Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024280.D
Acq On : 05 Jan 2022 15:57
Operator : SY/MD
Sample : N1025-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Quant Time: Jan 06 01:00:46 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	228971	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77594	47.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.180%			
7) Chloroethane-d5	1.568	69	60780	48.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.100%			
11) 1,1-Dichloroethene-d2	2.108	63	115104	37.374	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.740%			
21) 2-Butanone-d5	3.883	46	91994	100.200	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.200%			
24) Chloroform-d	4.349	84	146551	48.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.320%			
26) 1,2-Dichloroethane-d4	5.031	65	102458	50.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.620%			
32) Benzene-d6	5.050	84	281557	49.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.320%			
36) 1,2-Dichloropropane-d6	6.069	67	80555	50.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.360%			
41) Toluene-d8	7.317	98	271745	48.999	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.000%			
43) trans-1,3-Dichloroprop...	7.619	79	44887	48.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.120%			
47) 2-Hexanone-d5	8.085	63	70573	101.190	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.190%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	109959	47.932	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.860%			
66) 1,2-Dichlorobenzene-d4	11.622	152	128451	51.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.480%			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	3664	2.231	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1150	0.797	ug/L #	16
12) 1,1-Dichloroethene	2.114	96	1371	0.983	ug/L #	1
13) Acetone	2.179	43	35566	39.236	ug/L	99
17) trans-1,2-Dichloroethene	2.767	96	1217	0.847	ug/L	87
19) 1,1-Dichloroethane	3.191	63	9078	3.808	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	64172	41.808	ug/L	92
27) 1,2-Dichloroethane	5.098	62	2083	0.919	ug/L #	75
29) Cyclohexane	4.677	56	4719	2.405	ug/L	96
33) Benzene	5.098	78	376186	67.402	ug/L	100
35) Methylcyclohexane	6.130	83	6374	2.792	ug/L #	70
39) cis-1,3-Dichloropropene	6.985	75	3237	1.467	ug/L #	58
42) Toluene	7.387	91	1365324	217.925	ug/L	100
44) trans-1,3-Dichloropropene	7.622	75	2133	0.953	ug/L #	73
45) 1,1,2-Trichloroethane	7.789	97	1862	1.265	ug/L #	16
51) Chlorobenzene	8.882	112	26145	6.196	ug/L	98
52) Ethylbenzene	9.011	91	333898	49.887	ug/L	99
53) m,p-Xylene	9.136	106	145112	54.089	ug/L	99
54) o-Xylene	9.542	106	71316	27.847	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
Data File : VV024280.D
Acq On : 05 Jan 2022 15:57
Operator : SY/MD
Sample : N1025-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Quant Time: Jan 06 01:00:46 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	4756	1.069	ug/L	#	1
60) Isopropylbenzene	9.931	105	92079	13.232	ug/L		98
62) 1,3,5-Trimethylbenzene	10.538	105	21264	3.552	ug/L		96
63) 1,2,4-Trimethylbenzene	10.915	105	310441	51.948	ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	2751	0.743	ug/L		89
67) 1,2-Dichlorobenzene	11.641	146	21436	5.797	ug/L		97
70) 1,2,4-trichlorobenzene	13.262	180	17439	7.388	ug/L	#	94
71) Naphthalene	13.500	128	677293	99.180	ug/L		100
72) 1,2,3-Trichlorobenzene	13.744	180	5779	2.369	ug/L	#	87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010522\
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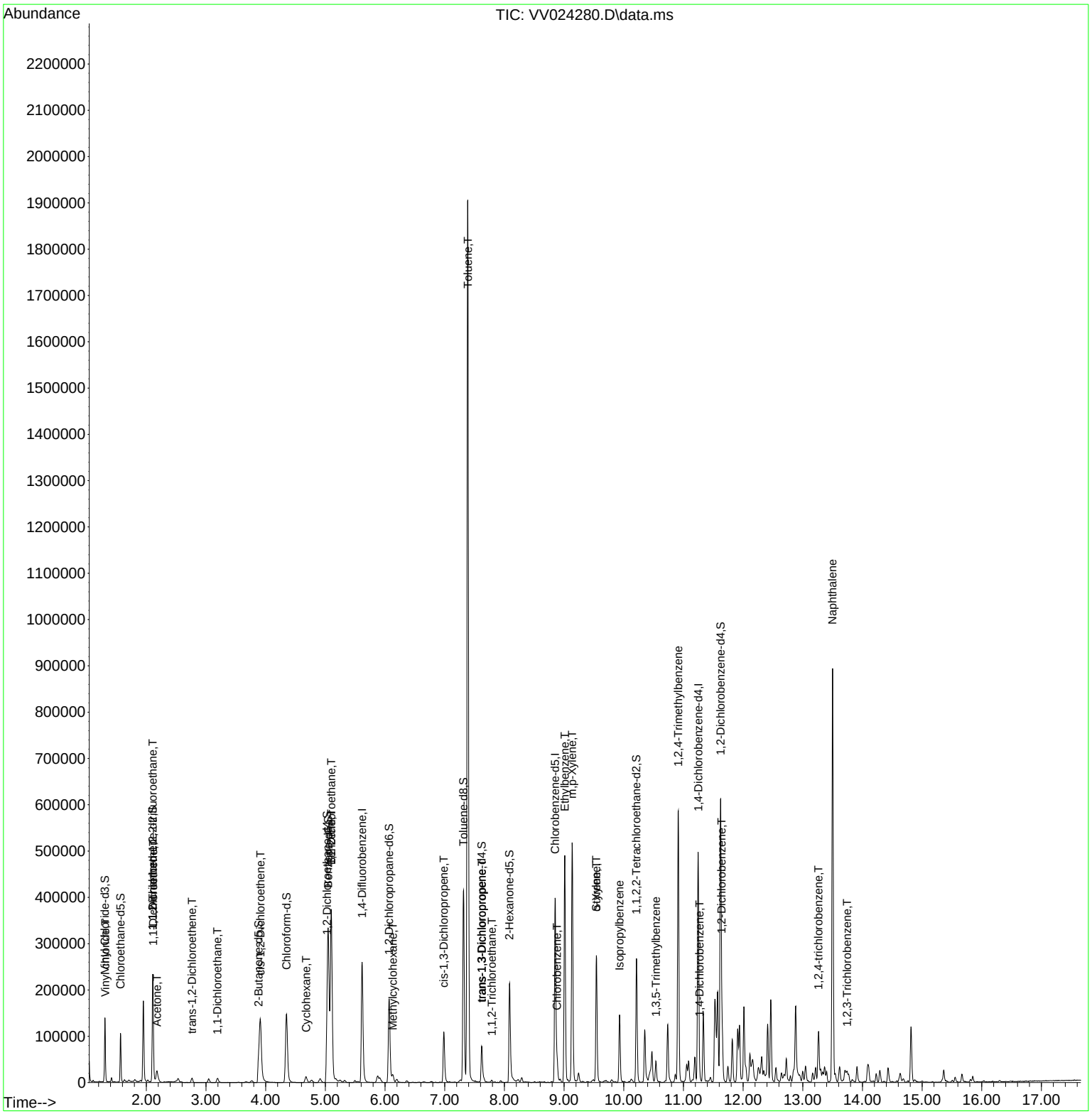
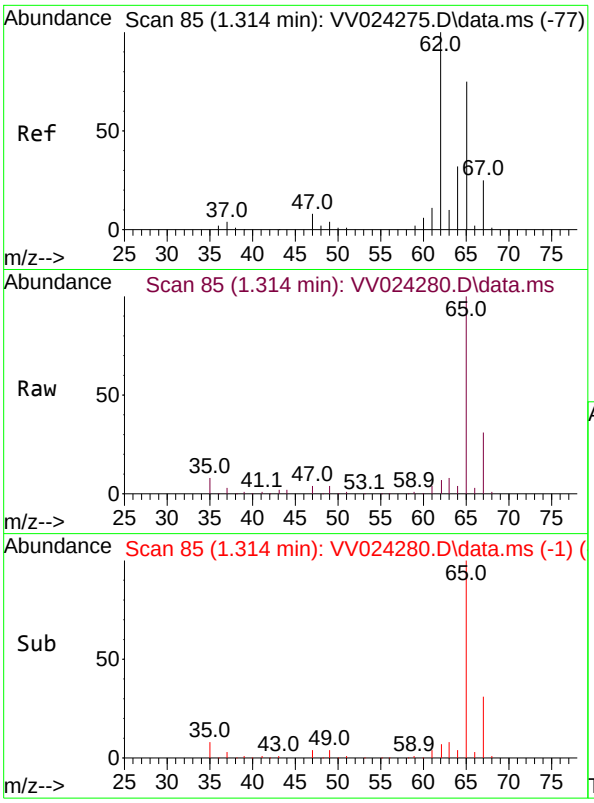
BGLH1

Quant Time: Jan 06 01:00:46 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



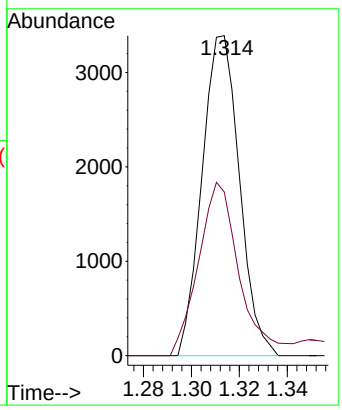


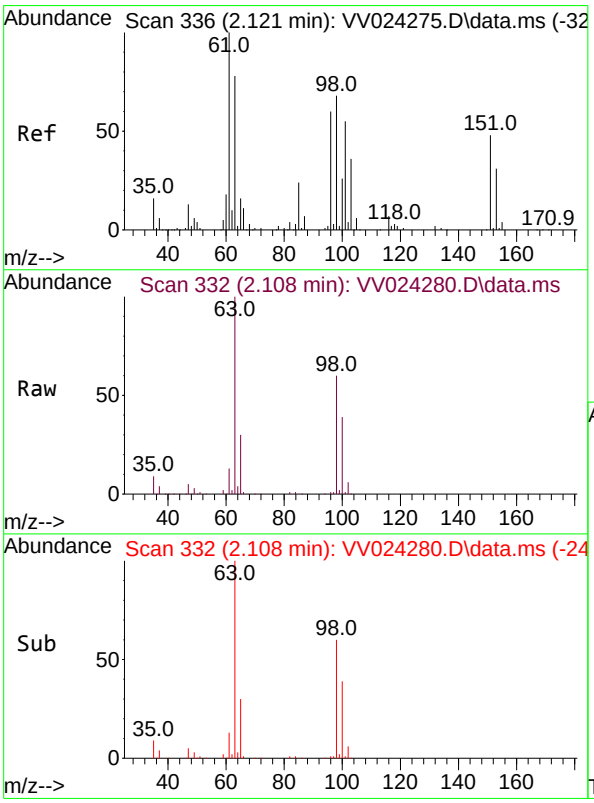
#5
Vinyl chloride
Concen: 2.231 ug/L
RT: 1.314 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 62 Resp: 3664

Ion	Ratio	Lower	Upper
62	100		
64	51.1	25.0	46.4#

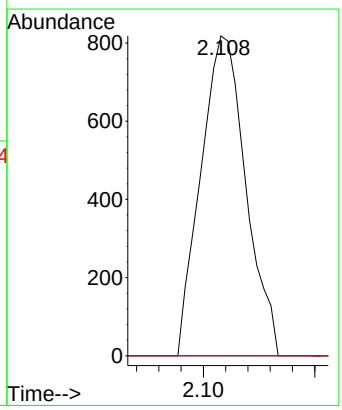


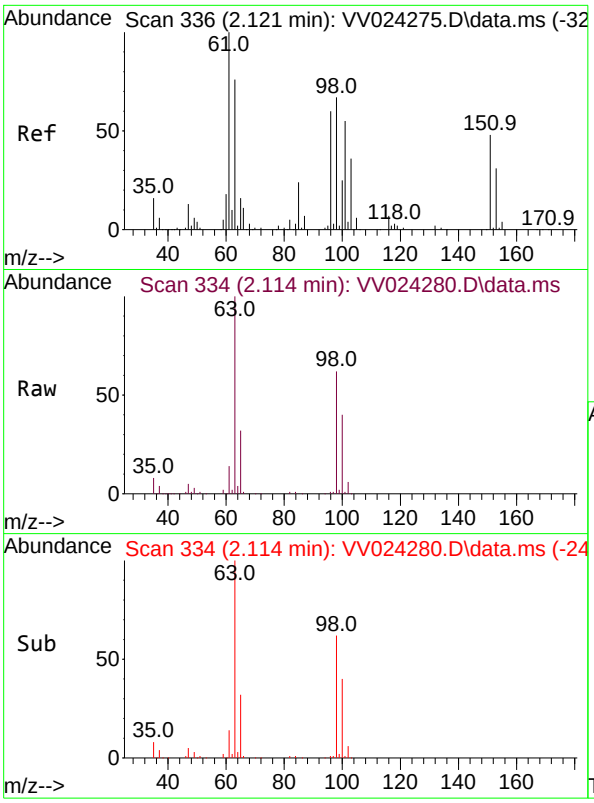


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.797 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:101 Resp: 1150

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



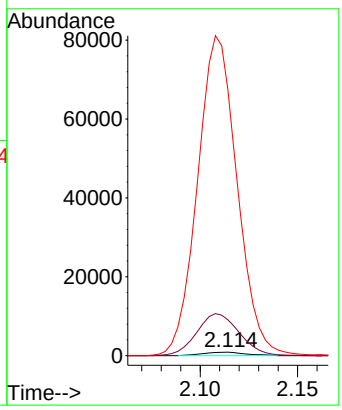


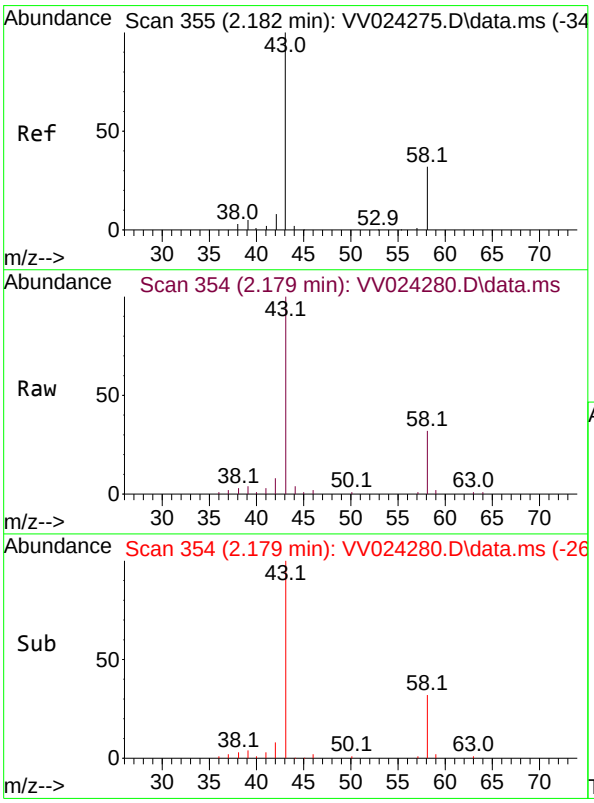
#12
1,1-Dichloroethene
Concen: 0.983 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 96 Resp: 1371

Ion	Ratio	Lower	Upper
96	100		
61	1017.7	111.9	207.9#
63	7519.1	82.7	153.5#

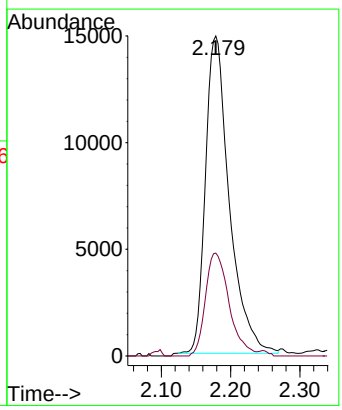


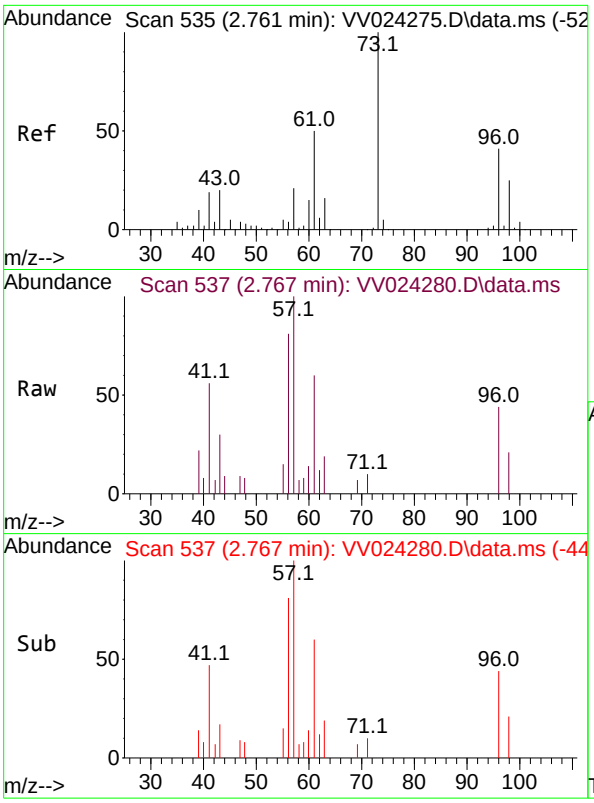


#13
Acetone
Concen: 39.236 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 43 Resp: 35566

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	63.0



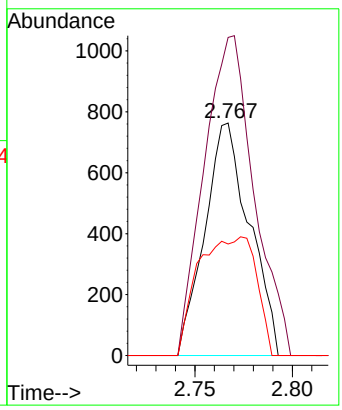


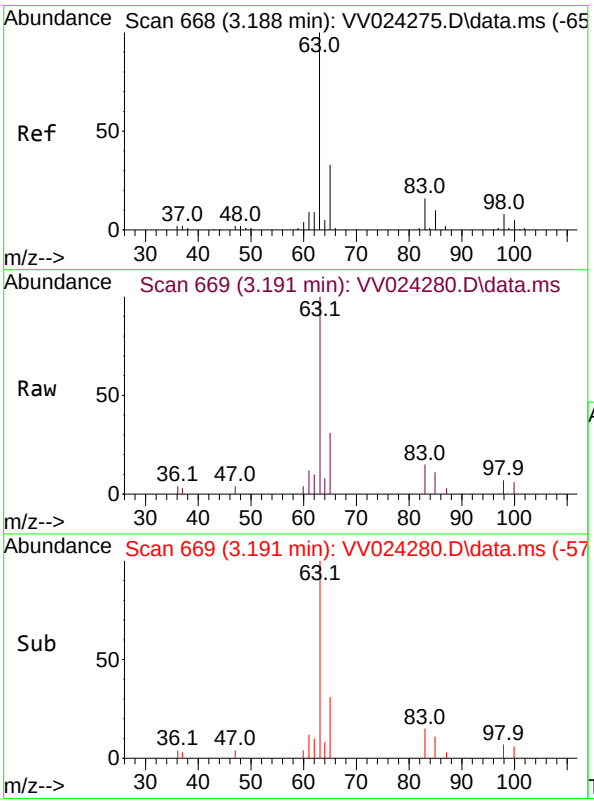
#17
trans-1,2-Dichloroethene
Concen: 0.847 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 96 Resp: 1217

Ion	Ratio	Lower	Upper
96	100		
61	136.8	88.1	163.7
98	48.0	45.0	83.6

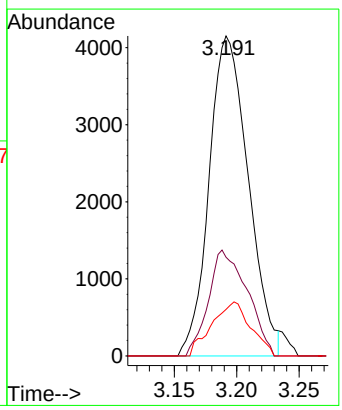


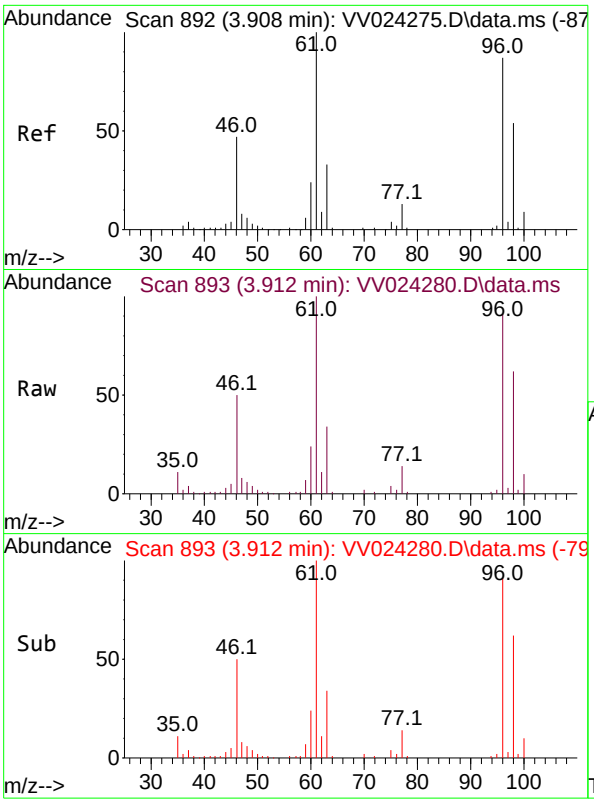


#19
1,1-Dichloroethane
Concen: 3.808 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 63 Resp: 9078

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.4	41.6
83	14.5	10.6	19.6



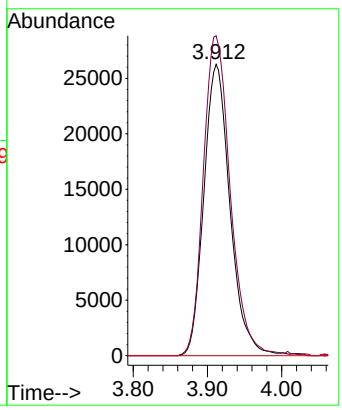


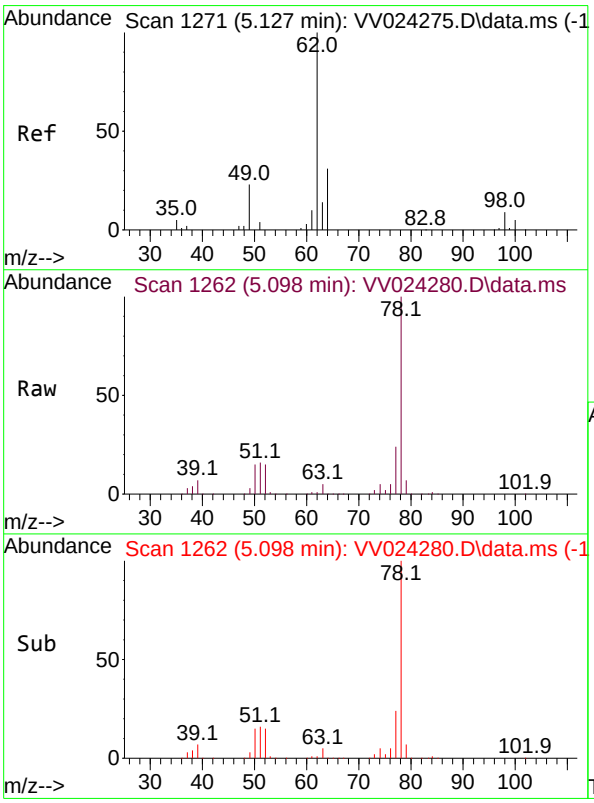
#20
cis-1,2-Dichloroethene
Concen: 41.808 ug/L
RT: 3.912 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 96 Resp: 64172

Ion	Ratio	Lower	Upper
96	100		
61	109.8	82.9	153.9
68	0.0	0.0	0.0

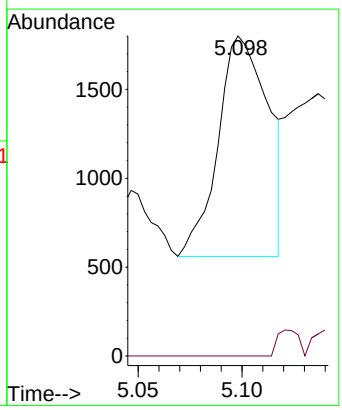


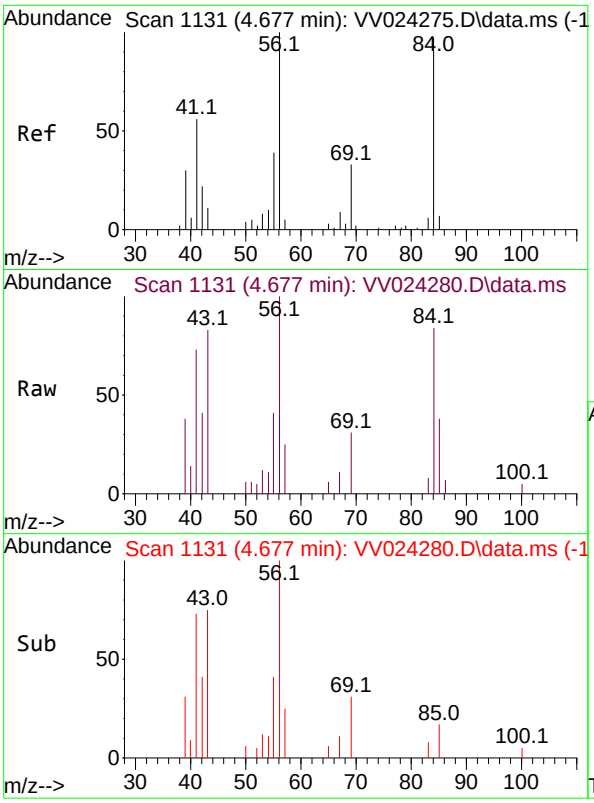


#27
1,2-Dichloroethane
Concen: 0.919 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.029 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 62 Resp: 2083

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#



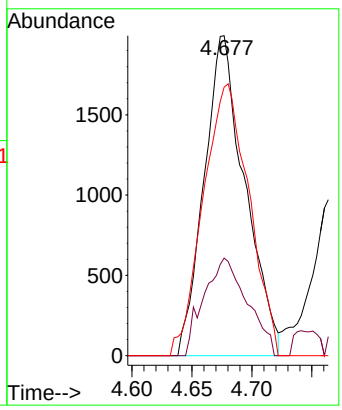


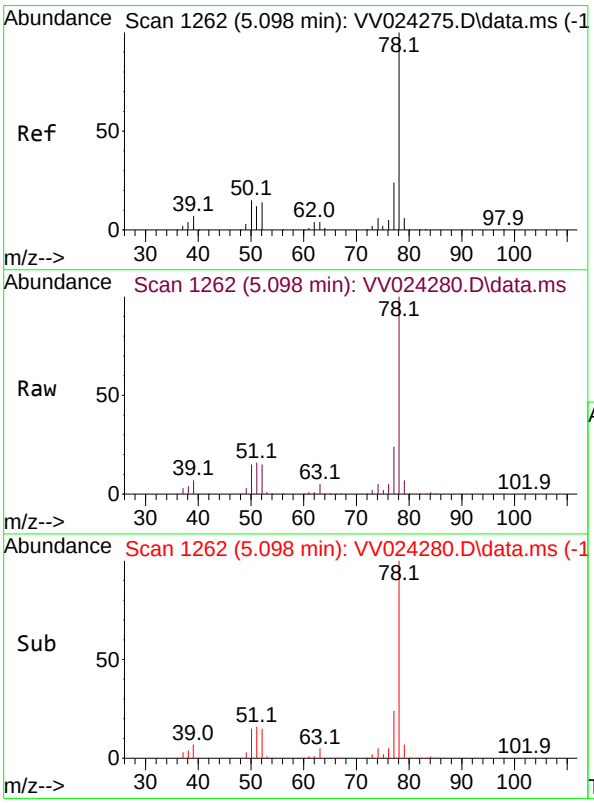
#29
Cyclohexane
Concen: 2.405 ug/L
RT: 4.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 56 Resp: 4719

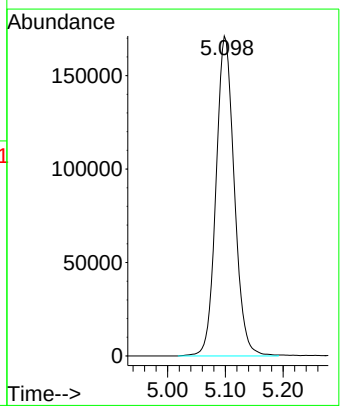
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.8	38.6
84	95.2	79.1	118.7

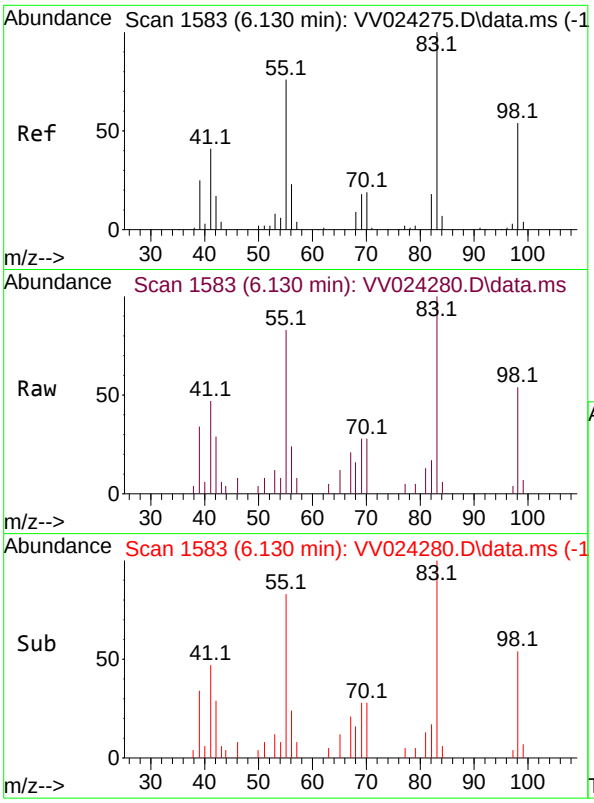




#33
Benzene
Concen: 67.402 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 78 Resp: 376186



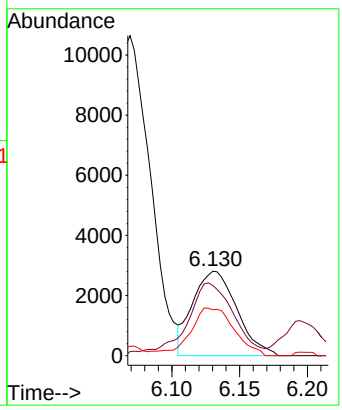


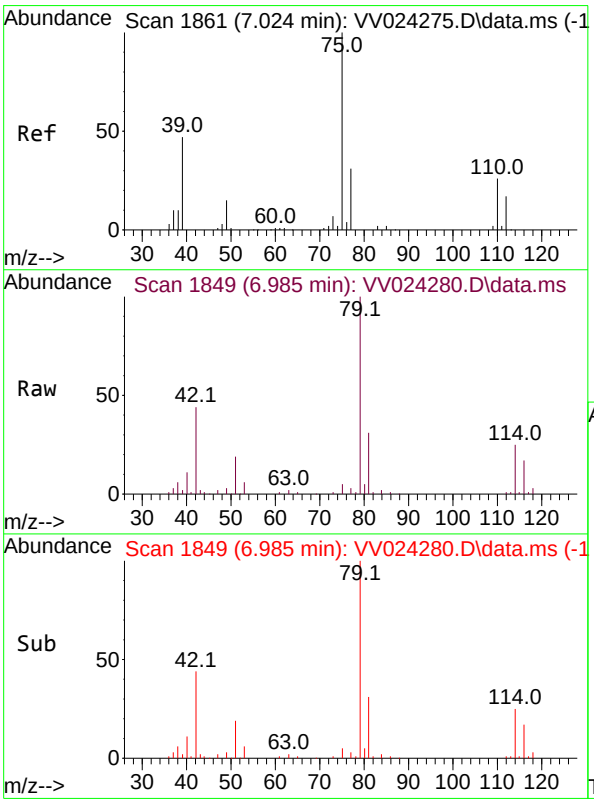
#35
Methylcyclohexane
Concen: 2.792 ug/L
RT: 6.130 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 83 Resp: 6374

Ion	Ratio	Lower	Upper
83	100		
55	88.2	55.6	83.4#
98	23.3	41.3	61.9#

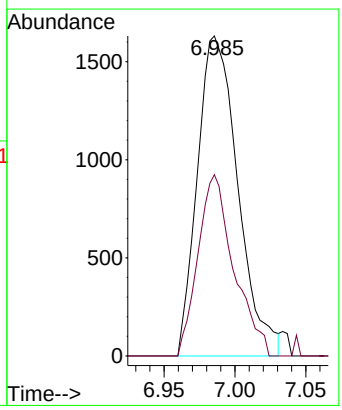


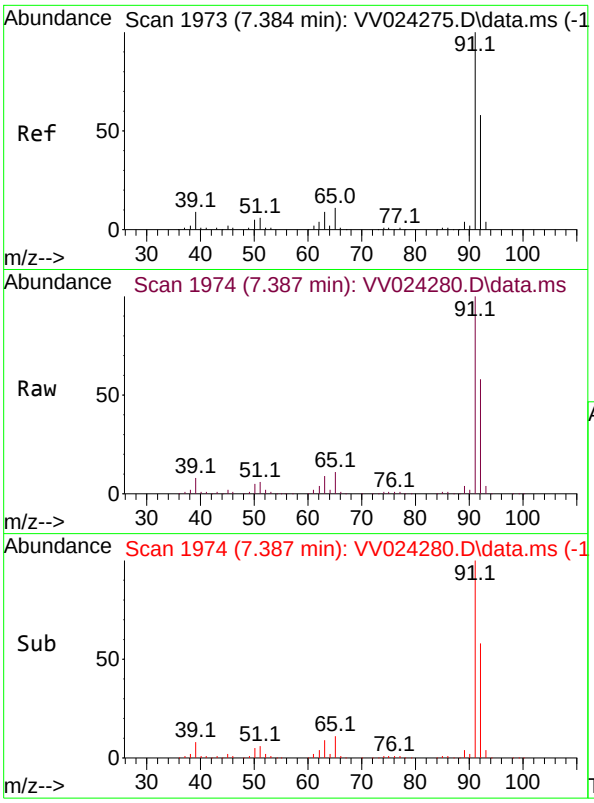


#39
cis-1,3-Dichloropropene
Concen: 1.467 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 75 Resp: 3237

Ion	Ratio	Lower	Upper
75	100		
77	56.7	23.0	42.8#



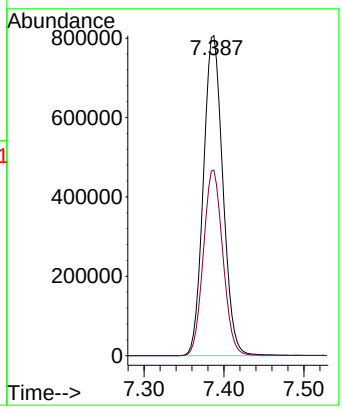


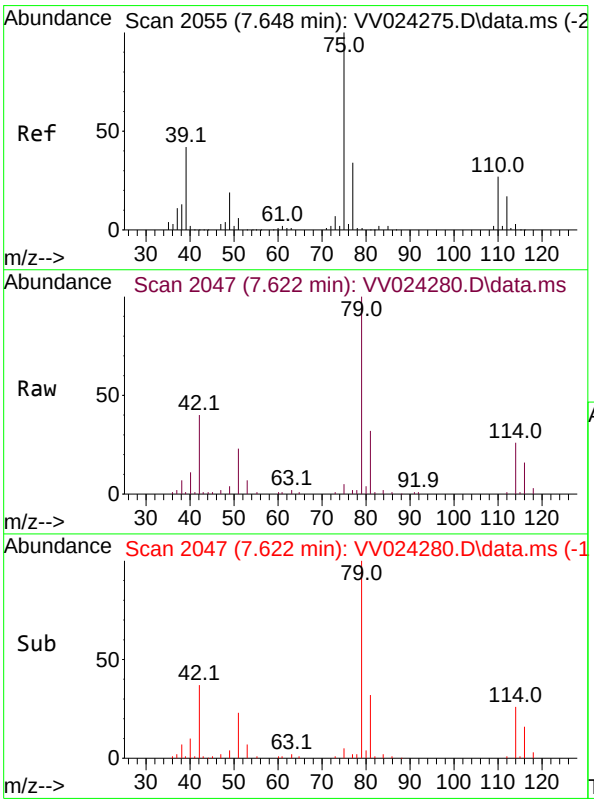
#42
Toluene
Concen: 217.925 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 91 Resp: 1365324

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.4	75.0

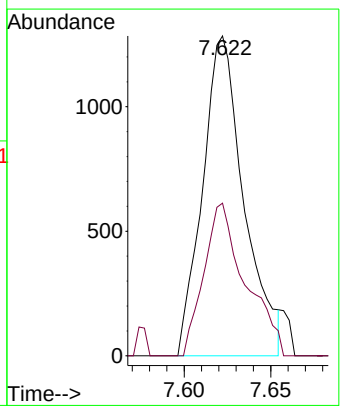


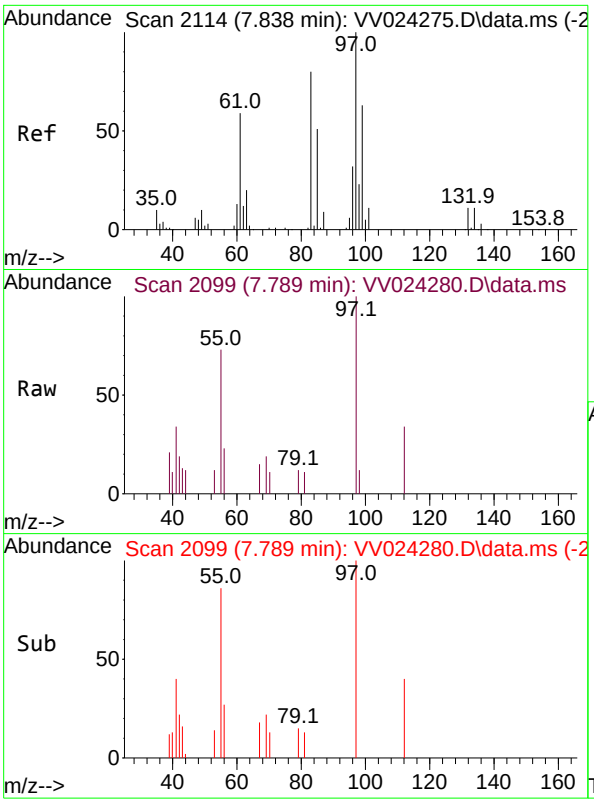


#44
trans-1,3-Dichloropropene
Concen: 0.953 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion: 75 Resp: 2133

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.7	42.1#



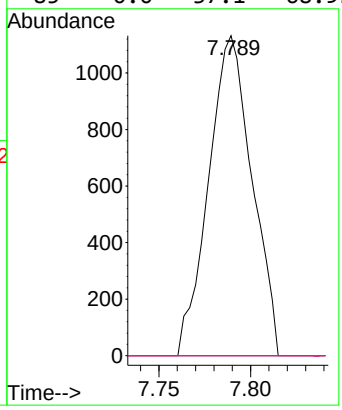


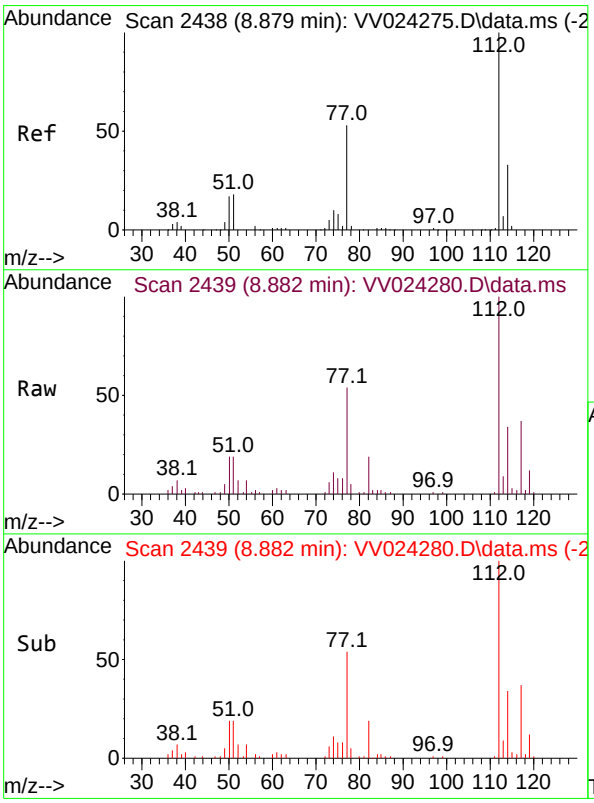
#45
1,1,2-Trichloroethane
Concen: 1.265 ug/L
RT: 7.789 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 97 Resp: 1862

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

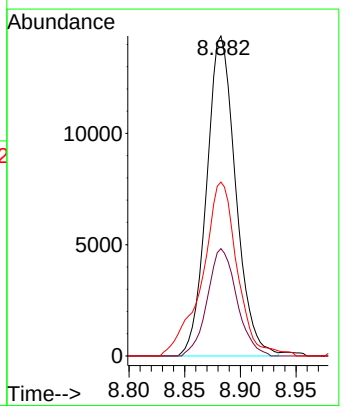


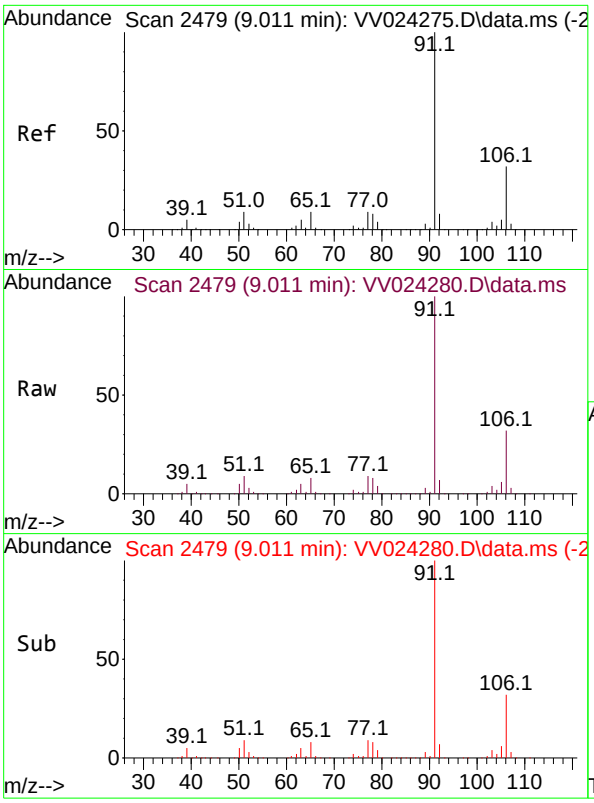


#51
Chlorobenzene
Concen: 6.196 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:112 Resp: 26145

Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.3	41.5
77	54.4	42.8	64.2



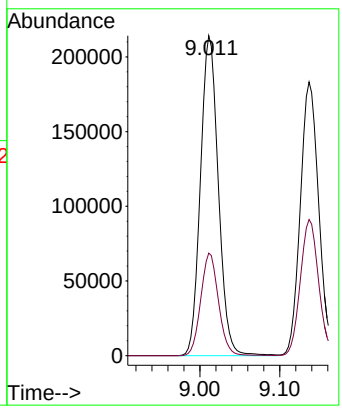


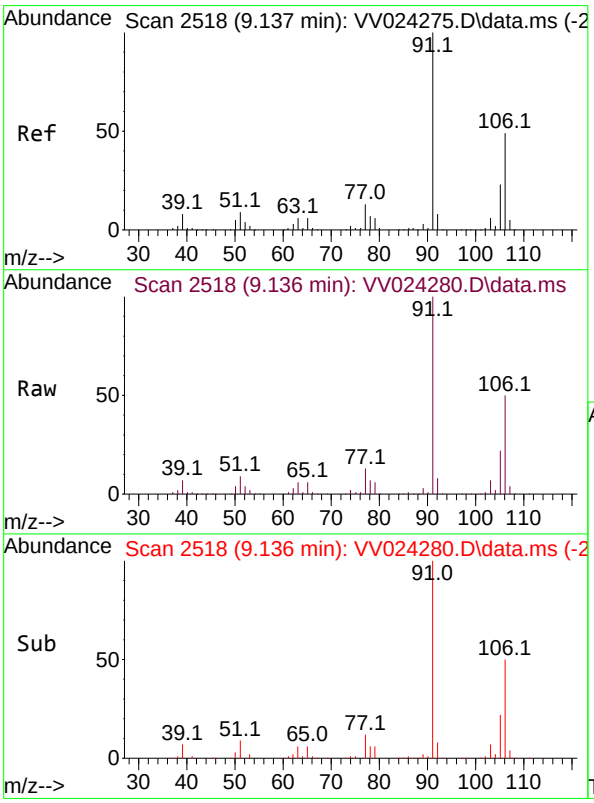
#52
Ethylbenzene
Concen: 49.887 ug/L
RT: 9.011 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion: 91 Resp: 333898

Ion	Ratio	Lower	Upper
91	100		
106	32.1	22.0	41.0

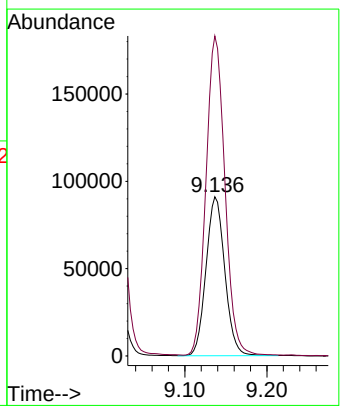


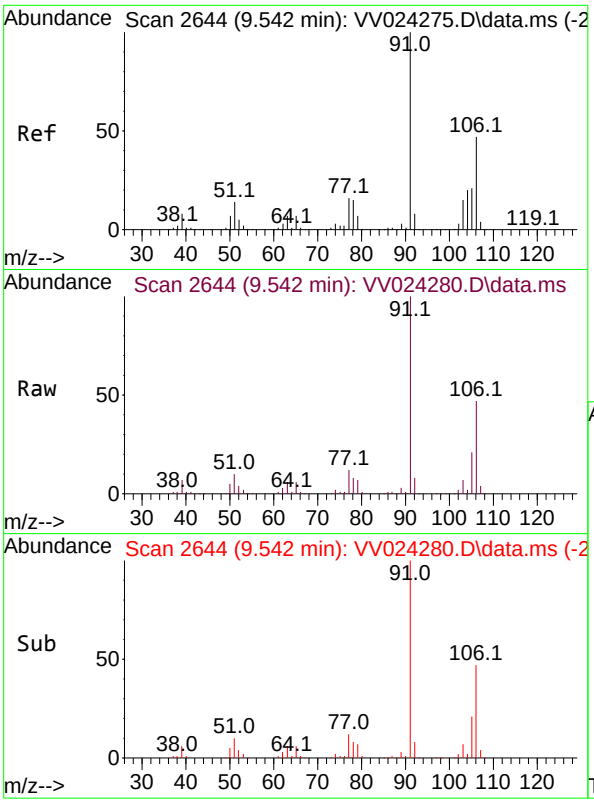


#53
m,p-Xylene
Concen: 54.089 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:106 Resp: 145112

Ion	Ratio	Lower	Upper
106	100		
91	201.0	141.8	263.4



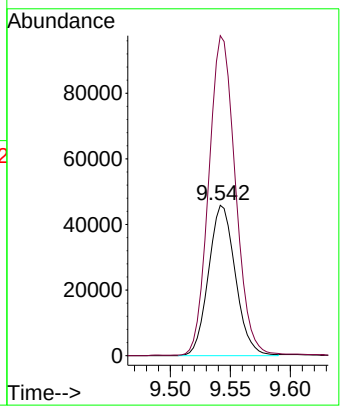


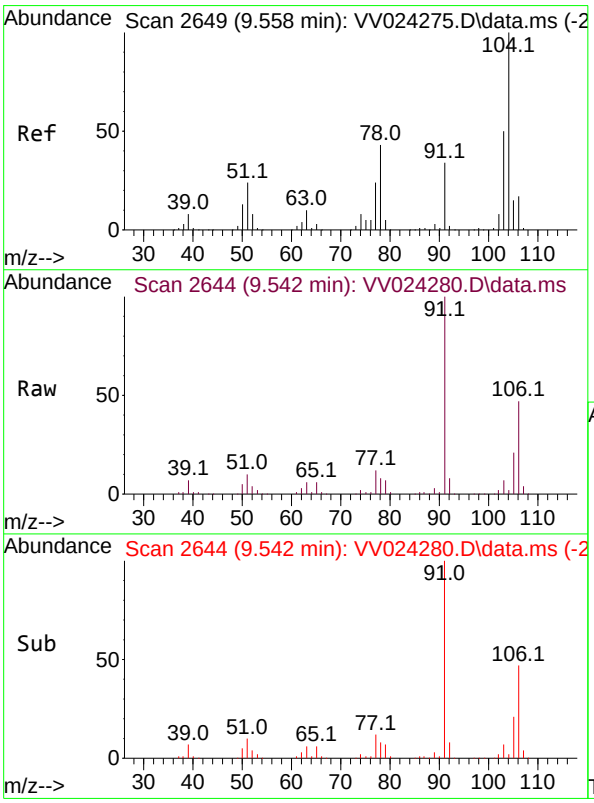
#54
o-Xylene
Concen: 27.847 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion:106 Resp: 71316

Ion	Ratio	Lower	Upper
106	100		
91	212.6	150.9	280.3

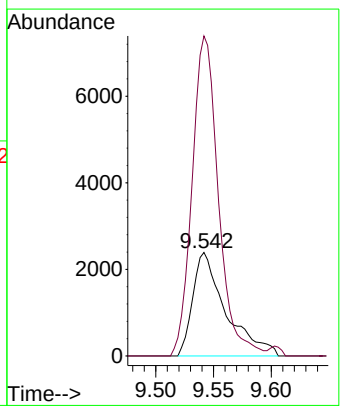


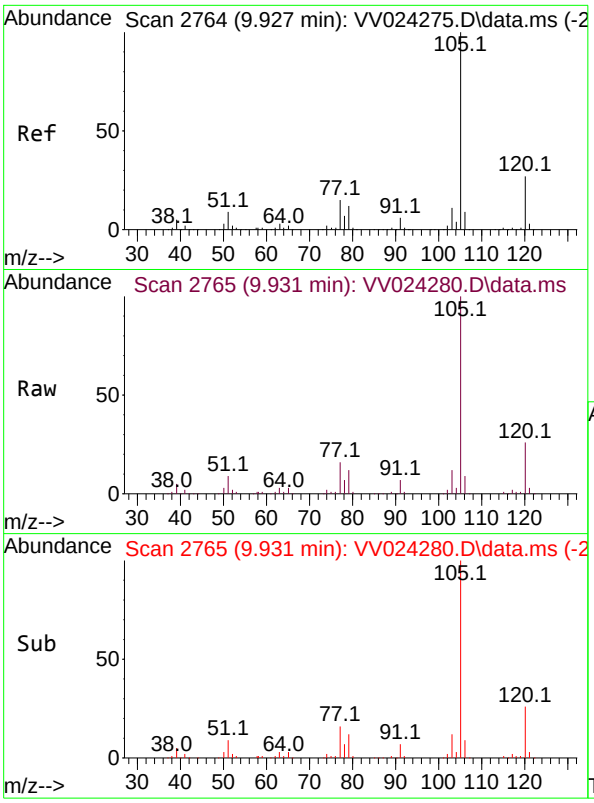


#55
Styrene
Concen: 1.069 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.016 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:104 Resp: 4756

Ion	Ratio	Lower	Upper
104	100		
78	309.2	31.5	58.5#



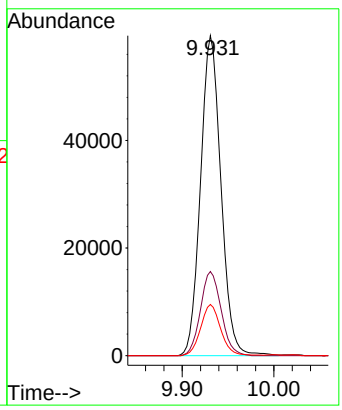


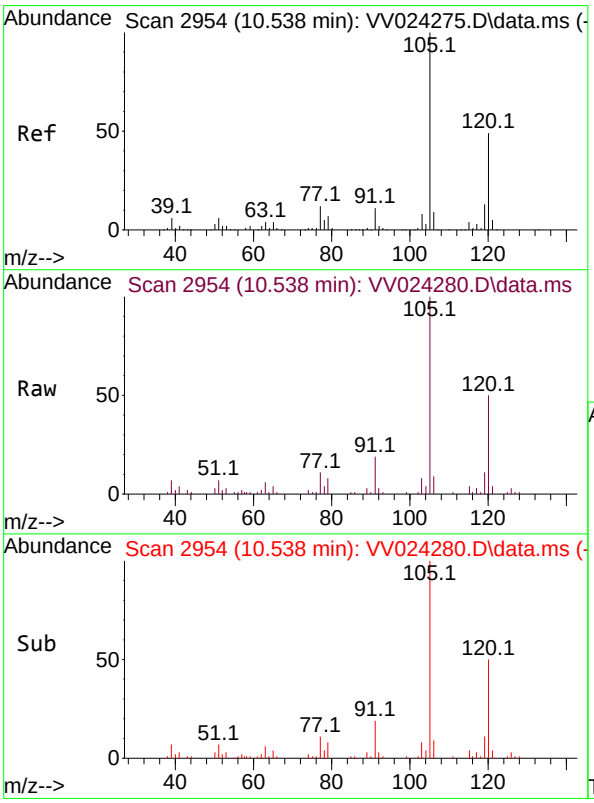
#60
Isopropylbenzene
Concen: 13.232 ug/L
RT: 9.931 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion:105 Resp: 92079

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.9	32.9
77	15.7	11.9	17.9

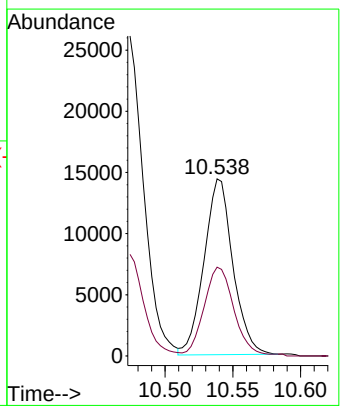


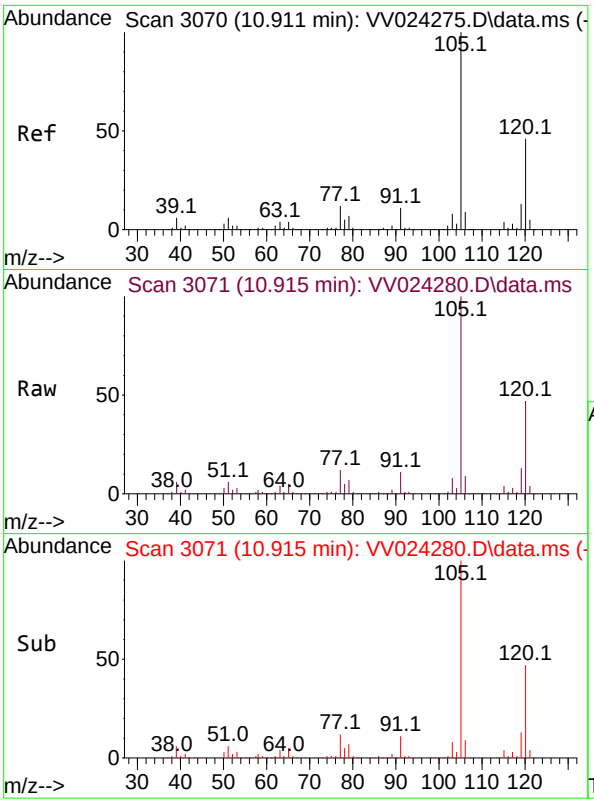


#62
1,3,5-Trimethylbenzene
Concen: 3.552 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:105 Resp: 21264

Ion	Ratio	Lower	Upper
105	100		
120	52.3	39.4	59.2



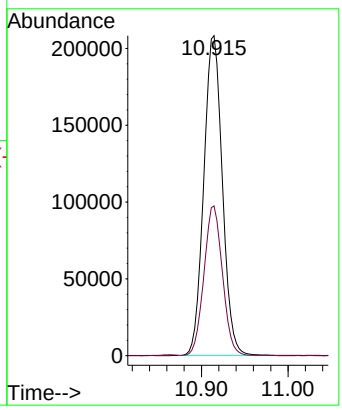


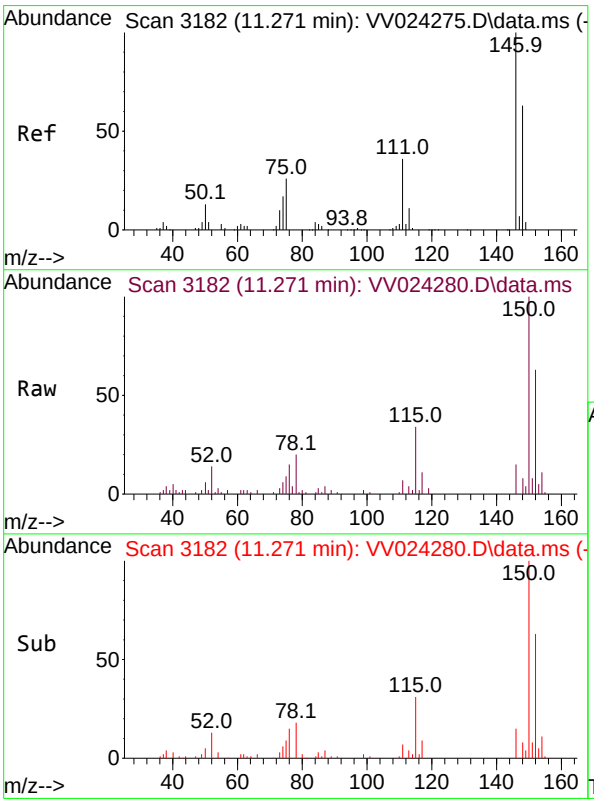
#63
1,2,4-Trimethylbenzene
Concen: 51.948 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion:105 Resp: 310441

Ion	Ratio	Lower	Upper
105	100		
120	46.7	36.6	55.0

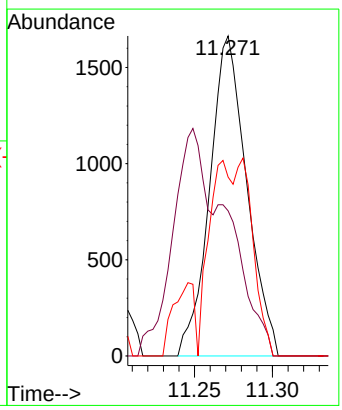


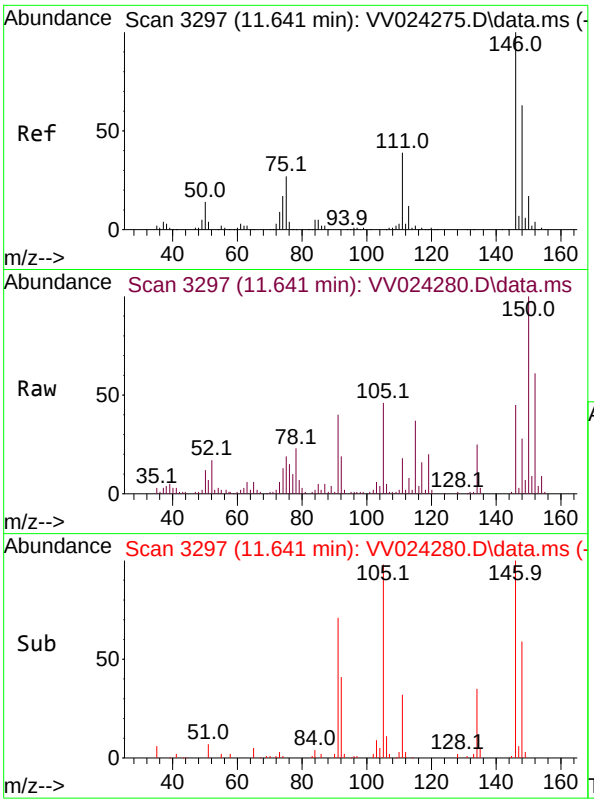


#65
1,4-Dichlorobenzene
Concen: 0.743 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:146 Resp: 2751

Ion	Ratio	Lower	Upper
146	100		
111	45.4	26.5	49.3
148	55.9	44.9	83.5



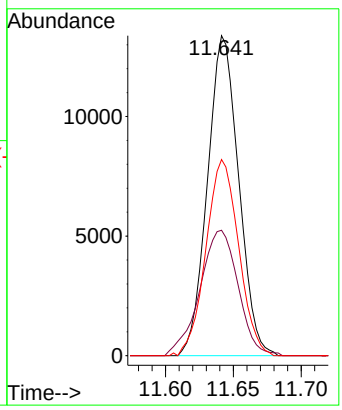


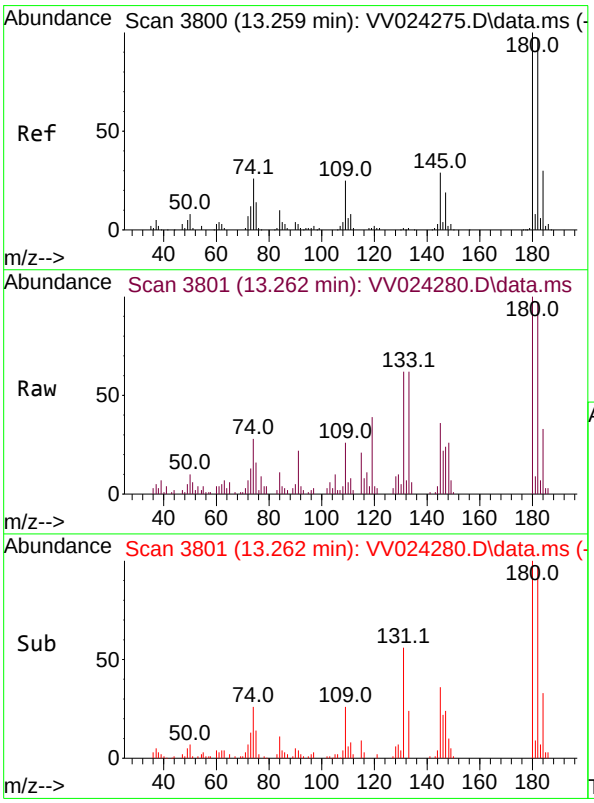
#67
1,2-Dichlorobenzene
Concen: 5.797 ug/L
RT: 11.641 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion:146 Resp: 21436

Ion	Ratio	Lower	Upper
146	100		
111	39.2	32.0	48.0
148	61.3	51.6	77.4

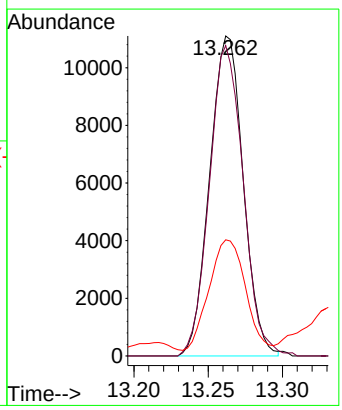


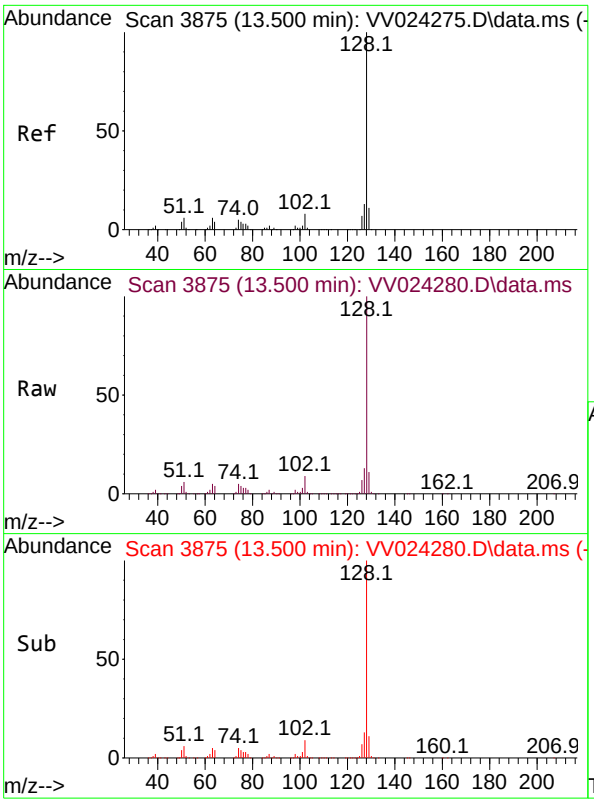


#70
1,2,4-trichlorobenzene
Concen: 7.388 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:180 Resp: 17439

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.6	113.4
145	37.2	23.9	35.9#



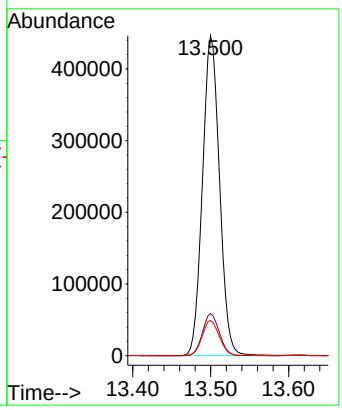


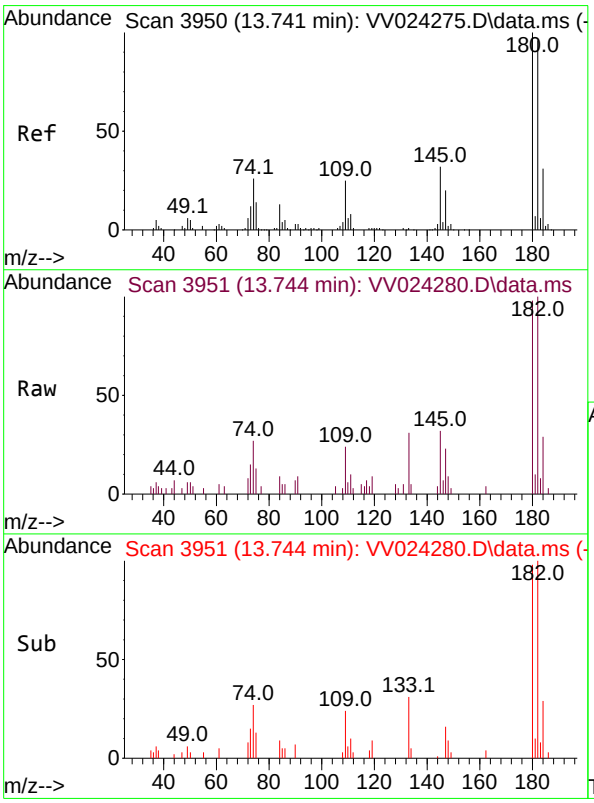
#71
Naphthalene
Concen: 99.180 ug/L
RT: 13.500 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :
BGLH1

Tgt Ion:128 Resp: 677293

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.369 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024280.D
Acq: 05 Jan 2022 15:57

Tgt Ion:180 Resp: 5779

Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.1	114.1
145	13.2	25.0	37.4#