Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 22 23:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.769	114	7527	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	7163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	4134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	3532	19.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.160%			
7) Chloroethane-d5	2.805	69	2612	17.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.520%			
11) 1,1-Dichloroethene-d2	3.922	65	729	17.303	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.200%			
21) 2-Butanone-d5	6.987	46	2891	123.731	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 247.460%#			
24) Chloroform-d	7.558	84	3561	17.290	ug/L	-0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 69.160%			
26) 1,2-Dichloroethane-d4	8.234	65	1688	17.292	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 69.160%#			
32) Benzene-d6	8.199	84	10021	25.330	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.320%			
36) 1,2-Dichloropropane-d6	9.210	67	3468	30.567	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.280%#			
41) Toluene-d8	10.269	98	7788	21.505	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	10.528	79	1493	28.881	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.520%			
47) 2-Hexanone-d5	10.875	63	1830	100.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 201.980%#			
56) 1,1,2,2-Tetrachloroeth...	12.657	84	4918	48.624	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 194.480%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	3127	23.566	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.280%			
Target Compounds						Qvalue
3) Chloromethane	2.146	50	247	1.508	ug/L #	41
6) Bromomethane	2.693	94	131	0.976	ug/L	97
13) Acetone	4.011	43	948	28.283	ug/L	50
16) Methylene chloride	4.787	84	304	1.984	ug/L #	85
19) 1,1-Dichloroethane	6.111	63	293	1.579	ug/L #	49
35) Methylcyclohexane	9.269	83	172	0.978	ug/L #	22
37) 1,2-Dichloropropane	9.210	63	62	0.571	ug/L #	85
40) 4-Methyl-2-pentanone	10.157	43	127	2.129	ug/L #	1
42) Toluene	10.316	91	136	0.292	ug/L #	22
48) 2-Hexanone	10.887	43	107	2.326	ug/L #	33
52) Ethylbenzene	11.687	91	962	1.907	ug/L #	47
53) m,p-Xylene	11.781	106	2478	12.723	ug/L	71
54) o-Xylene	12.116	106	4402	23.415	ug/L #	50
55) Styrene	12.122	104	306	0.911	ug/L #	36
60) Isopropylbenzene	12.428	105	7418	13.922	ug/L #	1
61) 1,2,3-Trichloropropane	13.522	75	689	8.732	ug/L #	57
62) 1,3,5-Trimethylbenzene	12.904	105	6464	15.686	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	8959	22.190	ug/L	93
71) Naphthalene	15.328	128	7566	26.434	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 22 23:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration

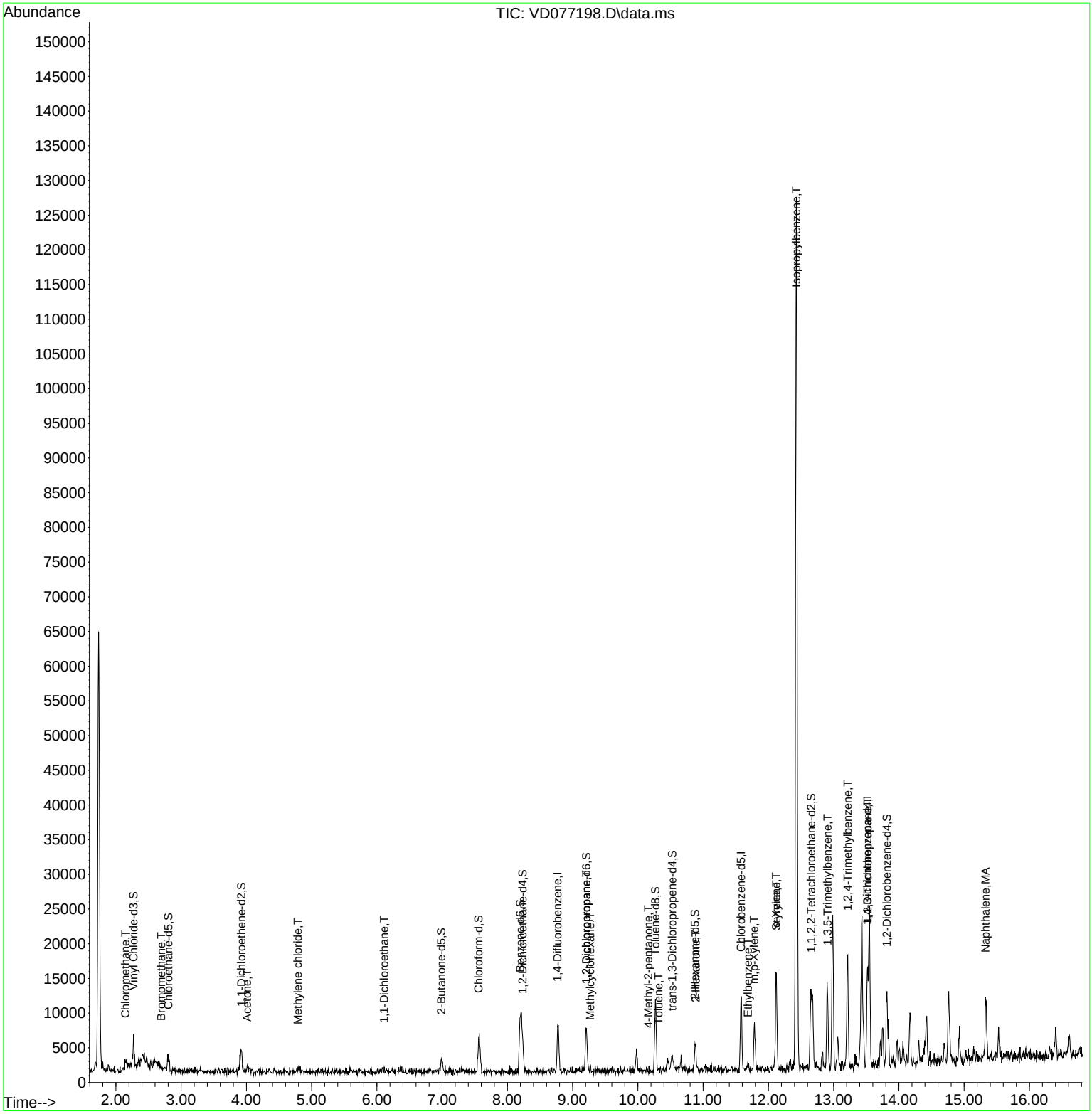
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

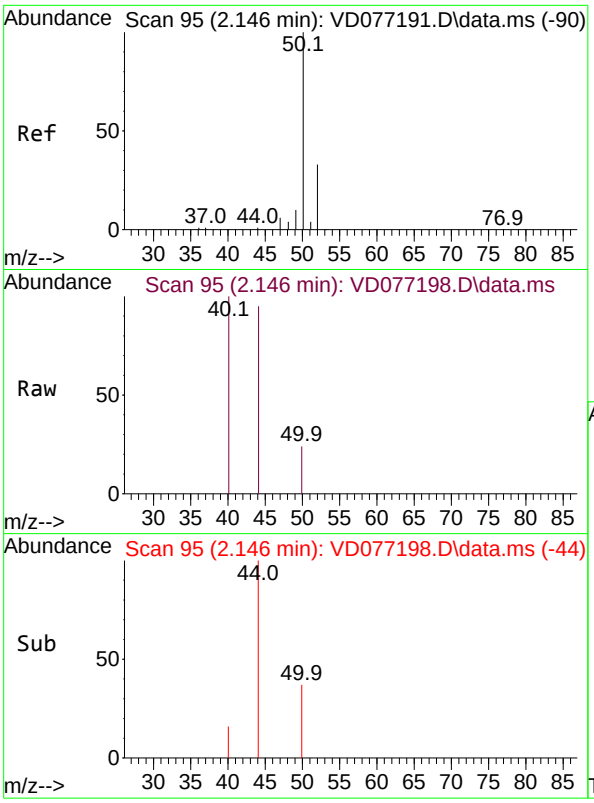
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077198.D
Acq On : 22 Sep 2023 13:46
Operator : JC/SY
Sample : 04527-03
Misc : 5.92G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 22 23:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration



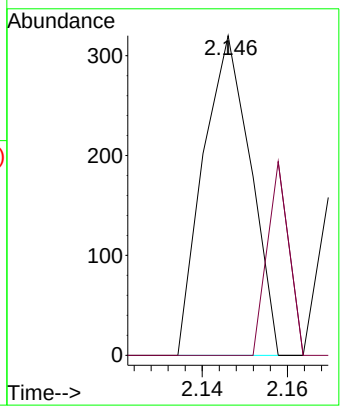


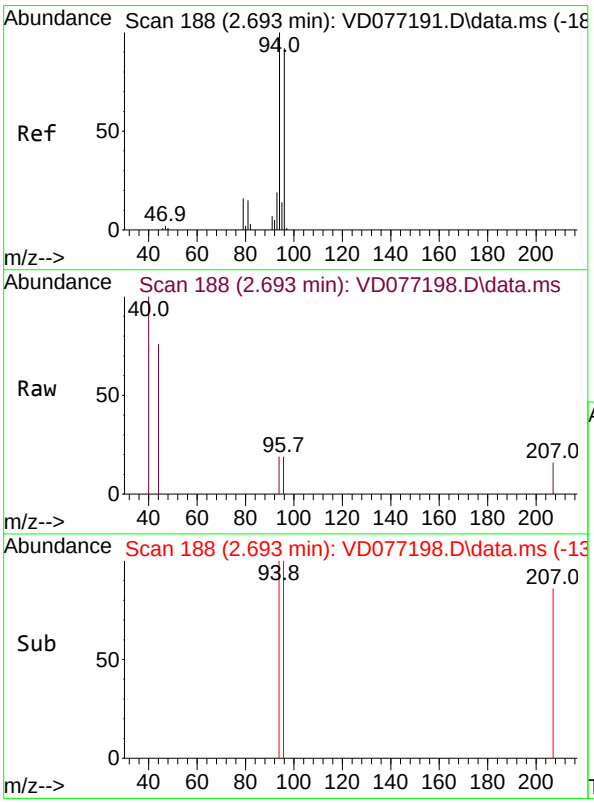
#3
Chloromethane
Concen: 1.508 ug/L
RT: 2.146 min Scan# 9
Delta R.T. 0.000 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 247

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.5	43.7#

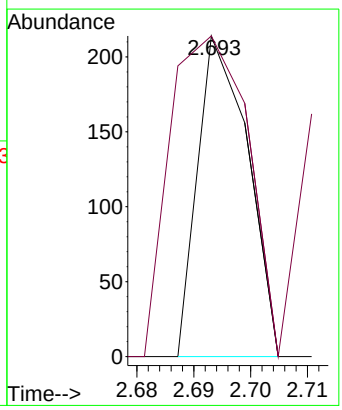


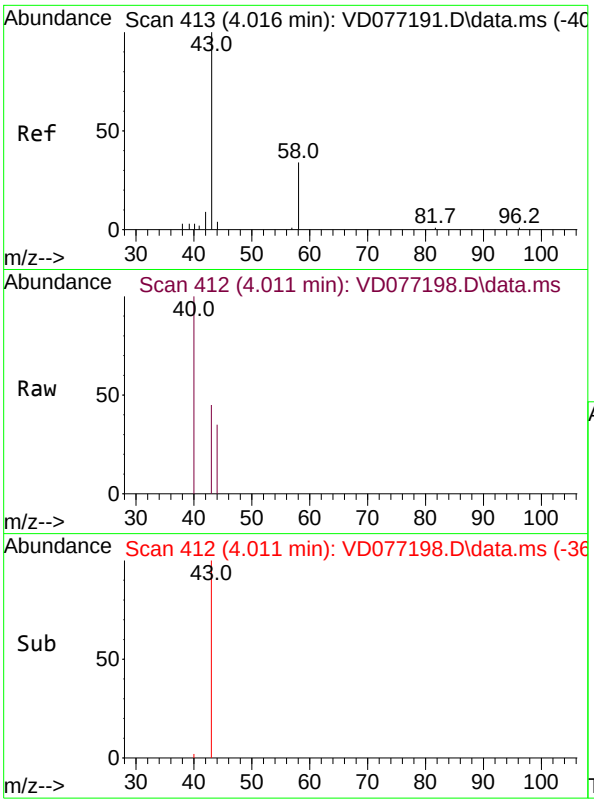


#6
Bromomethane
Concen: 0.976 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 94 Resp: 131

Ion	Ratio	Lower	Upper
94	100		
96	100.0	68.2	126.6



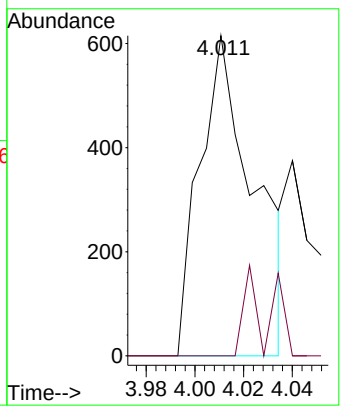


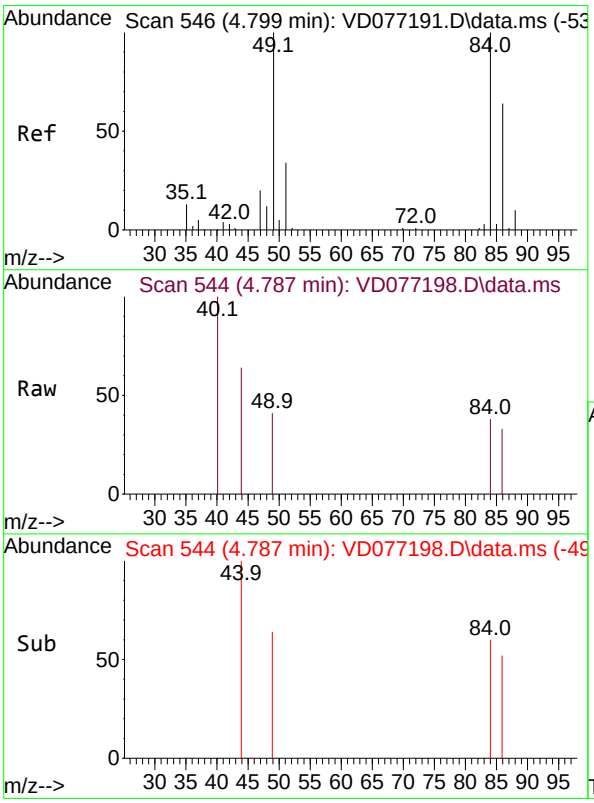
#13
Acetone
Concen: 28.283 ug/L
RT: 4.011 min Scan# 4
Delta R.T. -0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
58	6.4	0.0	71.8

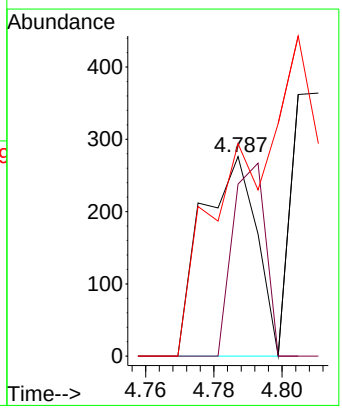


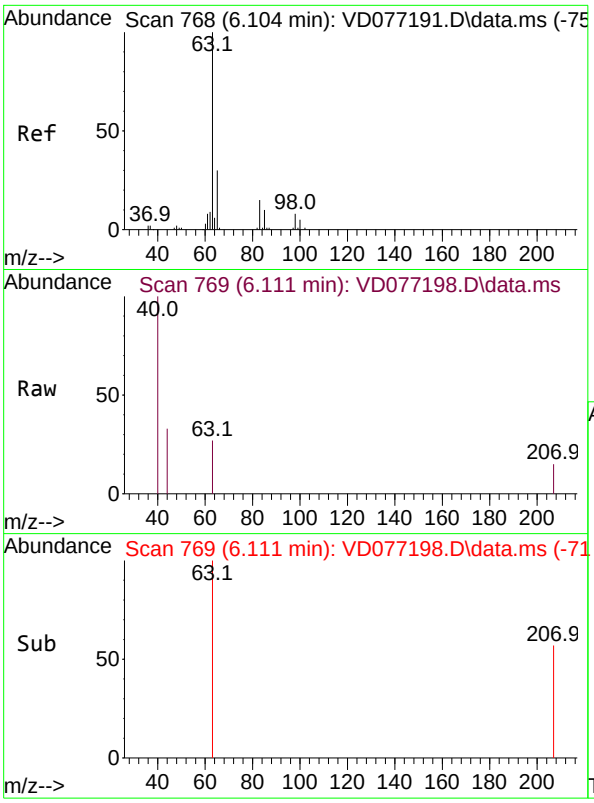


#16
Methylene chloride
Concen: 1.984 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.011 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 84 Resp: 304

Ion	Ratio	Lower	Upper
84	100		
86	86.2	45.3	84.1#
49	106.5	69.2	128.6



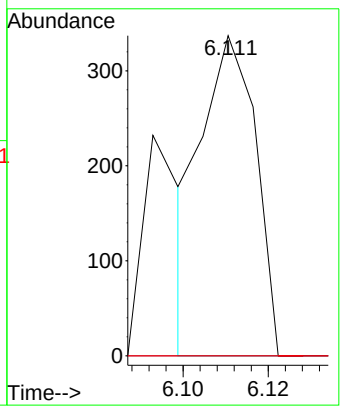


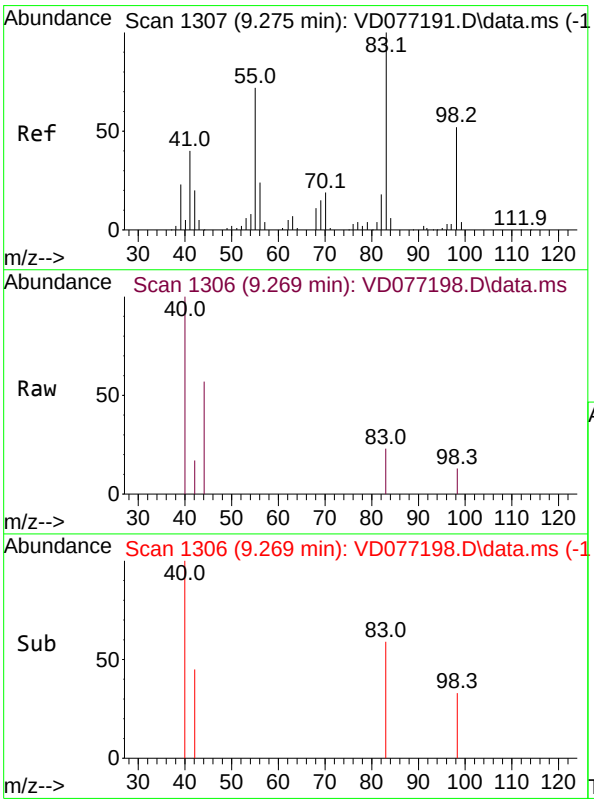
#19
1,1-Dichloroethane
Concen: 1.579 ug/L
RT: 6.111 min Scan# 7
Delta R.T. 0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 293

Ion	Ratio	Lower	Upper
63	100		
65	0.0	22.5	41.9#
83	0.0	9.9	18.5#

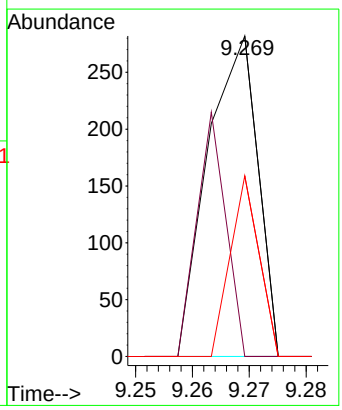


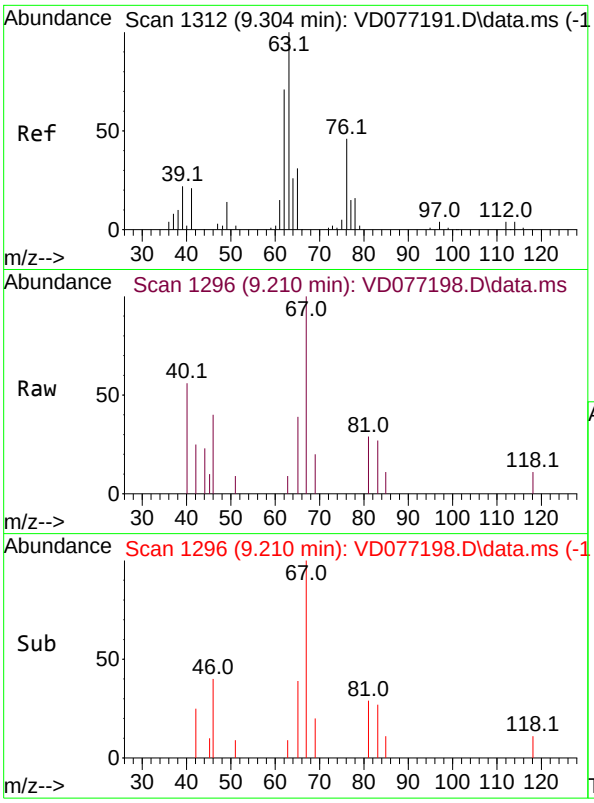


#35
Methylcyclohexane
Concen: 0.978 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 83 Resp: 172

Ion	Ratio	Lower	Upper
83	100		
55	0.0	51.5	77.3#
98	0.0	40.7	61.1#



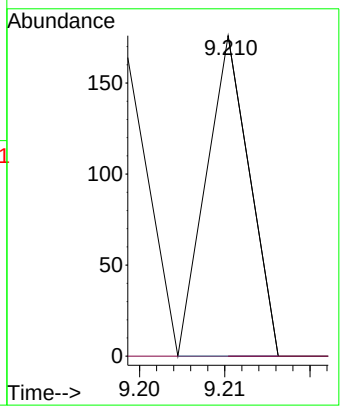


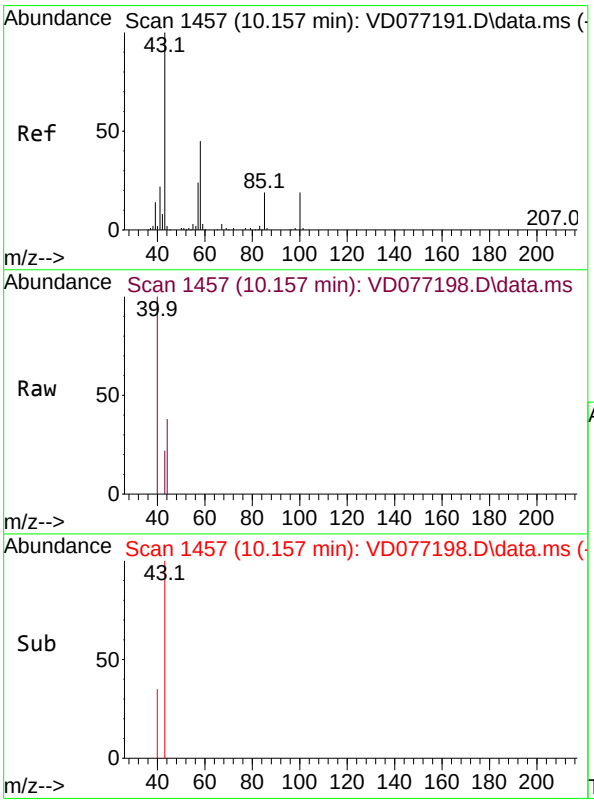
#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 9.210 min Scan# 1
Delta R.T. -0.094 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

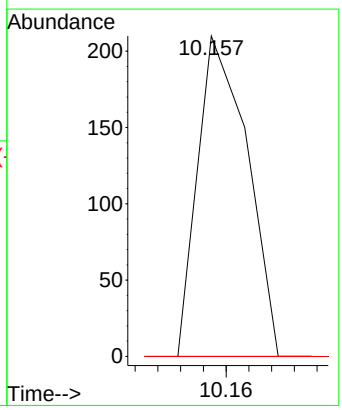


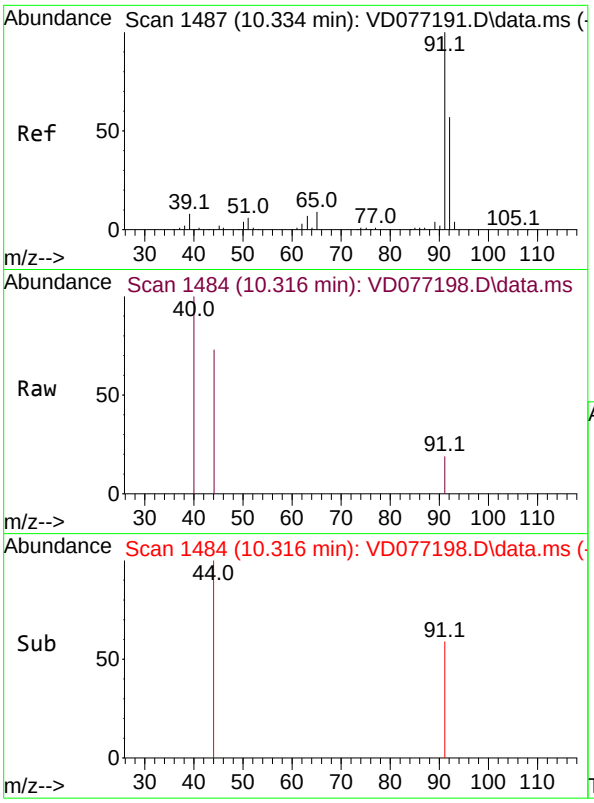


#40
4-Methyl-2-pentanone
Concen: 2.129 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 43 Resp: 127

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.6	51.8#
100	4044.9	16.2	24.4#



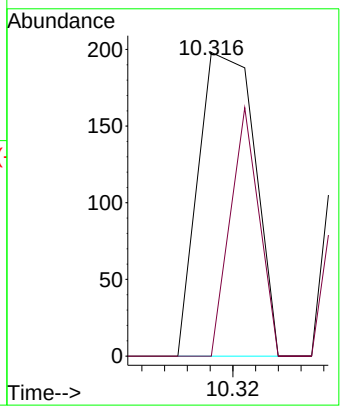


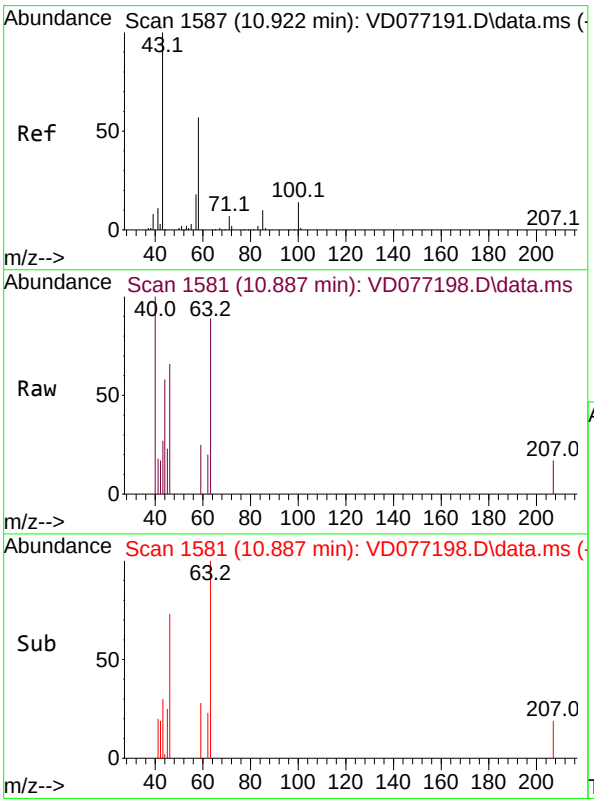
#42
Toluene
Concen: 0.292 ug/L
RT: 10.316 min Scan# 14
Delta R.T. -0.017 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 136

Ion	Ratio	Lower	Upper
91	100		
92	0.0	40.8	75.8#

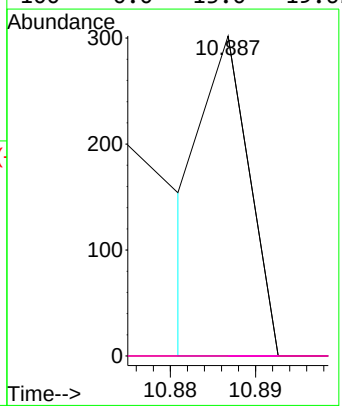


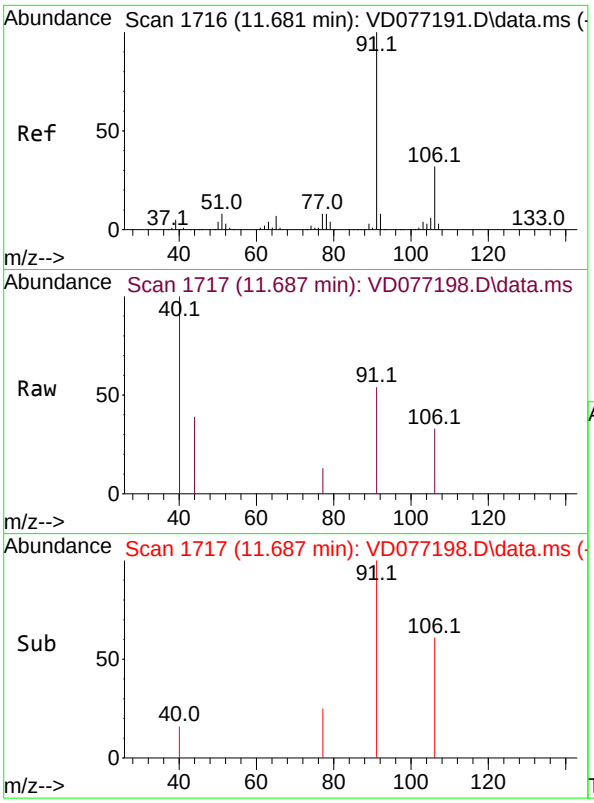


#48
2-Hexanone
Concen: 2.326 ug/L
RT: 10.887 min Scan# 1581
Delta R.T. -0.035 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 43 Resp: 107

Ion	Ratio	Lower	Upper
43	100		
58	0.0	50.6	75.8#
57	0.0	16.6	24.8#
100	0.0	13.0	19.6#



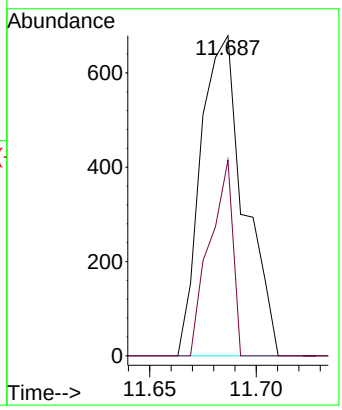


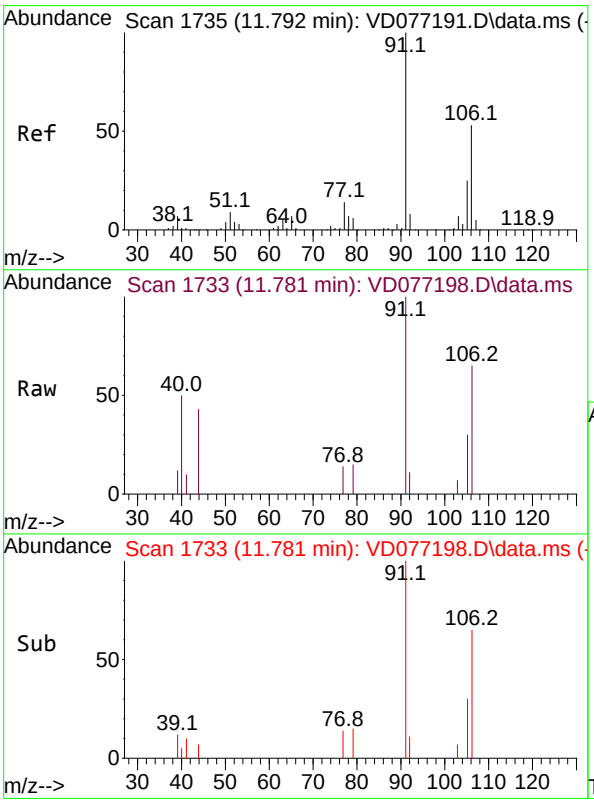
#52
Ethylbenzene
Concen: 1.907 ug/L
RT: 11.687 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 962

Ion	Ratio	Lower	Upper
91	100		
106	61.1	22.1	41.1#

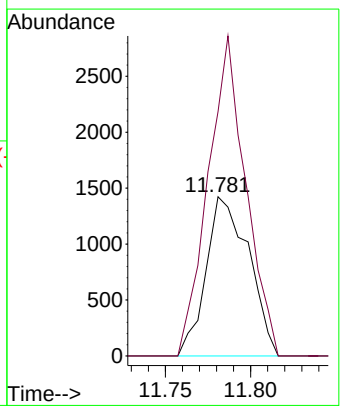


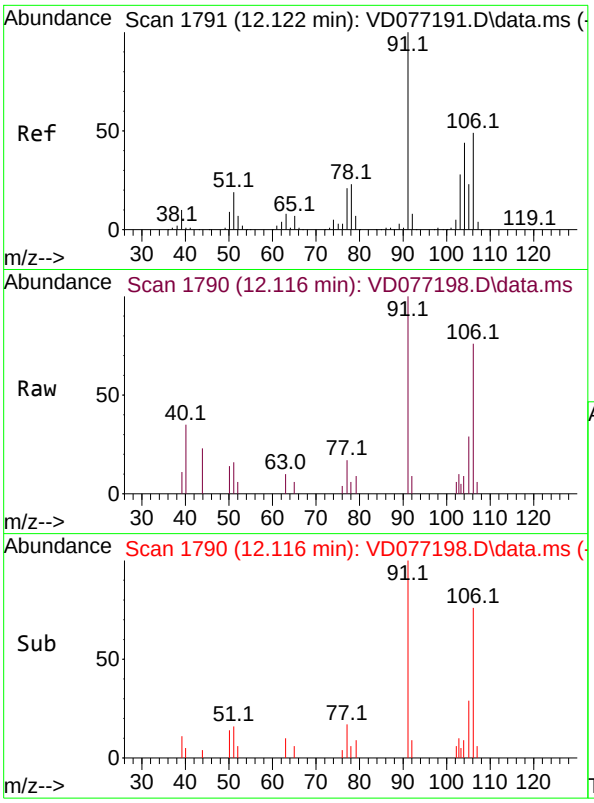


#53
m,p-Xylene
Concen: 12.723 ug/L
RT: 11.781 min Scan# 1733
Delta R.T. -0.011 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion:106 Resp: 2478

Ion	Ratio	Lower	Upper
106	100		
91	153.4	138.2	256.6



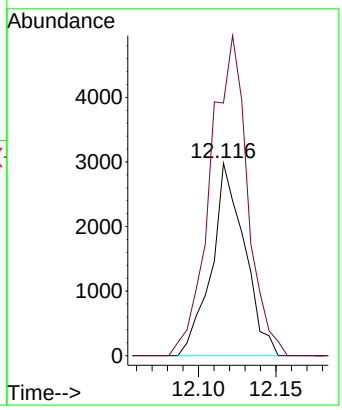


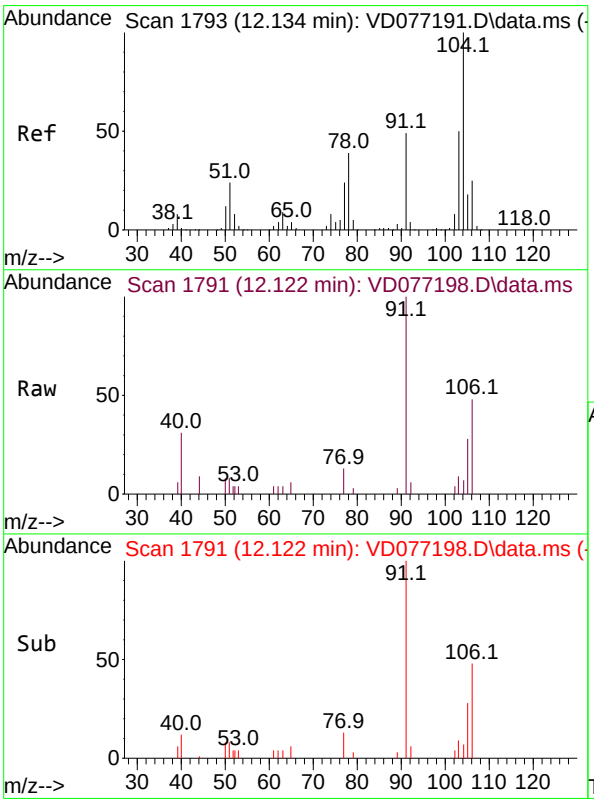
#54
o-Xylene
Concen: 23.415 ug/L
RT: 12.116 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 4402

Ion	Ratio	Lower	Upper
106	100		
91	131.3	146.9	272.7#

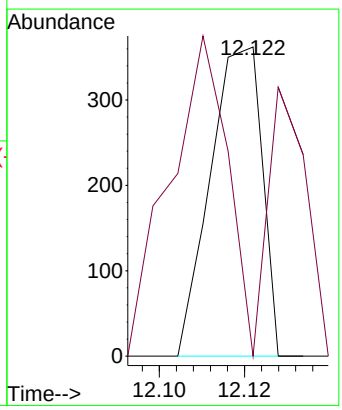


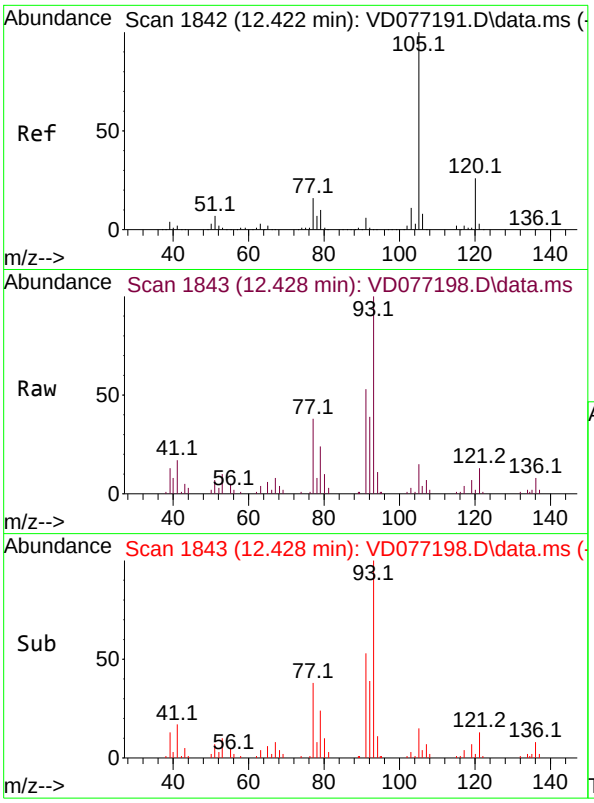


#55
Styrene
Concen: 0.911 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.011 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion:104 Resp: 306

Ion	Ratio	Lower	Upper
104	100		
78	0.0	27.8	51.6#



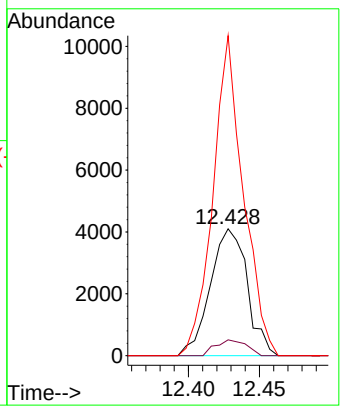


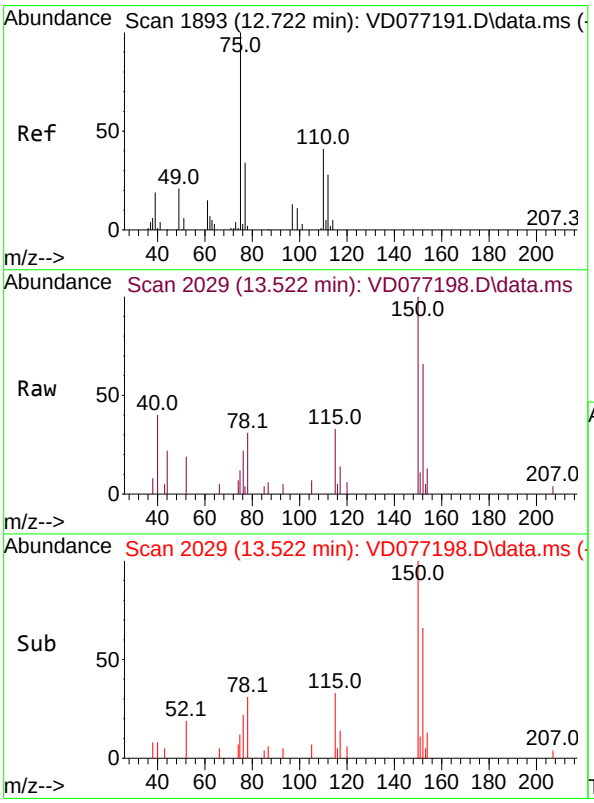
#60
Isopropylbenzene
Concen: 13.922 ug/L
RT: 12.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 7418

Ion	Ratio	Lower	Upper
105	100		
120	10.4	21.8	32.6#
77	207.9	11.9	17.9#

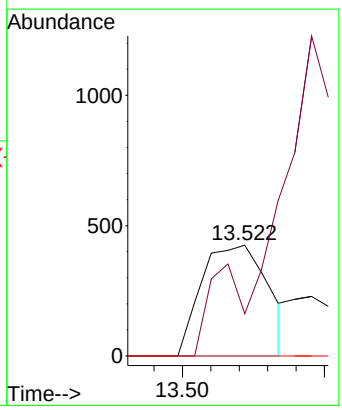


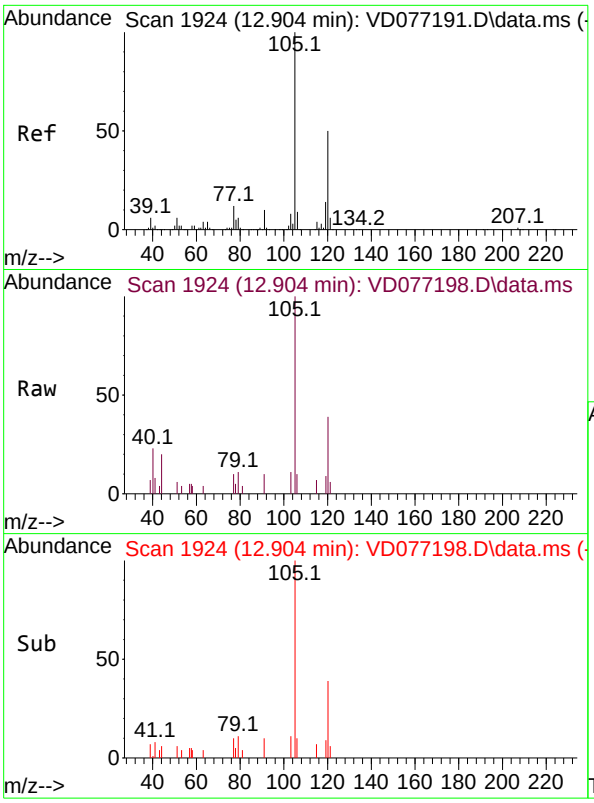


#61
1,2,3-Trichloropropane
Concen: 8.732 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.800 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion: 75 Resp: 689

Ion	Ratio	Lower	Upper
75	100		
77	41.5	26.6	40.0#
110	0.0	33.6	50.4#



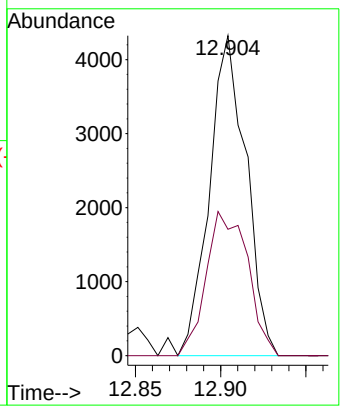


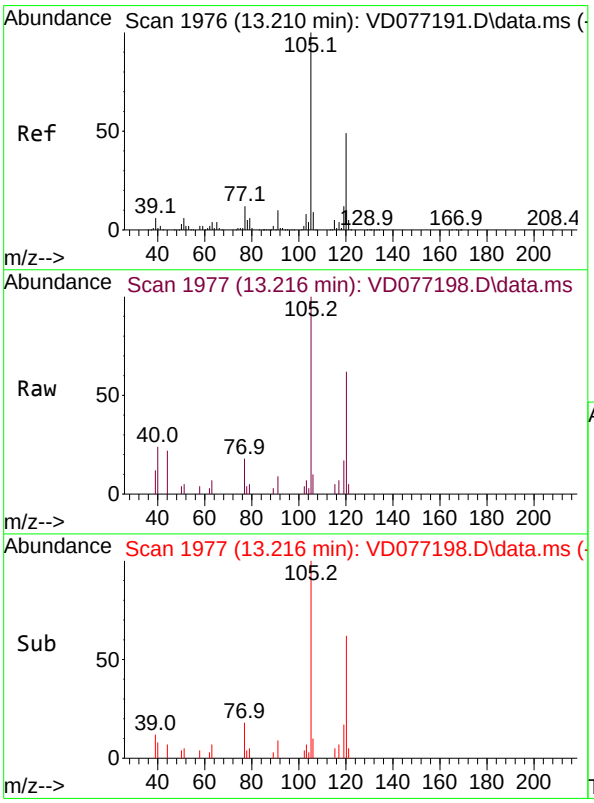
#62
1,3,5-Trimethylbenzene
Concen: 15.686 ug/L
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 6464

Ion	Ratio	Lower	Upper
105	100		
120	51.0	40.2	60.2

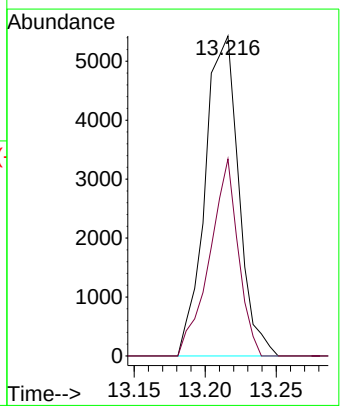


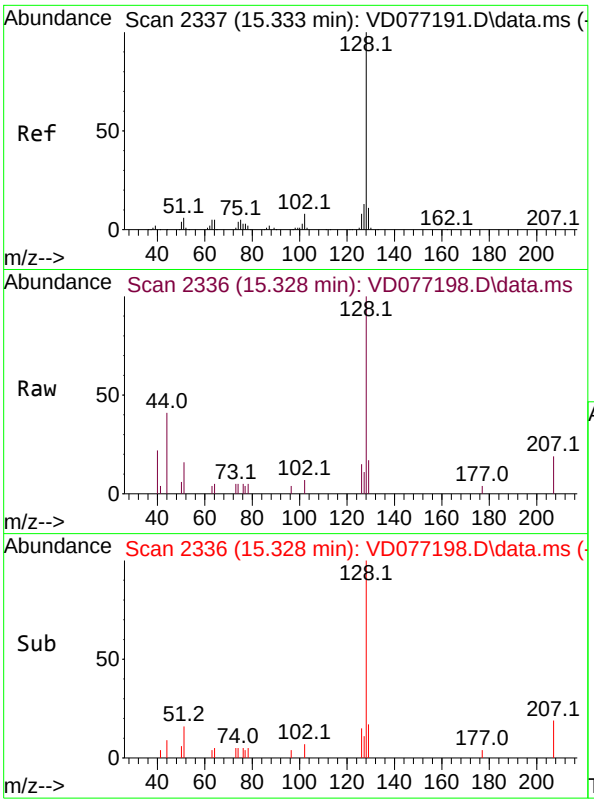


#63
1,2,4-Trimethylbenzene
Concen: 22.190 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Tgt Ion:105 Resp: 8959

Ion	Ratio	Lower	Upper
105	100		
120	52.3	37.8	56.8





#71
Naphthalene
Concen: 26.434 ug/L
RT: 15.328 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD077198.D
Acq: 22 Sep 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 7566

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	9.8	8.6	13.0