Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
Data File : VW029590.D
Acq On : 16 Jul 2024 15:15
Operator : SY/MD
Sample : P3263-01
Misc : 5.75g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 17 00:55:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 17 00:53:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	447750	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	385858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96375	13.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.280%			
7) Chloroethane-d5	2.893	69	76738	14.734	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.920%			
11) 1,1-Dichloroethene-d2	4.015	65	47657	14.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.680%			
21) 2-Butanone-d5	7.075	46	56669	26.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.200%			
24) Chloroform-d	7.642	84	223055	17.232	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 68.920%			
26) 1,2-Dichloroethane-d4	8.301	65	128759	16.959	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 67.840%#			
32) Benzene-d6	8.270	84	418964	18.125	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.520%			
36) 1,2-Dichloropropane-d6	9.270	67	140996	19.077	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 76.320%			
41) Toluene-d8	10.319	98	357371	17.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.320%			
43) trans-1,3-Dichloroprop...	10.575	79	49885	15.939	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.760%			
47) 2-Hexanone-d5	10.922	63	40107	29.864	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.720%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94504	15.749	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	90613	17.673	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.680%#			
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	41928	5.230	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	2103	0.341	ug/L	97
25) Chloroform	7.673	83	5519	0.451	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	3061	0.347	ug/L	96
31) Carbon tetrachloride	8.069	117	2774	0.344	ug/L	95
34) Trichloroethene	9.087	95	2626	0.412	ug/L	87
35) Methylcyclohexane	9.331	83	3130	0.305	ug/L	89
42) Toluene	10.386	91	8909	0.361	ug/L	92
45) 1,1,2-Trichloroethane	10.788	97	1730	0.360	ug/L	90
46) Tetrachloroethene	10.861	164	5042	1.113	ug/L	80
51) Chlorobenzene	11.654	112	5827	0.365	ug/L #	88
52) Ethylbenzene	11.727	91	10057	0.359	ug/L	100
53) m,p-Xylene	11.831	106	3555	0.346	ug/L	89
60) Isopropylbenzene	12.458	105	7610	0.367	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.940	105	5032	0.341	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	5648	0.347	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	3580	0.386	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	3884	0.408	ug/L #	81
67) 1,2-Dichlorobenzene	13.867	146	3233	0.385	ug/L #	91

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
Data File : VW029590.D
Acq On : 16 Jul 2024 15:15
Operator : SY/MD
Sample : P3263-01
Misc : 5.75g/10mL/MSVOA_W/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 17 00:55:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 17 00:53:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
Data File : VW029590.D
Acq On : 16 Jul 2024 15:15
Operator : SY/MD
Sample : P3263-01
Misc : 5.75g/10mL/MSVOA_W/SOIL/A
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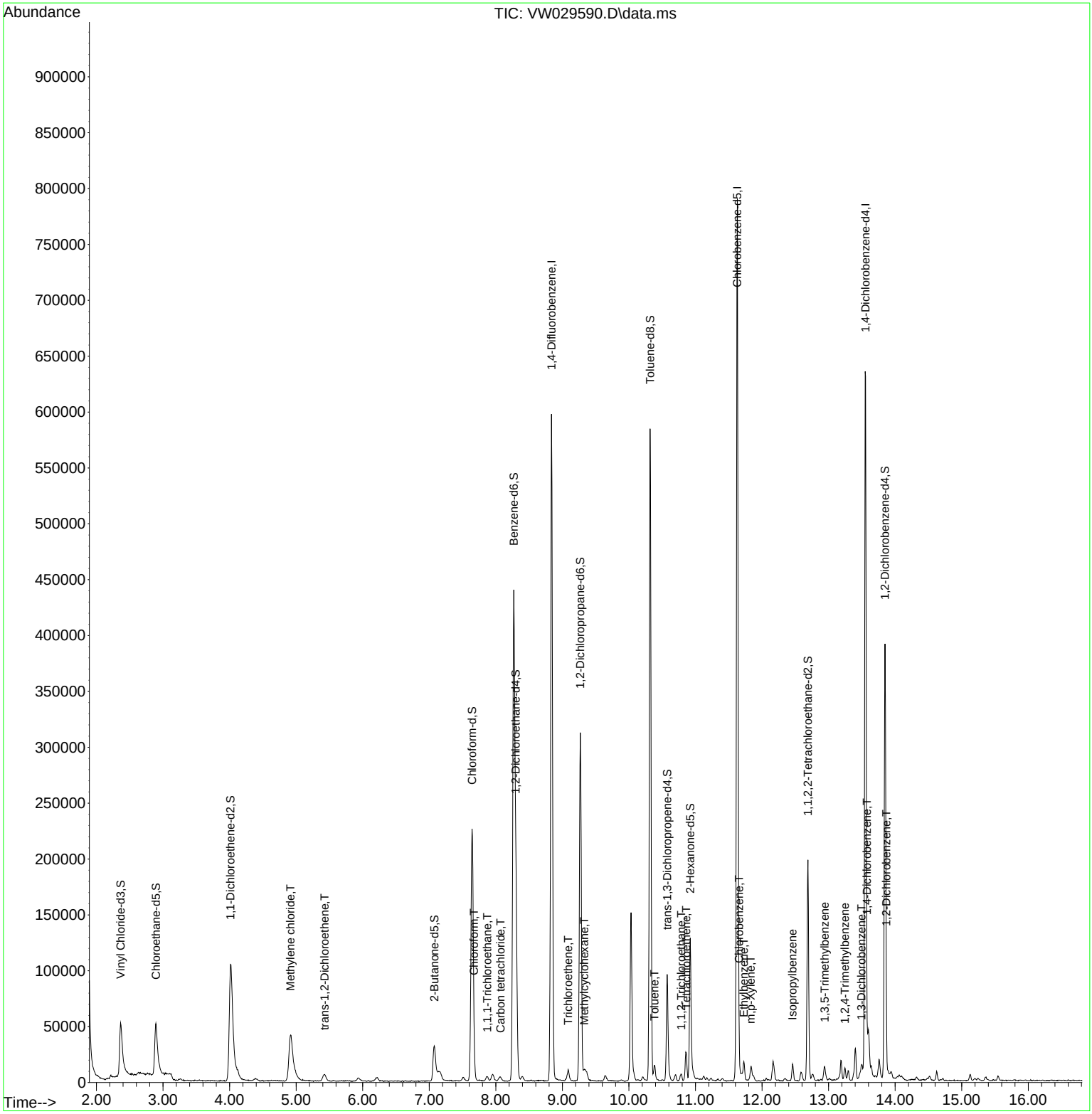
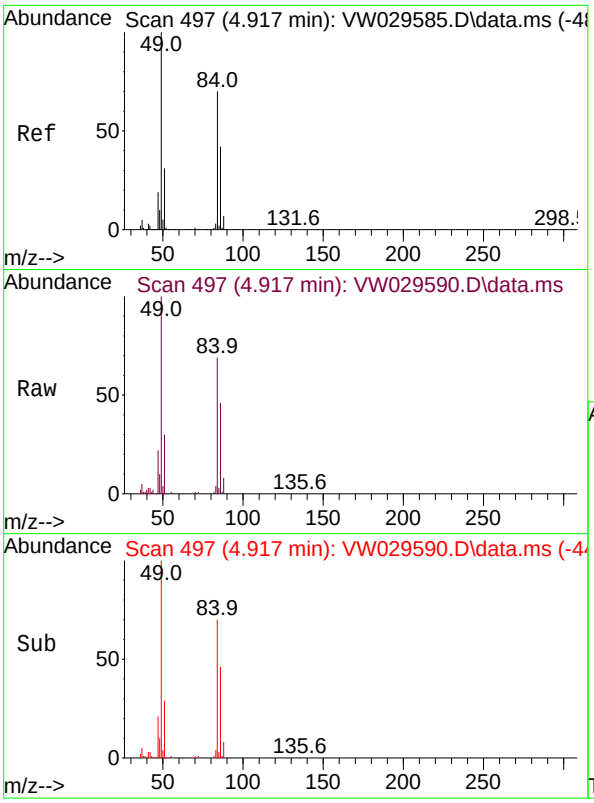
Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 17 00:55:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 17 00:53:35 2024
Response via : Initial Calibration



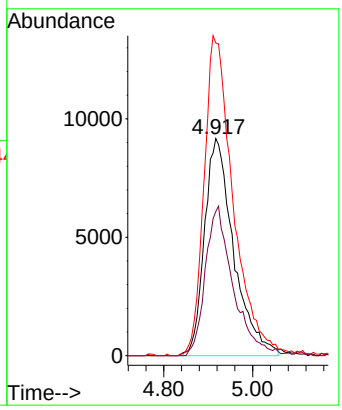


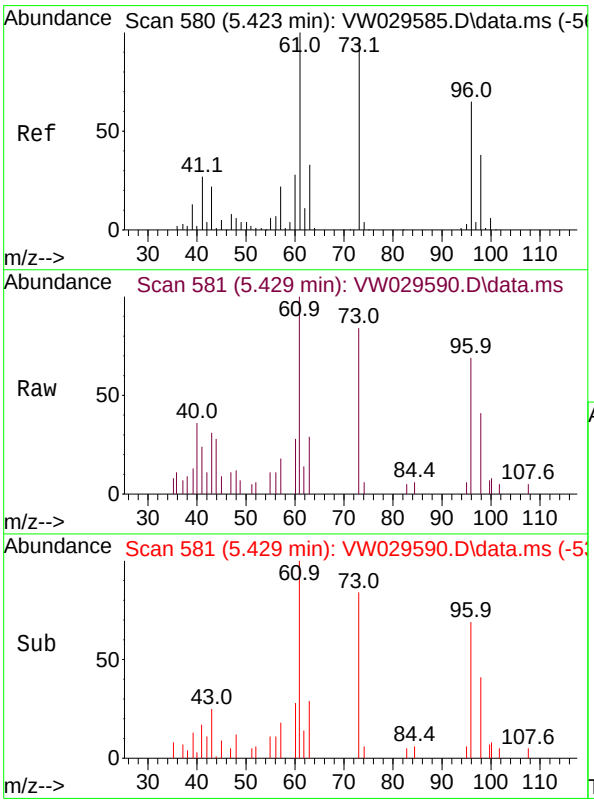
#16
Methylene chloride
Concen: 5.230 ug/L
RT: 4.917 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 41928

Ion	Ratio	Lower	Upper
84	100		
86	66.4	46.2	85.8
49	144.0	96.7	179.7

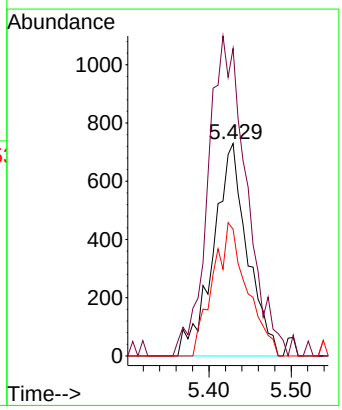


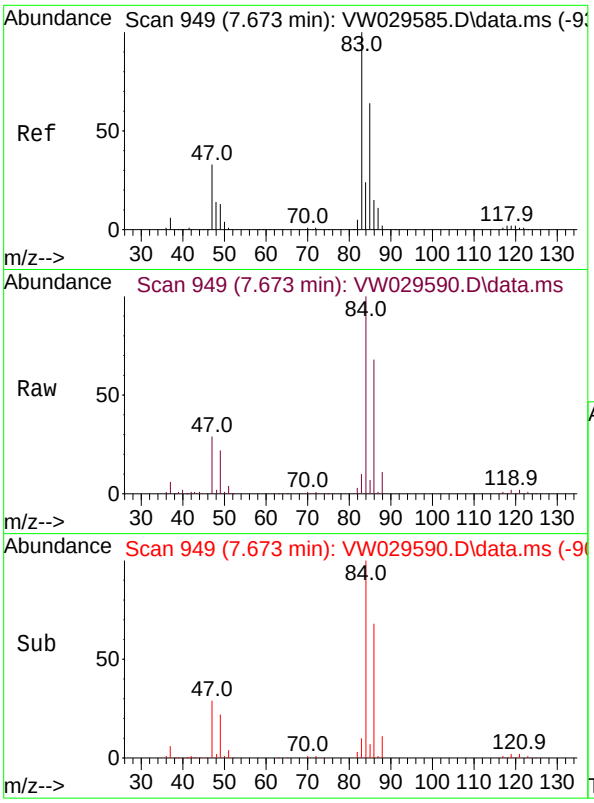


#17
trans-1,2-Dichloroethene
Concen: 0.341 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion: 96 Resp: 2103

Ion	Ratio	Lower	Upper
96	100		
61	144.7	102.9	191.1
98	59.6	43.9	81.5



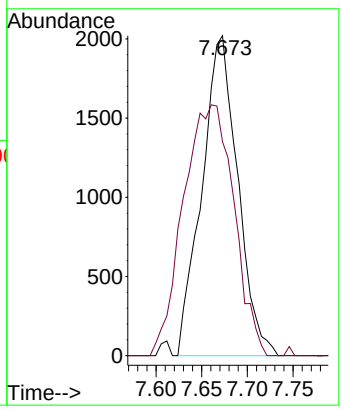


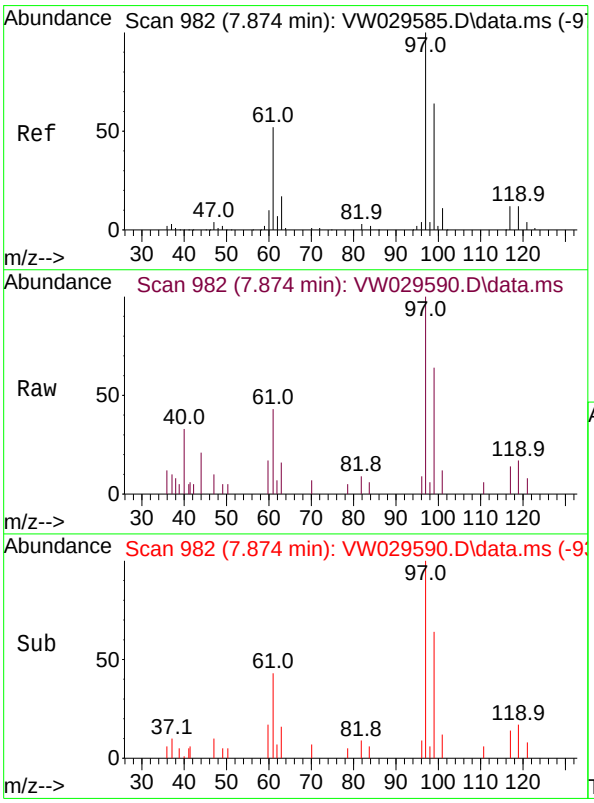
#25
Chloroform
Concen: 0.451 ug/L
RT: 7.673 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 5519

Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.1	81.9

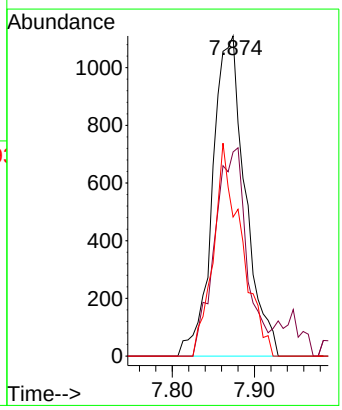


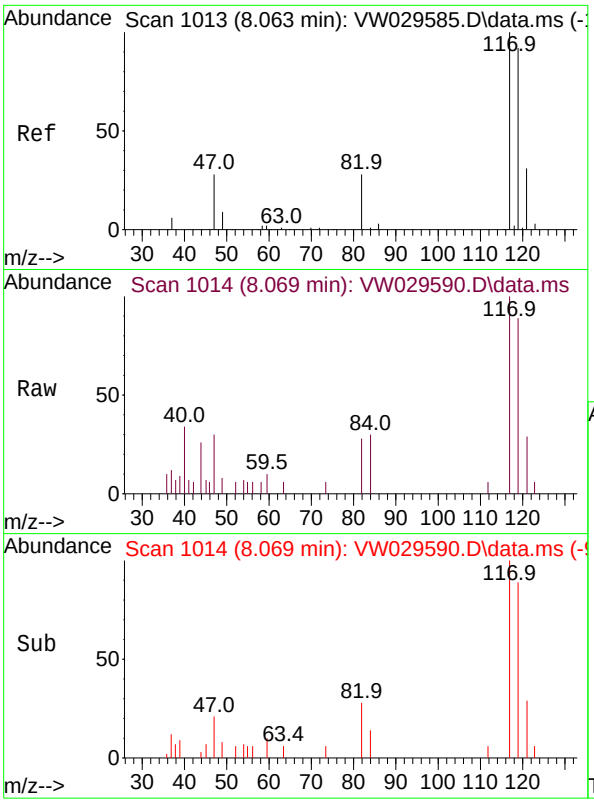


#30
1,1,1-Trichloroethane
Concen: 0.347 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion: 97 Resp: 3061

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	57.1	40.6	61.0



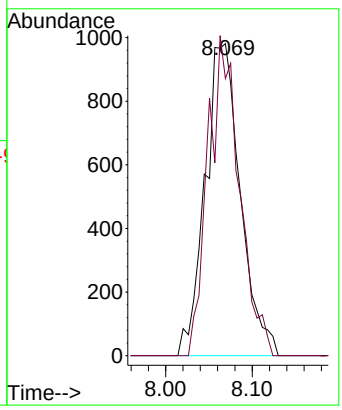


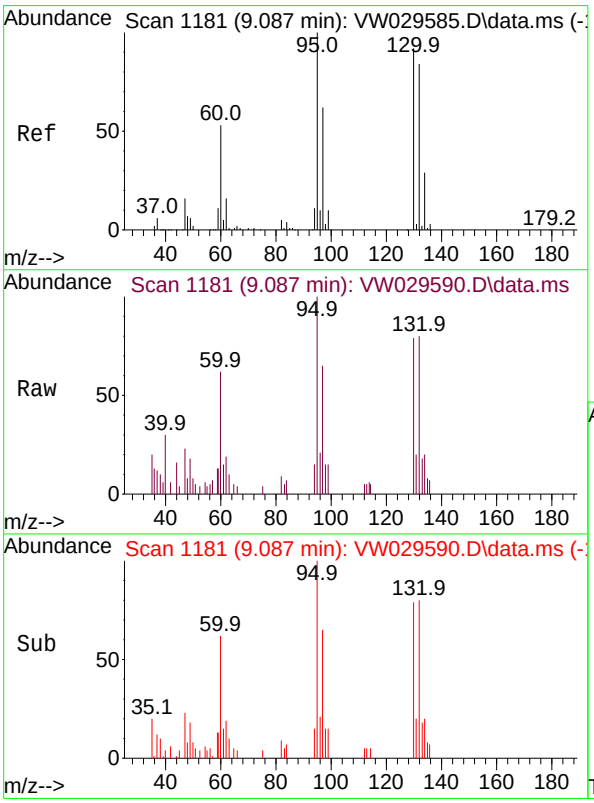
#31
Carbon tetrachloride
Concen: 0.344 ug/L
RT: 8.069 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 2774

Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.0	115.6

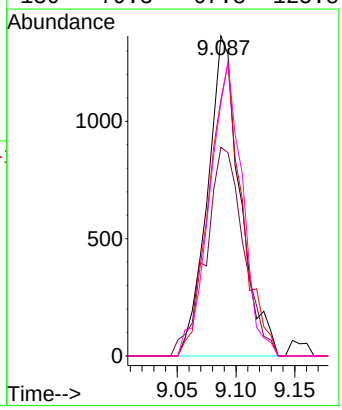


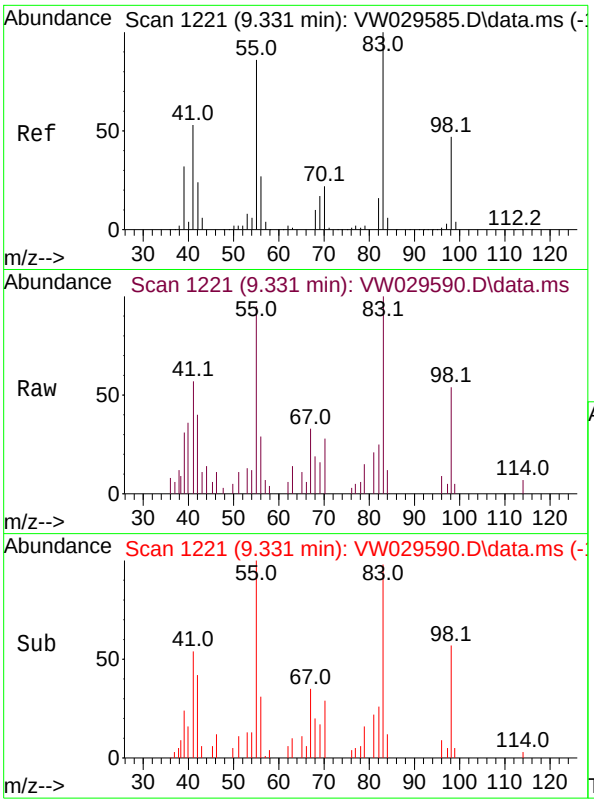


#34
Trichloroethene
Concen: 0.412 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion: 95 Resp: 2626

Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.3	87.9
132	80.2	65.8	122.2
130	79.3	67.8	125.8



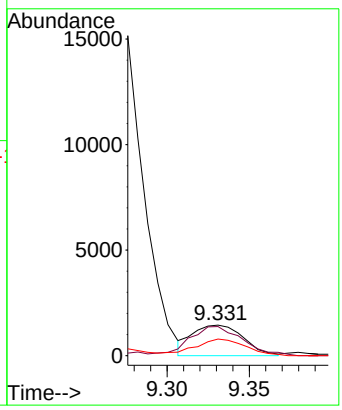


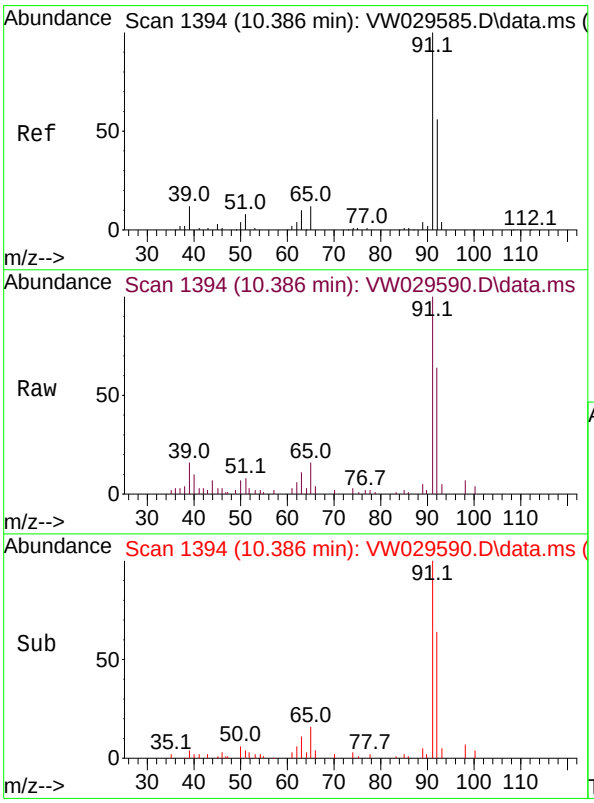
#35
Methylcyclohexane
Concen: 0.305 ug/L
RT: 9.331 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 3130

Ion	Ratio	Lower	Upper
83	100		
55	99.5	69.6	104.4
98	52.6	38.3	57.5

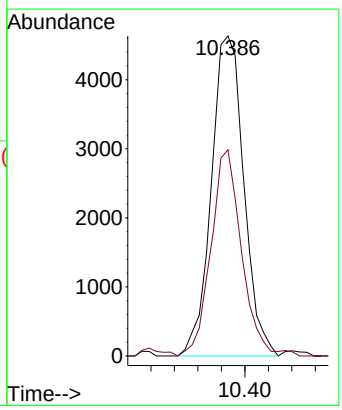


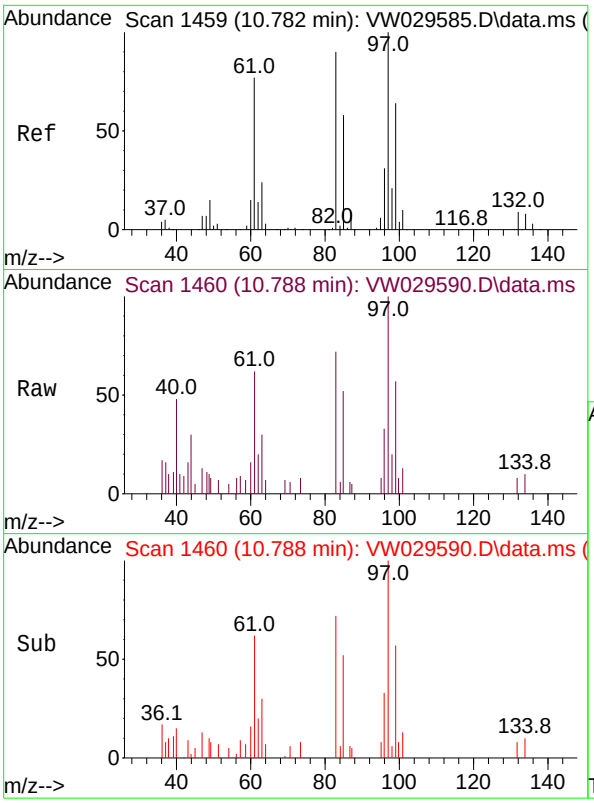


#42
Toluene
Concen: 0.361 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion: 91 Resp: 8909

Ion	Ratio	Lower	Upper
91	100		
92	64.4	41.1	76.3



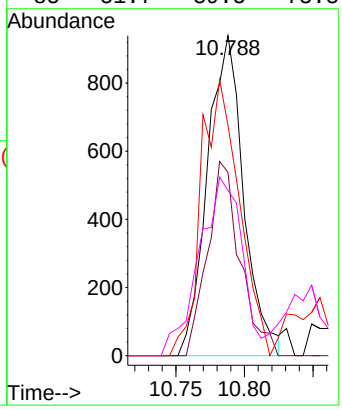


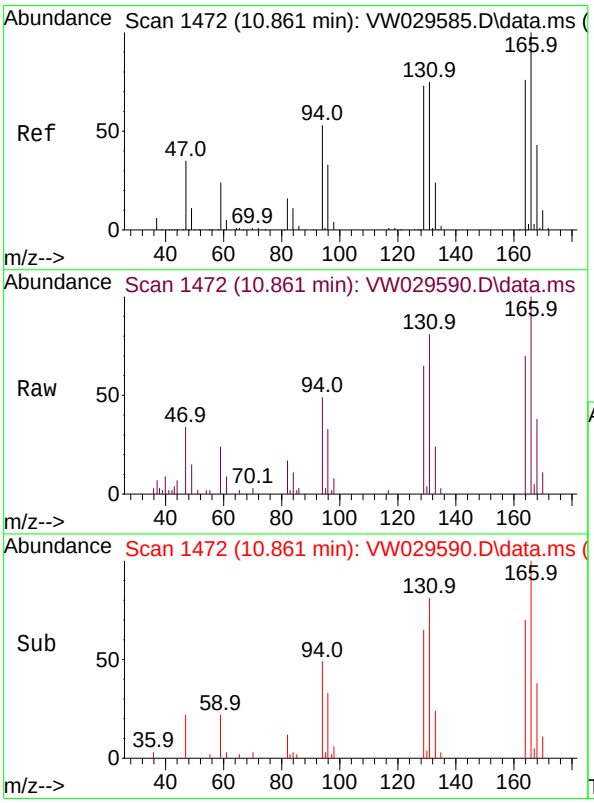
#45
1,1,2-Trichloroethane
Concen: 0.360 ug/L
RT: 10.788 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 1730

Ion	Ratio	Lower	Upper
97	100		
99	57.3	43.8	81.4
83	72.0	60.3	111.9
85	51.7	39.5	73.3

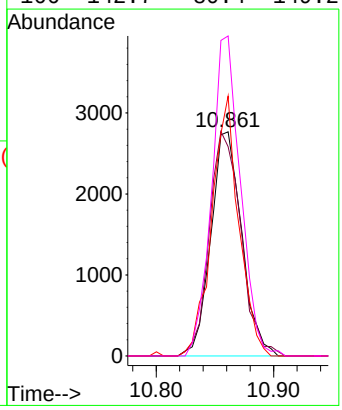


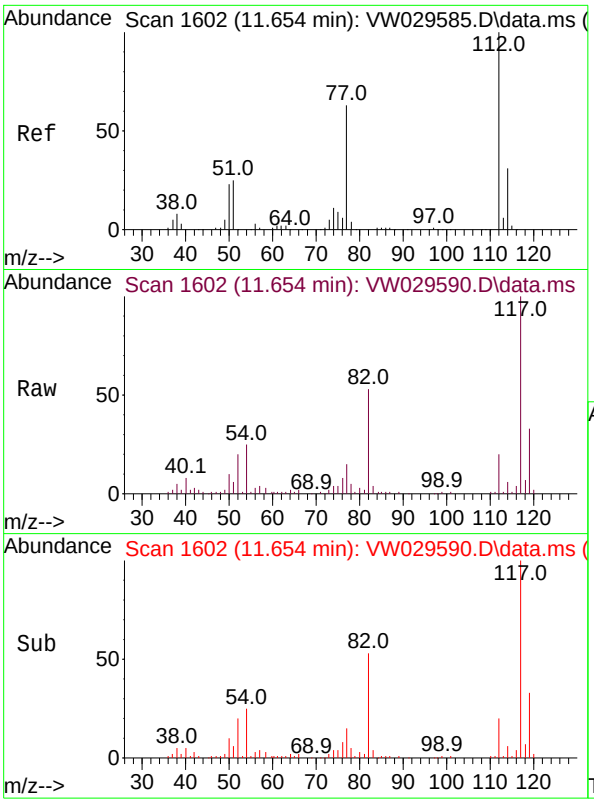


#46
Tetrachloroethene
Concen: 1.113 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion:164 Resp: 5042

Ion	Ratio	Lower	Upper
164	100		
129	93.3	60.0	111.4
131	115.9	64.6	120.0
166	142.7	80.4	149.2



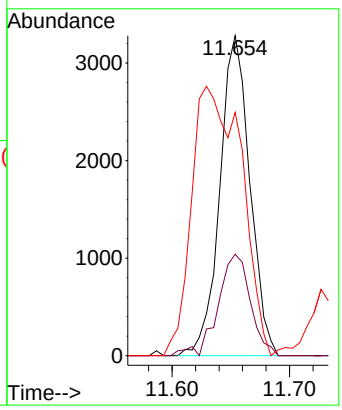


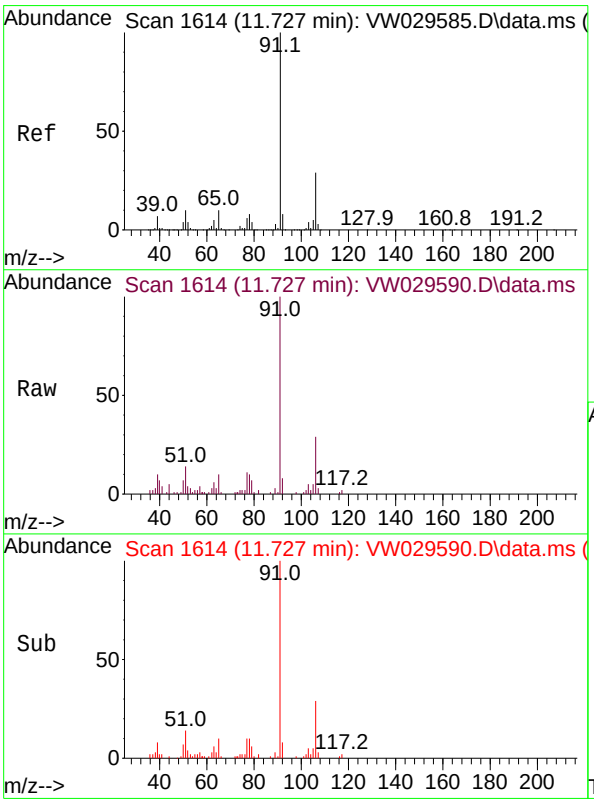
#51
Chlorobenzene
Concen: 0.365 ug/L
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:112 Resp: 5827

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.6	42.0
77	76.0	49.9	74.9#

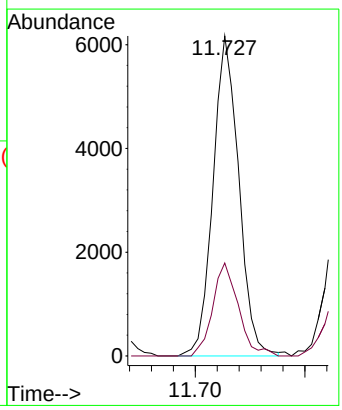


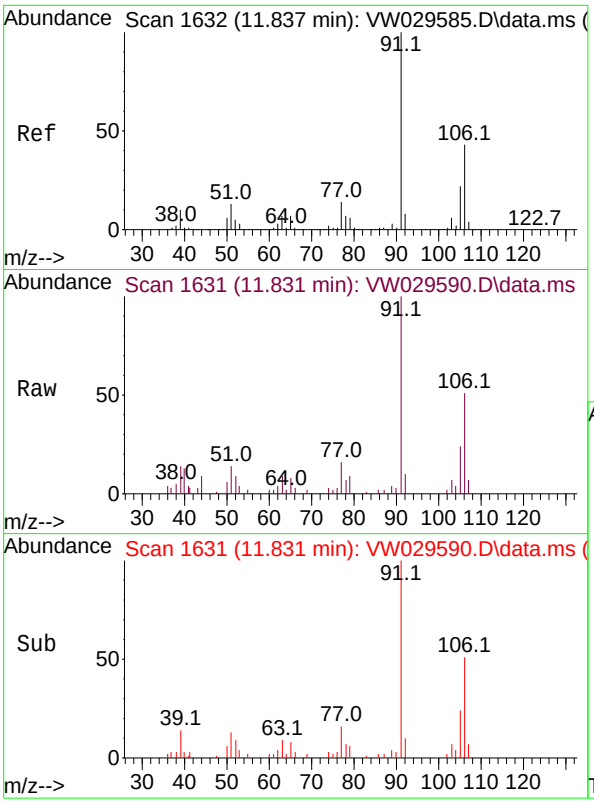


#52
Ethylbenzene
Concen: 0.359 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion: 91 Resp: 10057

Ion	Ratio	Lower	Upper
91	100		
106	29.1	20.2	37.6



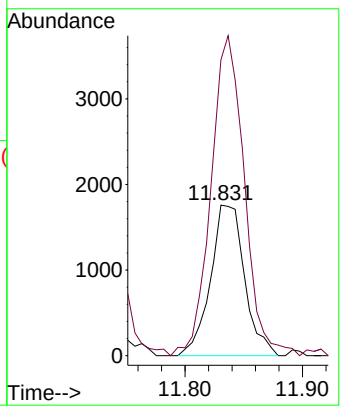


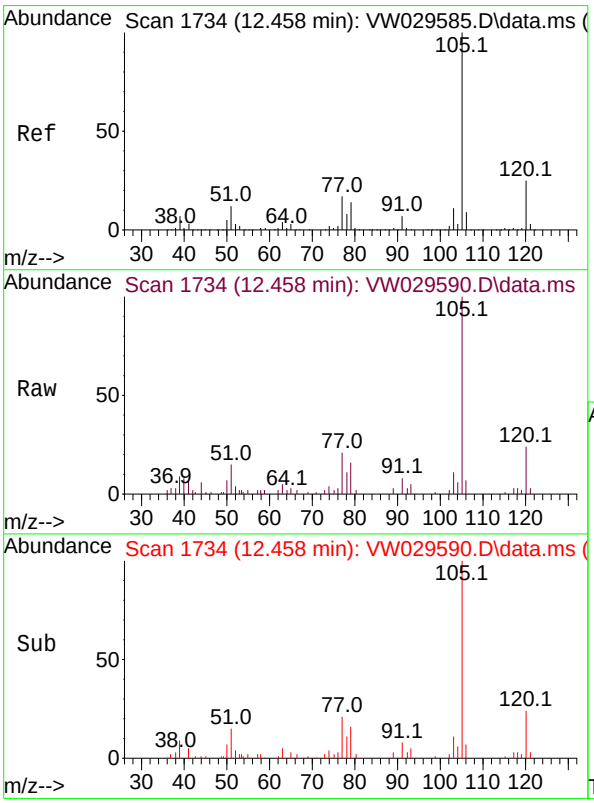
#53
m,p-Xylene
Concen: 0.346 ug/L
RT: 11.831 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 3555

Ion	Ratio	Lower	Upper
106	100		
91	196.4	149.3	277.3

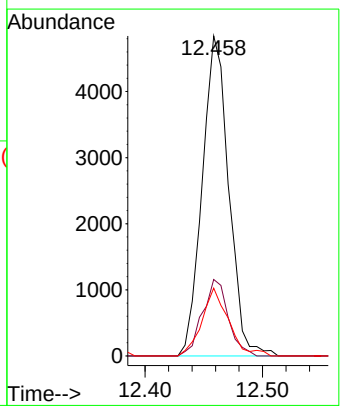


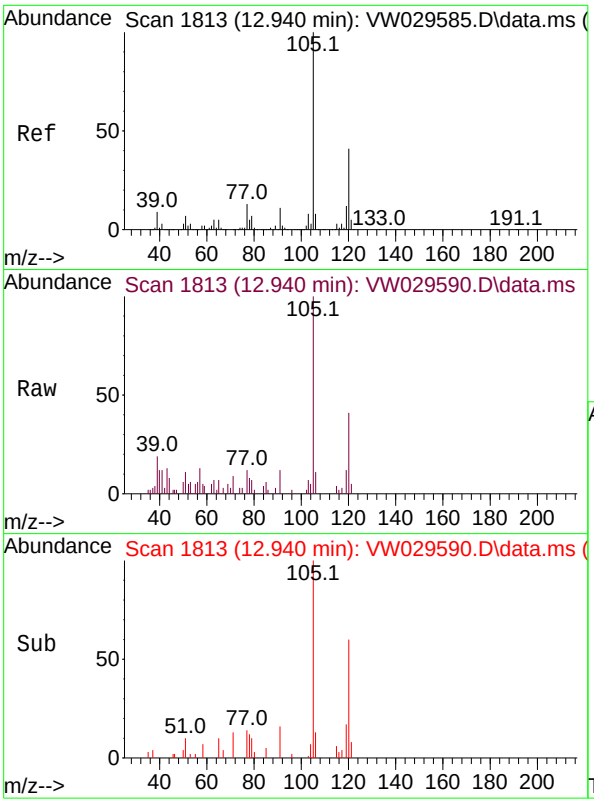


#60
Isopropylbenzene
Concen: 0.367 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion:105 Resp: 7610

Ion	Ratio	Lower	Upper
105	100		
120	23.2	20.2	30.4
77	20.6	13.6	20.4#



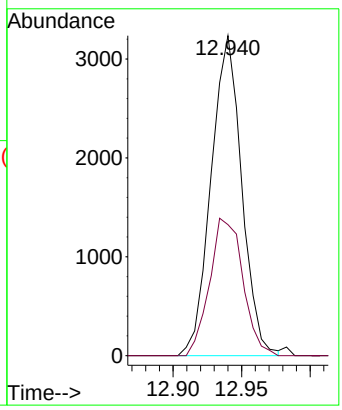


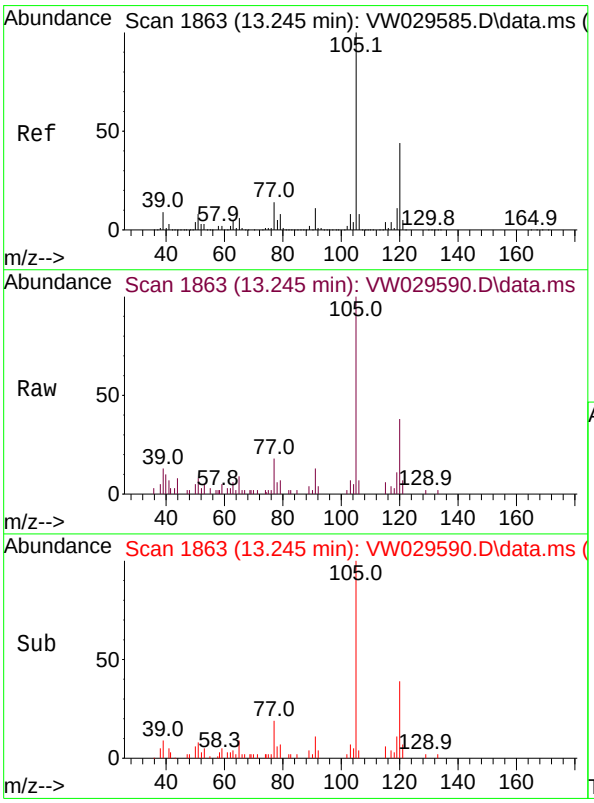
#62
1,3,5-Trimethylbenzene
Concen: 0.341 ug/L
RT: 12.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 5032

Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.4	57.6

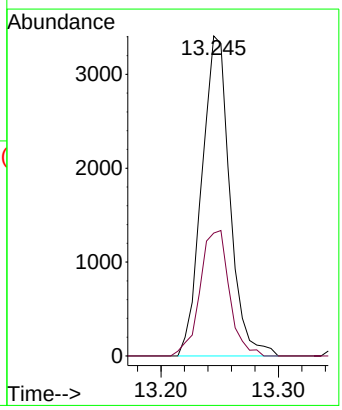


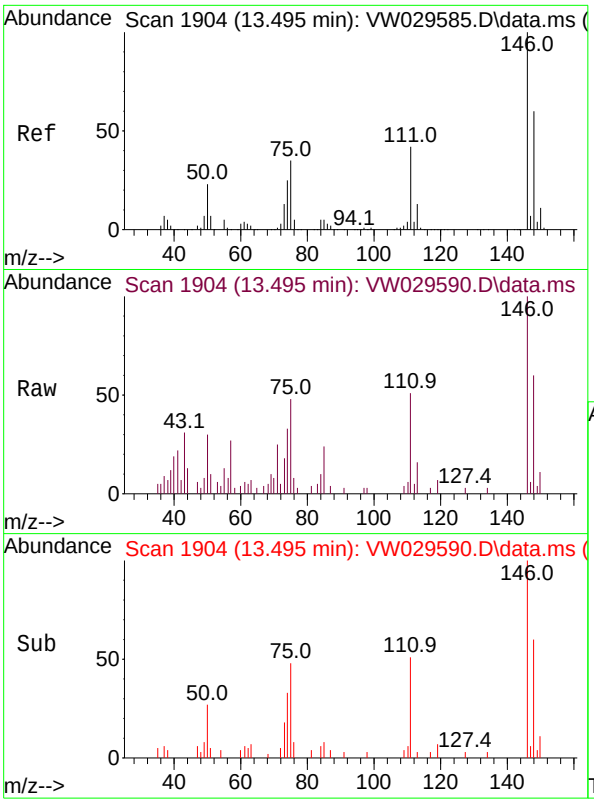


#63
1,2,4-Trimethylbenzene
Concen: 0.347 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion:105 Resp: 5648

Ion	Ratio	Lower	Upper
105	100		
120	41.0	34.7	52.1



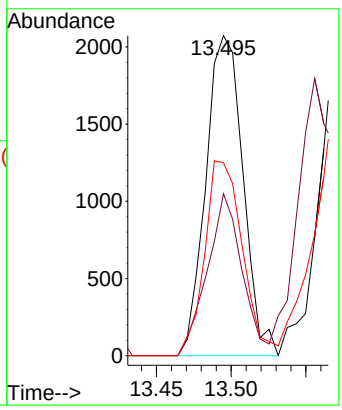


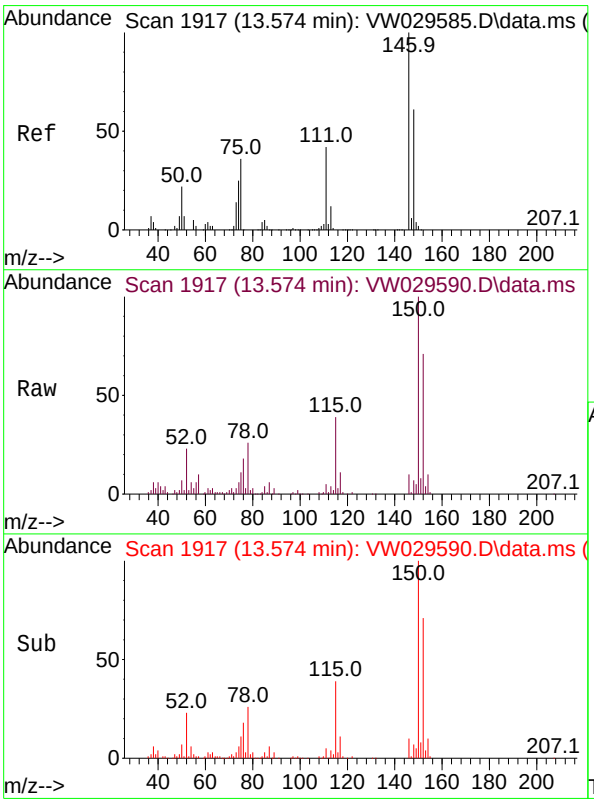
#64
1,3-Dichlorobenzene
Concen: 0.386 ug/L
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 3580

Ion	Ratio	Lower	Upper
146	100		
111	50.6	28.6	53.2
148	60.3	43.0	80.0

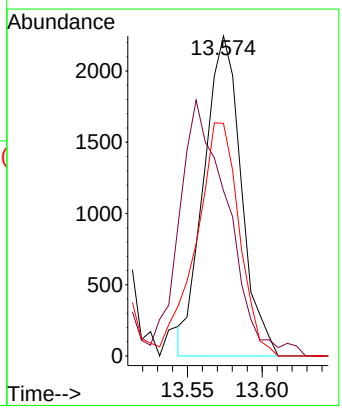


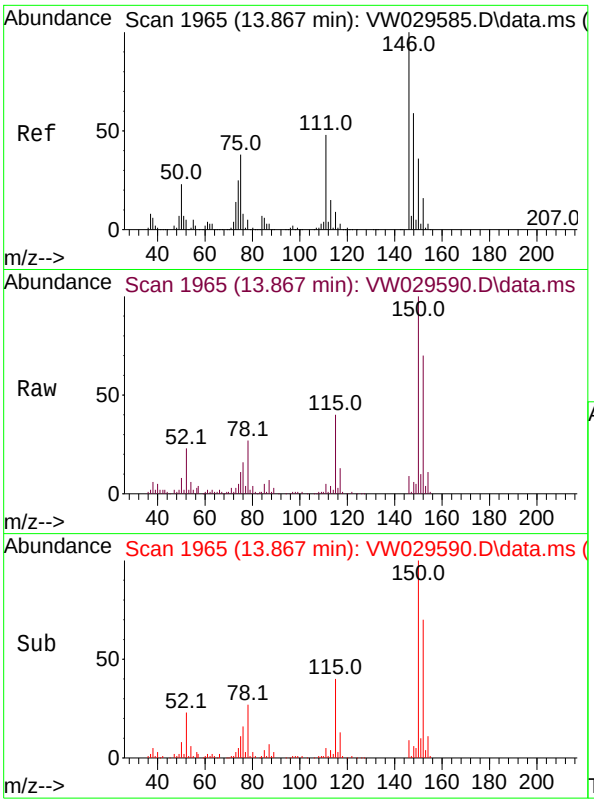


#65
1,4-Dichlorobenzene
Concen: 0.408 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Tgt Ion:146 Resp: 3884

Ion	Ratio	Lower	Upper
146	100		
111	51.6	27.6	51.4#
148	72.7	40.9	75.9





#67
1,2-Dichlorobenzene
Concen: 0.385 ug/L
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029590.D
Acq: 16 Jul 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 3233

Ion	Ratio	Lower	Upper
146	100		
111	56.6	37.1	55.7#
148	60.3	50.7	76.1