Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030142.D
Acq On : 20 Jul 2022 19:08
Operator : JC/MD
Sample : N3763-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Quant Time: Jul 21 03:33:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	167195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108118	53.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.260%			
35) Dibromofluoromethane	5.397	113	93000	46.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.380%			
50) Toluene-d8	8.653	98	357081	47.666	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.340%			
62) 4-Bromofluorobenzene	11.085	95	116523	44.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.640%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	540	0.310	ug/l #	76
6) Chloroethane	1.685	64	2361	2.167	ug/l	98
16) Acetone	2.386	43	41002	42.758	ug/l	100
17) Carbon Disulfide	2.514	76	6491	0.993	ug/l #	91
19) Methyl tert-butyl Ether	3.123	73	5213	0.968	ug/l	100
25) 2-Butanone	4.574	43	24616	15.070	ug/l	98
29) Tetrahydrofuran	5.026	42	5455	4.921	ug/l #	89
40) Benzene	6.044	78	11356	1.402	ug/l	100
44) Trichloroethene	7.147	130	1365	0.577	ug/l	51
51) 4-Methyl-2-Pentanone	8.580	43	42756	12.997	ug/l	100
52) Toluene	8.720	92	52143	10.140	ug/l	98
59) 2-Hexanone	9.439	43	12490	4.951	ug/l	93
64) Tetrachloroethene	9.281	164	1093	0.521	ug/l	89
67) Ethyl Benzene	10.195	91	12364	1.402	ug/l	90
68) m/p-Xylenes	10.305	106	19700	5.697	ug/l	96
69) o-Xylene	10.646	106	9361	2.704	ug/l	87
73) Isopropylbenzene	10.964	105	2135	0.292	ug/l	96
78) n-propylbenzene	11.305	91	5883	0.678	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	9141	1.484	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	34526	5.666	ug/l	99
85) sec-Butylbenzene	11.890	105	2267	0.290	ug/l	82
86) p-Isopropyltoluene	12.012	119	5340	0.852	ug/l	92
89) n-Butylbenzene	12.335	91	4947	0.881	ug/l #	47
95) Naphthalene	13.780	128	107224	12.809	ug/l	99

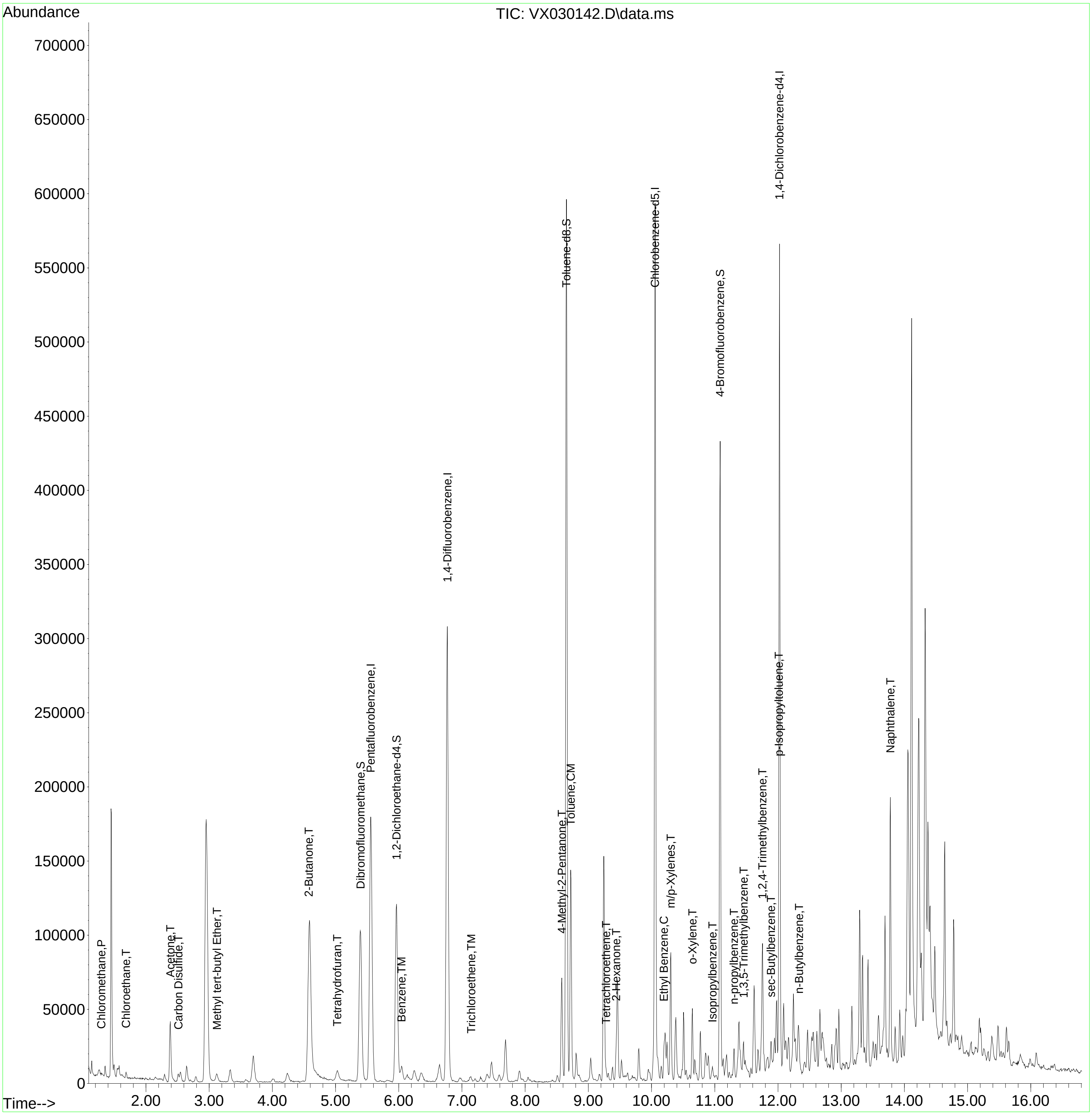
(#) = qualifier out of range (m) = manual integration (+) = signals summed

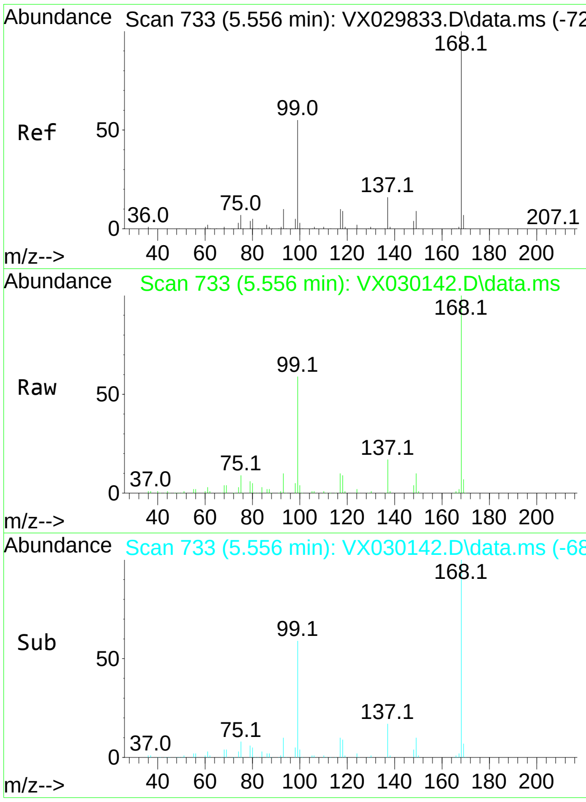
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030142.D
Acq On : 20 Jul 2022 19:08
Operator : JC/MD
Sample : N3763-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Quant Time: Jul 21 03:33:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration



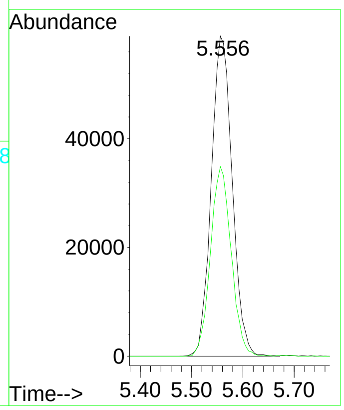


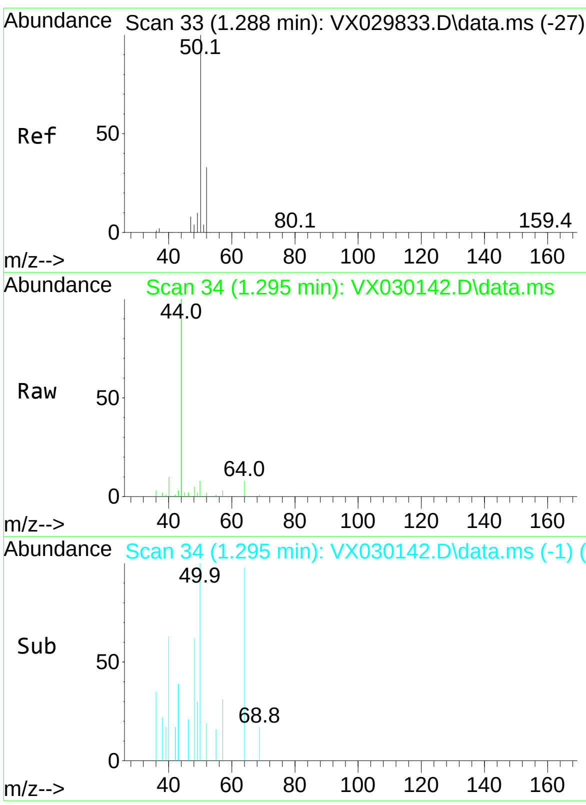
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min   Scan# 7
Delta R.T.   -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:168 Resp: 167195

Ion	Ratio	Lower	Upper
168	100		
99	59.2	44.0	66.0

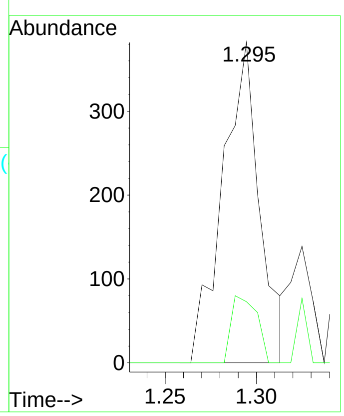


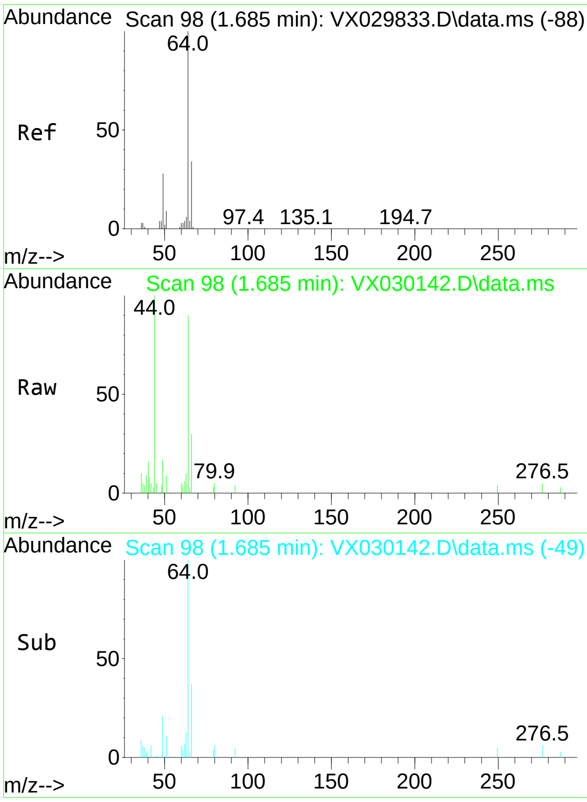


#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.295 min   Scan# 34
Delta R.T.   0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 50 Resp: 540

Ion	Ratio	Lower	Upper
50	100		
52	19.1	26.3	39.5#



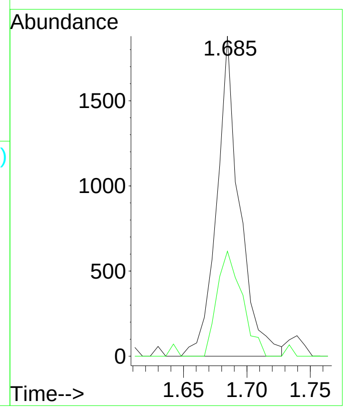


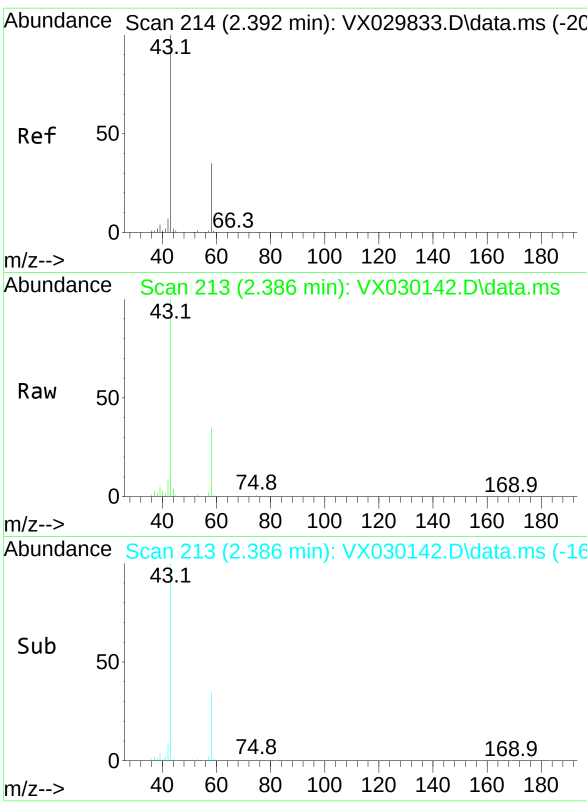
#6
Chloroethane
Concen: 2.167 ug/l
RT: 1.685 min   Scan# 98
Delta R.T.   -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion: 64 Resp: 2361

Ion	Ratio	Lower	Upper
64	100		
66	32.8	27.2	40.8

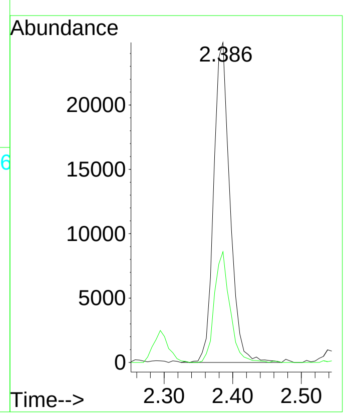


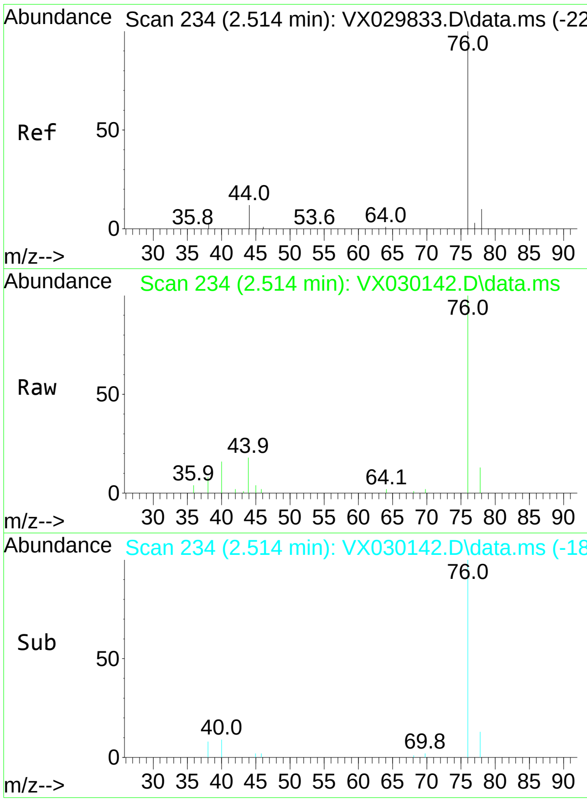


#16
Acetone
Concen: 42.758 ug/l
RT: 2.386 min   Scan# 213
Delta R.T.   -0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 43 Resp: 41002

Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.7	41.5



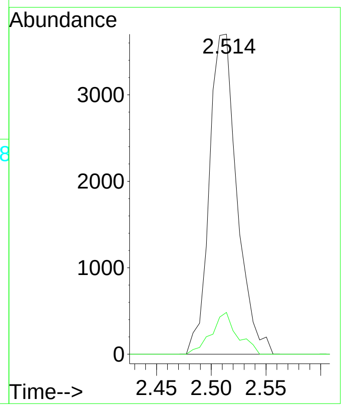


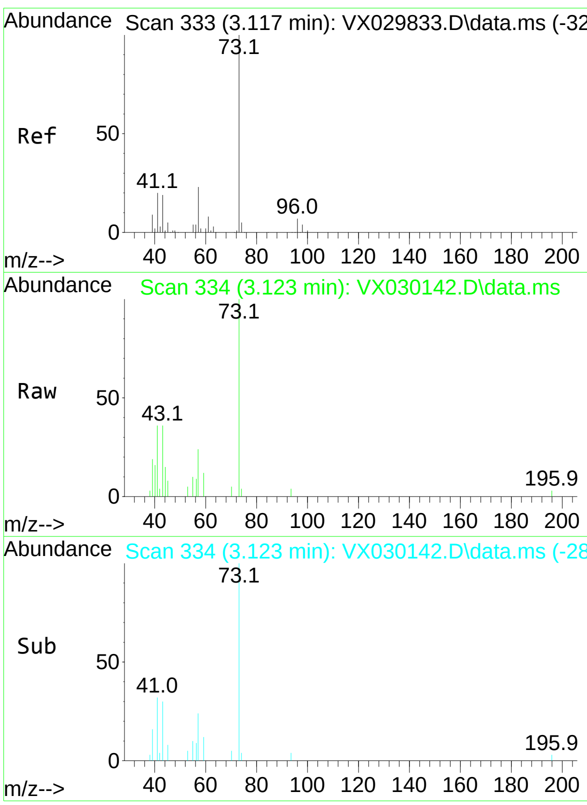
#17
Carbon Disulfide
Concen: 0.993 ug/l
RT: 2.514 min   Scan# 2
Delta R.T.   -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion: 76 Resp: 6491

Ion	Ratio	Lower	Upper
76	100		
78	13.0	7.8	11.6#

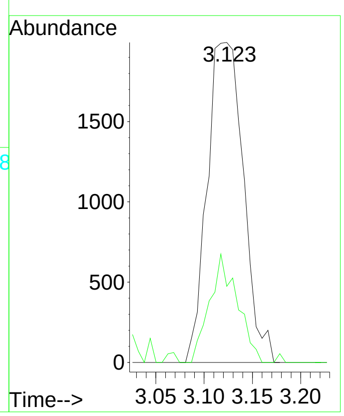


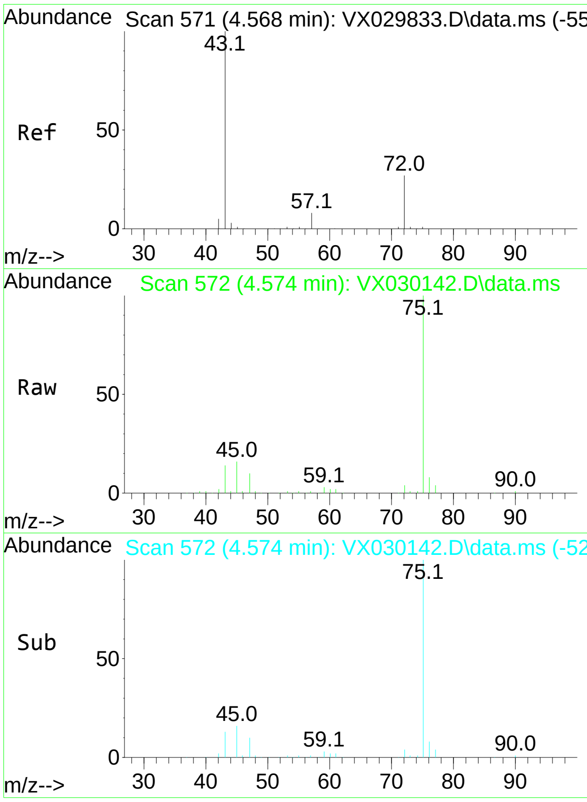


#19
Methyl tert-butyl Ether
Concen: 0.968 ug/l
RT: 3.123 min   Scan# 334
Delta R.T.   0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 73 Resp: 5213

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.0	28.6





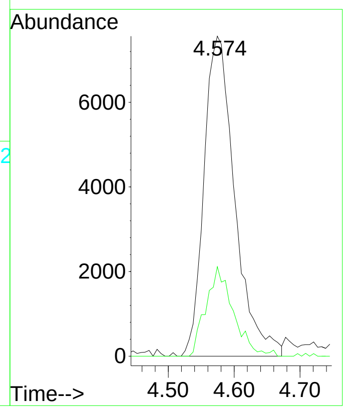
#25
2-Butanone
Concen: 15.070 ug/l
RT: 4.574 min   Scan# 5

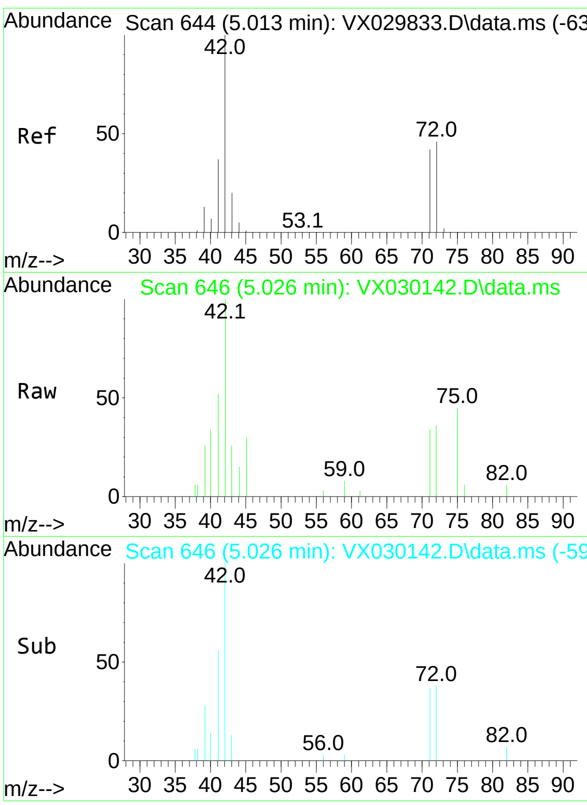
Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Delta R.T.   0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 43 Resp: 24616

Ion	Ratio	Lower	Upper
43	100		
72	28.0	21.7	32.5

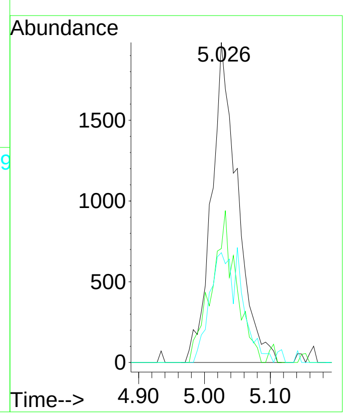


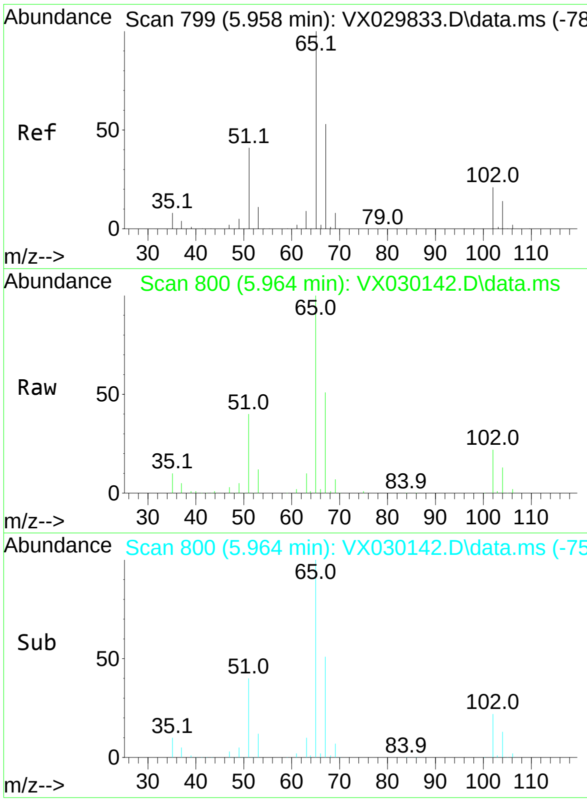


#29
Tetrahydrofuran
Concen: 4.921 ug/l
RT: 5.026 min   Scan# 646
Delta R.T.   0.013 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 42 Resp: 5455

Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.5	54.7
71	28.9	33.9	50.9#



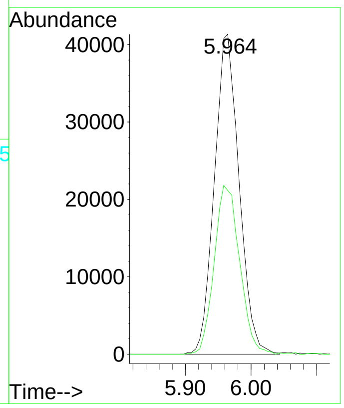


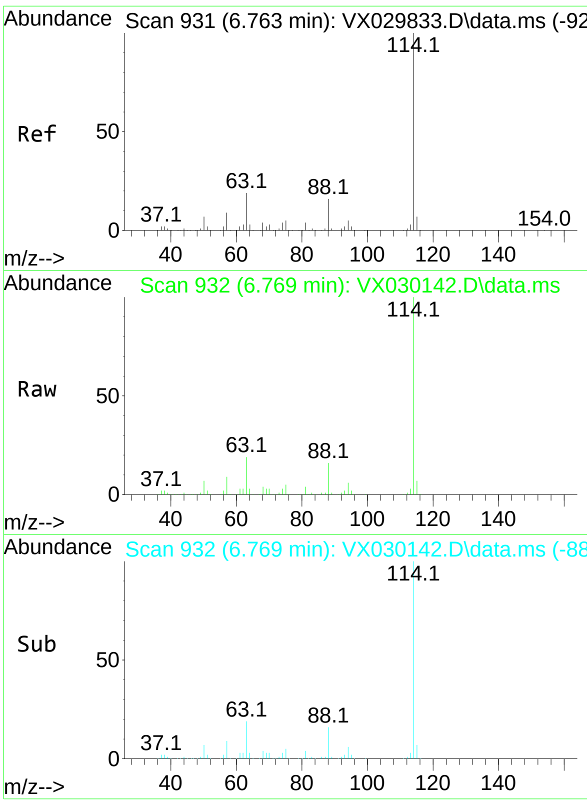
#33
1,2-Dichloroethane-d4
Concen: 53.127 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion: 65 Resp: 108118

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.6

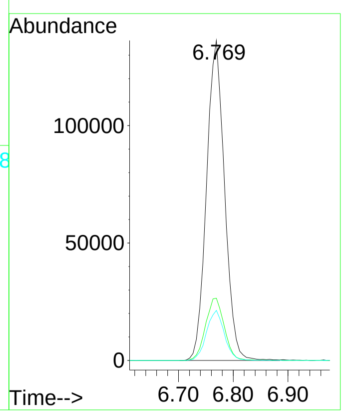


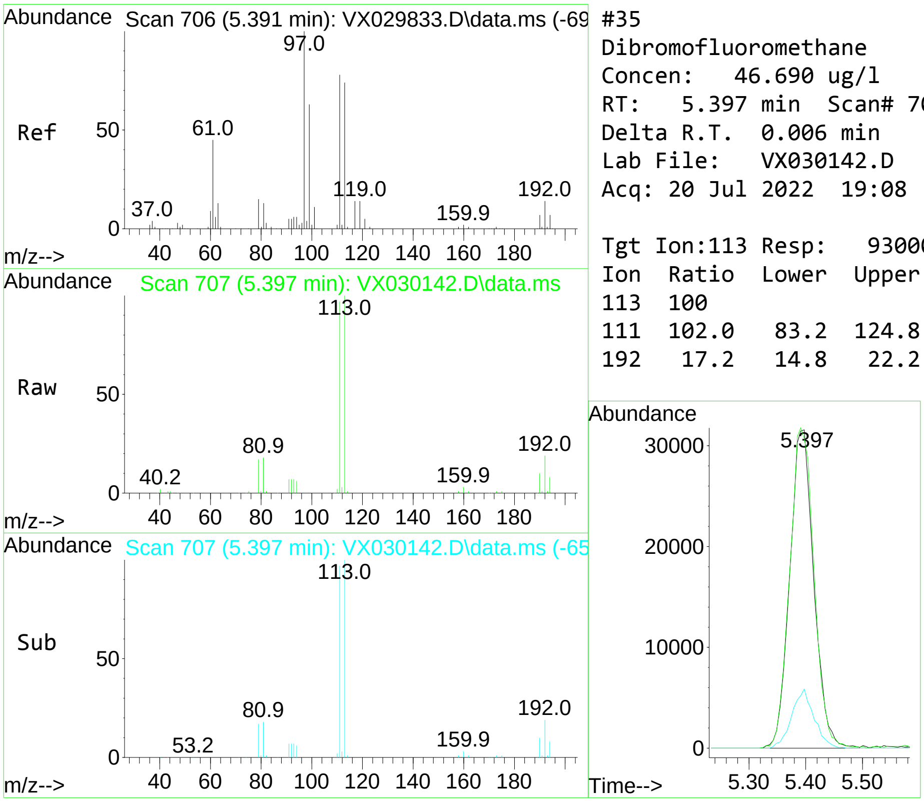


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:114 Resp: 311795

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	15.6	0.0	31.8



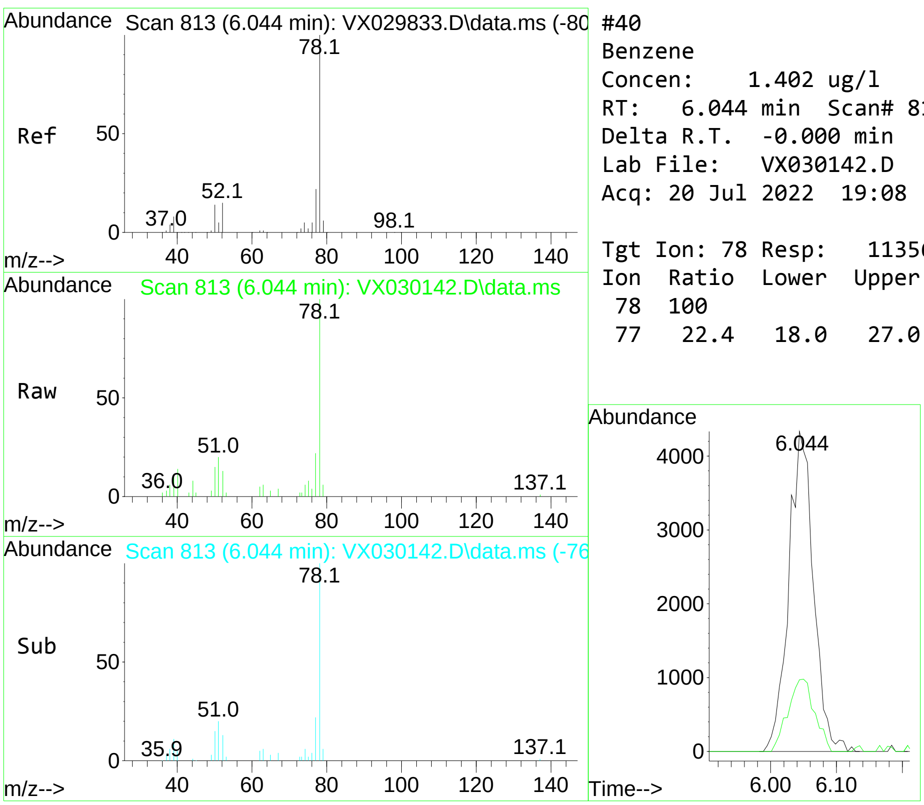


#35
Dibromofluoromethane
Concen: 46.690 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:113 Resp: 93000

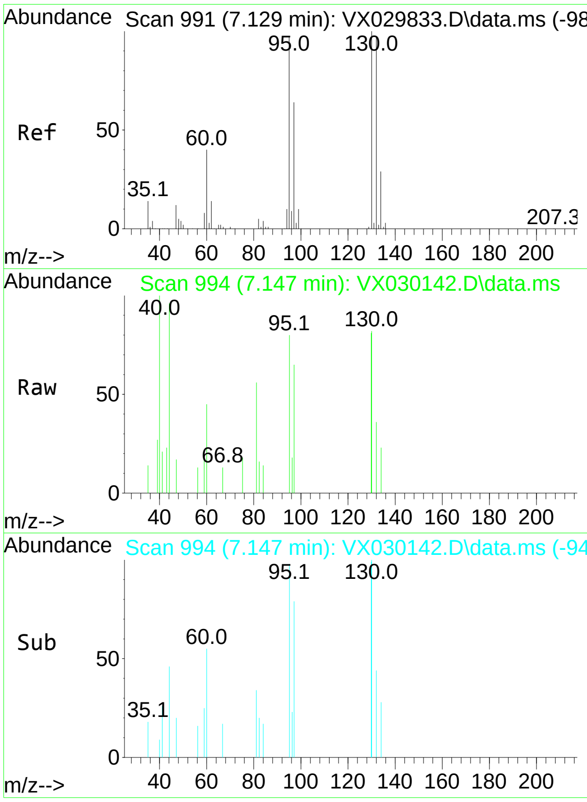
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	17.2	14.8	22.2



#40
Benzene
Concen: 1.402 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion: 78 Resp: 11356

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.0	27.0

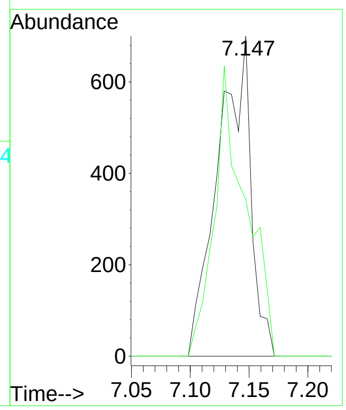


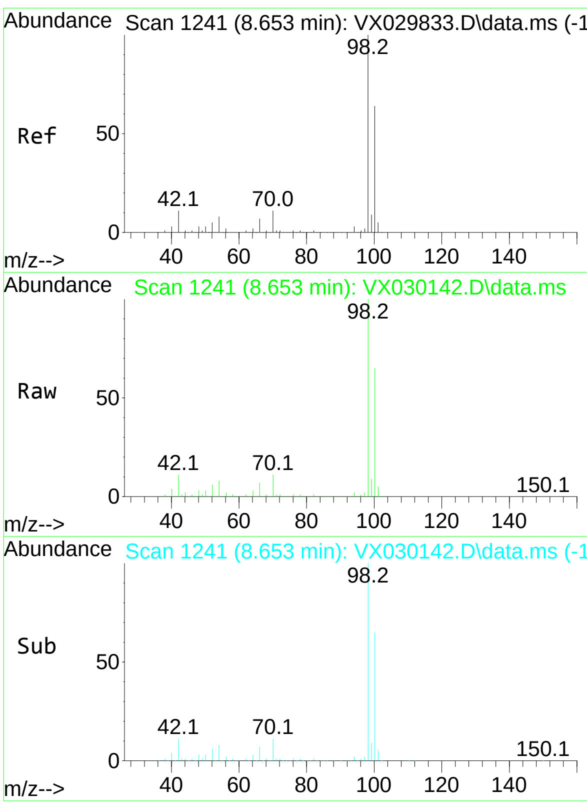
#44
Trichloroethene
Concen: 0.577 ug/l
RT: 7.147 min   Scan# 99
Delta R.T.   0.018 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:130 Resp: 1365

Ion	Ratio	Lower	Upper
130	100		
95	49.0	0.0	194.8

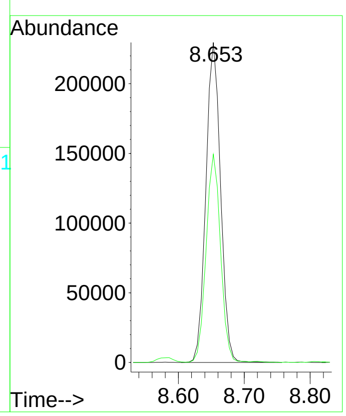


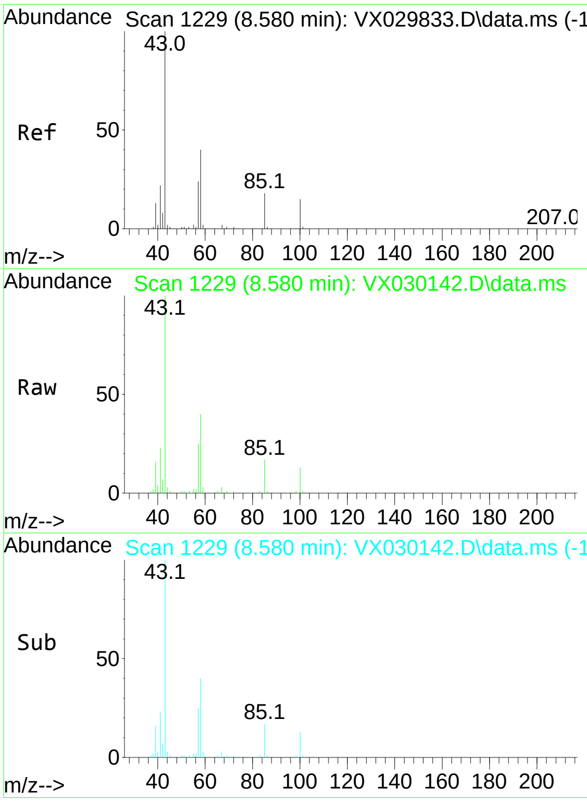


#50
Toluene-d8
Concen: 47.666 ug/l
RT: 8.653 min   Scan# 1241
Delta R.T.   -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022   19:08

Tgt Ion: 98 Resp: 357081

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5



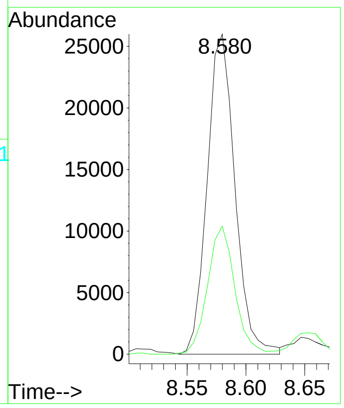


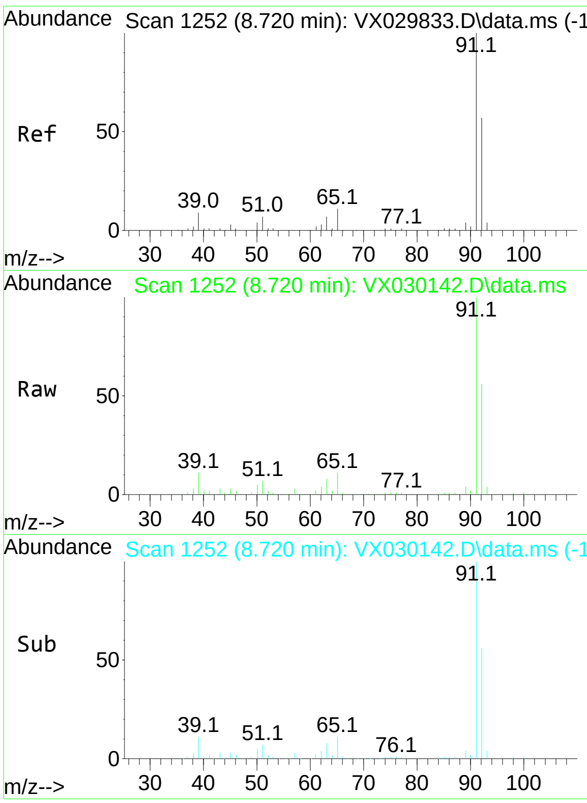
#51
4-Methyl-2-Pentanone
Concen: 12.997 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion: 43 Resp: 42756

Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.4	47.2

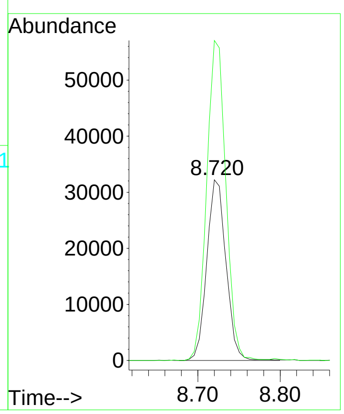


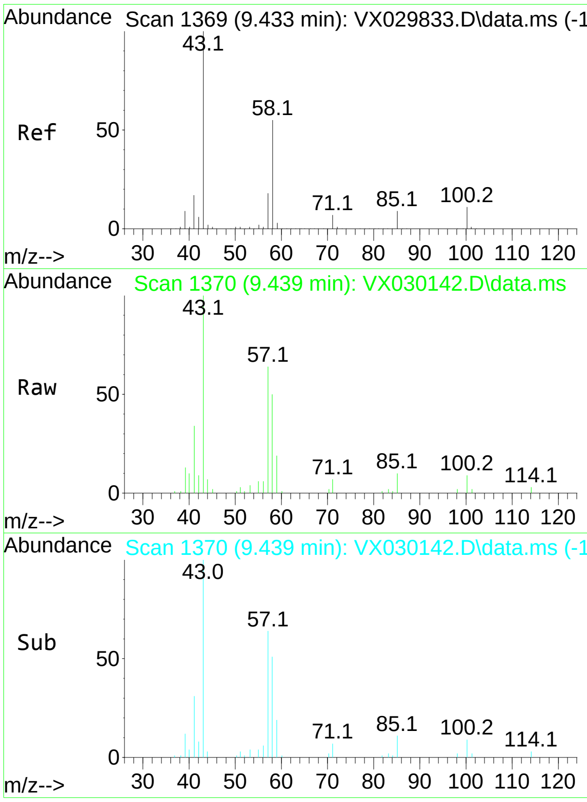


#52
Toluene
Concen: 10.140 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion: 92 Resp: 52143

Ion	Ratio	Lower	Upper
92	100		
91	177.2	139.2	208.8



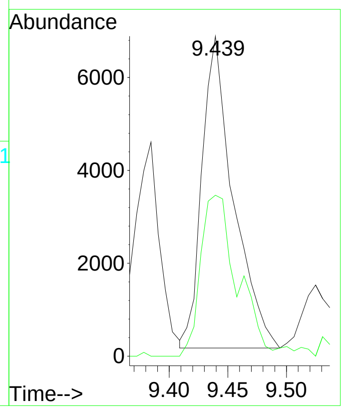


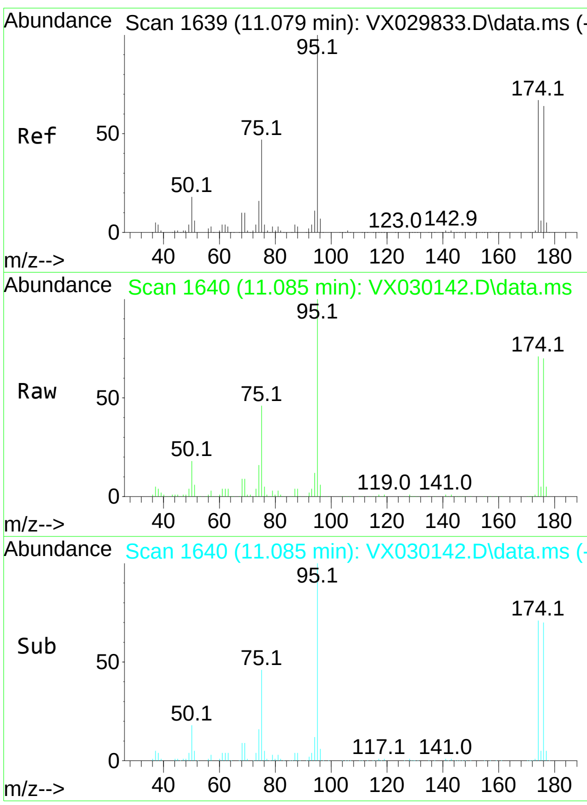
#59
2-Hexanone
Concen: 4.951 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion: 43 Resp: 12490

Ion	Ratio	Lower	Upper
43	100		
58	60.2	27.6	82.8

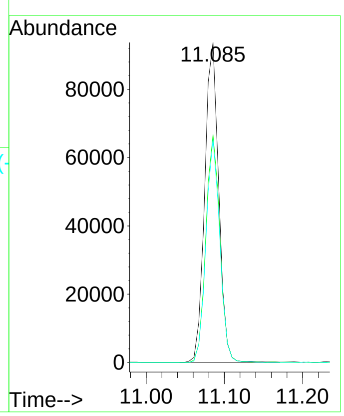


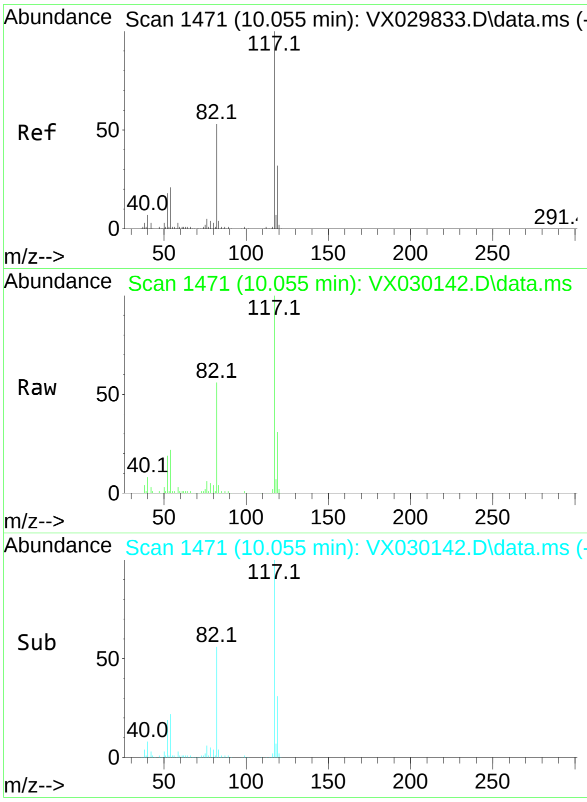


#62
4-Bromofluorobenzene
Concen: 44.822 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion: 95 Resp: 116523

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	149.0
176	68.6	0.0	146.0



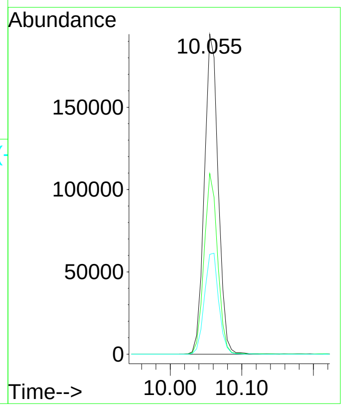


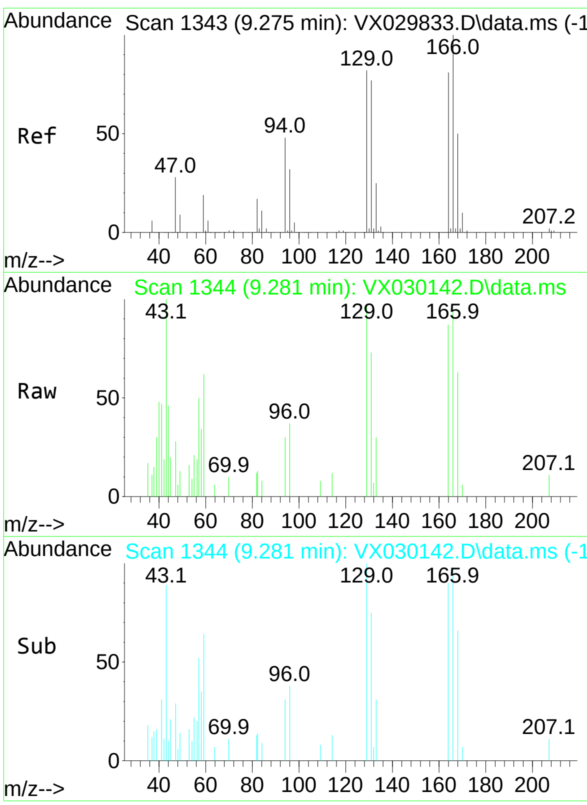
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:117 Resp: 261236

Ion	Ratio	Lower	Upper
117	100		
82	56.4	42.7	64.1
119	31.2	25.4	38.2

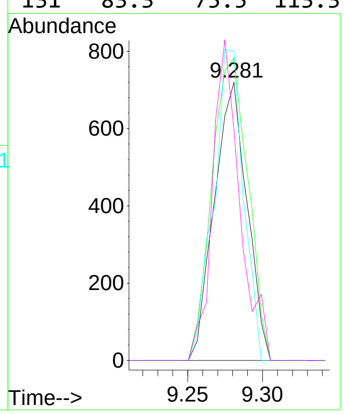


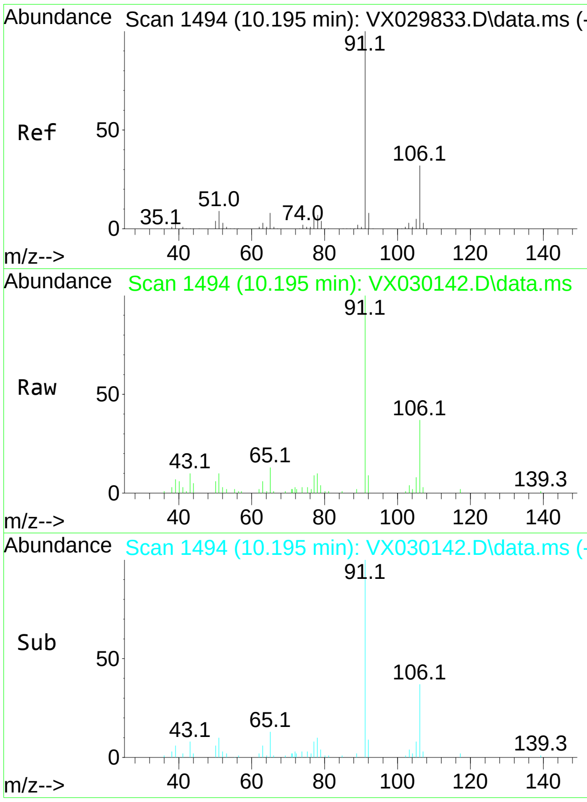


#64
Tetrachloroethene
Concen: 0.521 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:164 Resp: 1093

Ion	Ratio	Lower	Upper
164	100		
166	108.9	98.2	147.4
129	111.3	80.8	121.2
131	83.3	75.5	113.3

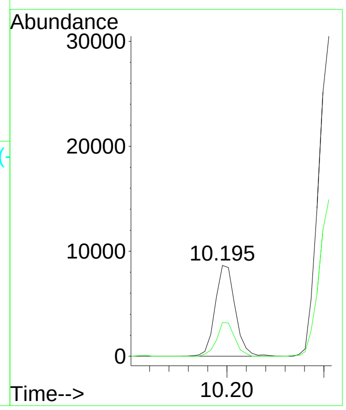


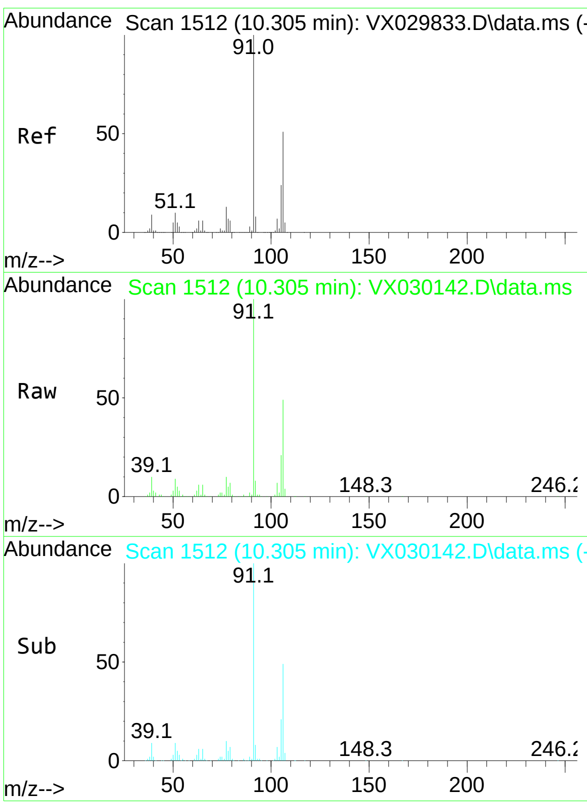



```
#67
Ethyl Benzene
Concen:    1.402 ug/l
RT:  10.195 min  Scan# 14
Delta R.T.  0.000 min
Lab File:   VX030142.D
Acq: 20 Jul 2022  19:08

Tgt Ion: 91 Resp:   12364
Ion  Ratio  Lower  Upper
 91  100
106   37.2   25.5   38.3
```

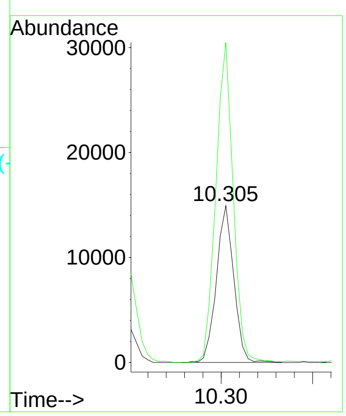
Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

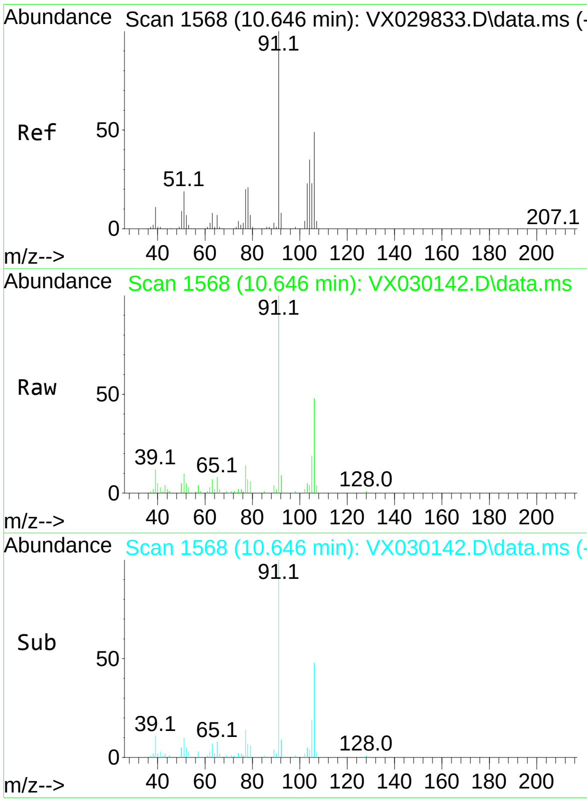





```
#68
m/p-Xylenes
Concen:    5.697 ug/l
RT:  10.305 min  Scan# 1512
Delta R.T.  0.000 min
Lab File:   VX030142.D
Acq: 20 Jul 2022  19:08

Tgt Ion:106 Resp:   19700
Ion  Ratio  Lower  Upper
106  100
 91  203.6  158.2  237.4
```





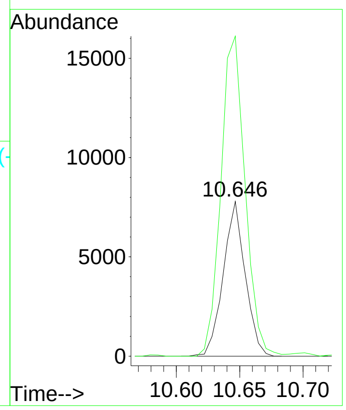
#69
o-Xylene
Concen: 2.704 ug/l
RT: 10.646 min Scan# 1

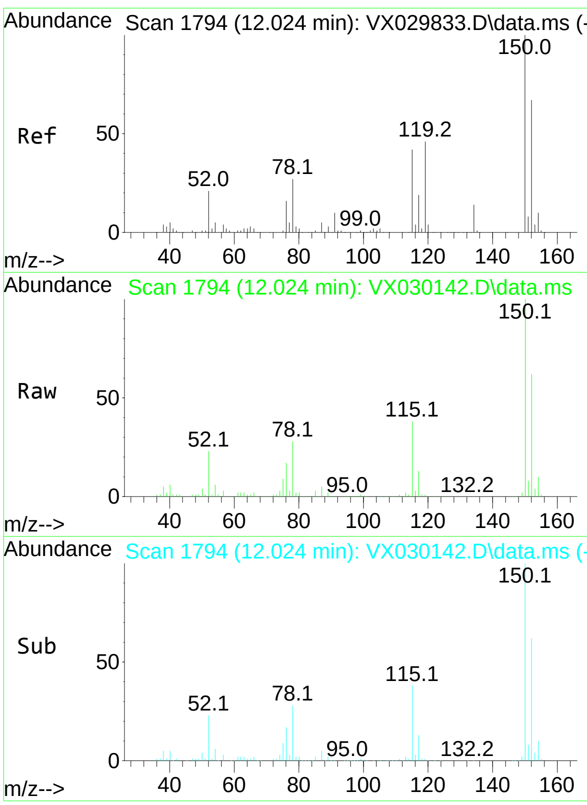
Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:106 Resp: 9361

Ion	Ratio	Lower	Upper
106	100		
91	228.4	103.8	311.6

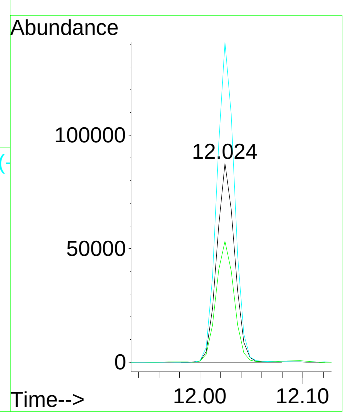


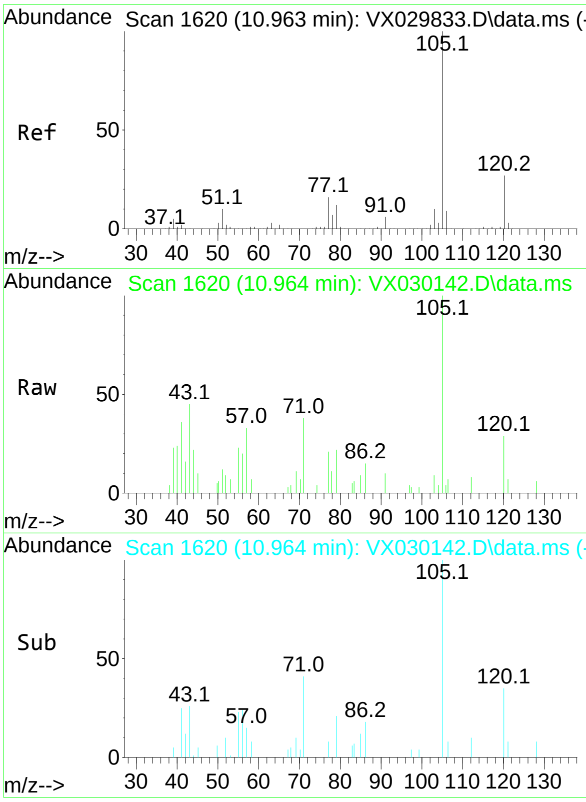


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:152 Resp: 104994

Ion	Ratio	Lower	Upper
152	100		
115	61.4	40.5	121.5
150	158.3	0.0	347.0





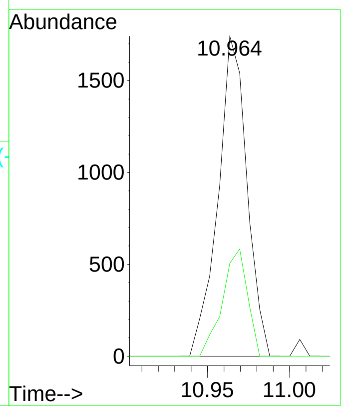
#73
Isopropylbenzene
Concen: 0.292 ug/l
RT: 10.964 min Scan# 1

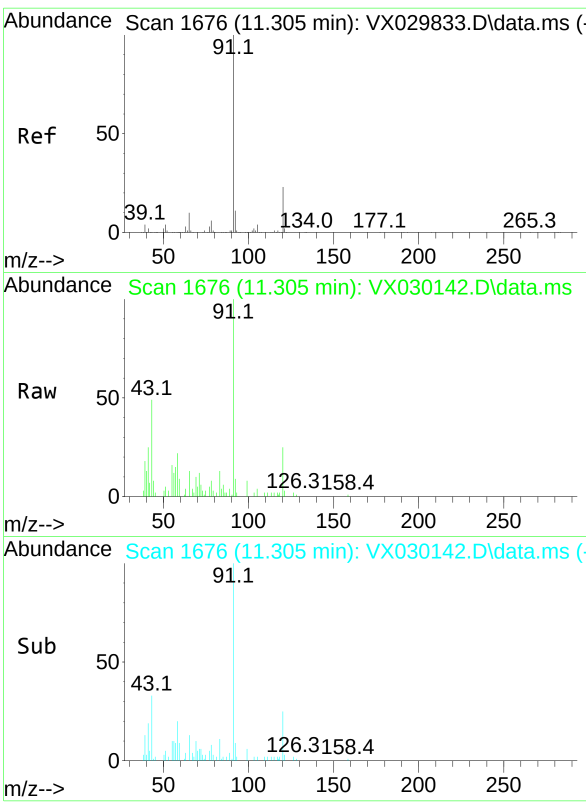
Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Delta R.T. 0.001 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:105 Resp: 2135

Ion	Ratio	Lower	Upper
105	100		
120	28.9	13.5	40.4

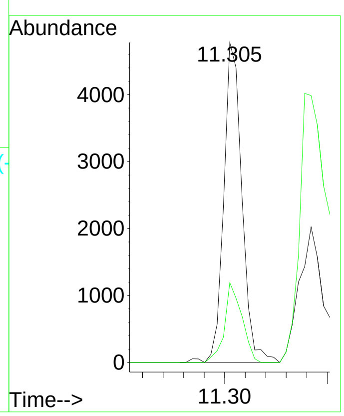


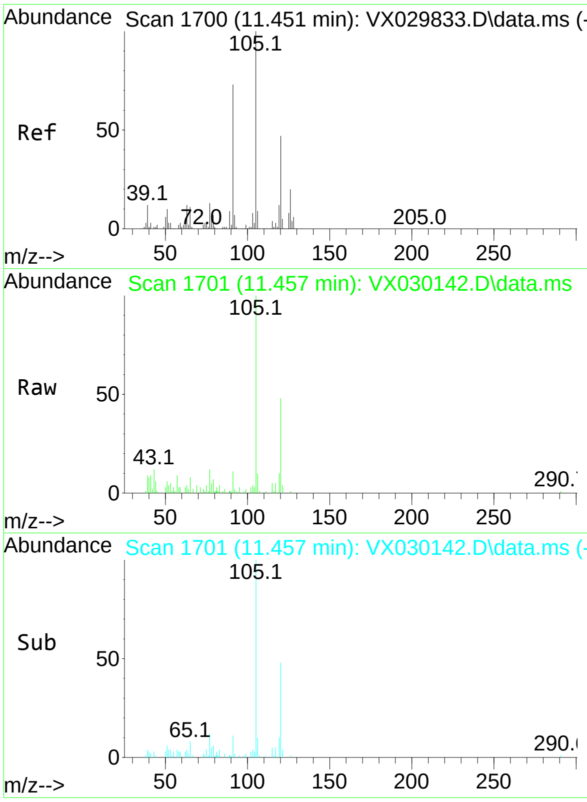


#78
n-propylbenzene
Concen: 0.678 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion: 91 Resp: 5883

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8



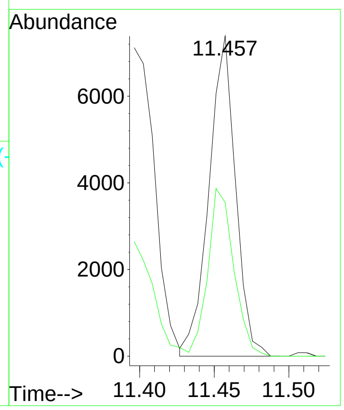


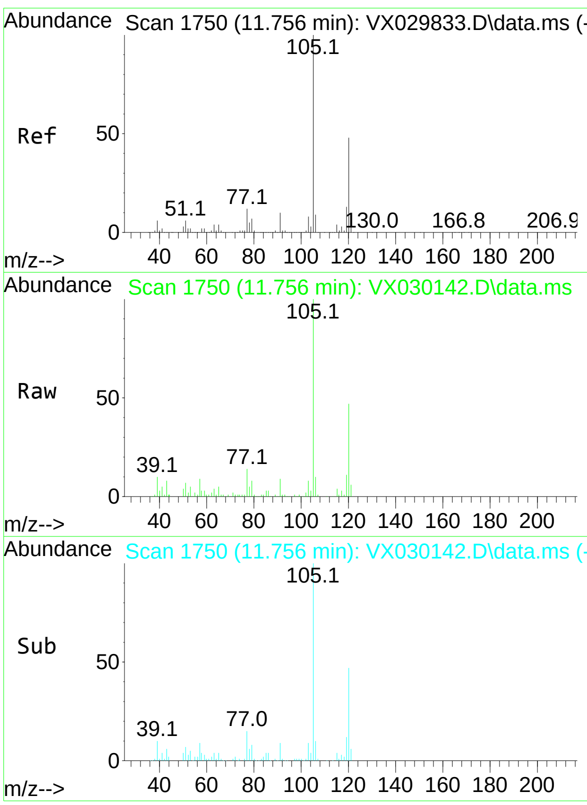
#80
1,3,5-Trimethylbenzene
Concen: 1.484 ug/l
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:105 Resp: 9141

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.4	73.2

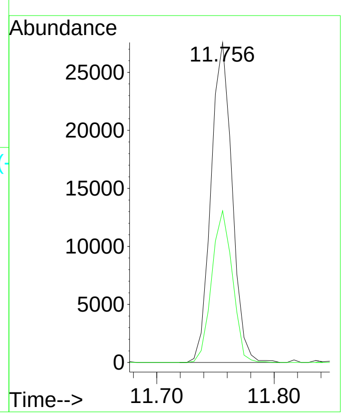


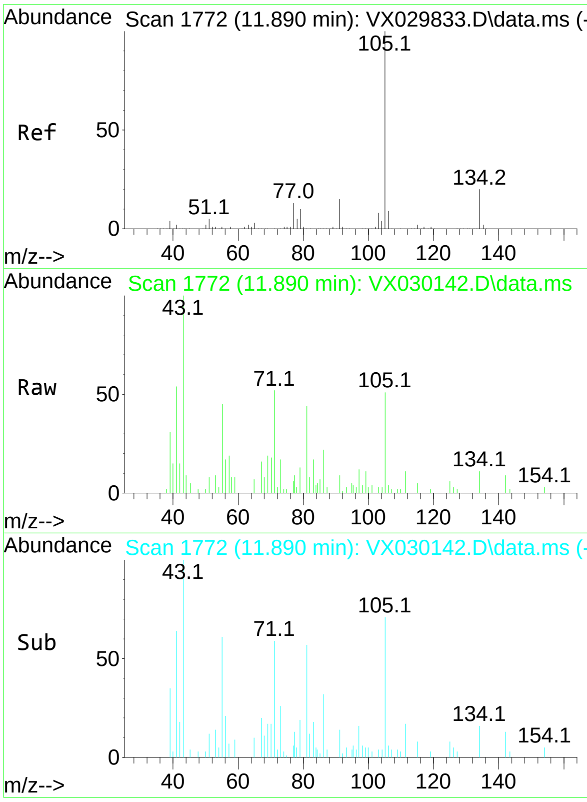


#84
1,2,4-Trimethylbenzene
Concen: 5.666 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:105 Resp: 34526

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8



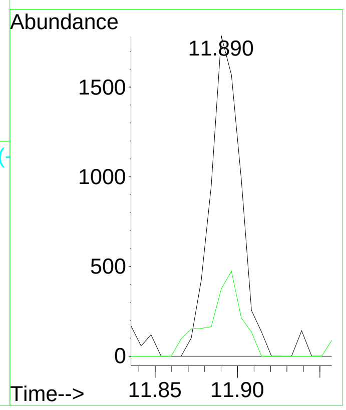


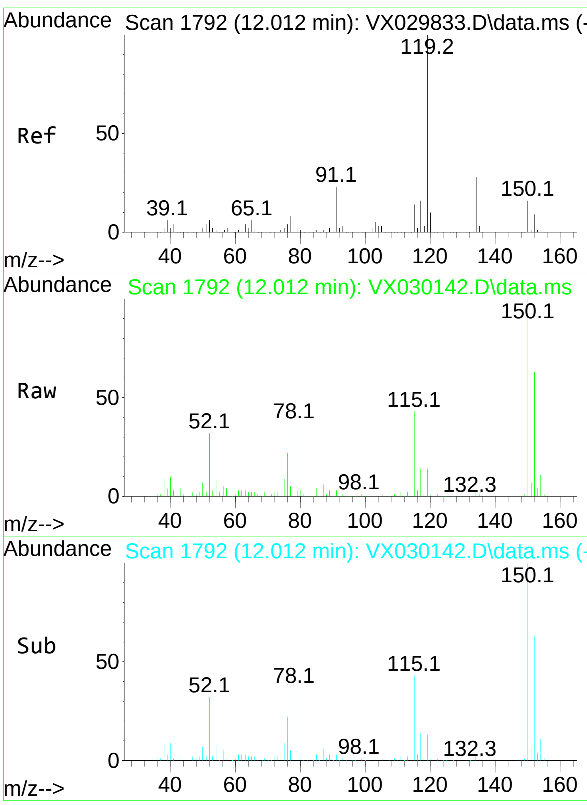
#85
sec-Butylbenzene
Concen: 0.290 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Tgt Ion:105 Resp: 2267

Ion	Ratio	Lower	Upper
105	100		
134	28.4	10.0	30.0

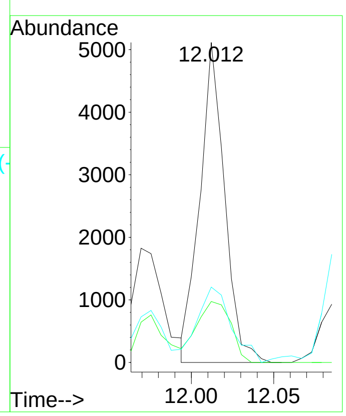


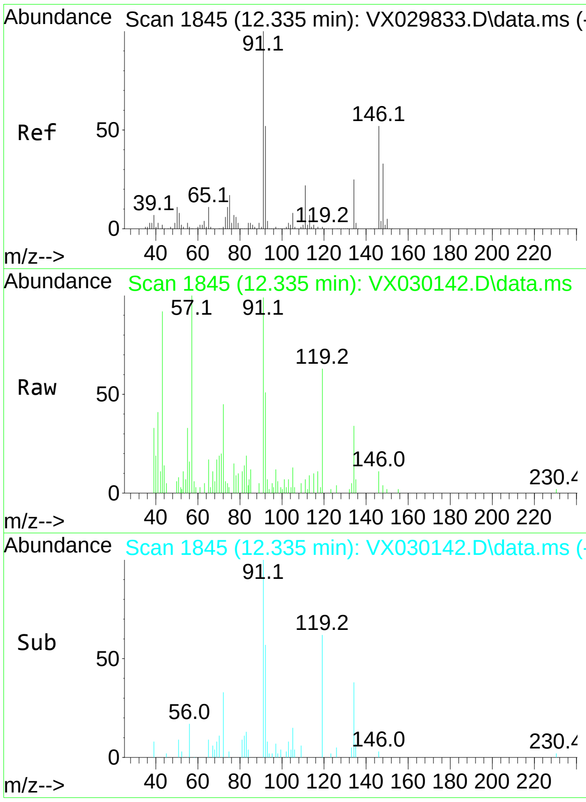


#86
p-Isopropyltoluene
Concen: 0.852 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:119 Resp: 5340

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.9	41.6
91	29.9	11.8	35.3





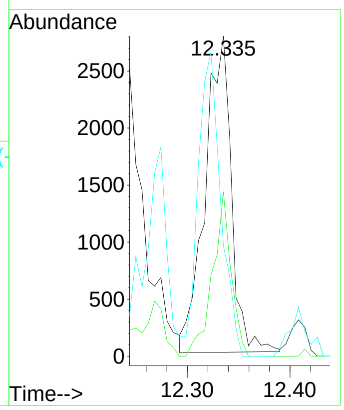
#89
n-Butylbenzene
Concen: 0.881 ug/l
RT: 12.335 min Scan# 1

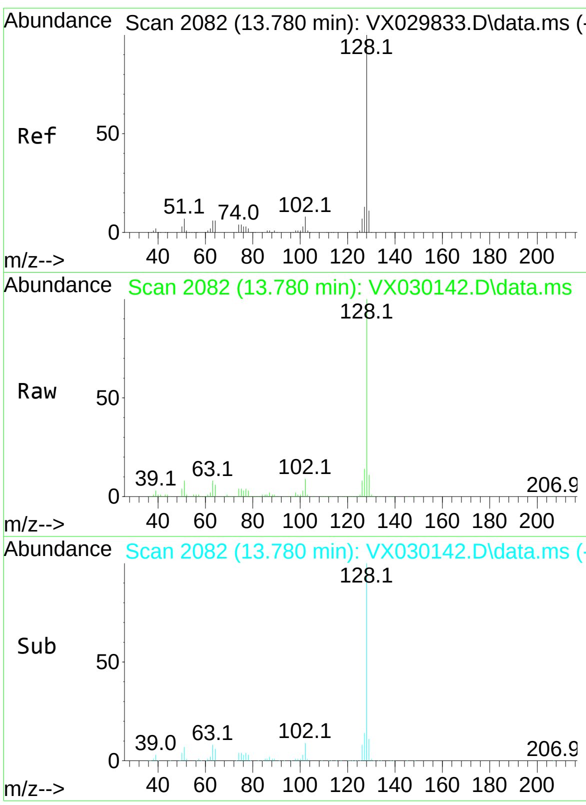
Instrument :
MSVOA_X
ClientSampleId :
TRE-1279-WATER

Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion: 91 Resp: 4947

Ion	Ratio	Lower	Upper
91	100		
92	36.5	26.2	78.5
134	83.2	12.6	37.8#





#95
Naphthalene
Concen: 12.809 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030142.D
Acq: 20 Jul 2022 19:08

Tgt Ion:128 Resp: 107224

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.6	8.6	13.0