Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071822\
Data File : VV026811.D
Acq On : 18 Jul 2022 15:13
Operator : SY/MD
Sample : N3710-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Quant Time: Jul 19 03:10:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	300091	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	278931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	146125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87396	3.192	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.800%			
7) Chloroethane-d5	1.565	69	83750	3.540	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.800%			
11) 1,1-Dichloroethene-d2	2.102	63	119149	2.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.400%#			
20) 2-Butanone-d5	3.889	46	222699	52.120	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.240%			
24) Chloroform-d	4.346	84	190571	3.981	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
26) 1,2-Dichloroethane-d4	5.034	65	88992	4.255	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
32) Benzene-d6	5.050	84	355905	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.069	67	118430	4.660	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.200%			
41) Toluene-d8	7.317	98	264193	3.511	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.200%			
43) trans-1,3-Dichloroprop...	7.625	79	33098	3.981	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.600%			
46) 2-Hexanone-d5	8.088	63	178985	49.721	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.440%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	88086	4.449	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	118226	4.644	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2381	0.065	ug/L	84
6) Bromomethane	1.516	94	1699	0.076	ug/L	94
13) Acetone	1.947	43	59564	16.568	ug/L	87
14) Carbon disulfide	2.291	76	22338	0.288	ug/L	99
15) Methyl Acetate	2.667	43	6821	0.938	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	7818	0.172	ug/L #	86
22) cis-1,2-Dichloroethene	3.909	96	2869	0.118	ug/L #	1
33) Benzene	5.098	78	182369	1.956	ug/L	100
35) Methylcyclohexane	6.069	83	27798	0.795	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	12310	0.552	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2715	0.098	ug/L #	41
42) Toluene	7.394	91	23493	0.249	ug/L	95
48) 2-Hexanone	8.082	43	67894	9.107	ug/L #	49
51) Chlorobenzene	8.883	112	352103	5.913	ug/L	98
52) Ethylbenzene	9.018	91	11864	0.127	ug/L	94
53) m,p-Xylene	9.140	106	5709	0.158	ug/L	89
54) o-Xylene	9.545	106	5185	0.151	ug/L	99
60) Isopropylbenzene	9.934	105	42044	0.461	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	28625	2.124	ug/L #	64

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071822\
Data File : VV026811.D
Acq On : 18 Jul 2022 15:13
Operator : SY/MD
Sample : N3710-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Quant Time: Jul 19 03:10:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

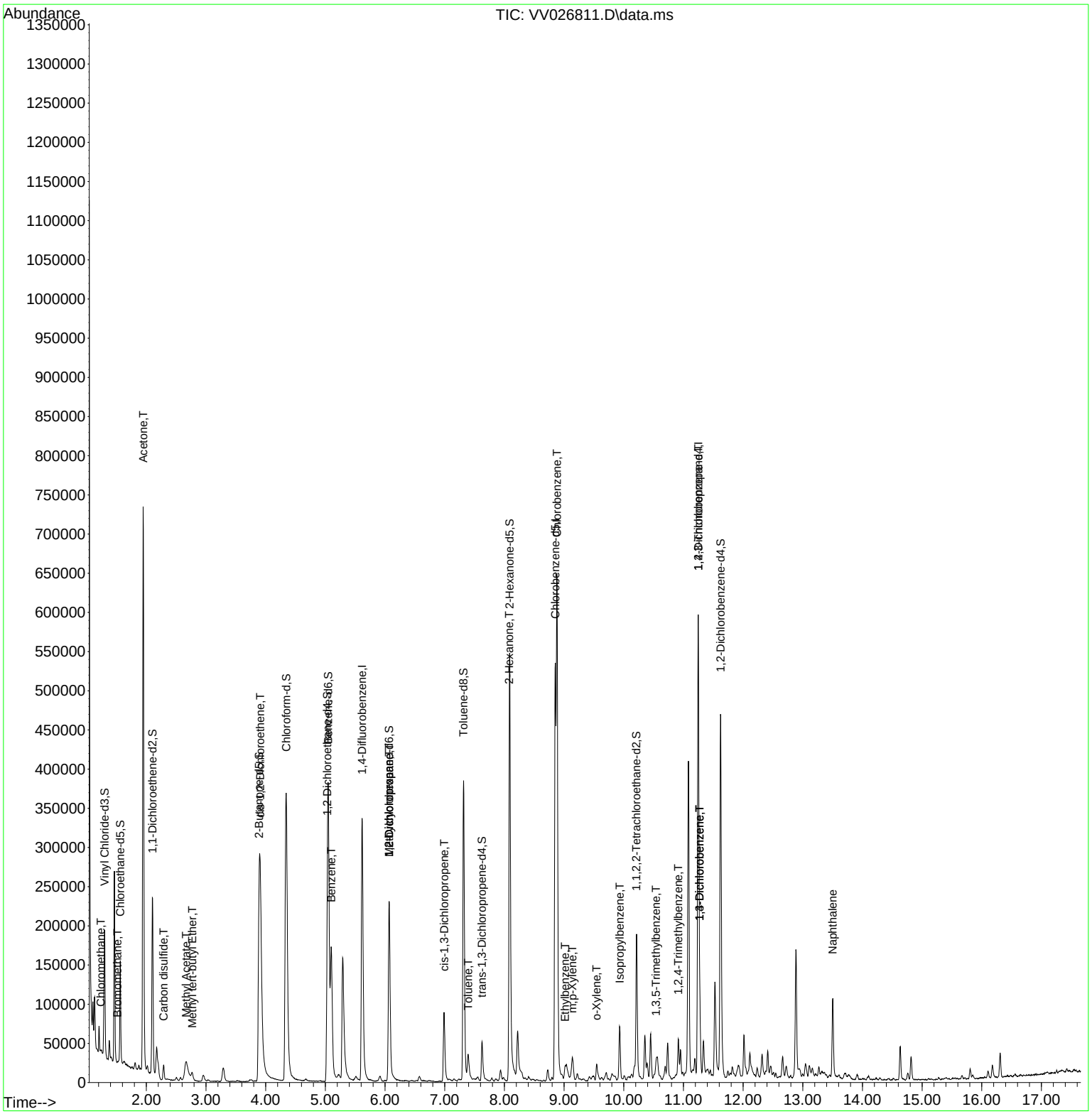
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.542	105	8407	0.116	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	26531	0.360	ug/L	96
64) 1,3-Dichlorobenzene	11.272	146	35841	0.803	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	35841	0.789	ug/L	94
71) Naphthalene	13.503	128	81072	2.039	ug/L	99

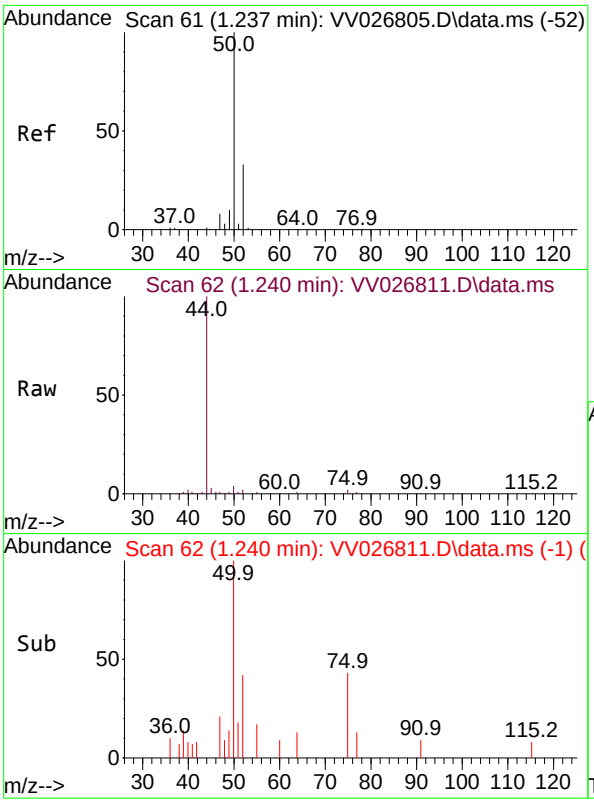
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071822\
Data File : VV026811.D
Acq On : 18 Jul 2022 15:13
Operator : SY/MD
Sample : N3710-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Quant Time: Jul 19 03:10:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration



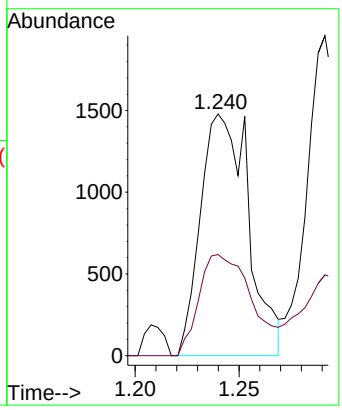


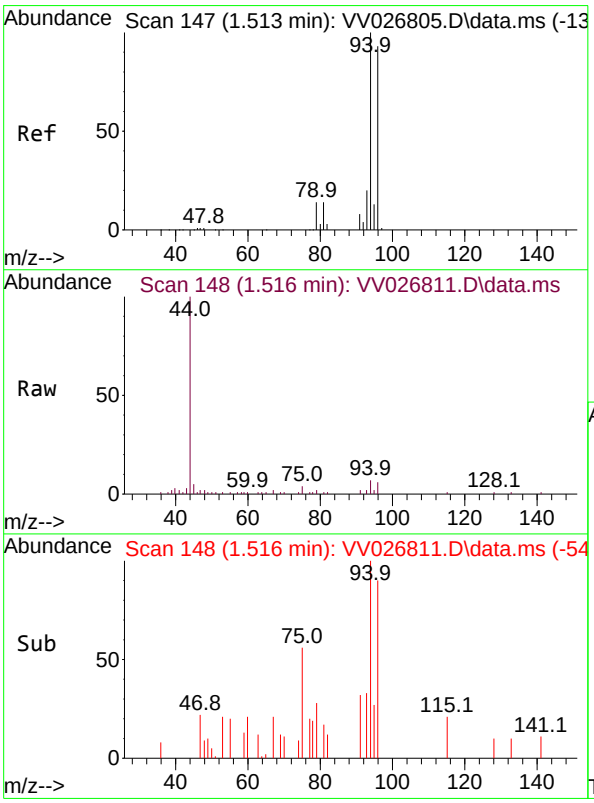
#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 50 Resp: 2381

Ion	Ratio	Lower	Upper
50	100		
52	41.9	22.8	42.4

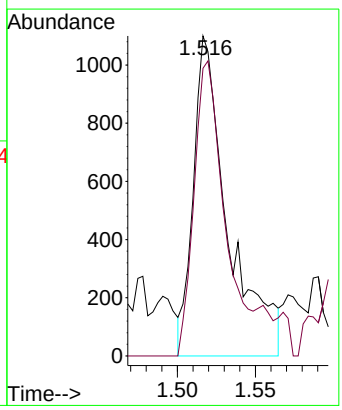


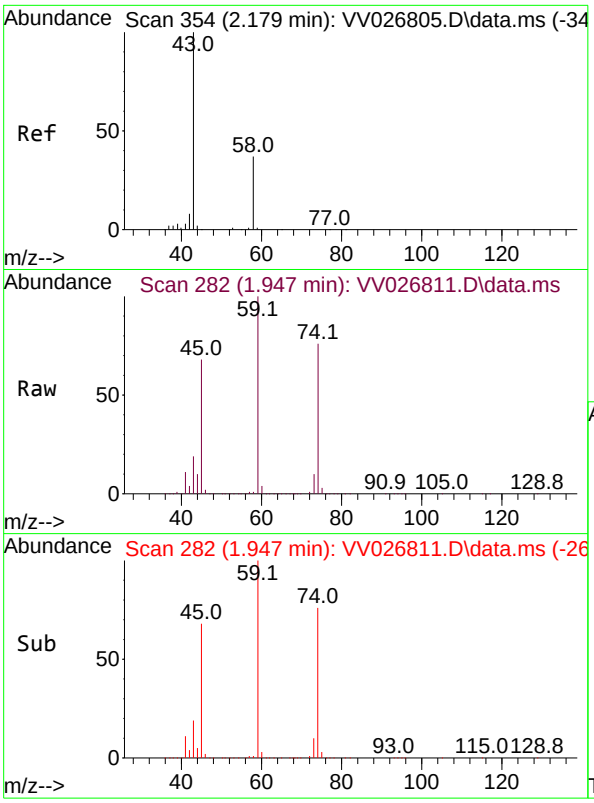


#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 94 Resp: 1699

Ion	Ratio	Lower	Upper
94	100		
96	89.9	67.1	124.7



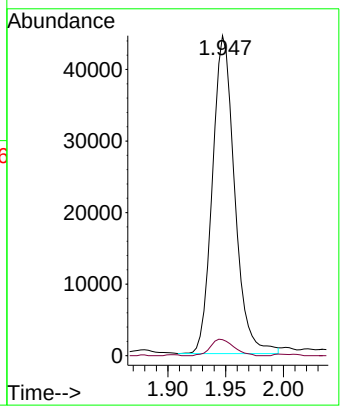


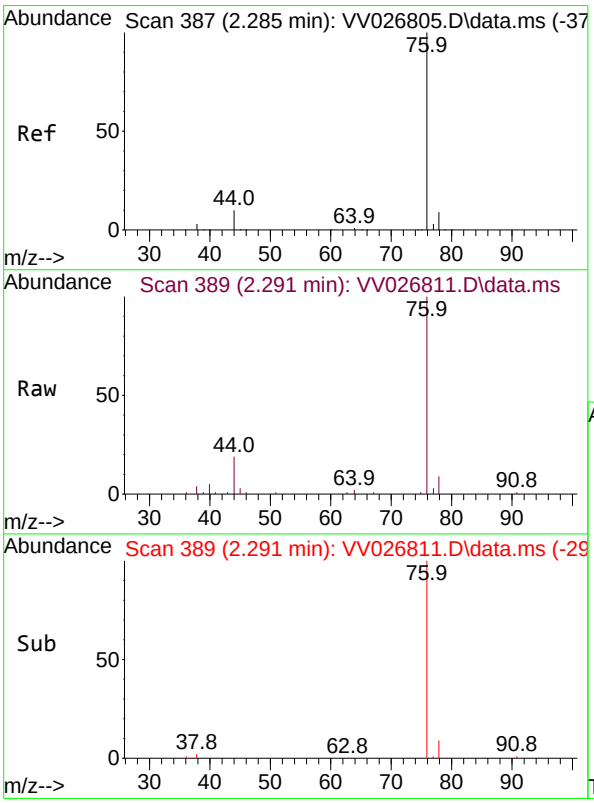
#13
Acetone
Concen: 16.568 ug/L
RT: 1.947 min Scan# 2
Delta R.T. -0.231 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 43 Resp: 59564

Ion	Ratio	Lower	Upper
43	100		
58	5.4	0.0	20.6

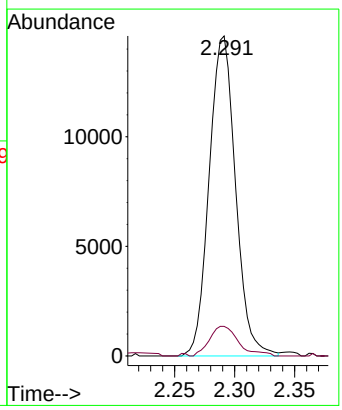


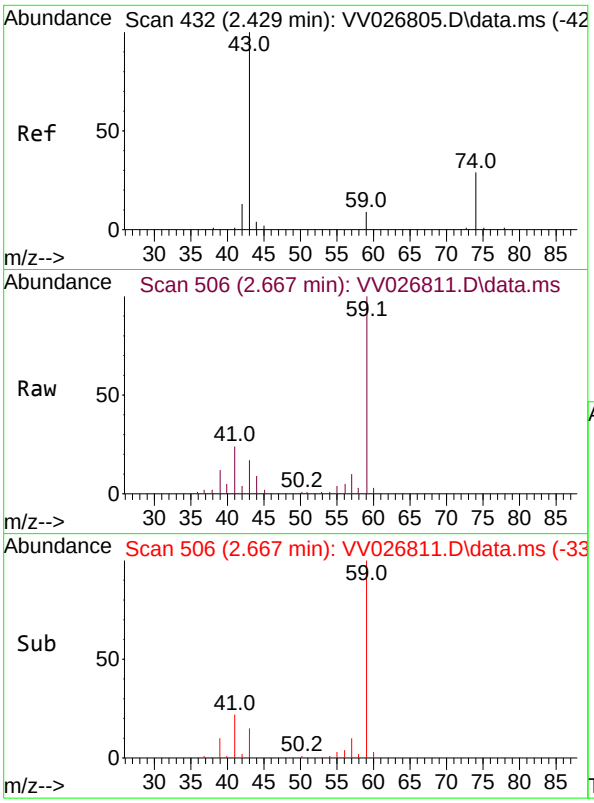


#14
Carbon disulfide
Concen: 0.288 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.007 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 76 Resp: 22338

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.7	11.5



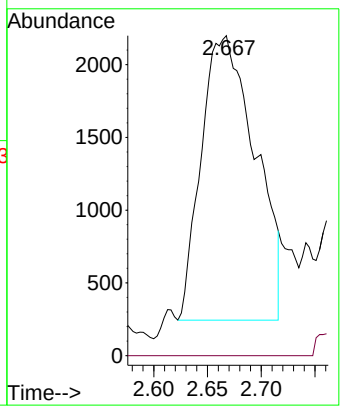


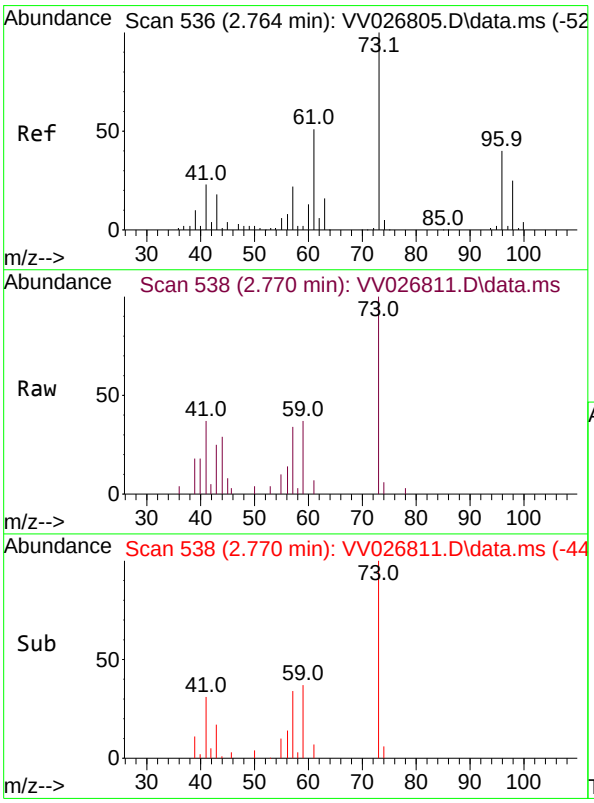
#15
Methyl Acetate
Concen: 0.938 ug/L
RT: 2.667 min Scan# 5(
Delta R.T. 0.238 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 43 Resp: 6821

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#

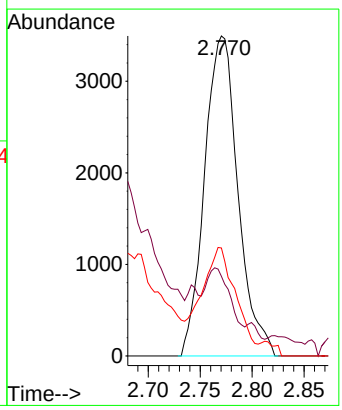


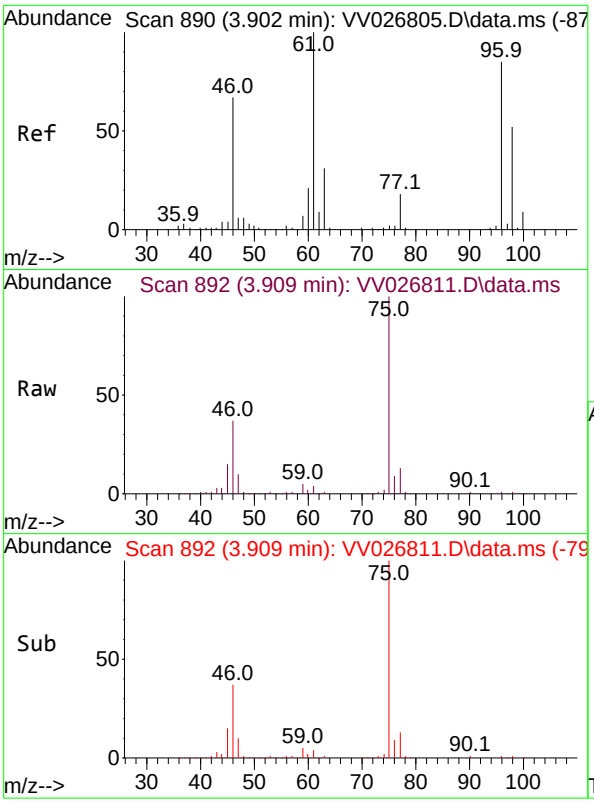


#17
Methyl tert-butyl Ether
Concen: 0.172 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 73 Resp: 7818

Ion	Ratio	Lower	Upper
73	100		
43	12.3	14.0	21.0#
57	29.4	17.6	26.4#



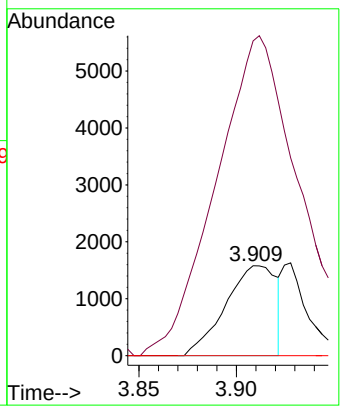


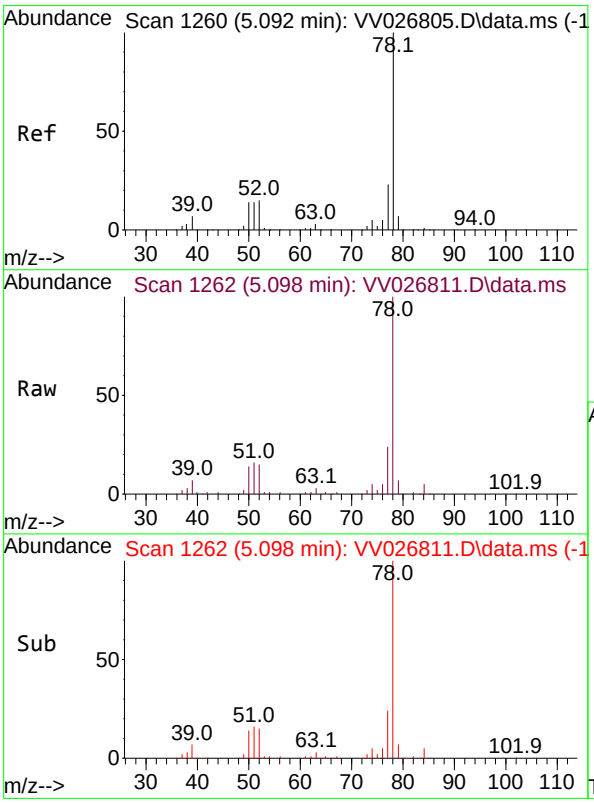
#22
cis-1,2-Dichloroethene
Concen: 0.118 ug/L
RT: 3.909 min Scan# 8
Delta R.T. 0.007 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 96 Resp: 2869

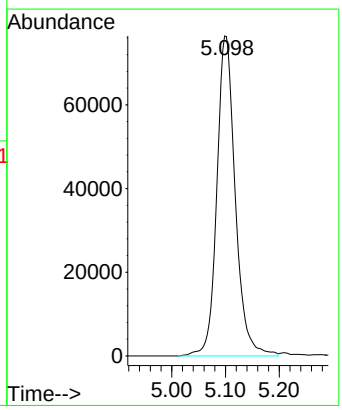
Ion	Ratio	Lower	Upper
96	100		
61	350.0	83.9	155.9#
68	0.0	0.0	0.0

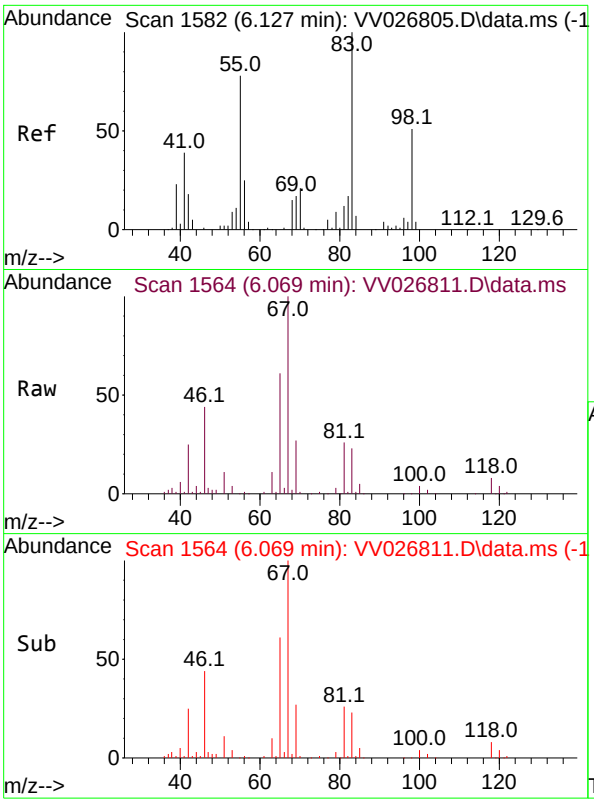




#33
Benzene
Concen: 1.956 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.007 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 78 Resp: 182369



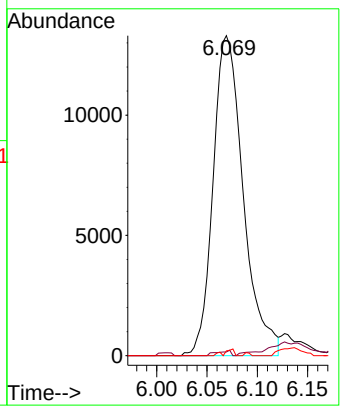


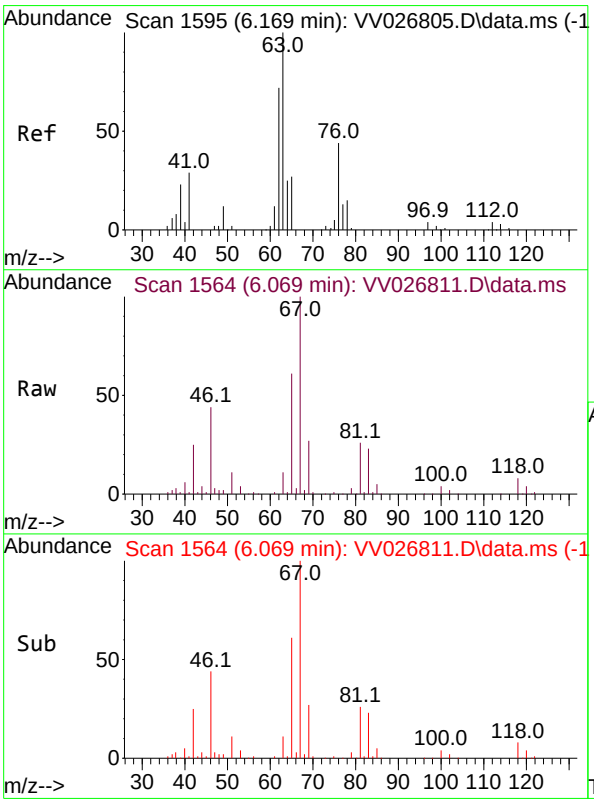
#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 83 Resp: 27798

Ion	Ratio	Lower	Upper
83	100		
55	0.7	59.5	89.3#
98	0.7	38.3	57.5#

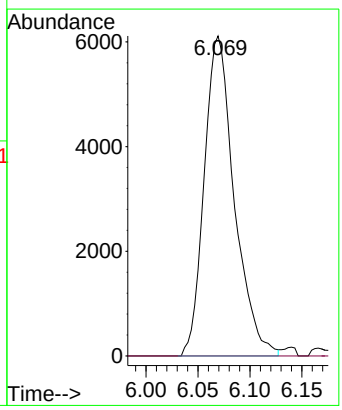


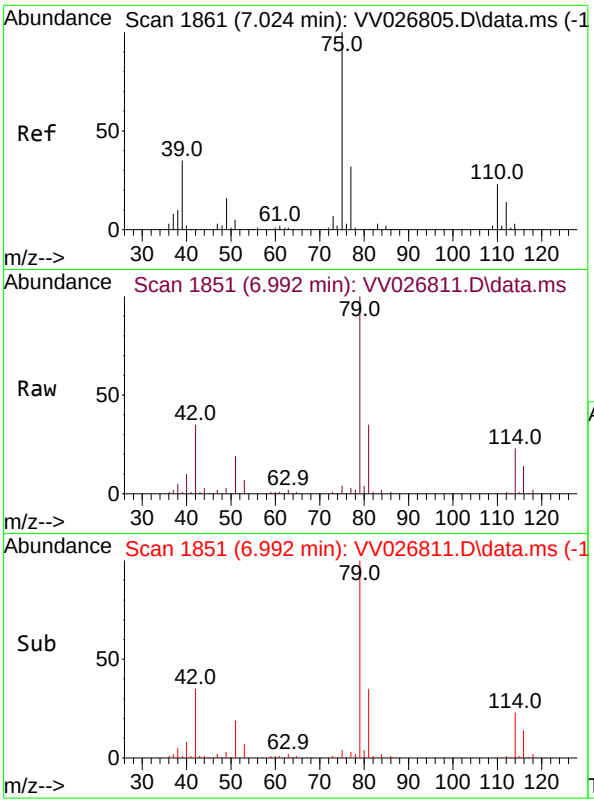


#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 63 Resp: 12310

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.2	6.2#



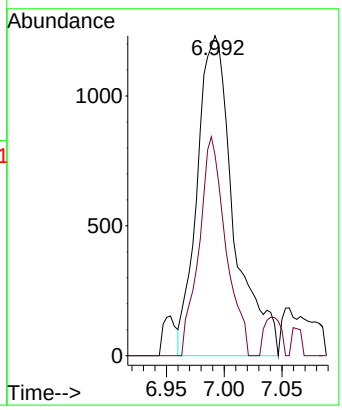


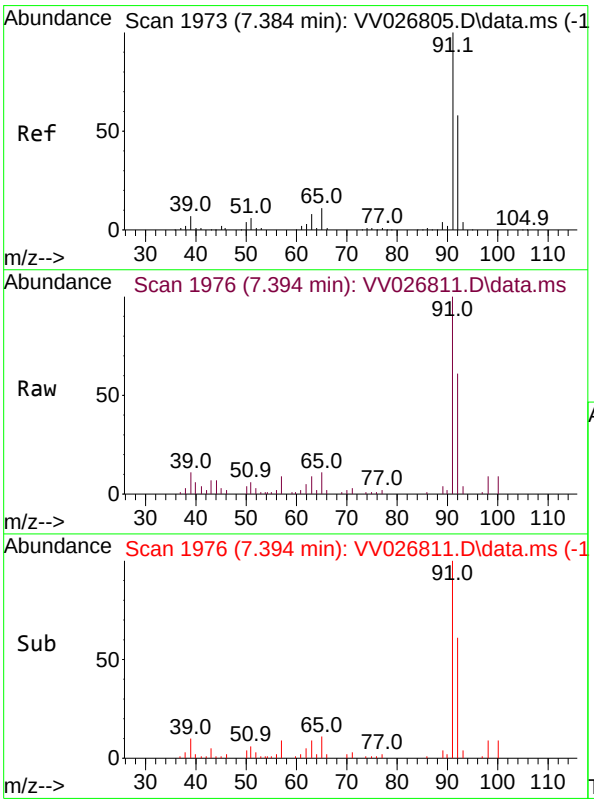
#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.032 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 75 Resp: 2715

Ion	Ratio	Lower	Upper
75	100		
77	62.7	21.4	39.8#

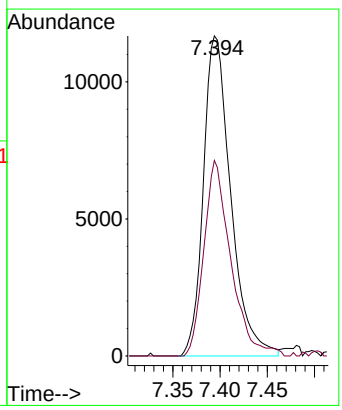


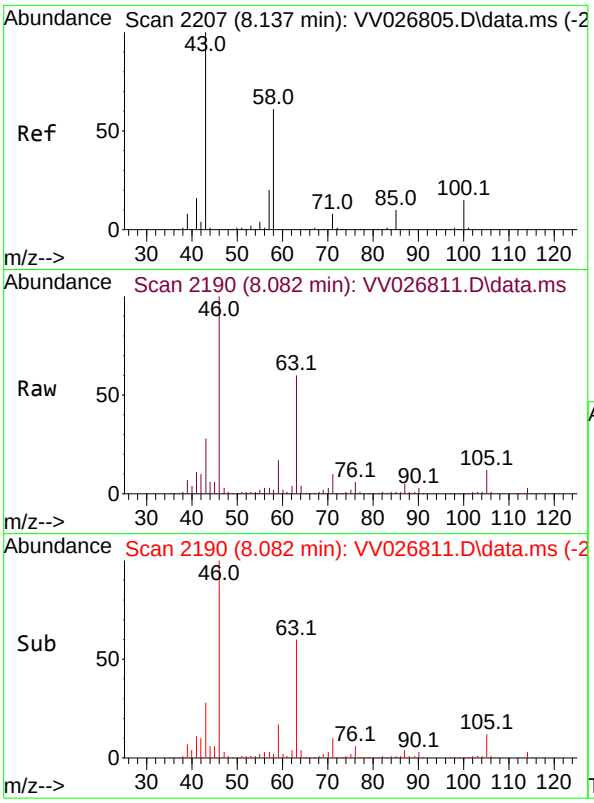


#42
Toluene
Concen: 0.249 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion: 91 Resp: 23493

Ion	Ratio	Lower	Upper
91	100		
92	61.1	40.2	74.6



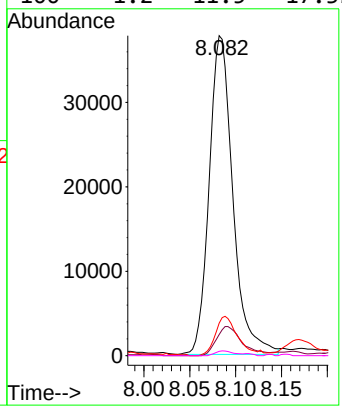


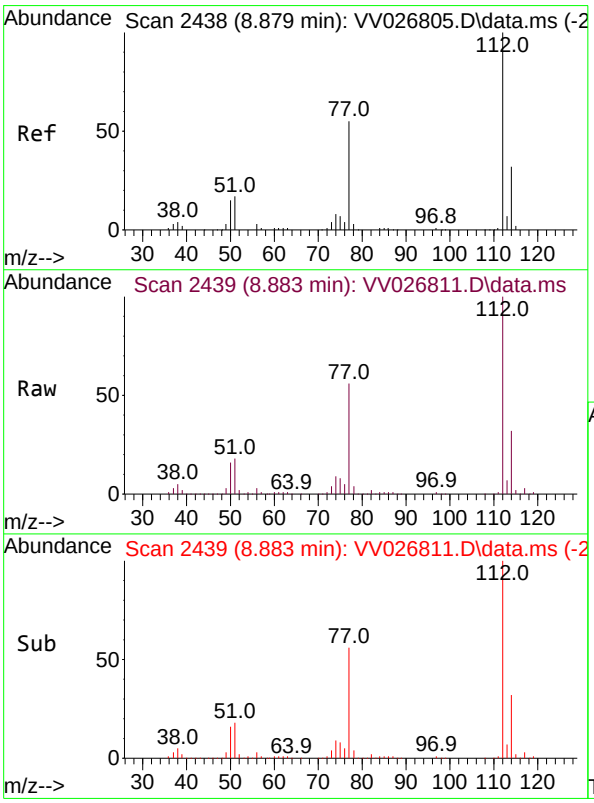
#48
2-Hexanone
Concen: 9.107 ug/L
RT: 8.082 min Scan# 2
Delta R.T. -0.055 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 43 Resp: 67894

Ion	Ratio	Lower	Upper
43	100		
58	9.9	47.9	71.9#
57	11.8	16.3	24.5#
100	1.2	11.5	17.3#

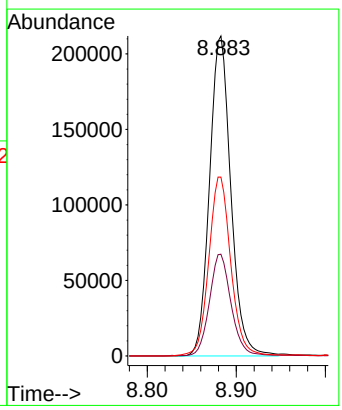


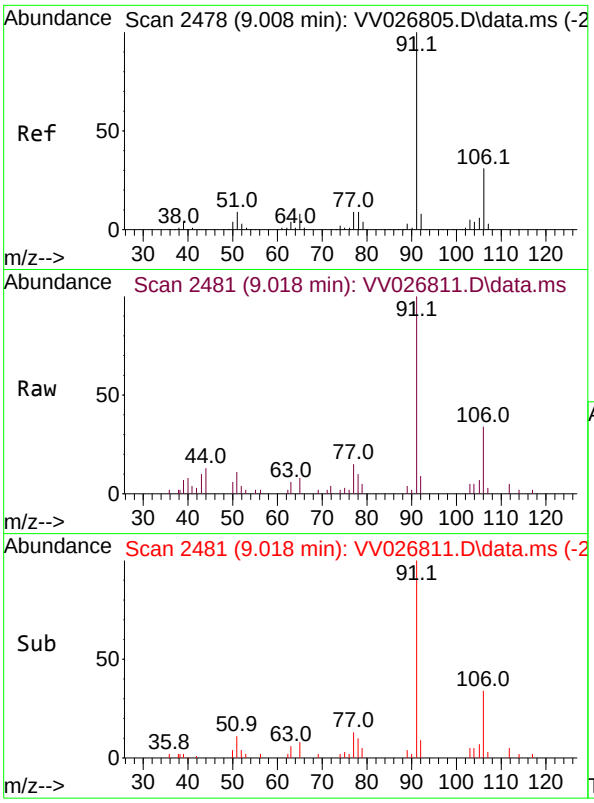


#51
Chlorobenzene
Concen: 5.913 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:112 Resp: 352103

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	55.9	46.6	70.0



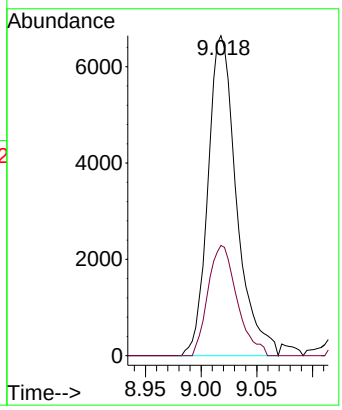


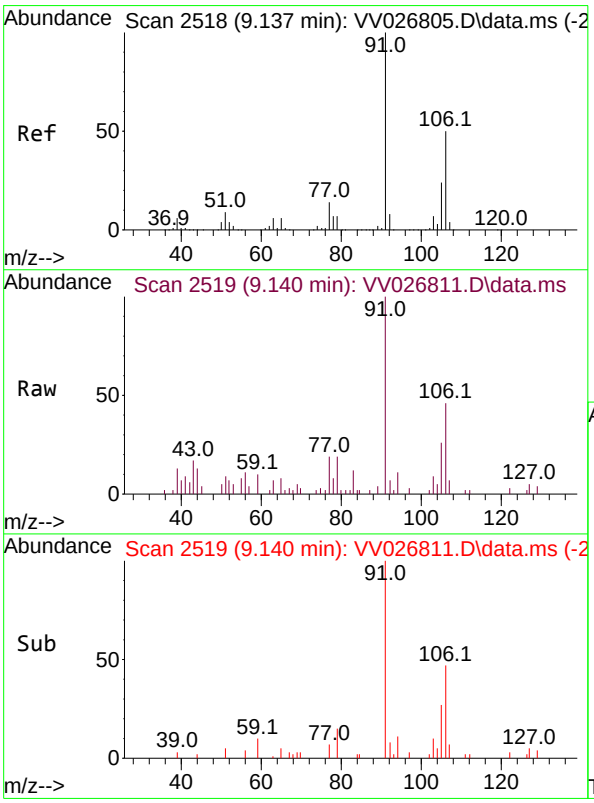
#52
Ethylbenzene
Concen: 0.127 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 91 Resp: 11864

Ion	Ratio	Lower	Upper
91	100		
106	34.5	21.6	40.2

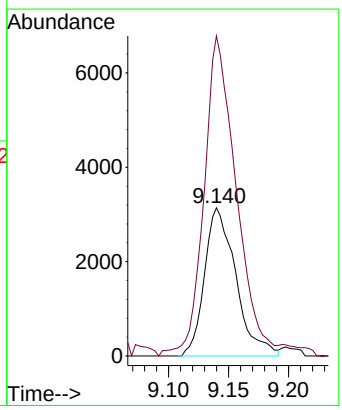


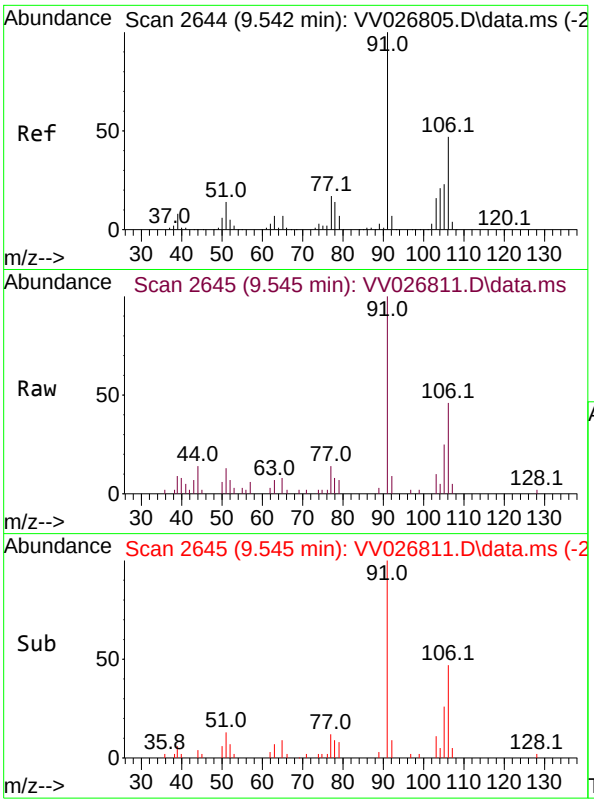


#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:106 Resp: 5709

Ion	Ratio	Lower	Upper
106	100		
91	216.0	139.3	258.7



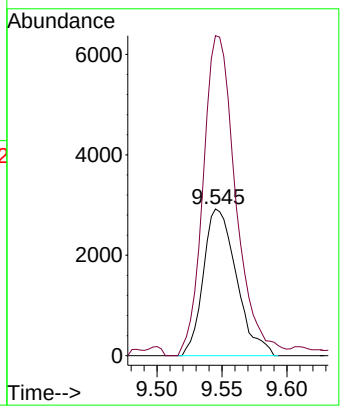


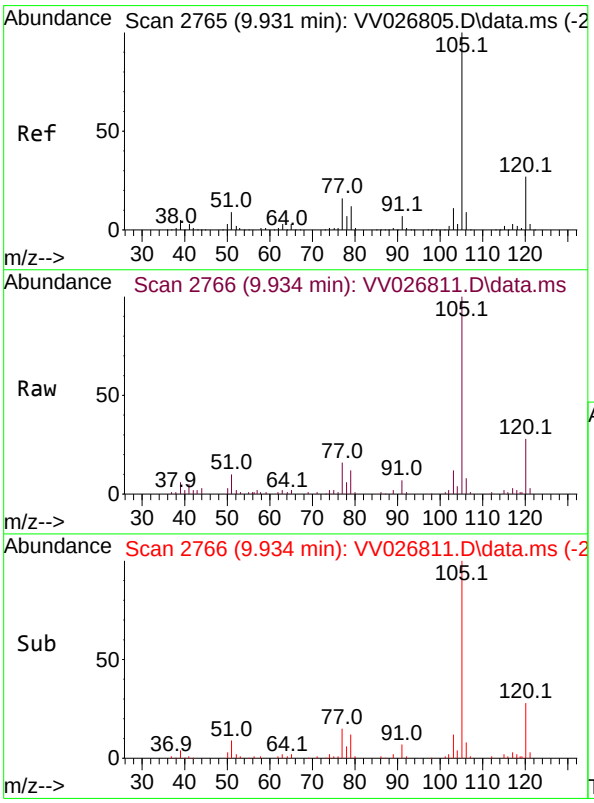
#54
o-Xylene
Concen: 0.151 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion:106 Resp: 5185

Ion	Ratio	Lower	Upper
106	100		
91	218.0	151.1	280.7

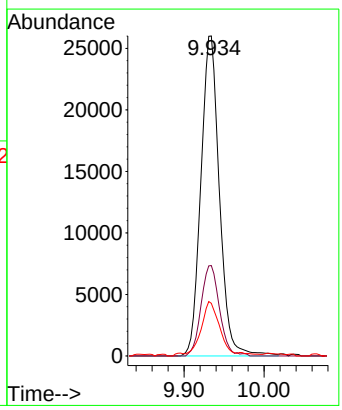


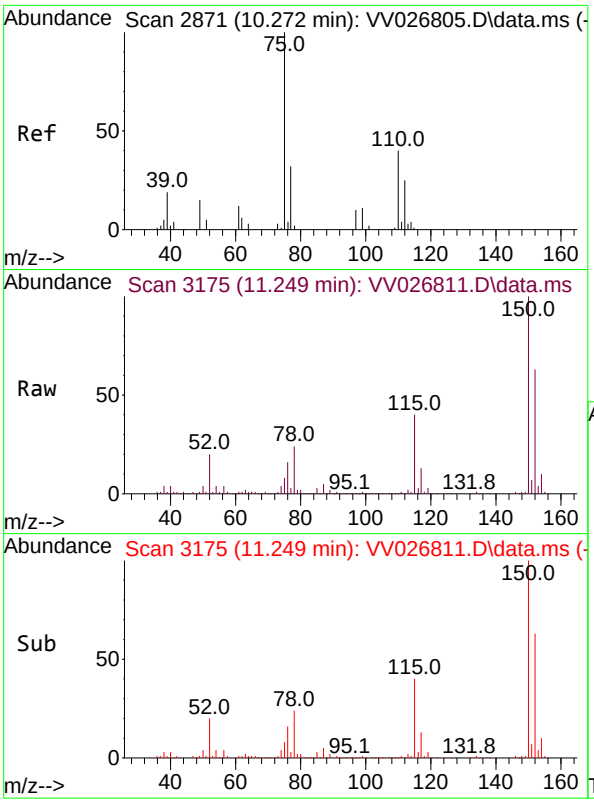


#60
Isopropylbenzene
Concen: 0.461 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:105 Resp: 42044

Ion	Ratio	Lower	Upper
105	100		
120	28.0	20.7	31.1
77	15.1	12.5	18.7



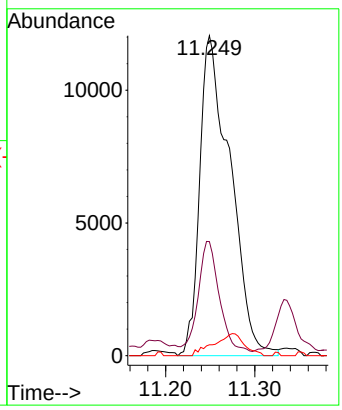


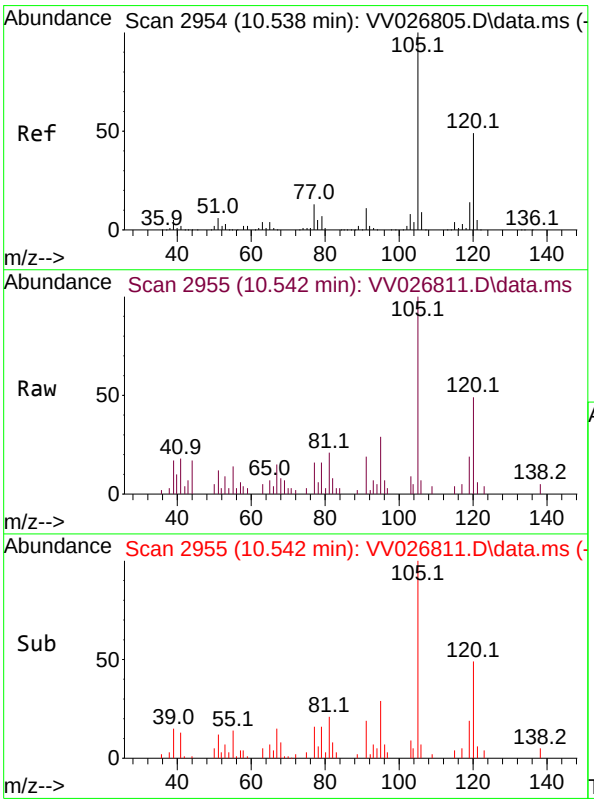
#61
1,2,3-Trichloropropane
Concen: 2.124 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion: 75 Resp: 28625

Ion	Ratio	Lower	Upper
75	100		
77	23.6	25.4	38.0#
110	6.9	31.8	47.6#

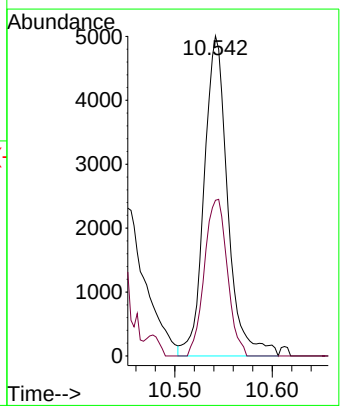


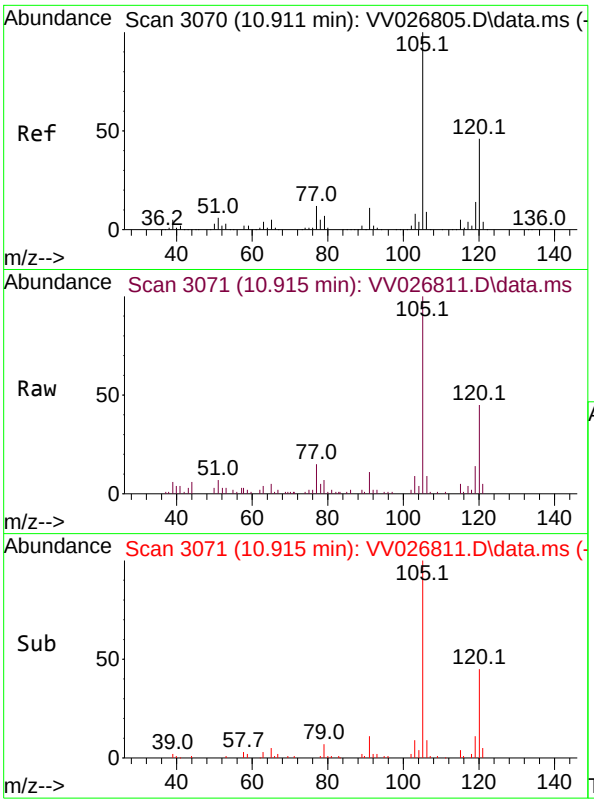


#62
1,3,5-Trimethylbenzene
Concen: 0.116 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:105 Resp: 8407

Ion	Ratio	Lower	Upper
105	100		
120	47.6	39.6	59.4



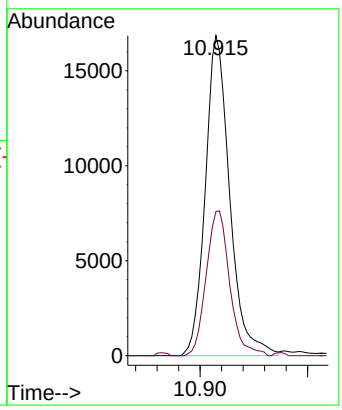


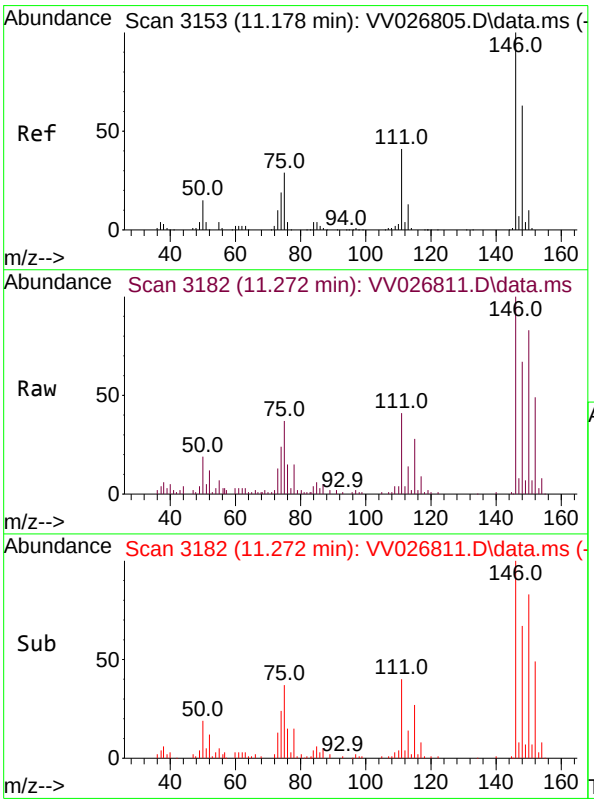
#63
1,2,4-Trimethylbenzene
Concen: 0.360 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion:105 Resp: 26531

Ion	Ratio	Lower	Upper
105	100		
120	43.5	36.8	55.2

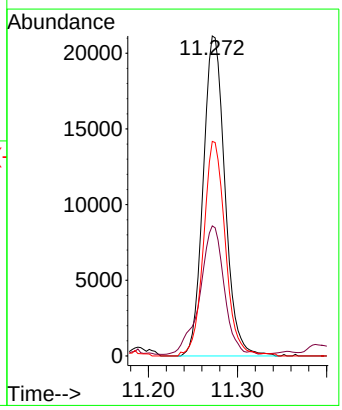


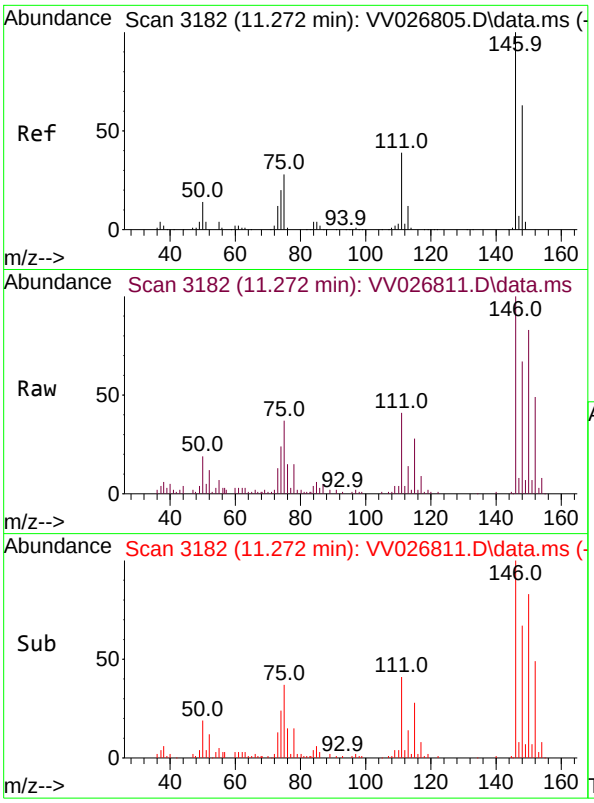


#64
1,3-Dichlorobenzene
Concen: 0.803 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.093 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:146 Resp: 35841

Ion	Ratio	Lower	Upper
146	100		
111	40.7	27.9	51.7
148	67.0	44.9	83.5



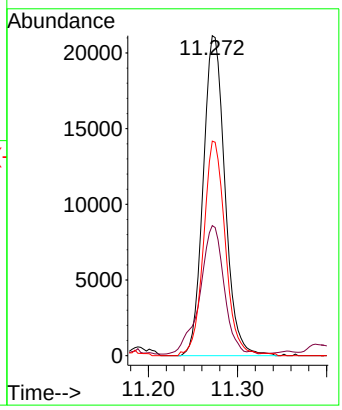


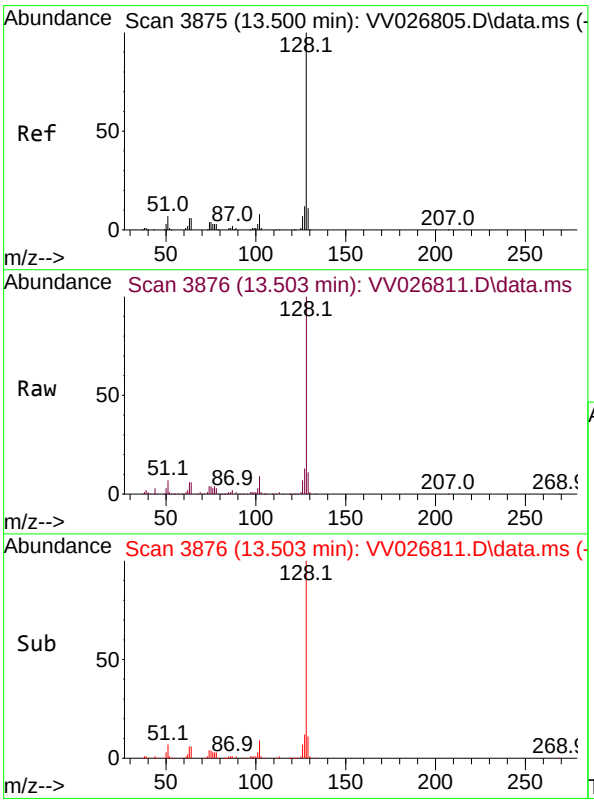
#65
1,4-Dichlorobenzene
Concen: 0.789 ug/L
RT: 11.272 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
H0B09

Tgt Ion:146 Resp: 35841

Ion	Ratio	Lower	Upper
146	100		
111	40.7	26.8	49.8
148	67.0	43.3	80.5





#71
Naphthalene
Concen: 2.039 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026811.D
Acq: 18 Jul 2022 15:13

Tgt Ion:128 Resp: 81072

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.2	10.7	16.1