	ug/L #	21
51) Chlorobenzene	8.883	112	28409	6.332	ug/L	96
52) Ethylbenzene	9.011	91	350325	49.230	ug/L	100
53) m,p-Xylene	9.137	106	152890	53.600	ug/L	99
54) o-Xylene	9.542	106	74978	27.536	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024281.D
Acq On : 05 Jan 2022 16:20
Operator : SY/MD
Sample : N1025-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Quant Time: Jan 06 01:01:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Styrene	9.542	104	5193	1.098	ug/L	#	1
60) Isopropylbenzene	9.931	105	95357	12.673	ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	23300	3.600	ug/L		99
63) 1,2,4-Trimethylbenzene	10.915	105	297919	46.106	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	2931	0.733	ug/L		90
67) 1,2-Dichlorobenzene	11.645	146	22584	5.648	ug/L		97
70) 1,2,4-trichlorobenzene	13.262	180	18811	7.371	ug/L	#	94
71) Naphthalene	13.500	128	733584	99.351	ug/L		100
72) 1,2,3-Trichlorobenzene	13.744	180	6150	2.332	ug/L	#	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
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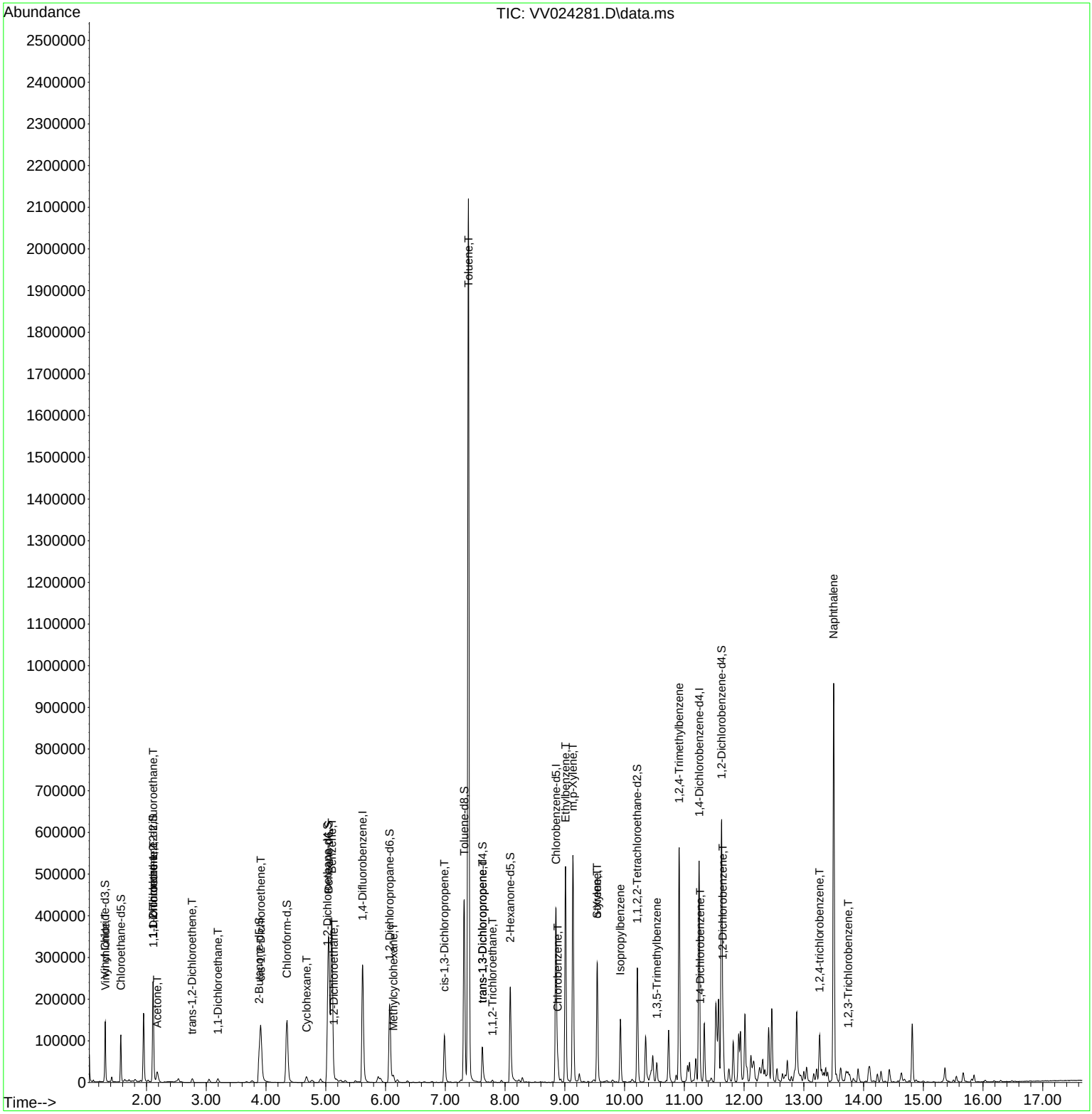
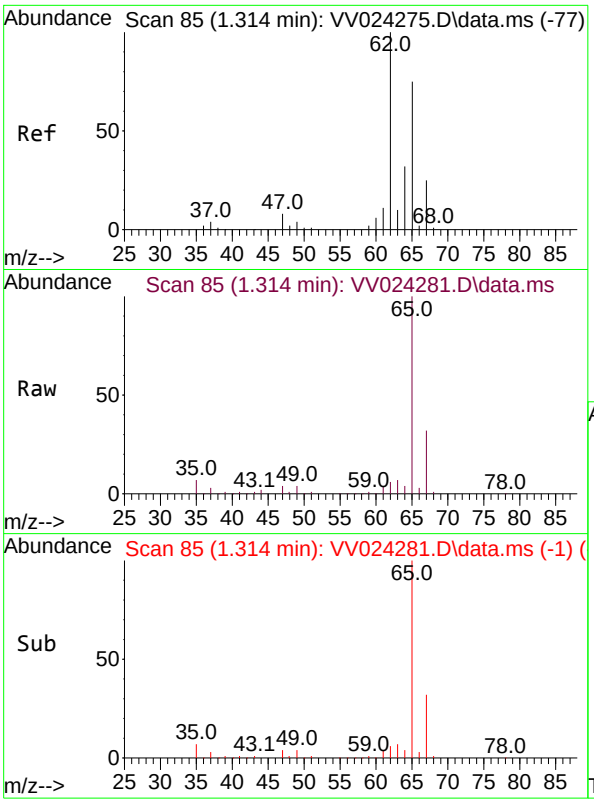
ClientSampleId :
BGLH2

Quant Time: Jan 06 01:01:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 00:59:13 2022
Response via : Initial Calibration



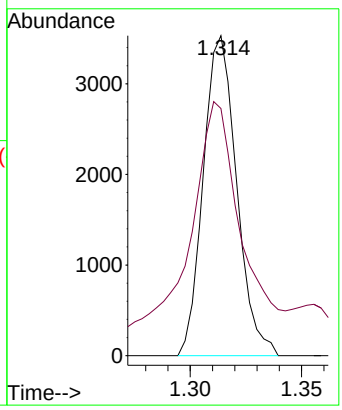


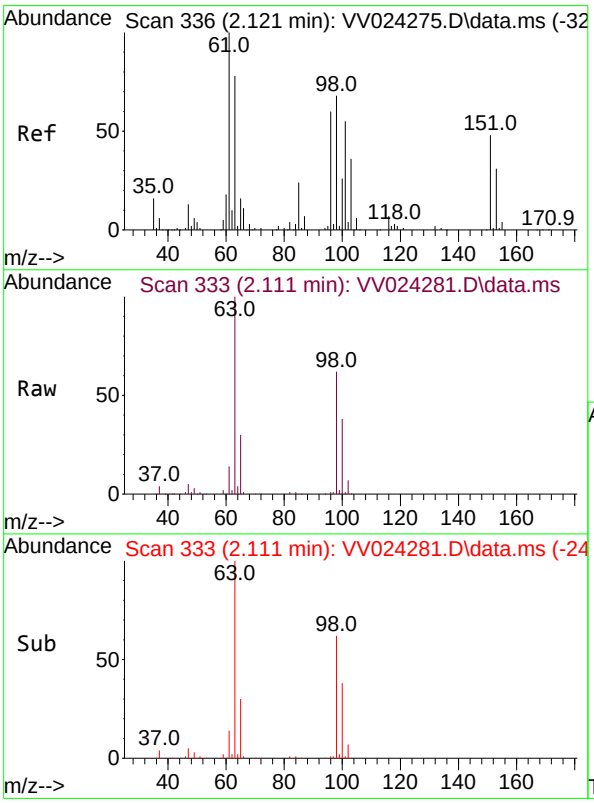
#5
Vinyl chloride
Concen: 2.037 ug/L
RT: 1.314 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 62 Resp: 3681

Ion	Ratio	Lower	Upper
62	100		
64	77.2	25.0	46.4#

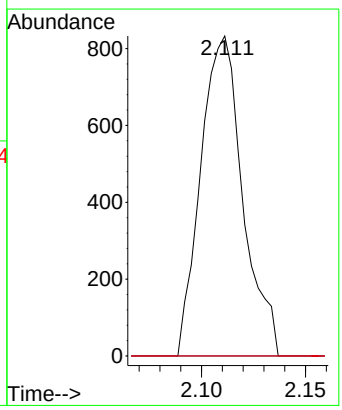


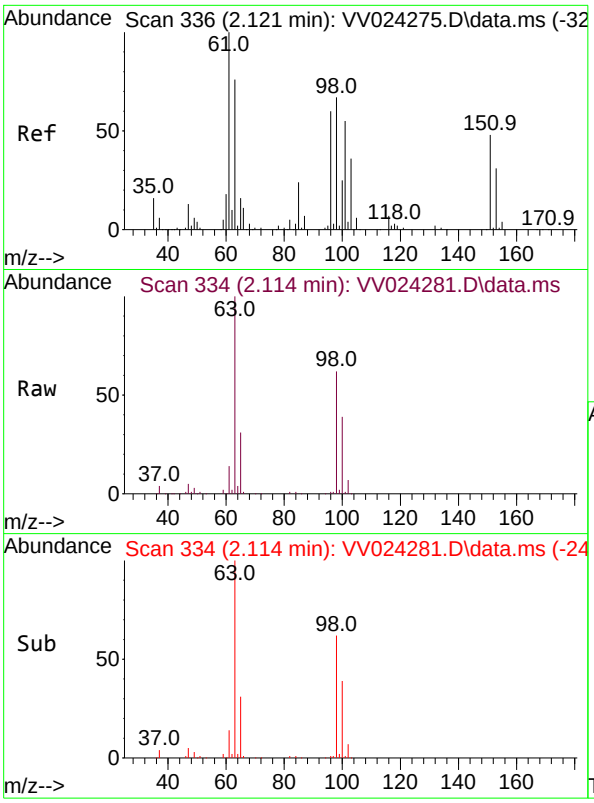


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.739 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:101 Resp: 1173

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.3	52.9#
151	0.0	67.1	100.7#



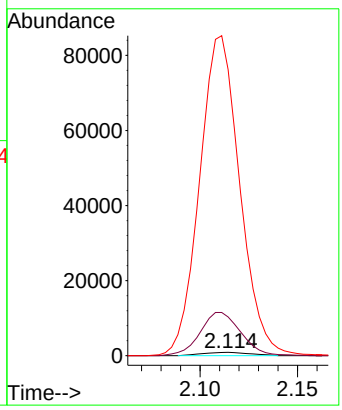


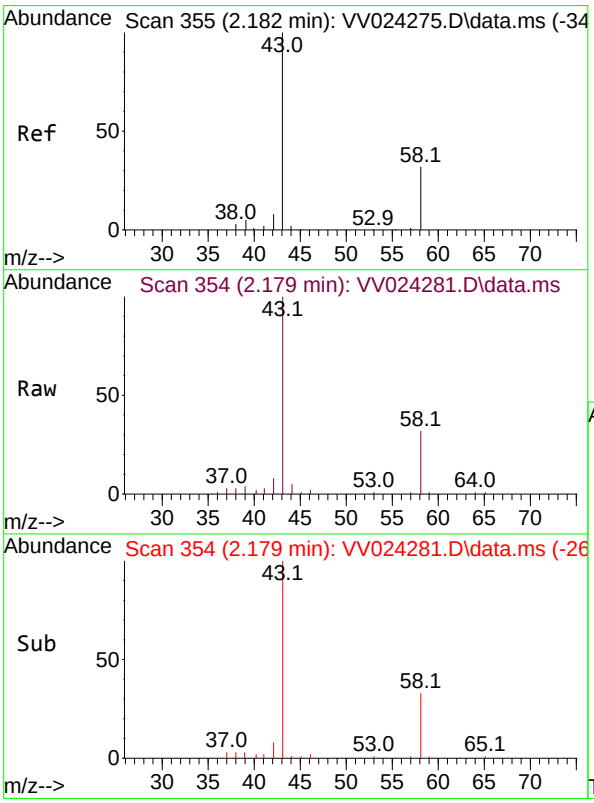
#12
1,1-Dichloroethene
Concen: 0.987 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 96 Resp: 1515

Ion	Ratio	Lower	Upper
96	100		
61	1157.5	111.9	207.9#
63	8563.6	82.7	153.5#

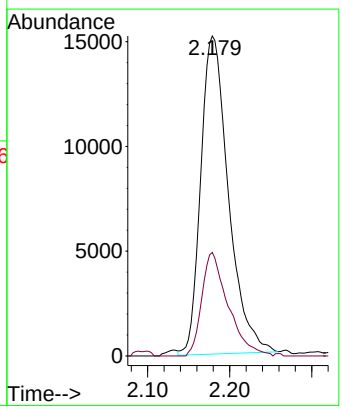


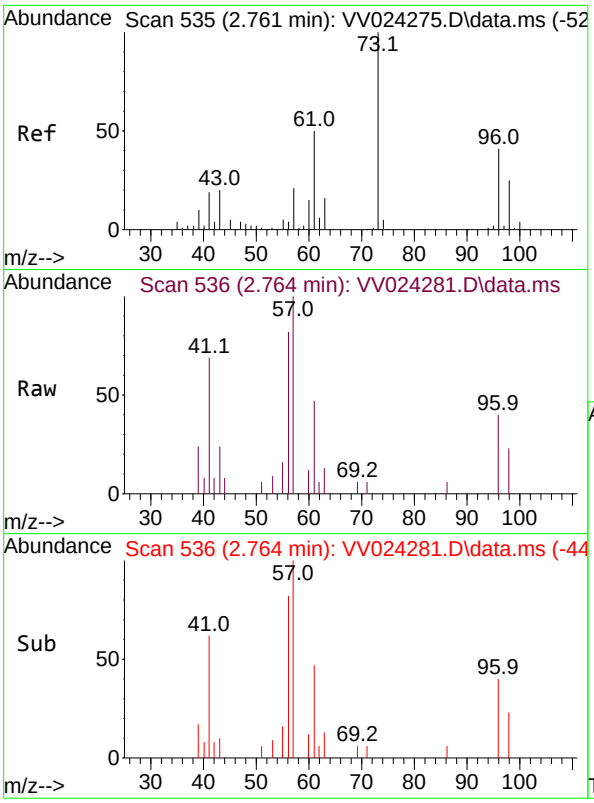


#13
Acetone
Concen: 35.650 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 43 Resp: 35560

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	63.0



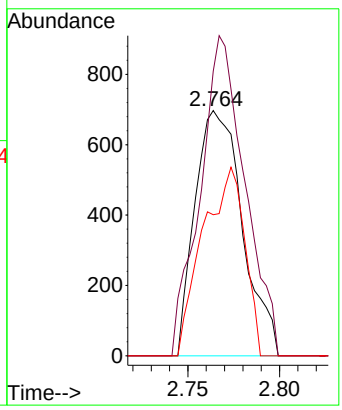


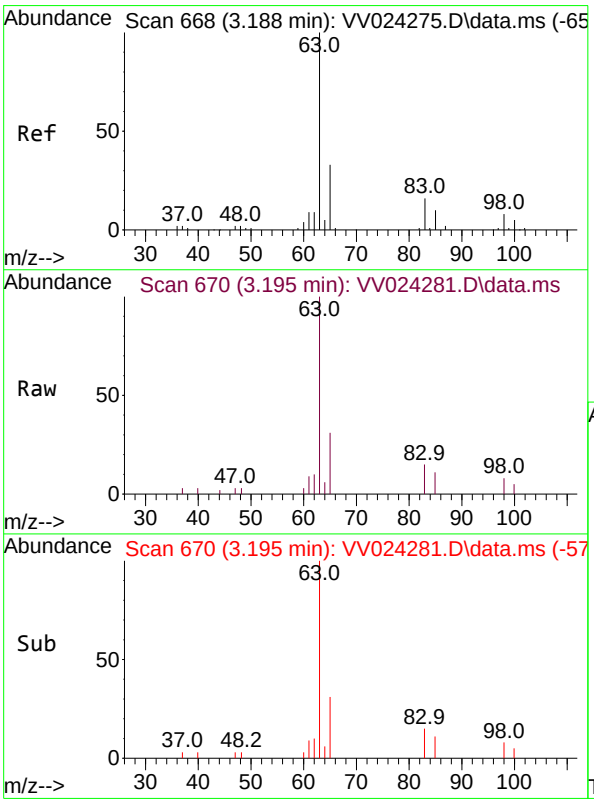
#17
trans-1,2-Dichloroethene
Concen: 0.793 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 96 Resp: 1254

Ion	Ratio	Lower	Upper
96	100		
61	116.1	88.1	163.7
98	57.5	45.0	83.6

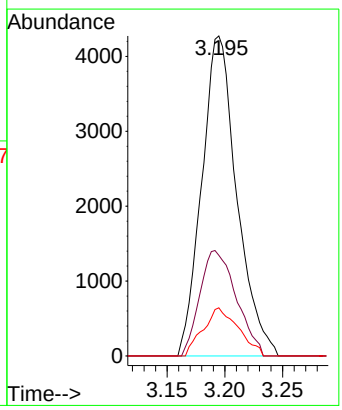


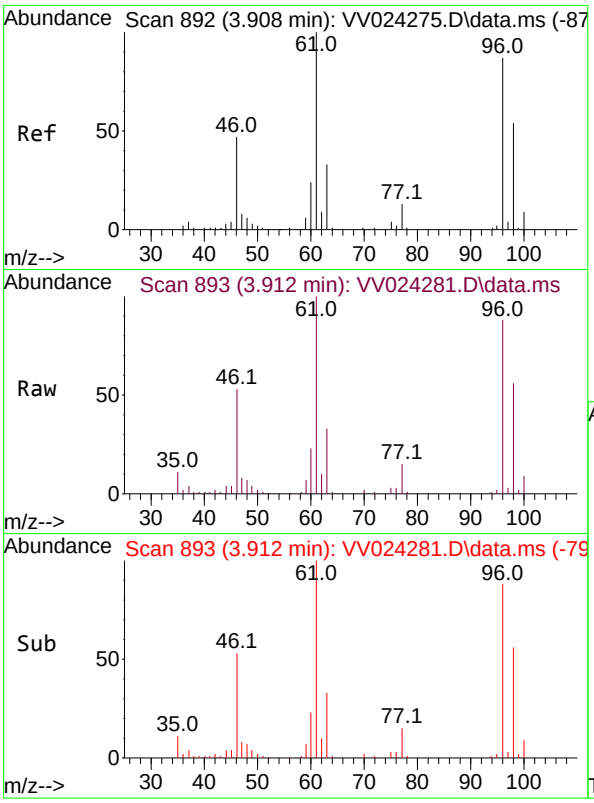


#19
1,1-Dichloroethane
Concen: 3.440 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 63 Resp: 9024

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.4	41.6
83	15.0	10.6	19.6



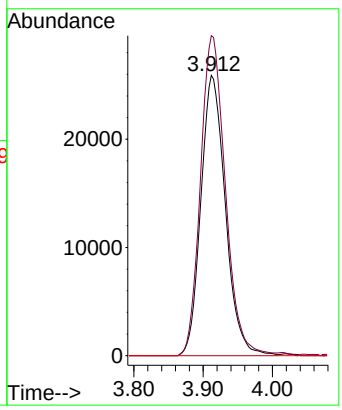


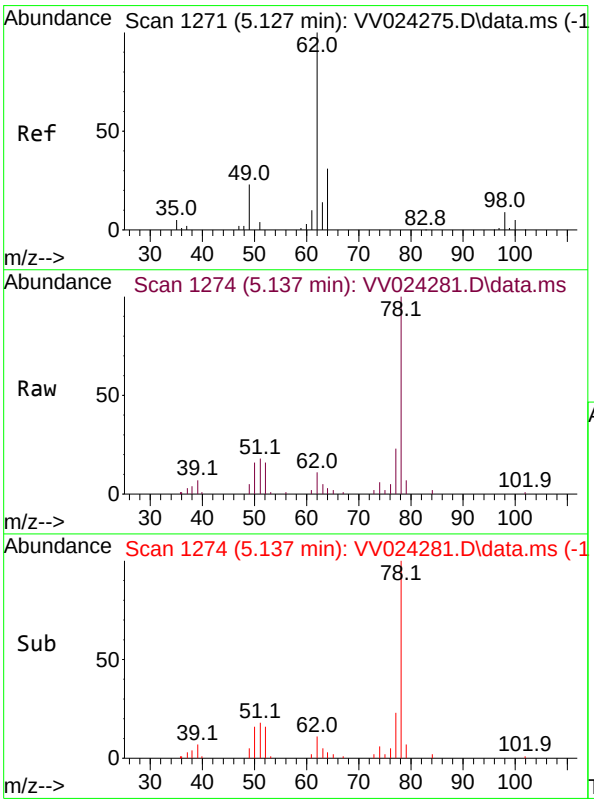
#20
cis-1,2-Dichloroethene
Concen: 37.622 ug/L
RT: 3.912 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 96 Resp: 63543

Ion	Ratio	Lower	Upper
96	100		
61	114.2	82.9	153.9
68	0.0	0.0	0.0

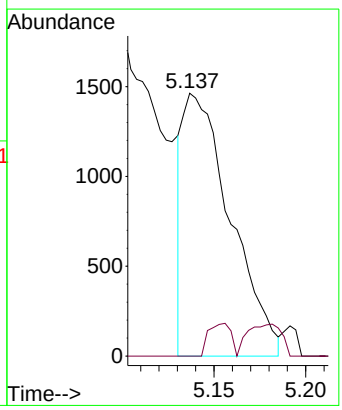


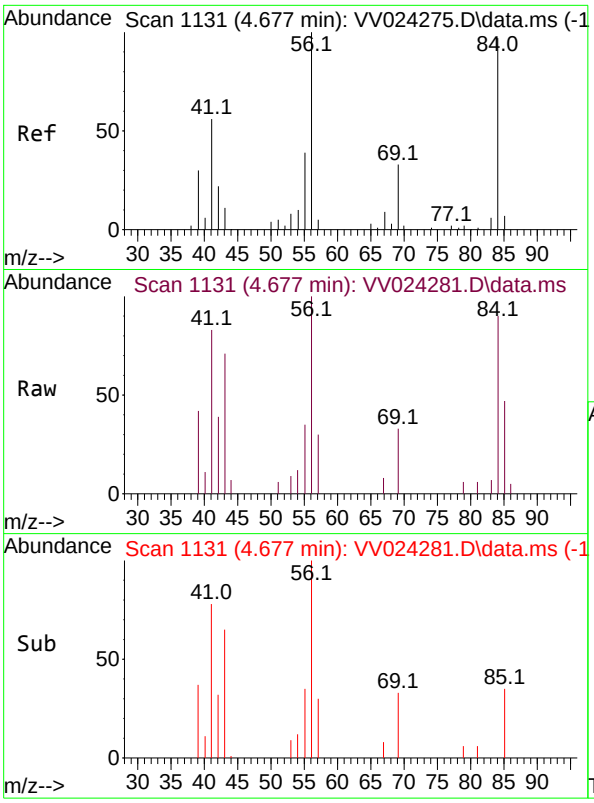


#27
1,2-Dichloroethane
Concen: 1.058 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.010 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 62 Resp: 2639

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#



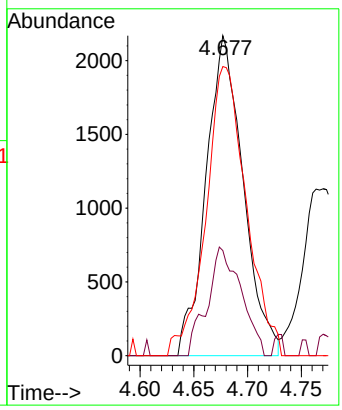


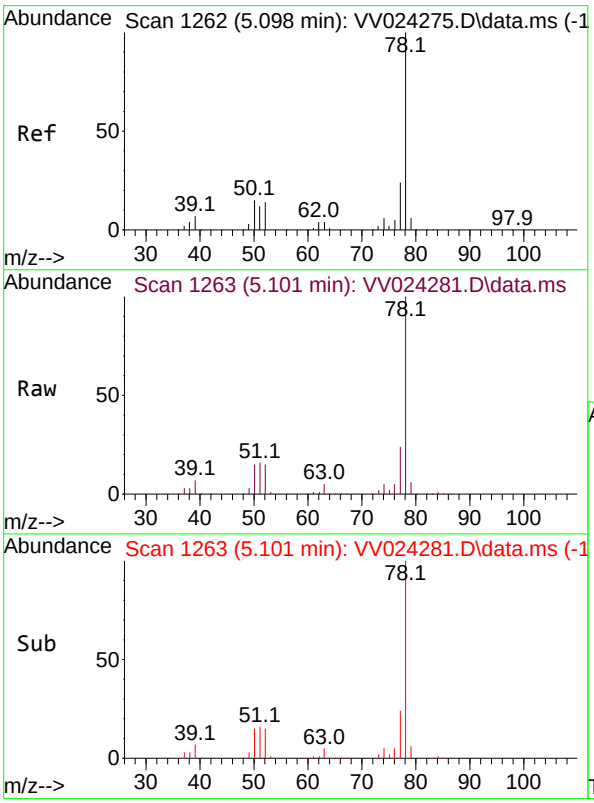
#29
Cyclohexane
Concen: 2.490 ug/L
RT: 4.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 56 Resp: 5195

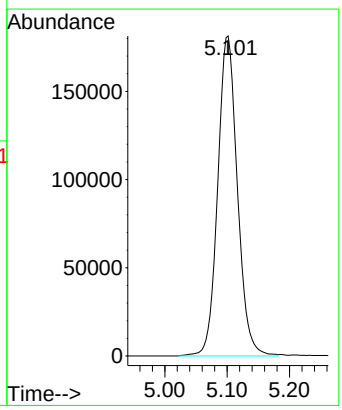
Ion	Ratio	Lower	Upper
56	100		
69	26.4	25.8	38.6
84	95.7	79.1	118.7

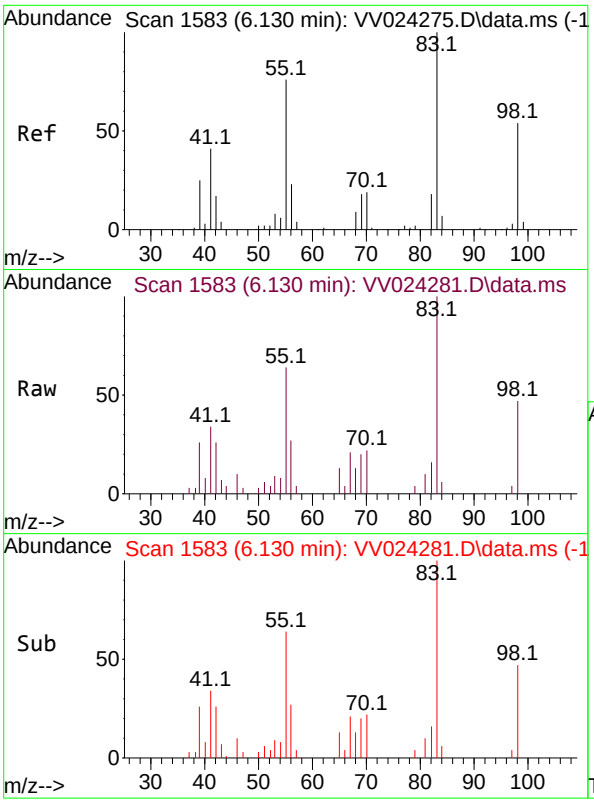




#33
Benzene
Concen: 66.923 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 78 Resp: 397123



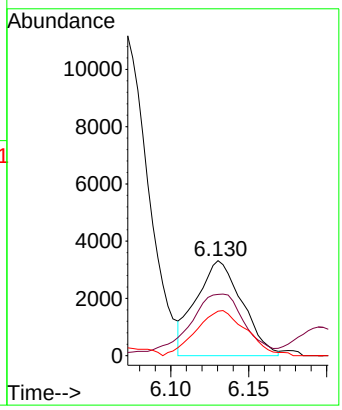


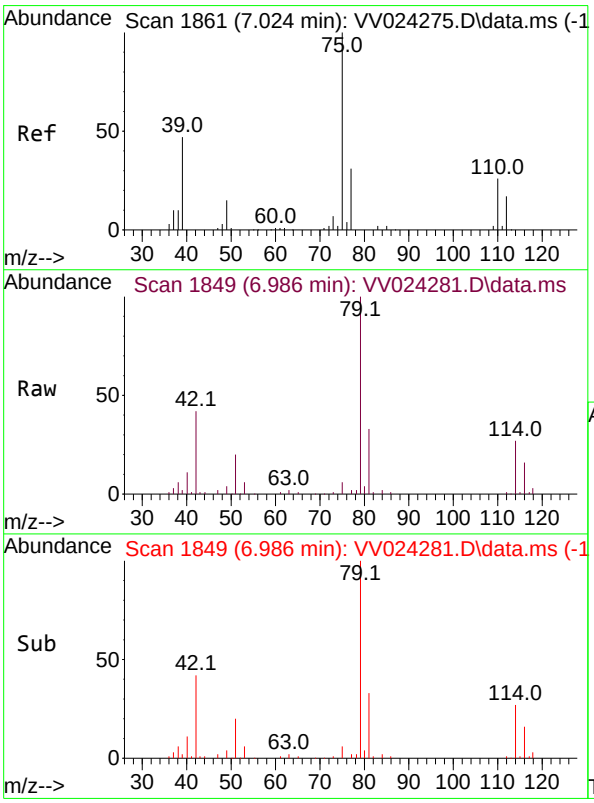
#35
Methylcyclohexane
Concen: 2.814 ug/L
RT: 6.130 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 83 Resp: 6829

Ion	Ratio	Lower	Upper
83	100		
55	77.3	55.6	83.4
98	51.0	41.3	61.9

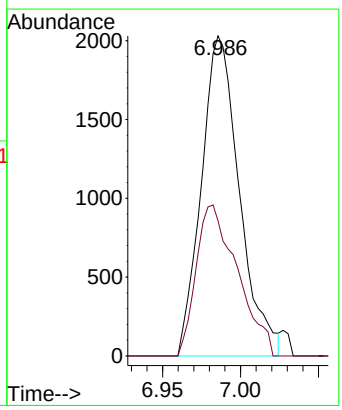


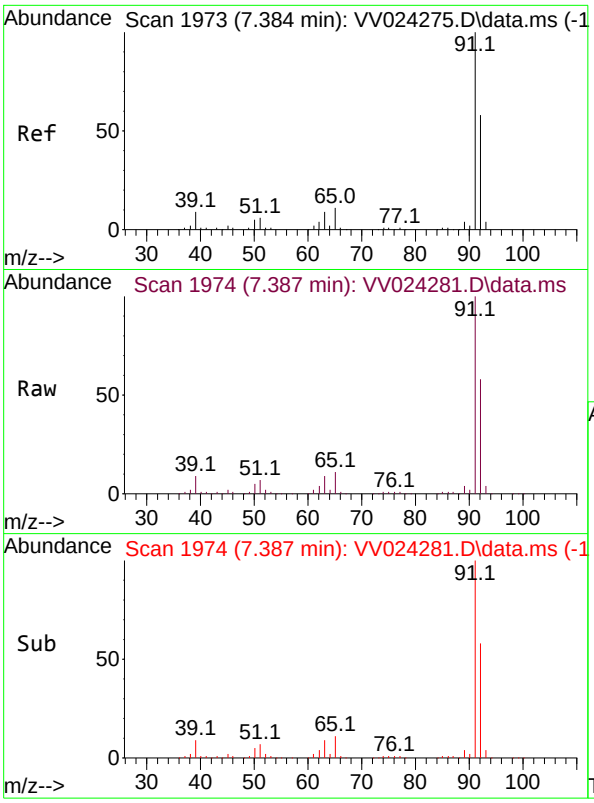


#39
cis-1,3-Dichloropropene
Concen: 1.467 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 75 Resp: 3441

Ion	Ratio	Lower	Upper
75	100		
77	42.2	23.0	42.8



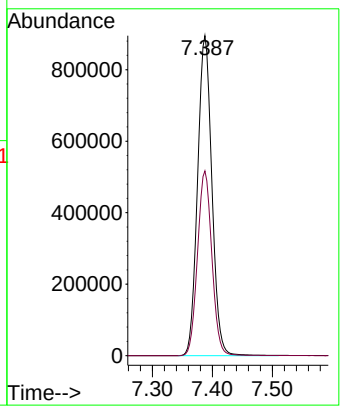


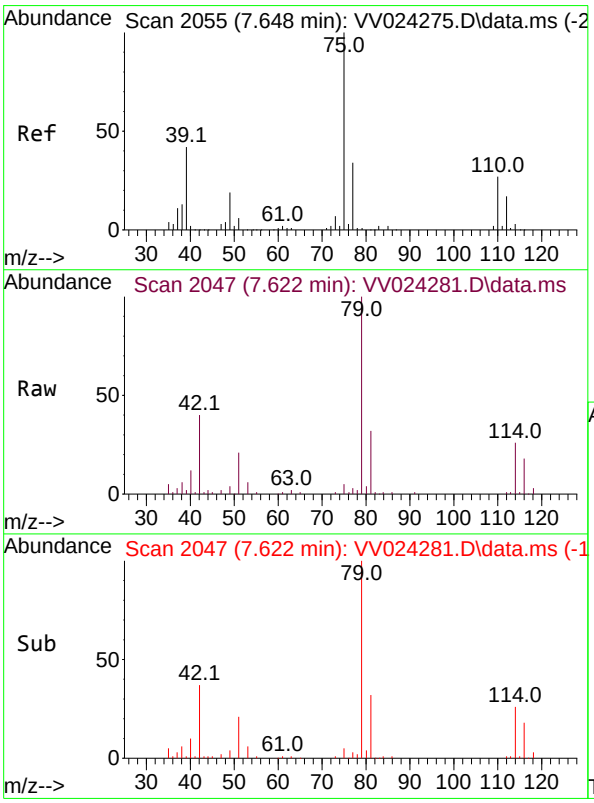
#42
Toluene
Concen: 223.273 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 91 Resp: 1487240

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.4	75.0

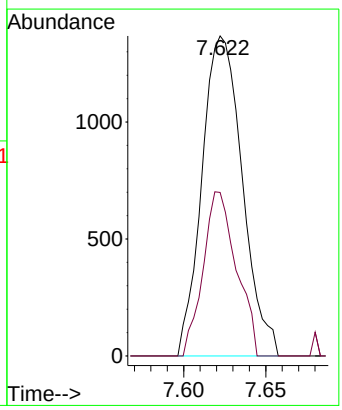


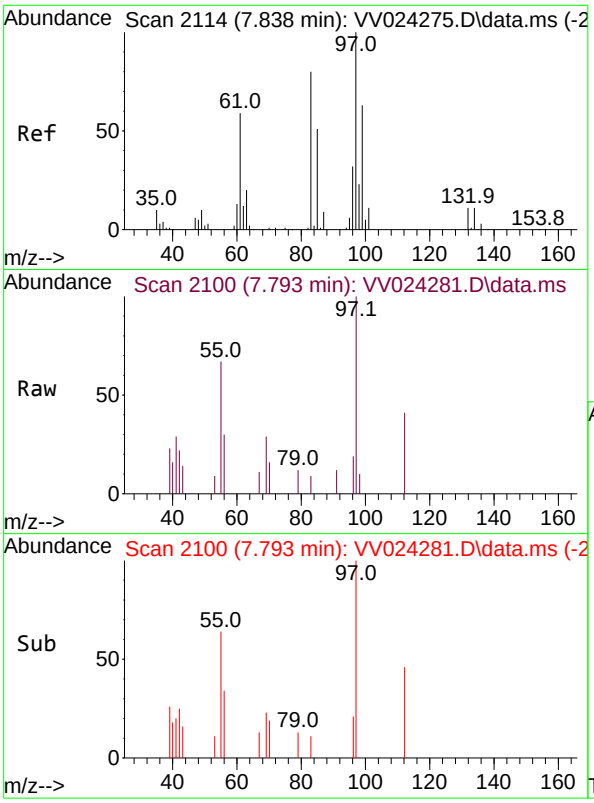


#44
trans-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion: 75 Resp: 2339

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.7	42.1#



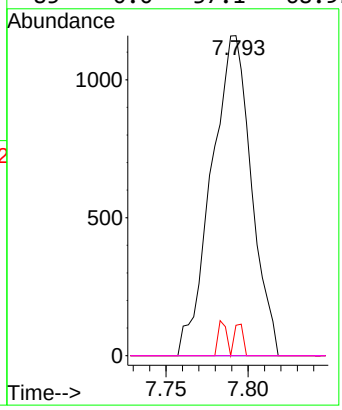


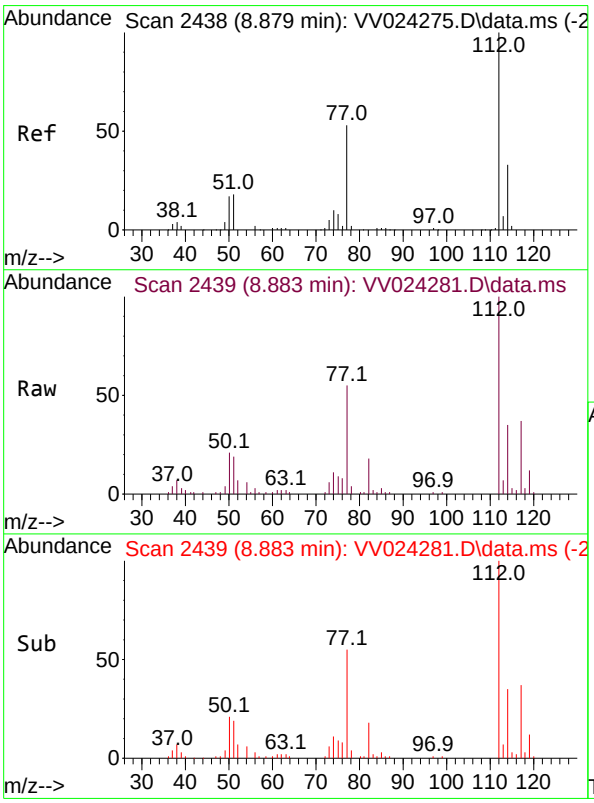
#45
1,1,2-Trichloroethane
Concen: 1.251 ug/L
RT: 7.793 min Scan# 21
Delta R.T. -0.045 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 97 Resp: 1958

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.4	78.8#
83	9.5	57.9	107.5#
85	0.0	37.1	68.9#

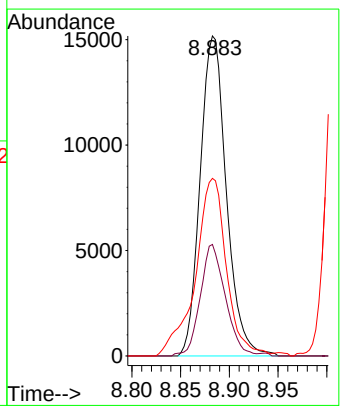


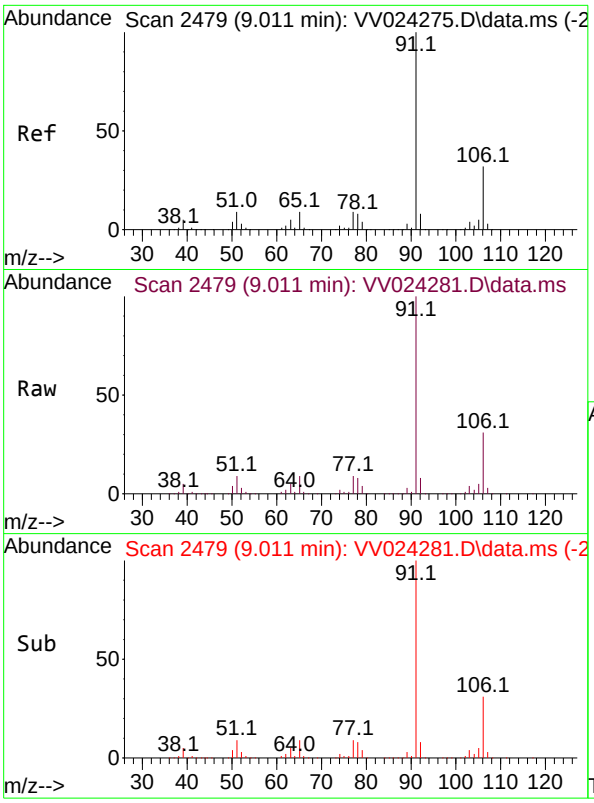


#51
Chlorobenzene
Concen: 6.332 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:112 Resp: 28409

Ion	Ratio	Lower	Upper
112	100		
114	34.9	22.3	41.5
77	55.5	42.8	64.2



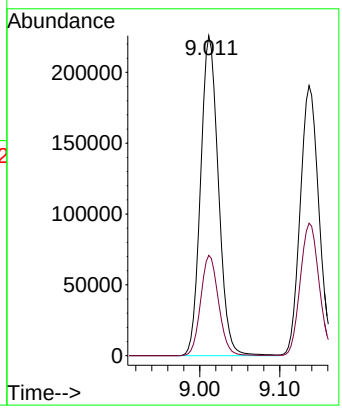


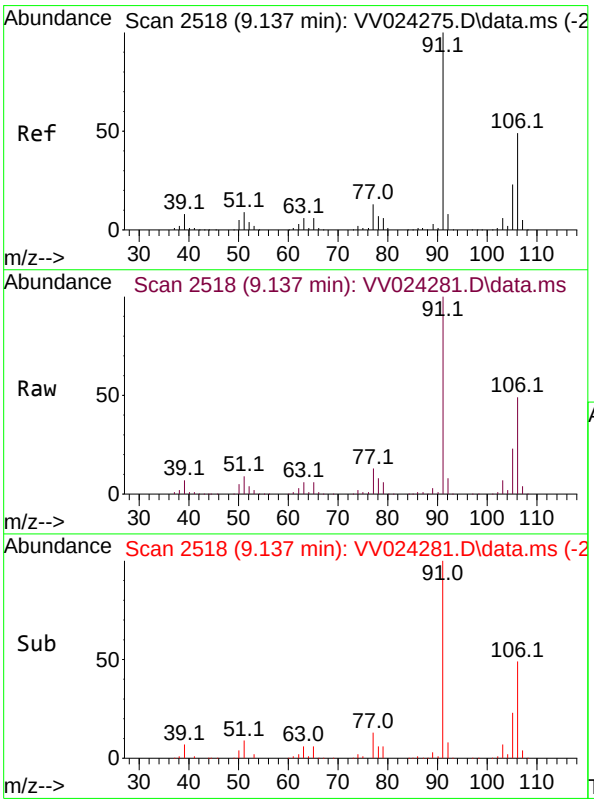
#52
Ethylbenzene
Concen: 49.230 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion: 91 Resp: 350325

Ion	Ratio	Lower	Upper
91	100		
106	31.4	22.0	41.0

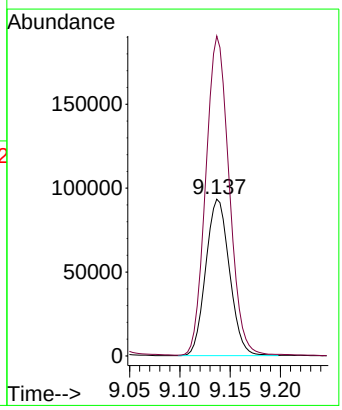


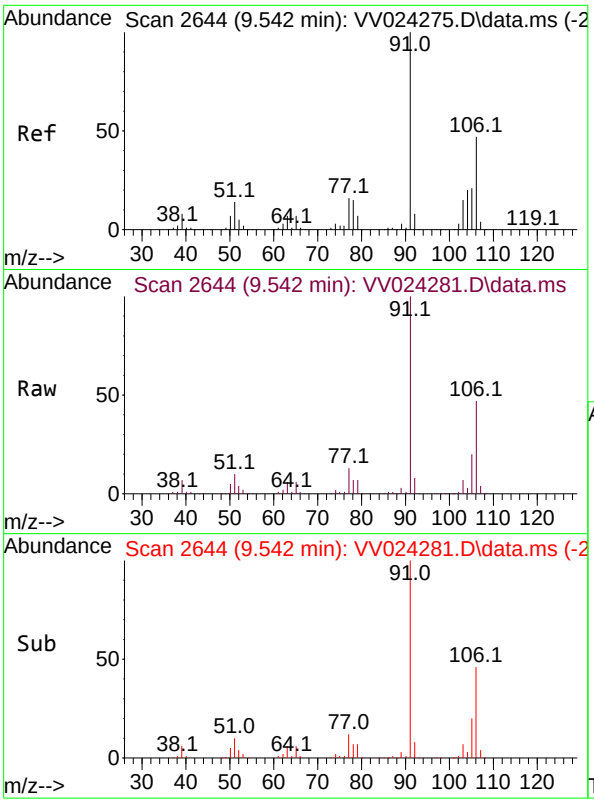


#53
m,p-Xylene
Concen: 53.600 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:106 Resp: 152890

Ion	Ratio	Lower	Upper
106	100		
91	204.0	141.8	263.4



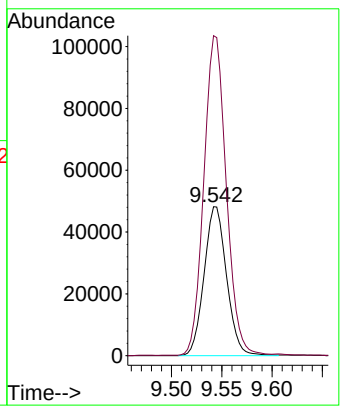


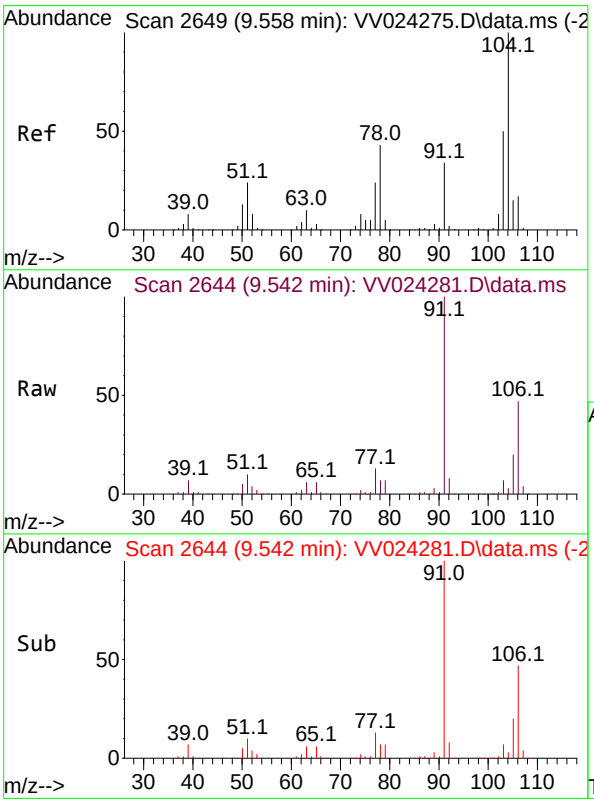
#54
o-Xylene
Concen: 27.536 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion:106 Resp: 74978

Ion	Ratio	Lower	Upper
106	100		
91	214.9	150.9	280.3

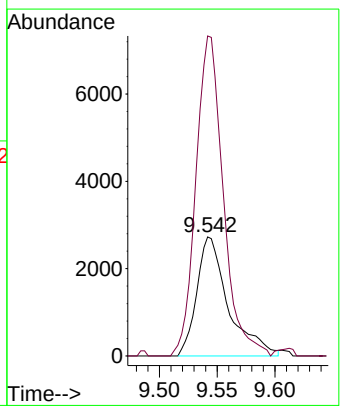


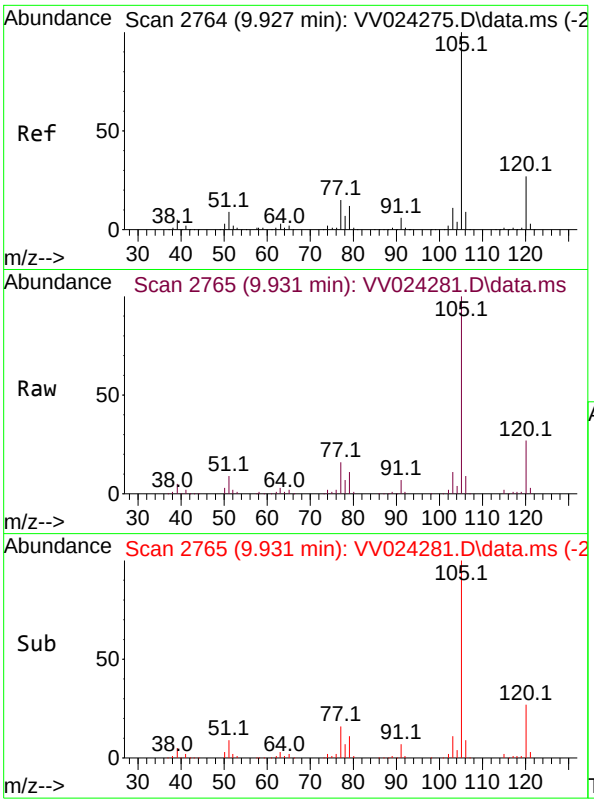


#55
Styrene
Concen: 1.098 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.016 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:104 Resp: 5193

Ion	Ratio	Lower	Upper
104	100		
78	268.8	31.5	58.5#



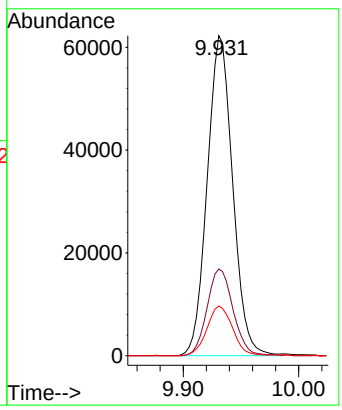


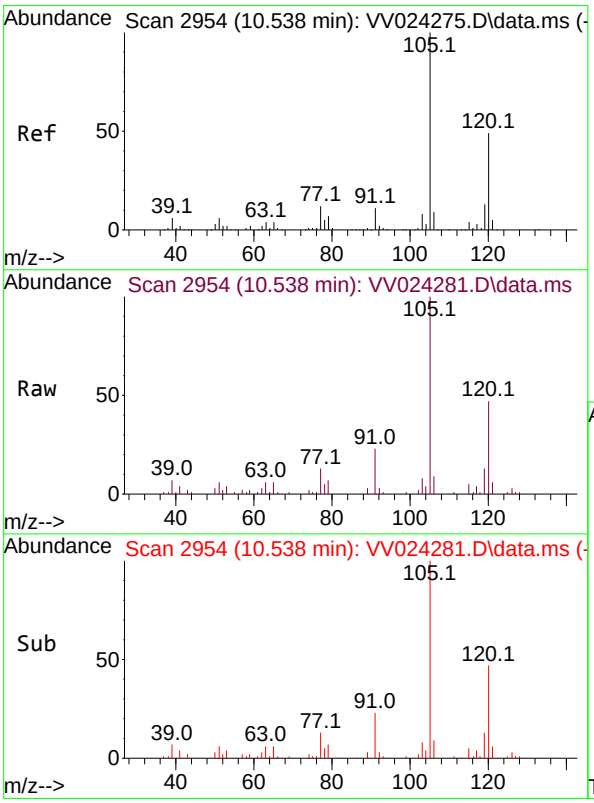
#60
Isopropylbenzene
Concen: 12.673 ug/L
RT: 9.931 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion:105 Resp: 95357

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.9	32.9
77	15.6	11.9	17.9

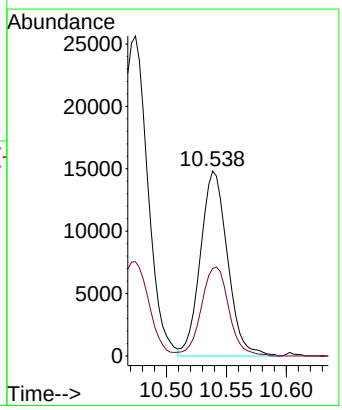


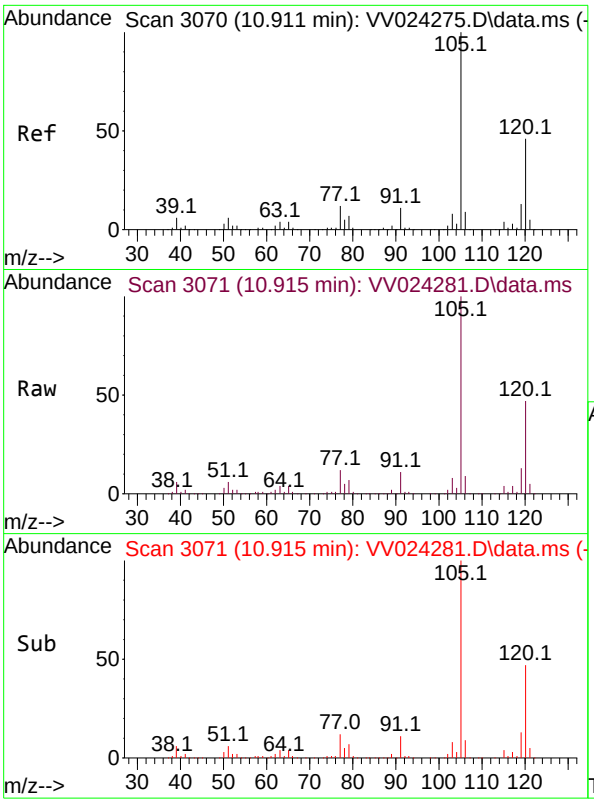


#62
1,3,5-Trimethylbenzene
Concen: 3.600 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:105 Resp: 23300

Ion	Ratio	Lower	Upper
105	100		
120	48.8	39.4	59.2



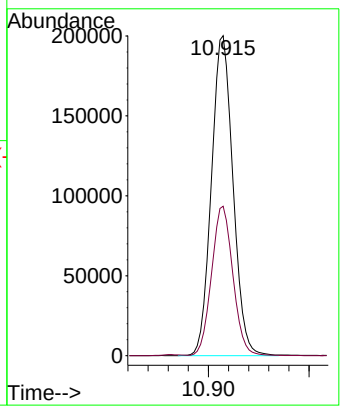


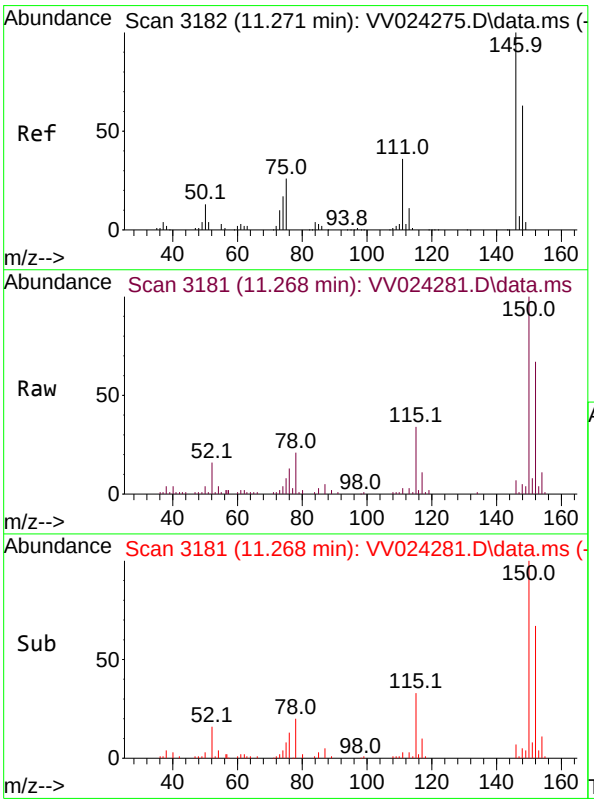
#63
1,2,4-Trimethylbenzene
Concen: 46.106 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion:105 Resp: 297919

Ion	Ratio	Lower	Upper
105	100		
120	46.2	36.6	55.0

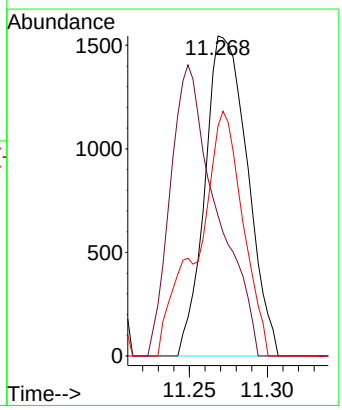


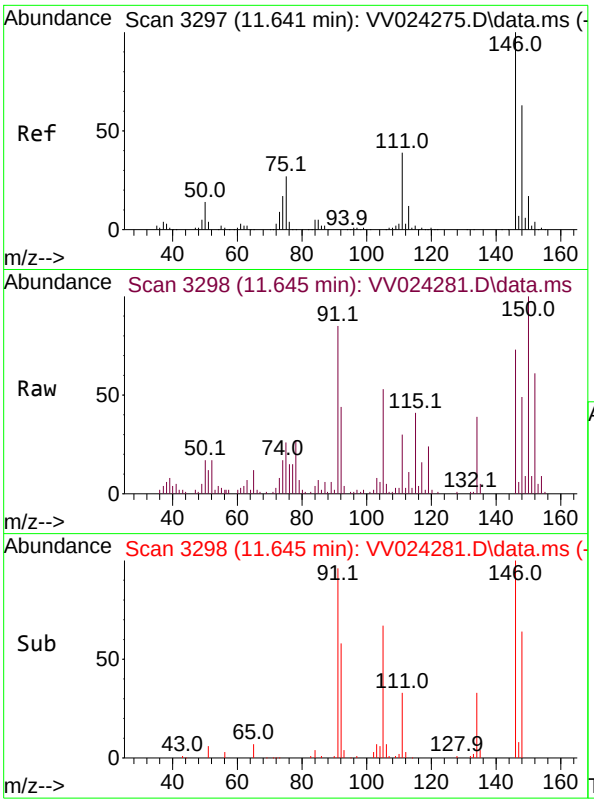


#65
1,4-Dichlorobenzene
Concen: 0.733 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:146 Resp: 2931

Ion	Ratio	Lower	Upper
146	100		
111	43.9	26.5	49.3
148	71.8	44.9	83.5



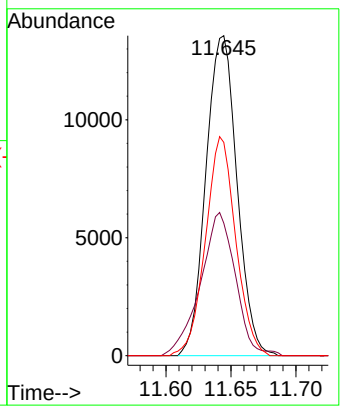


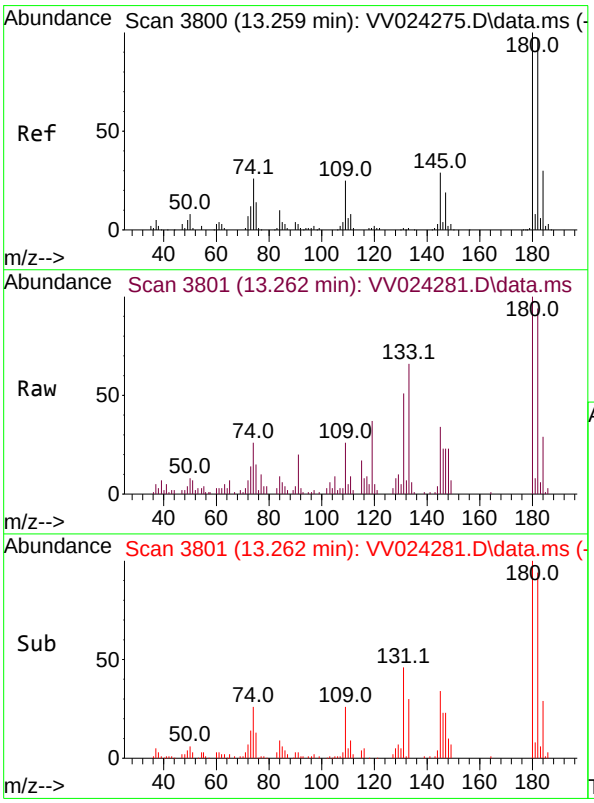
#67
1,2-Dichlorobenzene
Concen: 5.648 ug/L
RT: 11.645 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion:146 Resp: 22584

Ion	Ratio	Lower	Upper
146	100		
111	41.4	32.0	48.0
148	66.6	51.6	77.4

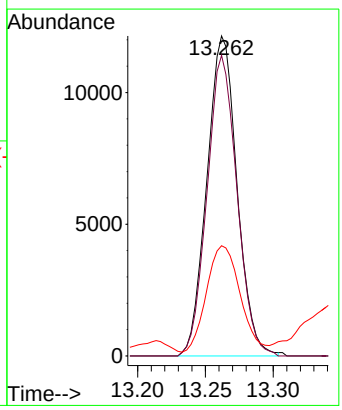


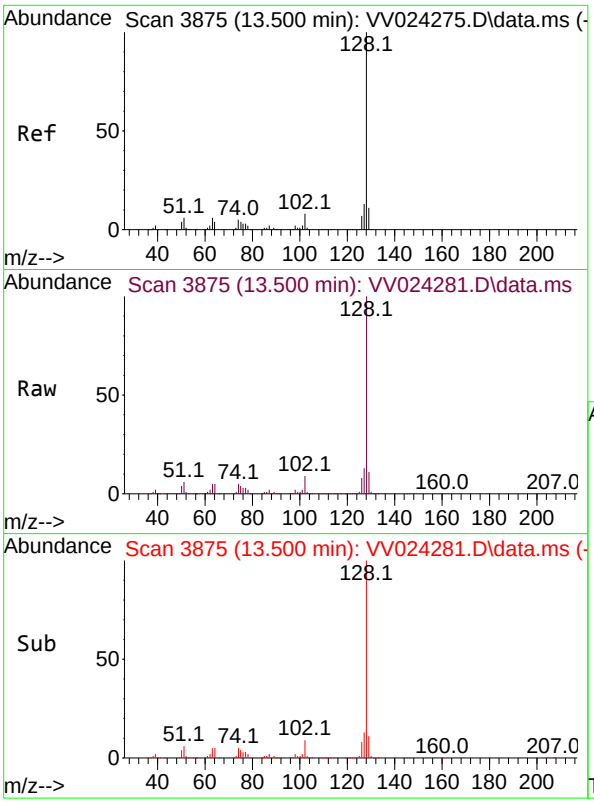


#70
1,2,4-trichlorobenzene
Concen: 7.371 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:180 Resp: 18811

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.6	113.4
145	40.0	23.9	35.9#



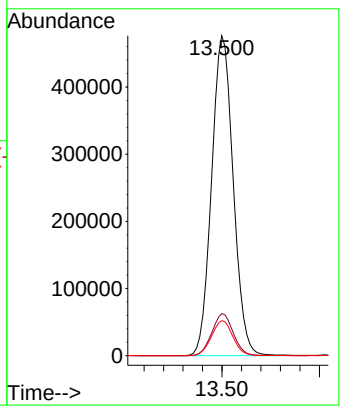


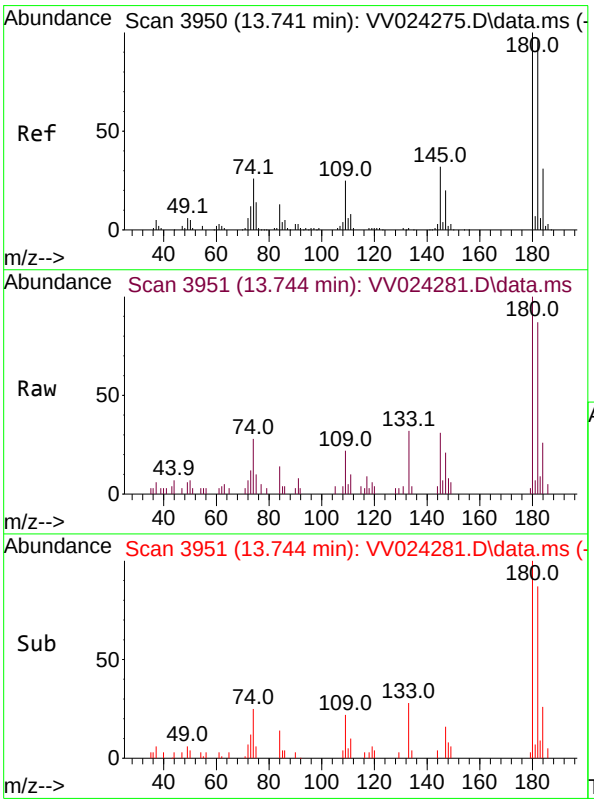
#71
Naphthalene
Concen: 99.351 ug/L
RT: 13.500 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Instrument :
MSVOA_V
ClientSampleId :
BGLH2

Tgt Ion:128 Resp: 733584

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.332 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024281.D
Acq: 05 Jan 2022 16:20

Tgt Ion:180 Resp: 6150

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	9.8	25.0	37.4#