Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
Data File : VX031507.D
Acq On : 20 Sep 2022 19:40
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK

Quant Time: Sep 21 04:55:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

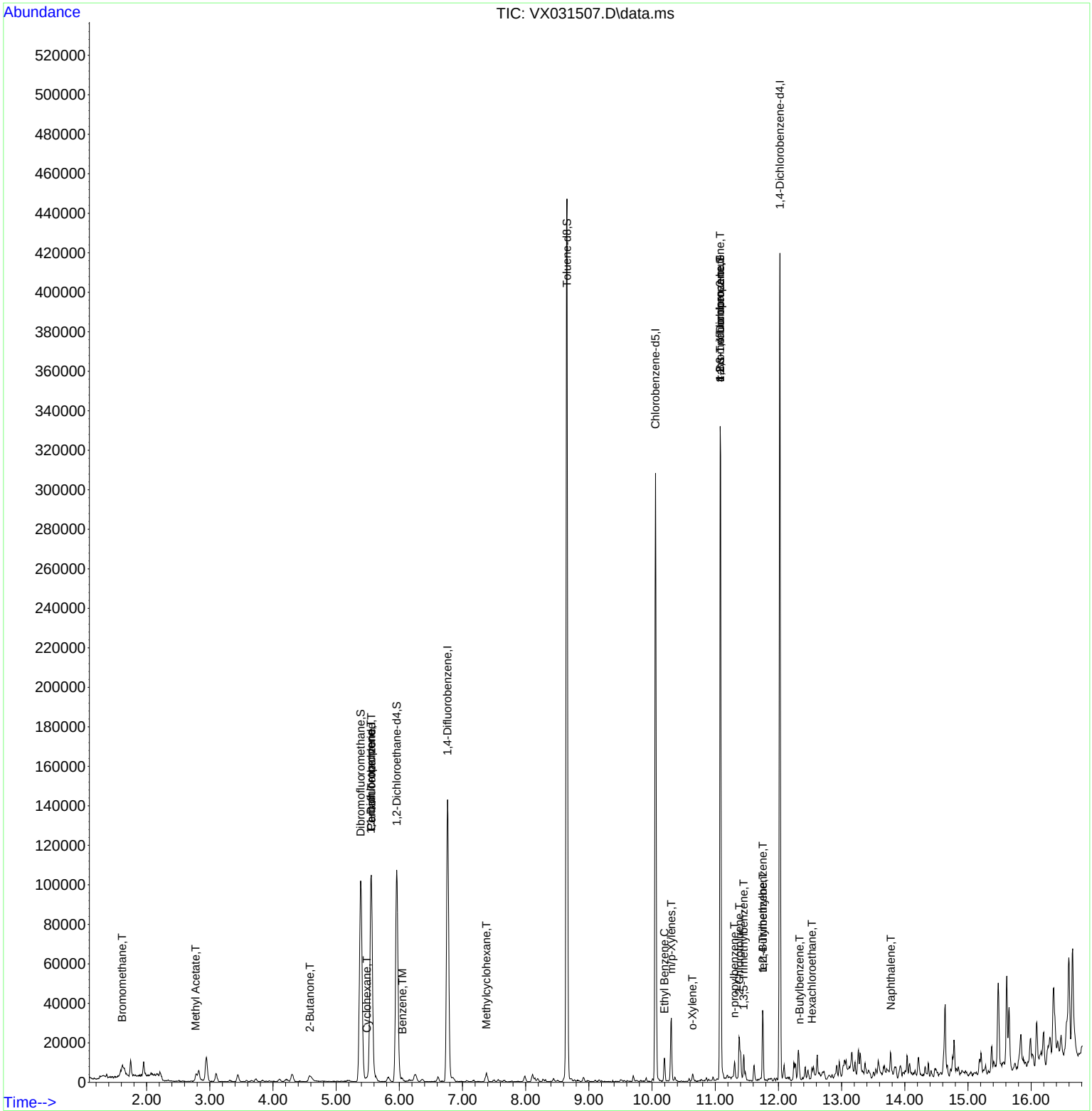
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	105871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101104	52.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	87876	54.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.240%			
50) Toluene-d8	8.653	98	270207	43.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.040%			
62) 4-Bromofluorobenzene	11.079	95	81212	38.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.220%#			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	721	0.220	ug/l	83
6) Chloroethane	1.691	64	210	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	6799	Below Cal	#	73
13) Acrolein	2.191	56	42	Below Cal	#	1
16) Acetone	2.392	43	324	Below Cal	#	45
18) Methyl Acetate	2.776	43	1251	0.431	ug/l #	52
20) Methylene Chloride	2.788	84	1125	Below Cal	#	77
25) 2-Butanone	4.587	43	393	0.262	ug/l #	49
31) Cyclohexane	5.483	56	847	0.294	ug/l #	81
36) 1,1-Dichloropropene	5.550	75	7436	3.002	ug/l #	51
38) Carbon Tetrachloride	5.556	117	9788	3.565	ug/l #	17
39) Methylcyclohexane	7.379	83	1879	0.616	ug/l	89
40) Benzene	6.050	78	1830	0.248	ug/l	96
67) Ethyl Benzene	10.195	91	6918	0.923	ug/l	99
68) m/p-Xylenes	10.305	106	7537	2.503	ug/l	97
69) o-Xylene	10.640	106	868	0.302	ug/l	80
75) 1,1,2,2-Tetrachloroethane	11.110	83	67	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	45781	24.857	ug/l #	37
78) n-propylbenzene	11.305	91	5221	0.736	ug/l	97
79) 2-Chlorotoluene	11.384	91	2480	0.588	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	5302	1.014	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	45781	80.036	ug/l #	11
83) tert-Butylbenzene	11.756	119	1975	0.390	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.756	105	14946	2.902	ug/l	99
89) n-Butylbenzene	12.335	91	2882	0.625	ug/l #	45
90) Hexachloroethane	12.530	117	317	0.341	ug/l #	15
95) Naphthalene	13.780	128	8963	1.515	ug/l #	95

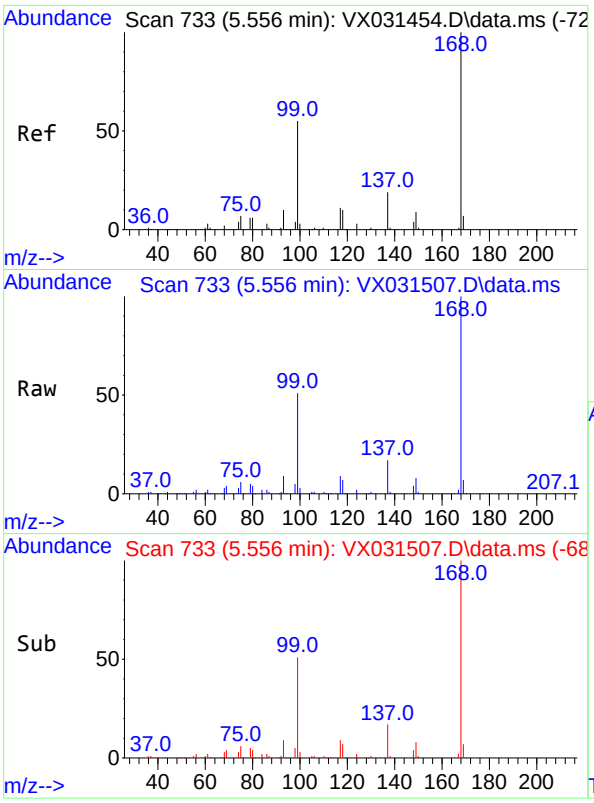
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
Data File : VX031507.D
Acq On : 20 Sep 2022 19:40
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Sep 21 04:55:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



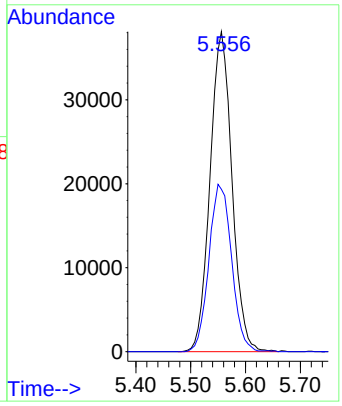


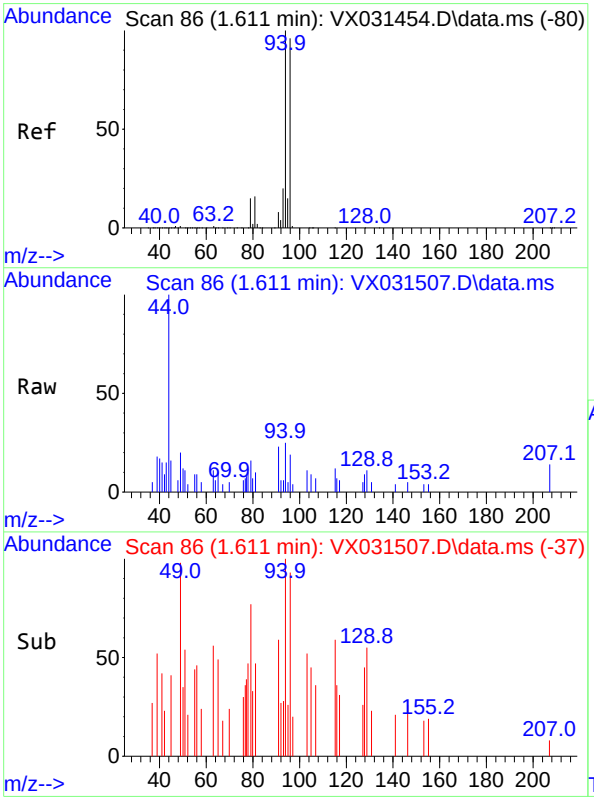
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 105871

Ion	Ratio	Lower	Upper
168	100		
99	50.8	48.8	73.2

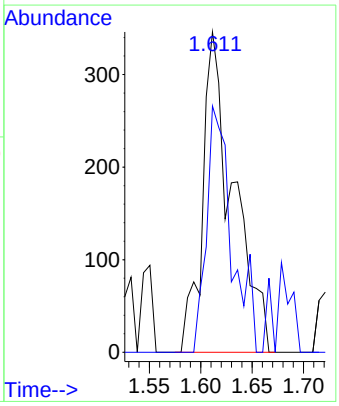


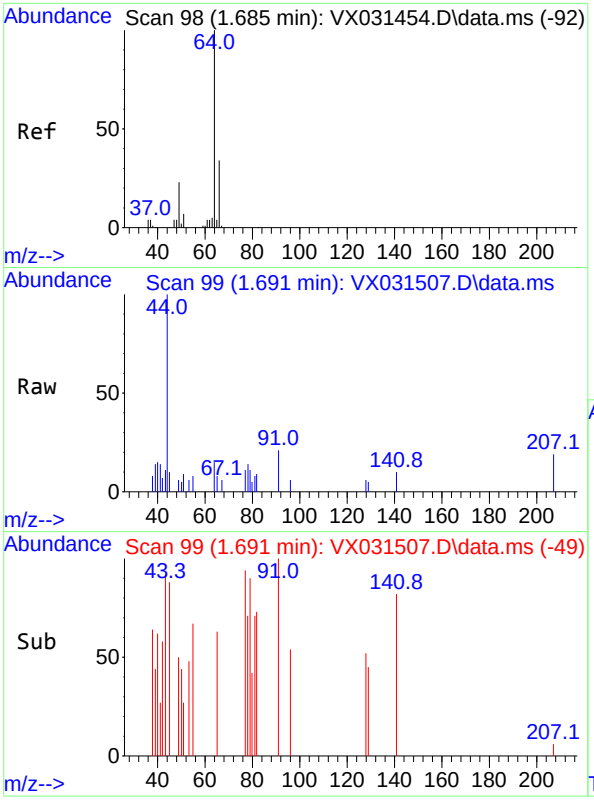


#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 94 Resp: 721

Ion	Ratio	Lower	Upper
94	100		
96	76.9	74.4	111.6



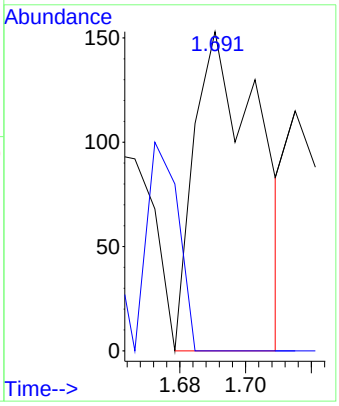


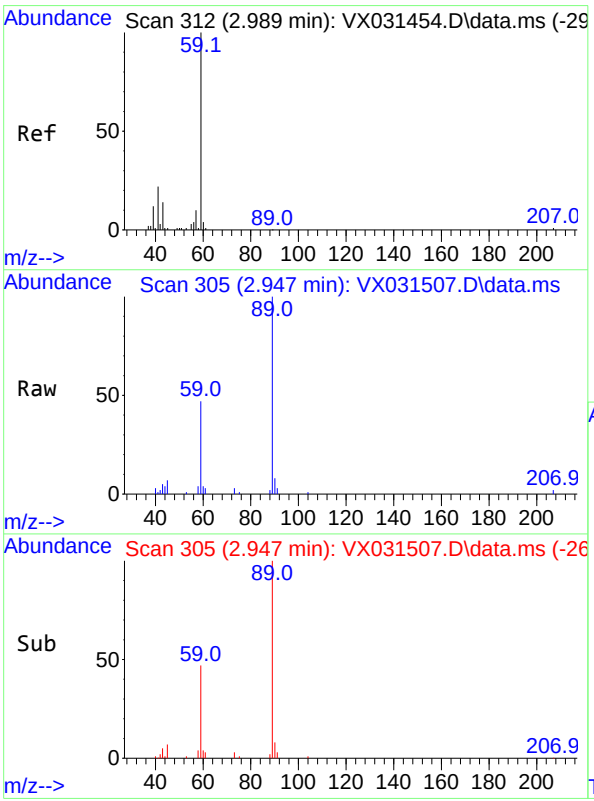
#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 64 Resp: 210

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#

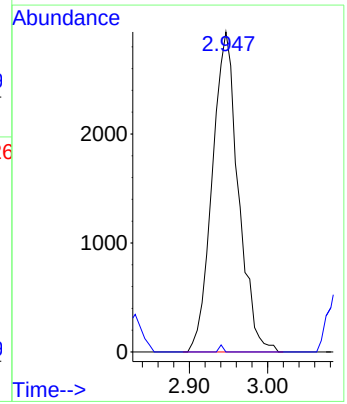


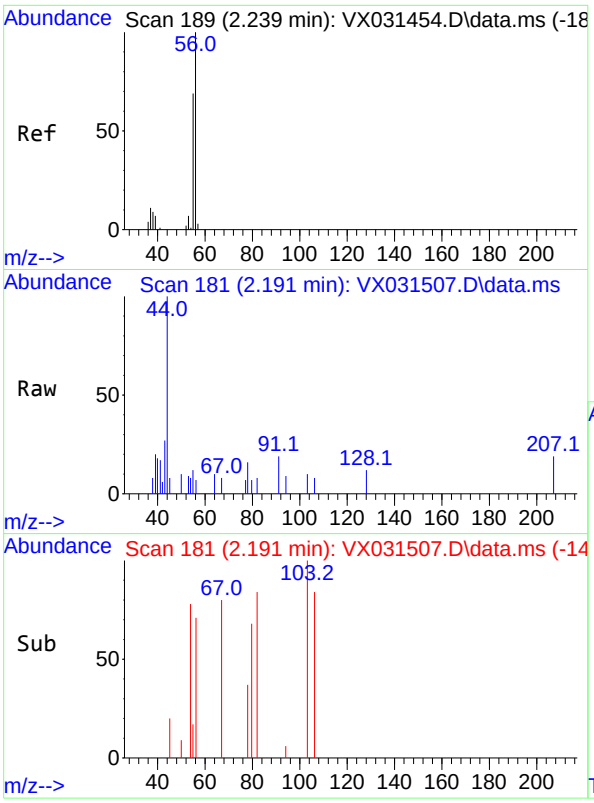


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 59 Resp: 6799

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



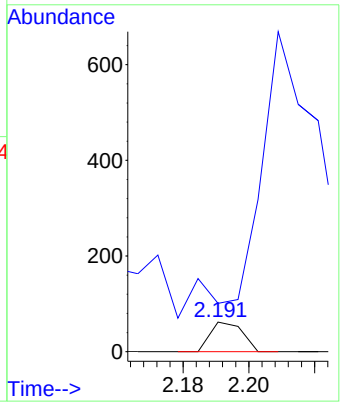


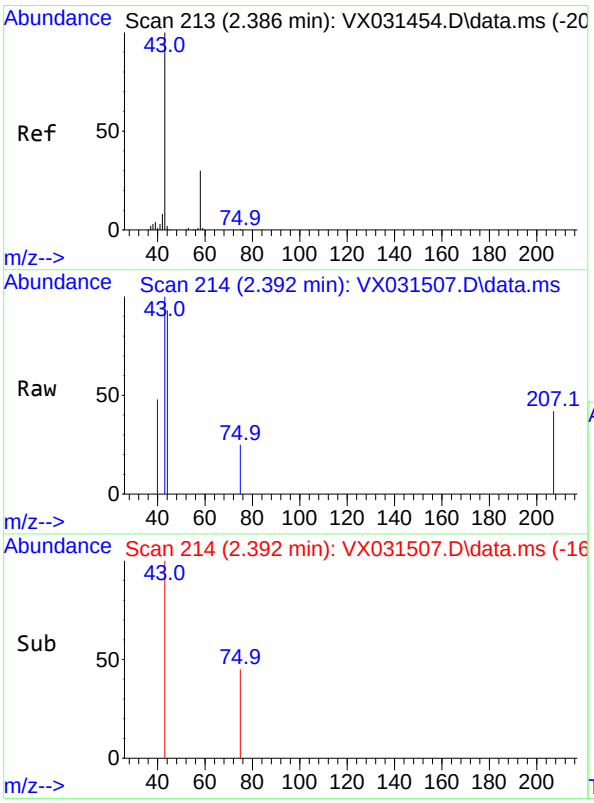
#13
Acrolein
Concen: Below Cal
RT: 2.191 min Scan# 1
Delta R.T. -0.048 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 42

Ion	Ratio	Lower	Upper
56	100		
55	1042.9	56.0	84.0#

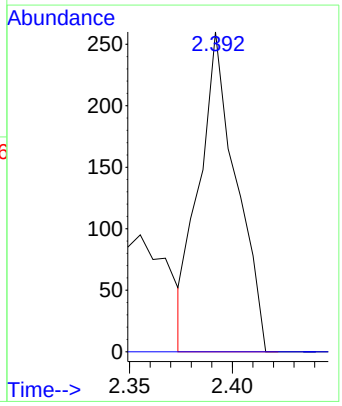


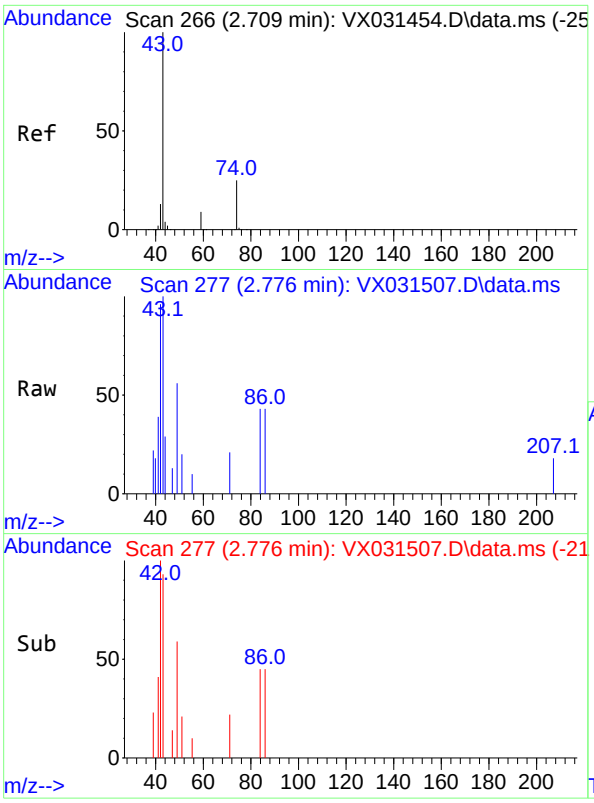


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 43 Resp: 324

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.8#



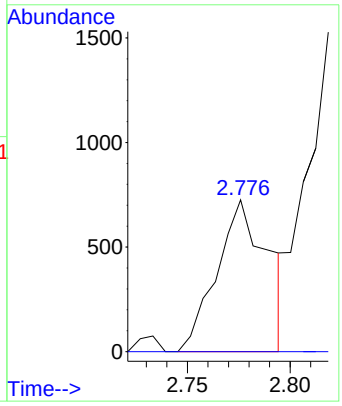


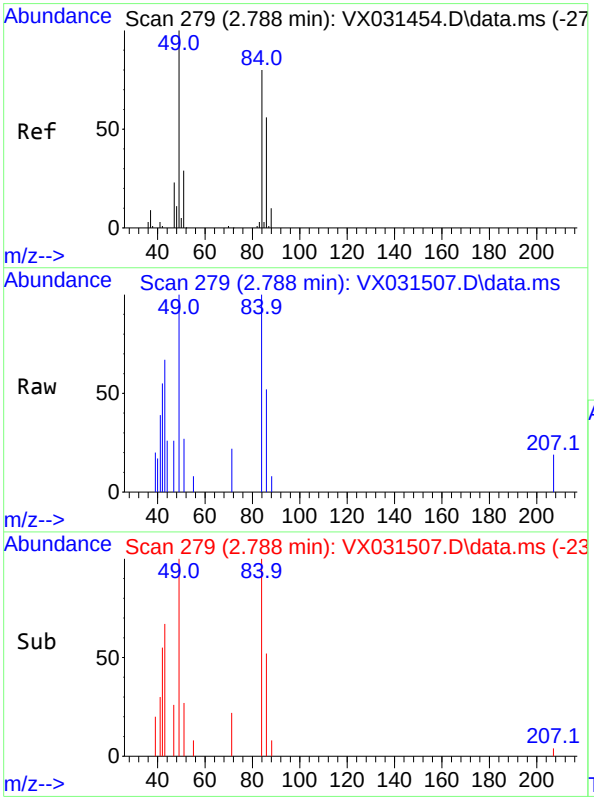
#18
Methyl Acetate
Concen: 0.431 ug/l
RT: 2.776 min Scan# 2
Delta R.T. 0.067 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1251

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

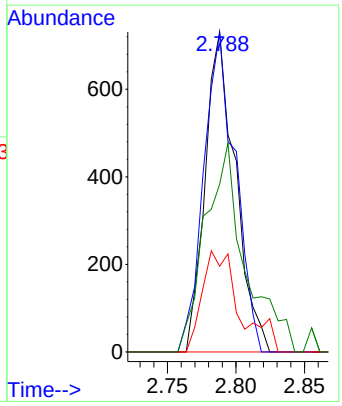


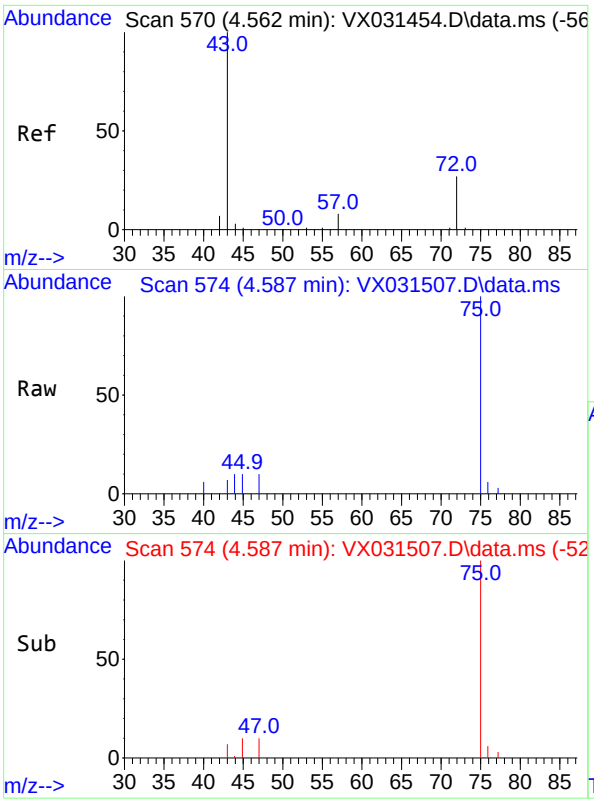


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 84 Resp: 1125

Ion	Ratio	Lower	Upper
84	100		
49	99.7	105.9	158.9#
51	26.8	32.2	48.2#
86	52.4	50.8	76.2



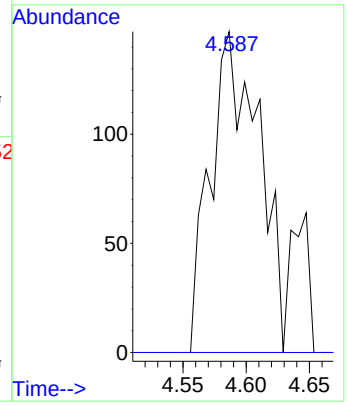


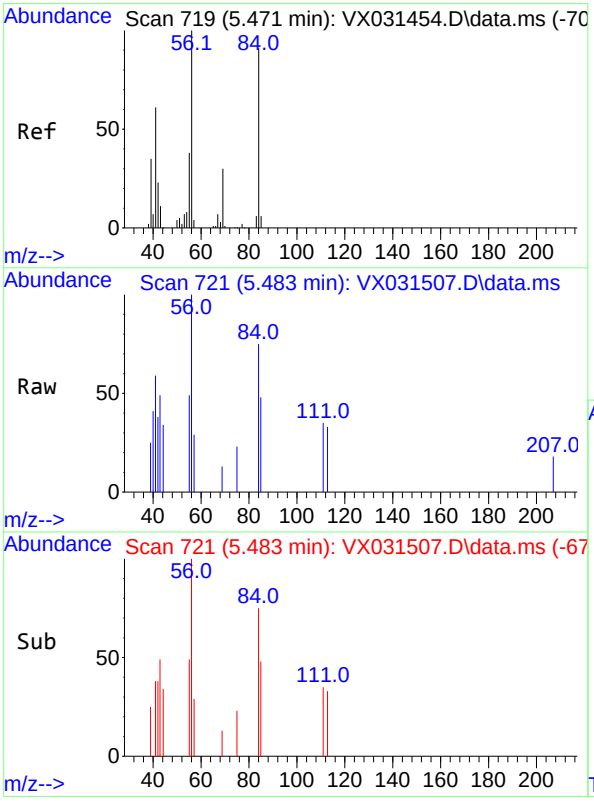
#25
2-Butanone
Concen: 0.262 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.025 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 393

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#

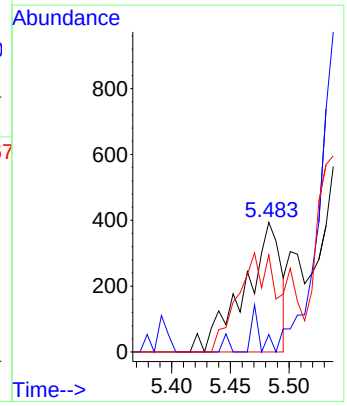


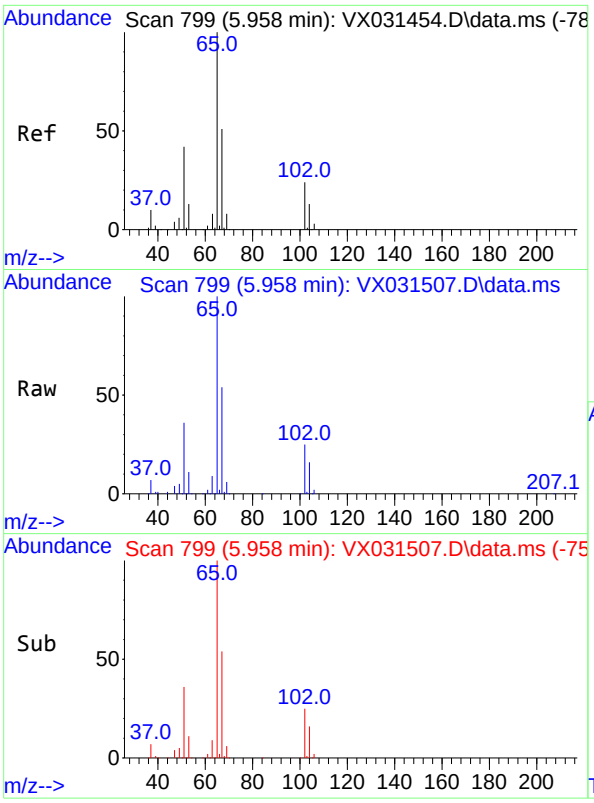


#31
Cyclohexane
Concen: 0.294 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 56 Resp: 847

Ion	Ratio	Lower	Upper
56	100		
69	13.5	25.1	37.7#
84	74.9	70.2	105.4



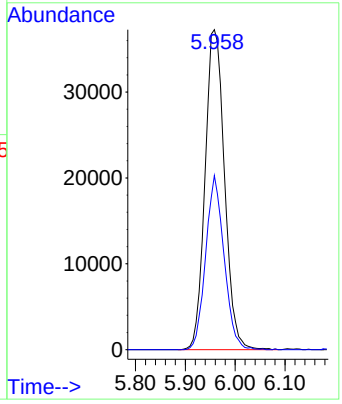


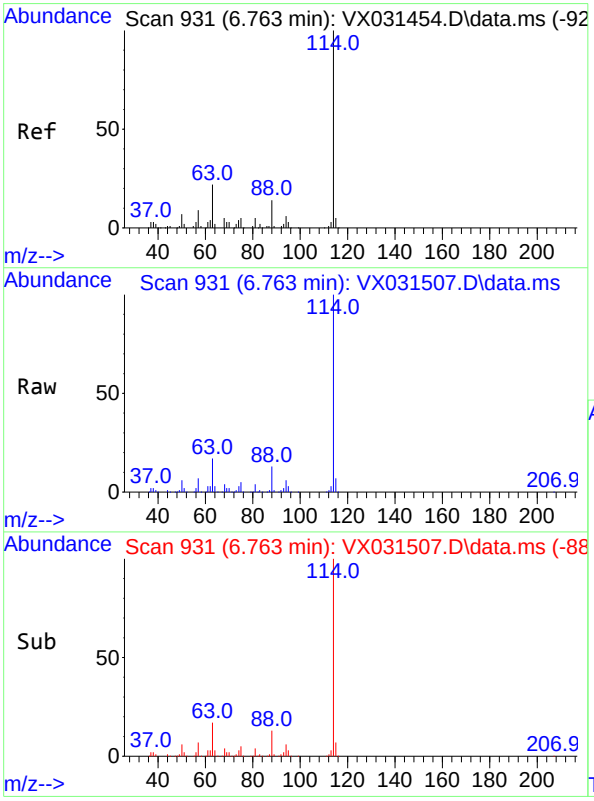
#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 101104

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.4

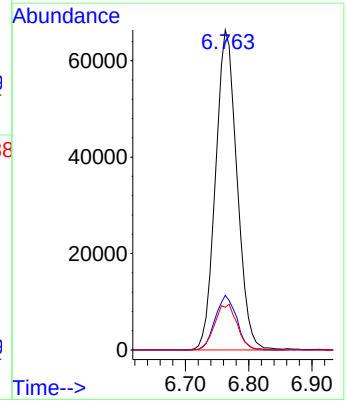


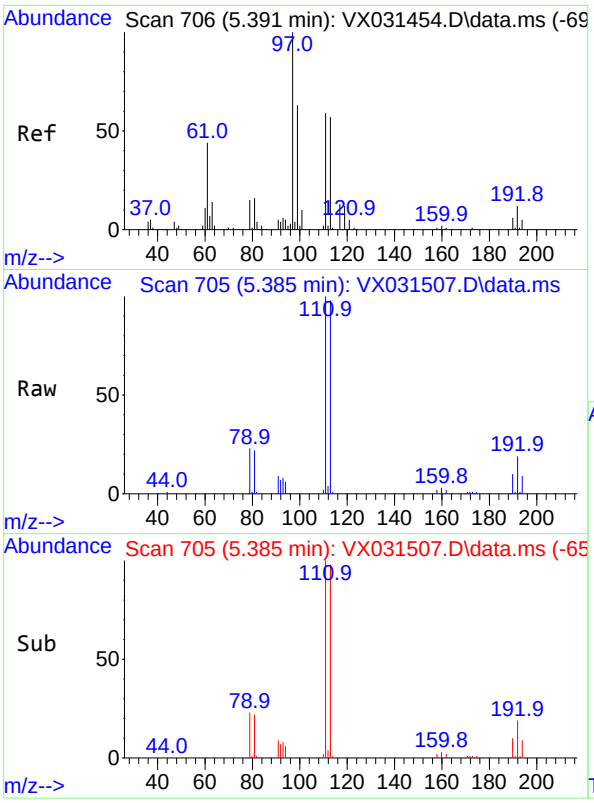


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:114 Resp: 155844

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	42.6
88	13.4	0.0	33.0



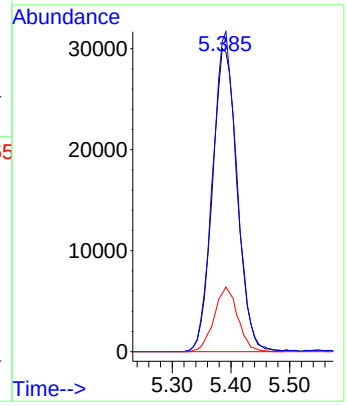


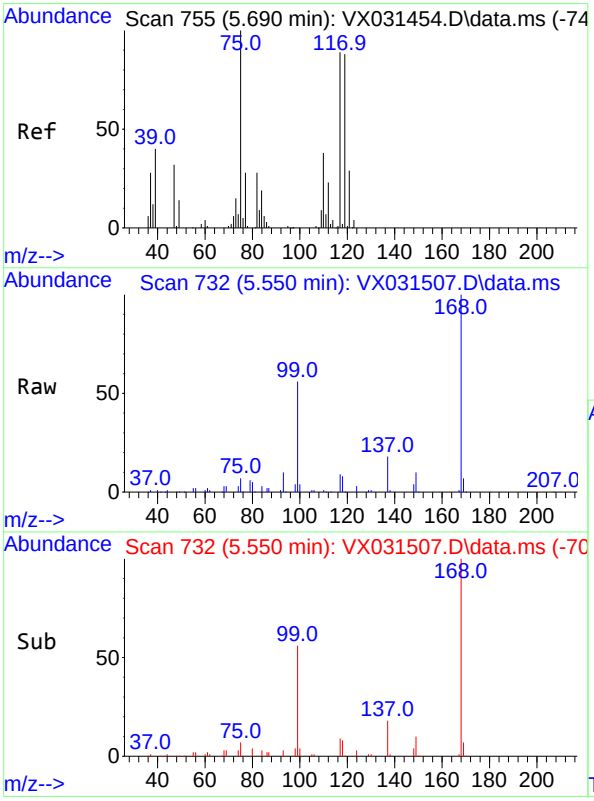
#35
Dibromofluoromethane
Concen: 54.621 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 87876

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	20.3	14.1	21.1

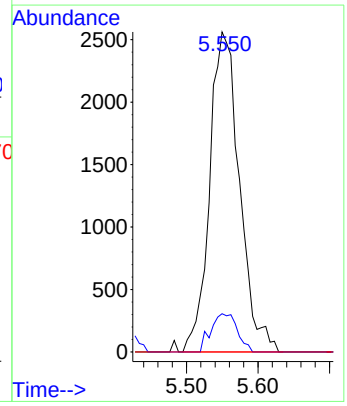


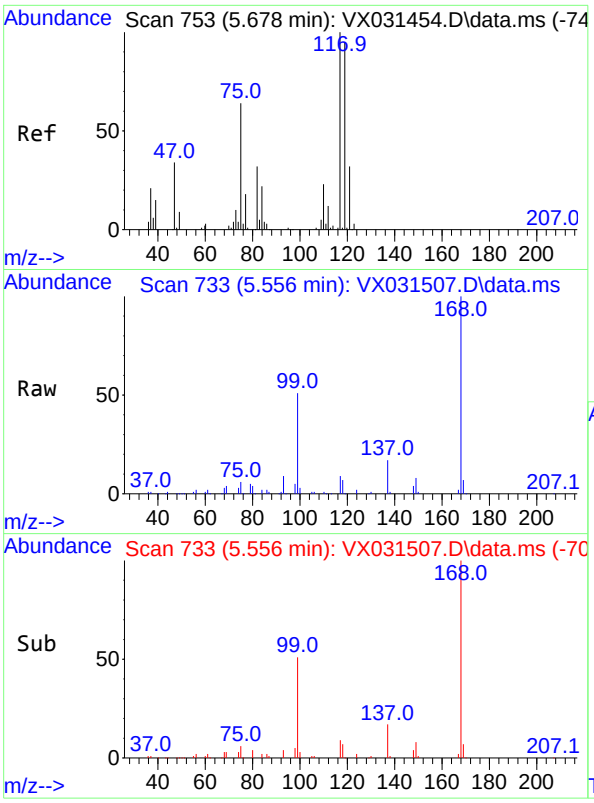


#36
1,1-Dichloropropene
Concen: 3.002 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 75 Resp: 7436

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.5	52.5#
77	0.0	24.9	37.3#



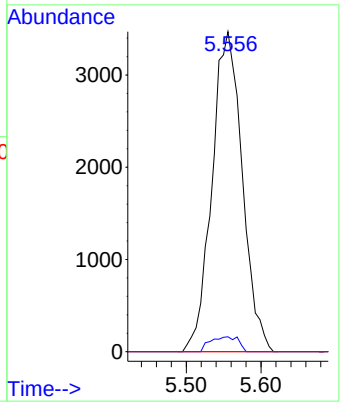


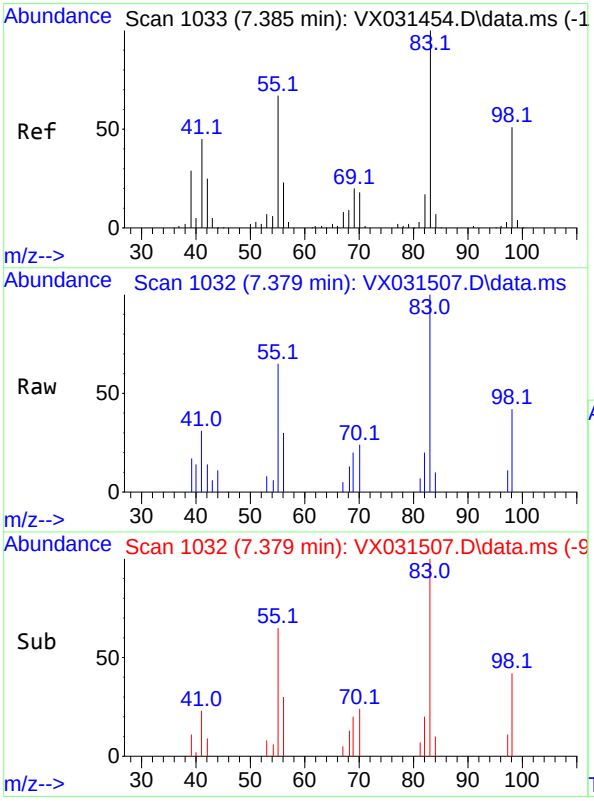
#38
Carbon Tetrachloride
Concen: 3.565 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 9788

Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.6	112.0#
121	0.0	25.3	37.9#

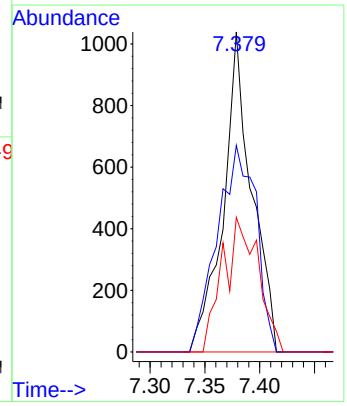


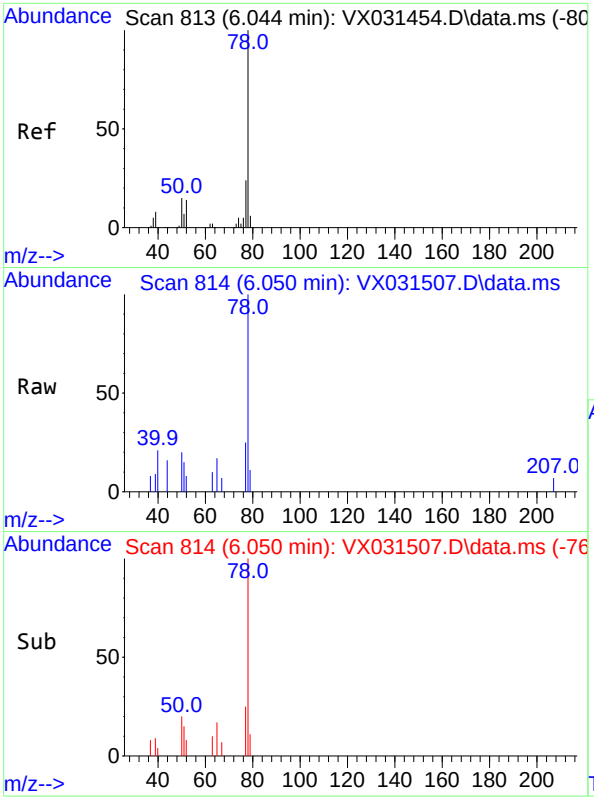


#39
Methylcyclohexane
Concen: 0.616 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 83 Resp: 1879

Ion	Ratio	Lower	Upper
83	100		
55	64.6	61.0	91.4
98	42.1	37.7	56.5



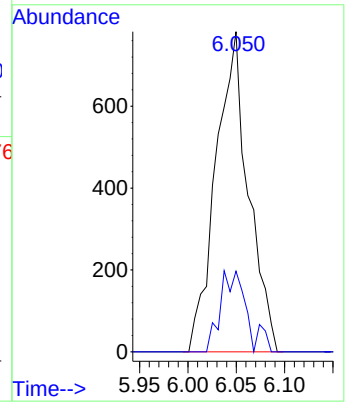


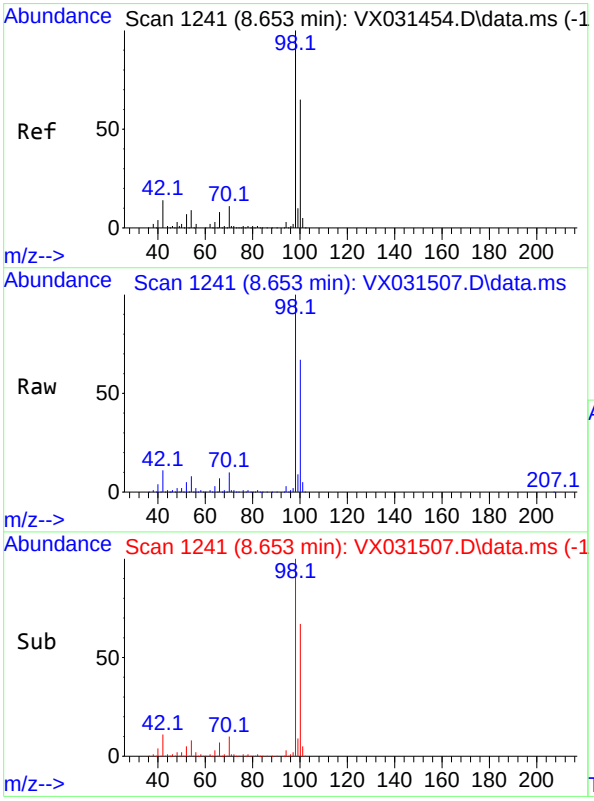
#40
Benzene
Concen: 0.248 ug/l
RT: 6.050 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 78 Resp: 1830

Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.7	28.1

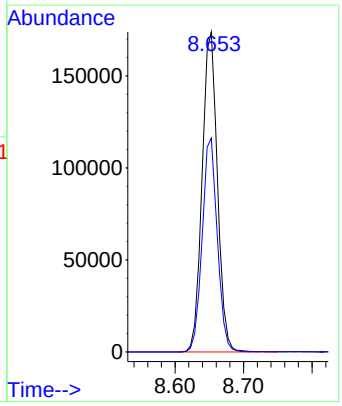


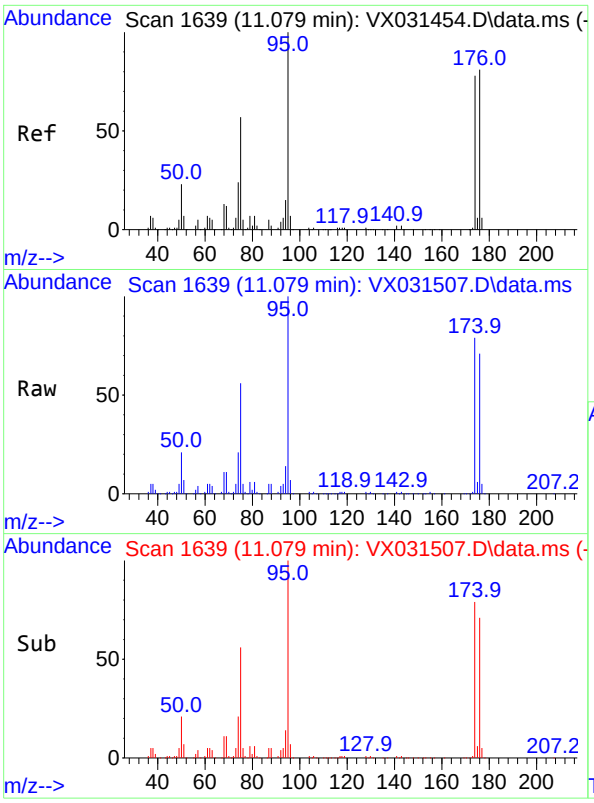


#50
Toluene-d8
Concen: 43.519 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 98 Resp: 270207

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.5	78.7



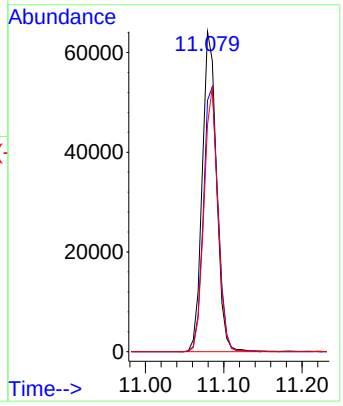


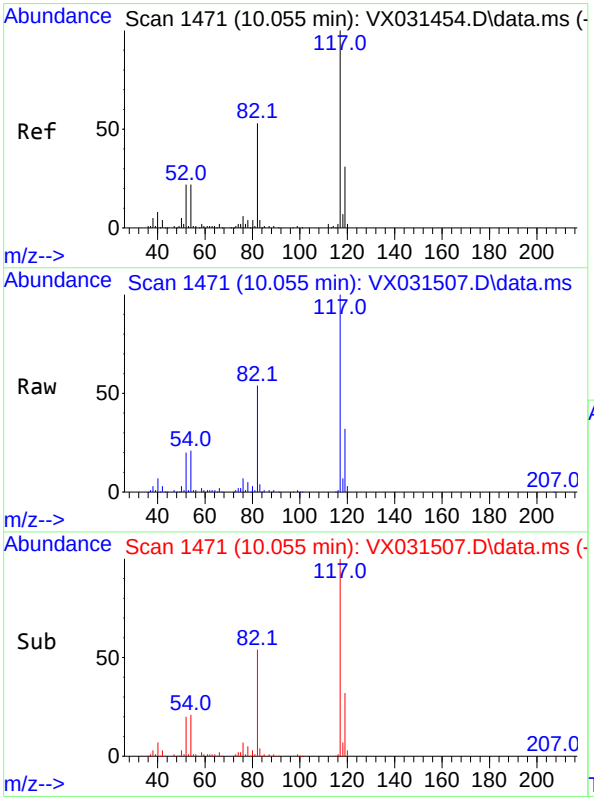
#62
4-Bromofluorobenzene
Concen: 38.614 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 81212

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	153.2
176	80.7	0.0	144.0

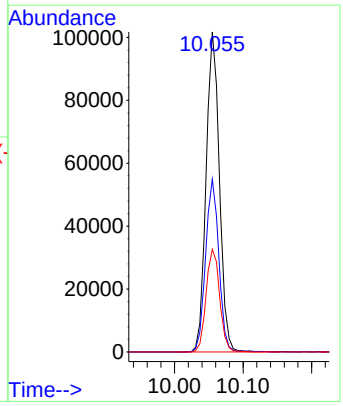


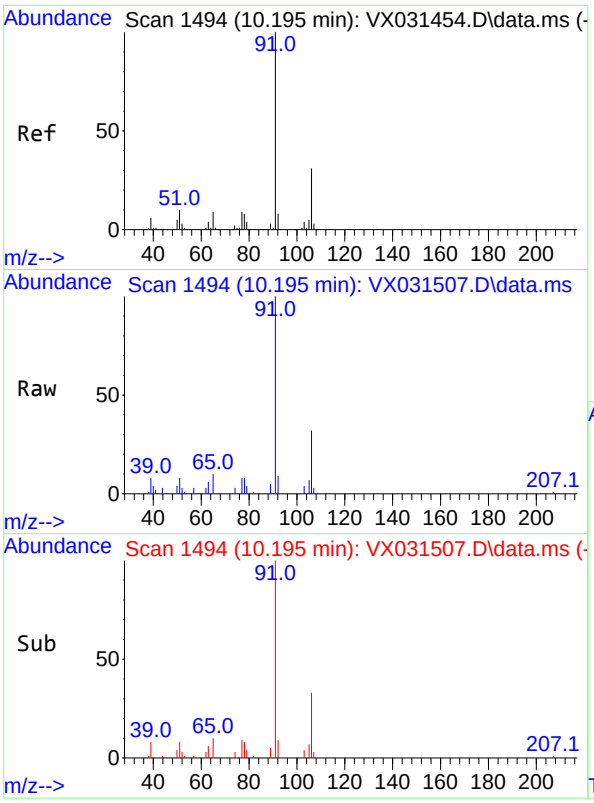


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:117 Resp: 137631

Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.8	70.2
119	32.1	26.4	39.6



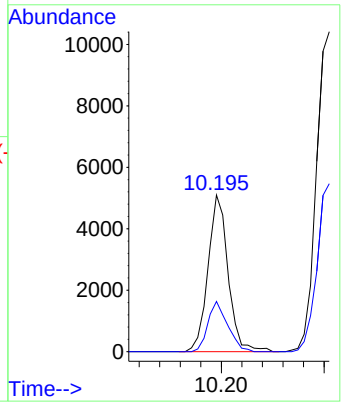


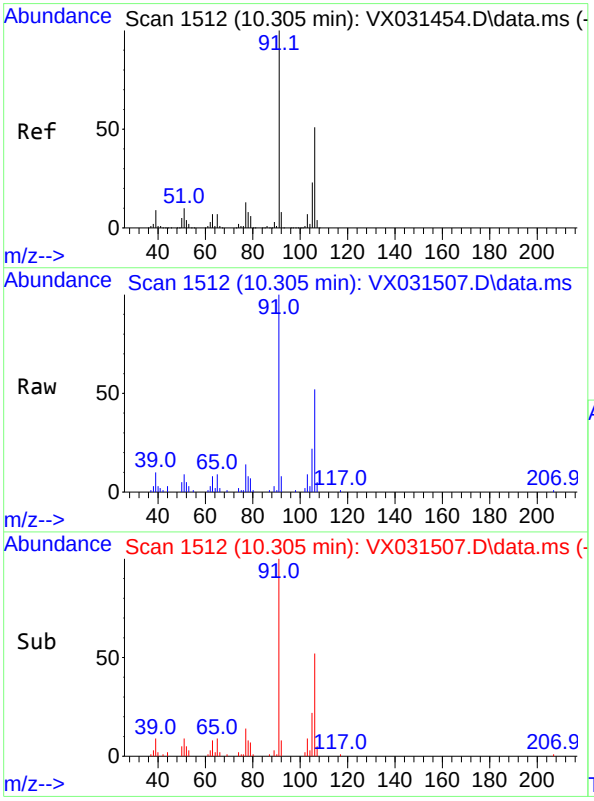
#67
Ethyl Benzene
Concen: 0.923 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 6918

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.2	37.8

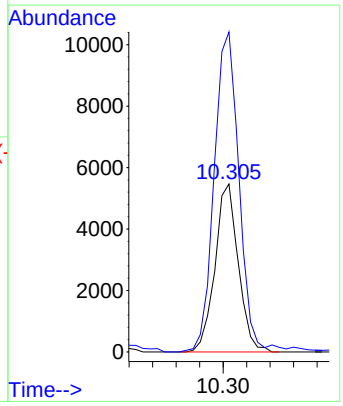


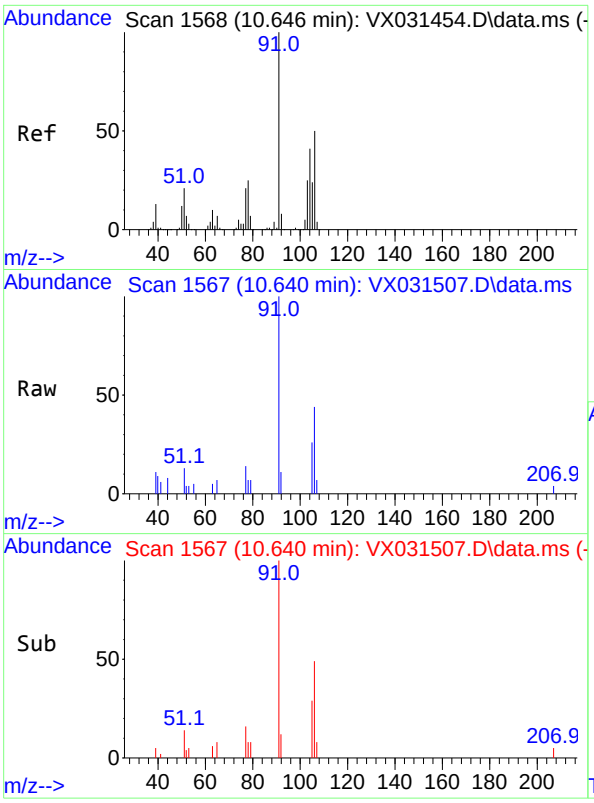


#68
m/p-Xylenes
Concen: 2.503 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:106 Resp: 7537

Ion	Ratio	Lower	Upper
106	100		
91	205.6	161.0	241.4



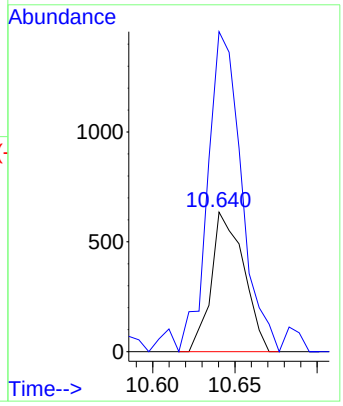


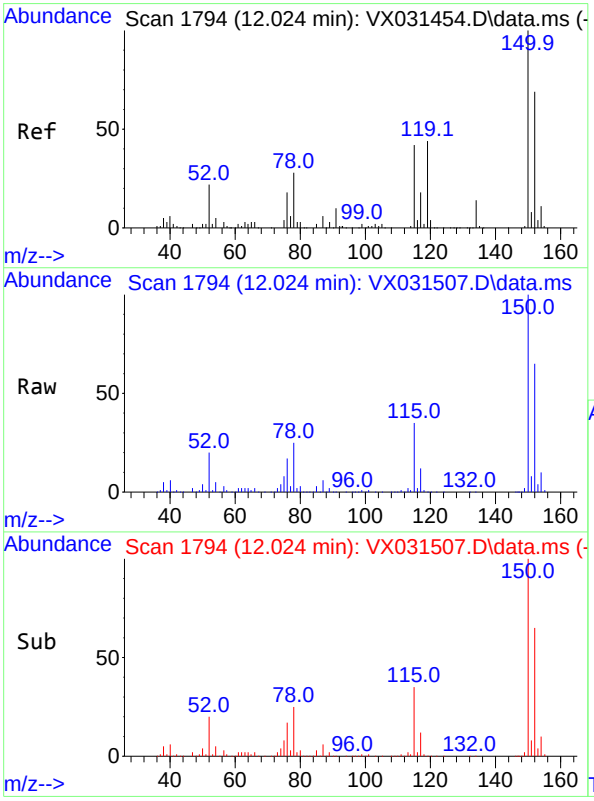
#69
o-Xylene
Concen: 0.302 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 868

Ion	Ratio	Lower	Upper
106	100		
91	245.6	107.2	321.6

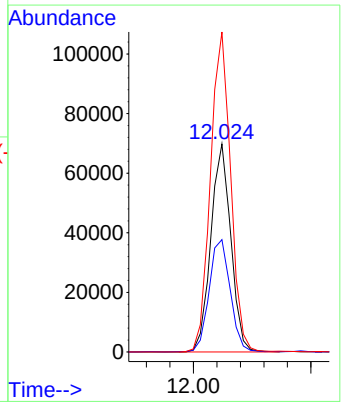


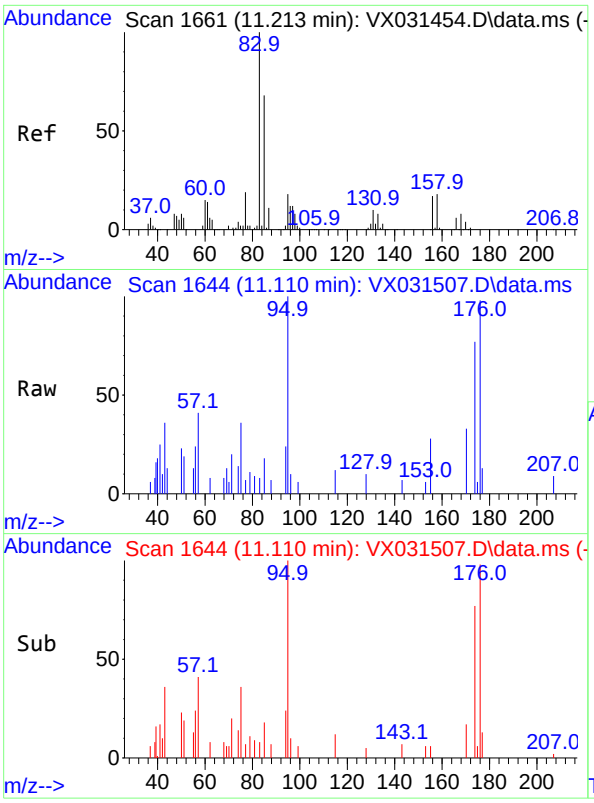


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:152 Resp: 82521

Ion	Ratio	Lower	Upper
152	100		
115	57.3	43.4	130.1
150	155.8	0.0	346.8



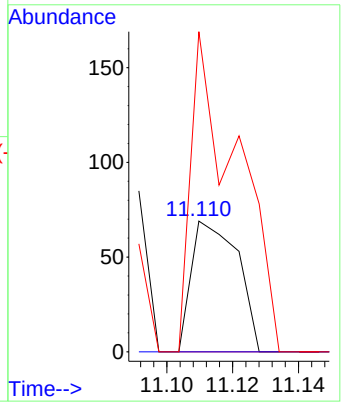


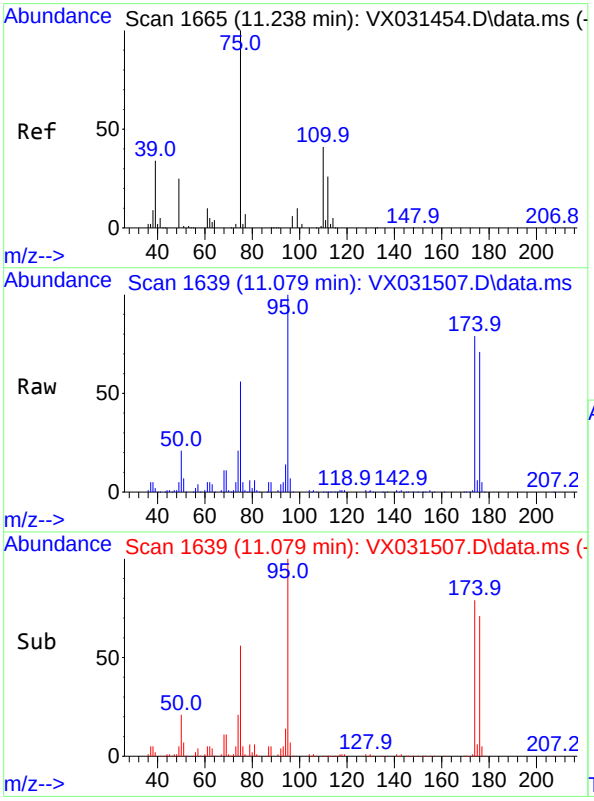
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.110 min Scan# 1
Delta R.T. -0.103 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	244.8	32.6	97.8#

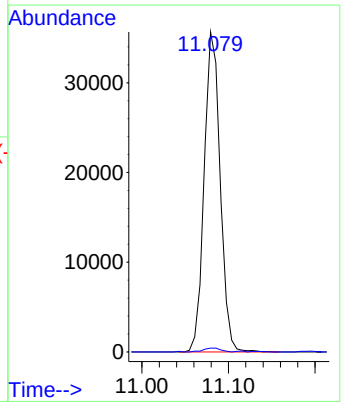


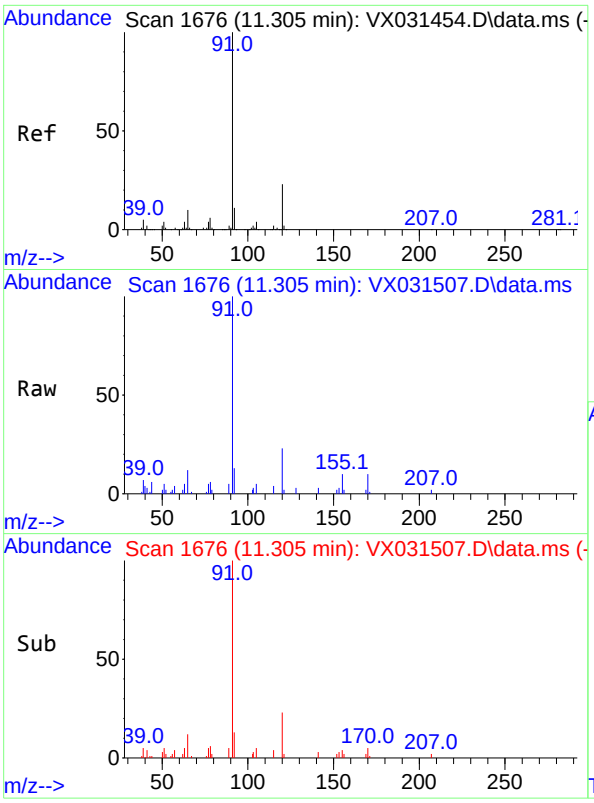


#76
1,2,3-Trichloropropane
Concen: 24.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 75 Resp: 45781

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.3	60.9#



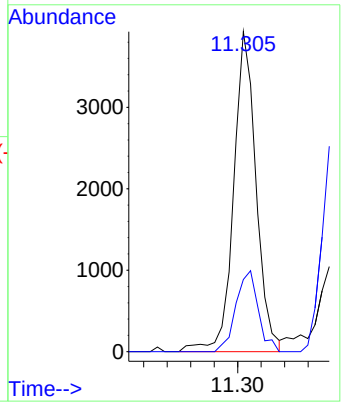


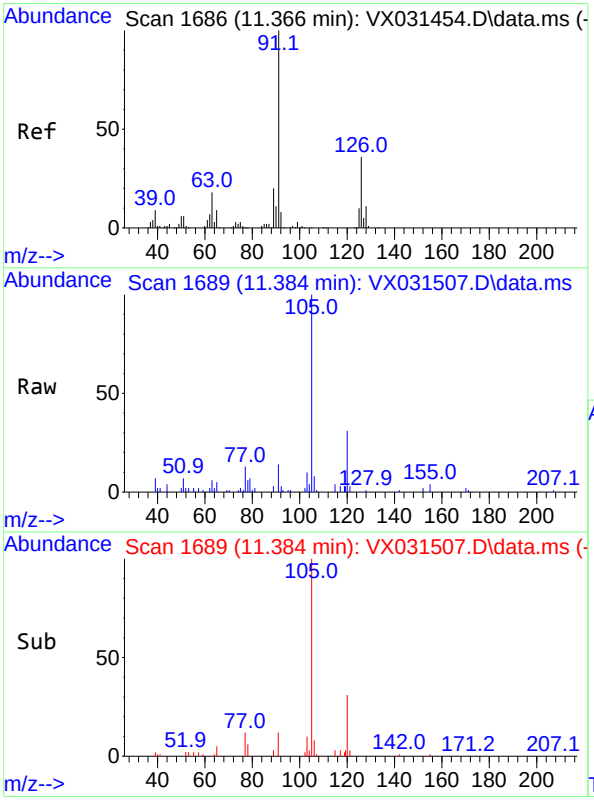
#78
n-propylbenzene
Concen: 0.736 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 5221

Ion	Ratio	Lower	Upper
91	100		
120	25.0	11.8	35.4

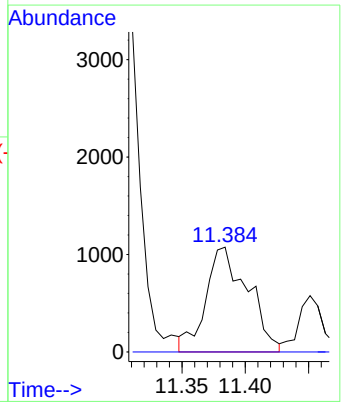


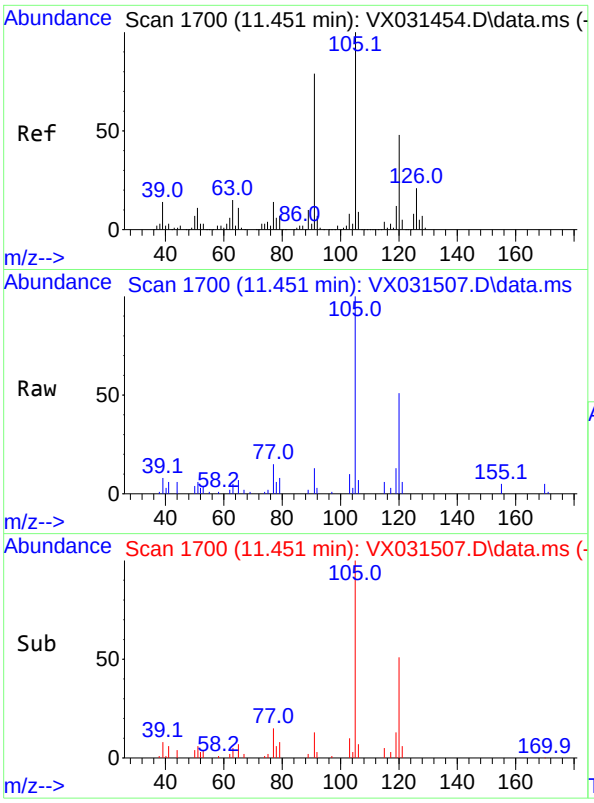


#79
2-Chlorotoluene
Concen: 0.588 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 91 Resp: 2480

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.3#



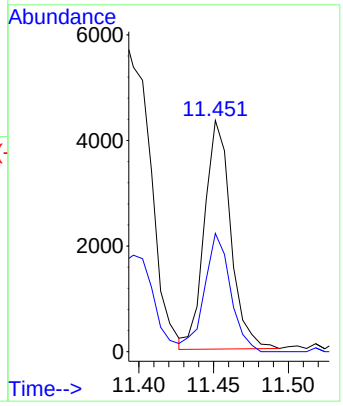


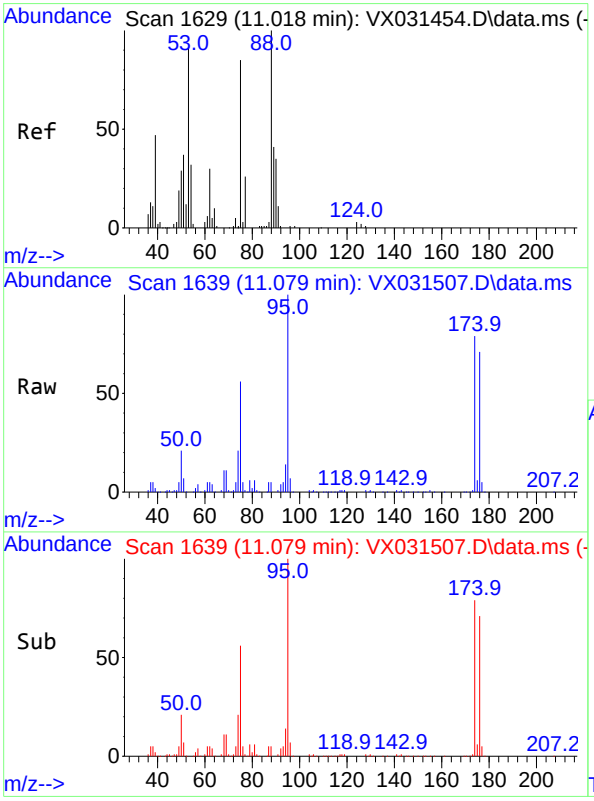
#80
1,3,5-Trimethylbenzene
Concen: 1.014 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 5302

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.5	73.5

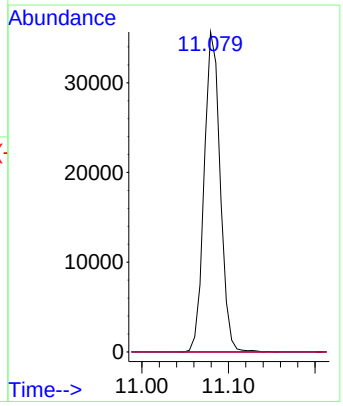


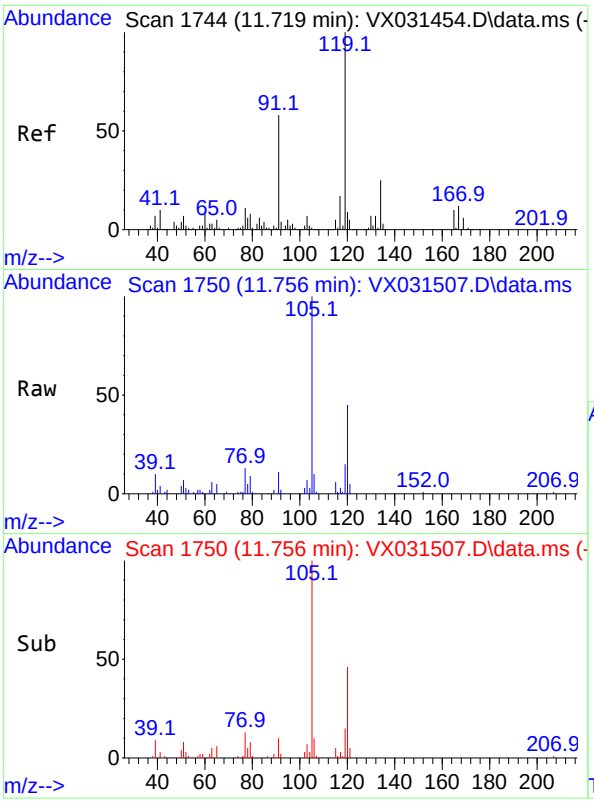


#81
trans-1,4-Dichloro-2-butene
Concen: 80.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion: 75 Resp: 45781

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.6	116.4#
89	0.0	37.4	56.0#



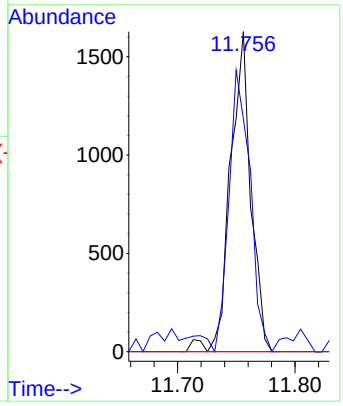


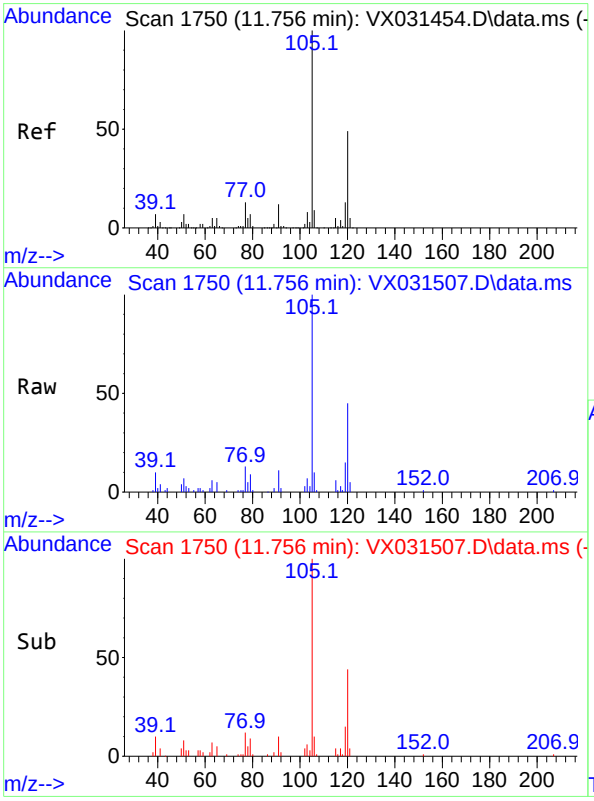
#83
tert-Butylbenzene
Concen: 0.390 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.037 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:119 Resp: 1975

Ion	Ratio	Lower	Upper
119	100		
91	90.7	29.2	87.6#
134	0.0	11.6	34.8#

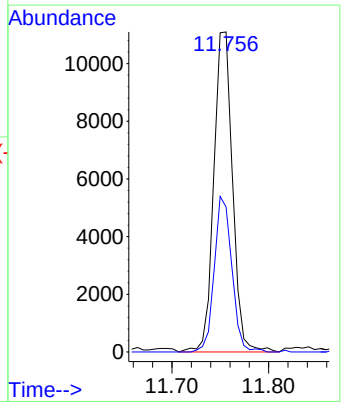


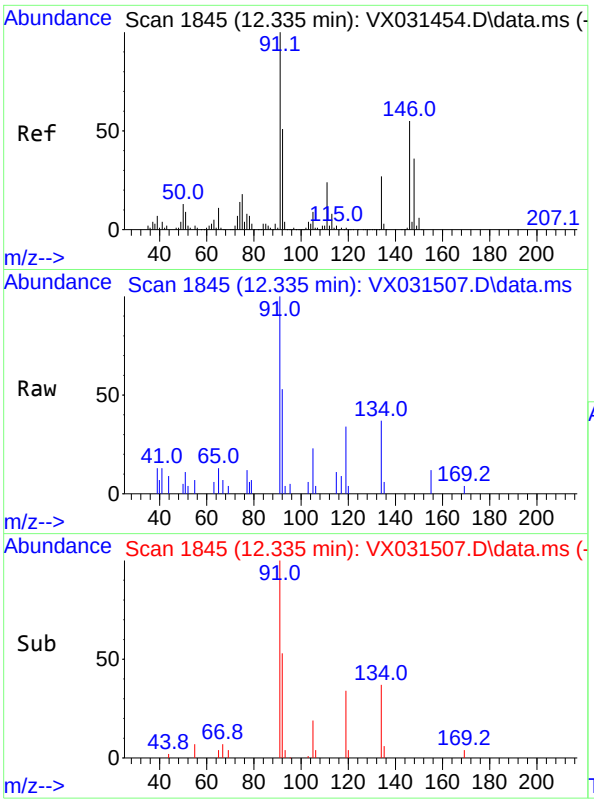


#84
1,2,4-Trimethylbenzene
Concen: 2.902 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:105 Resp: 14946

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8



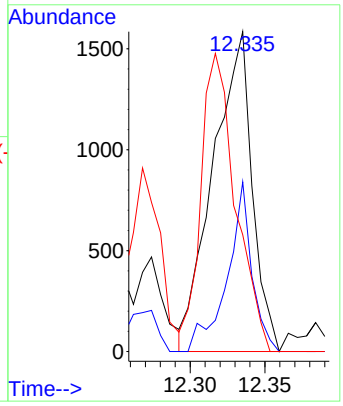


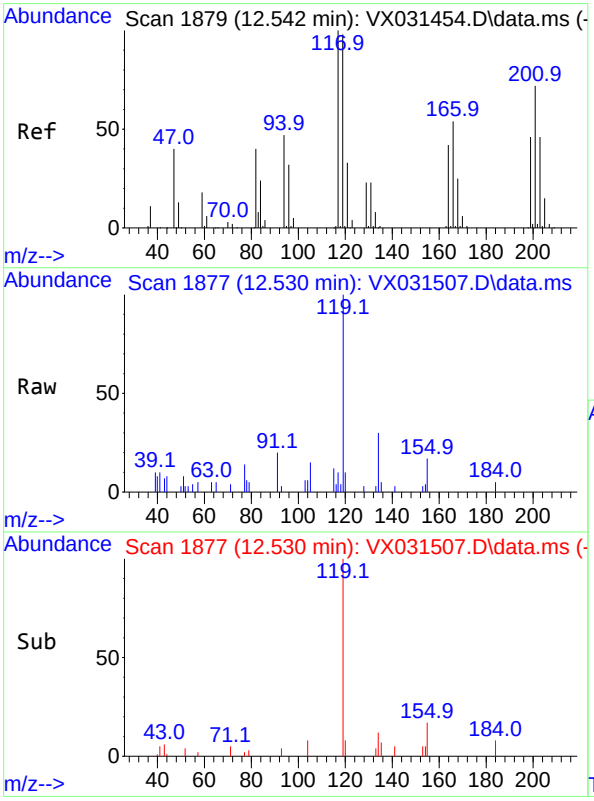
#89
n-Butylbenzene
Concen: 0.625 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 2882

Ion	Ratio	Lower	Upper
91	100		
92	33.5	27.0	81.0
134	82.7	13.3	39.9#

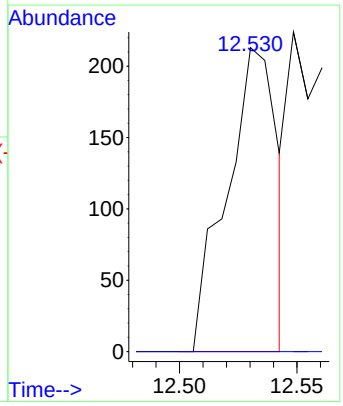


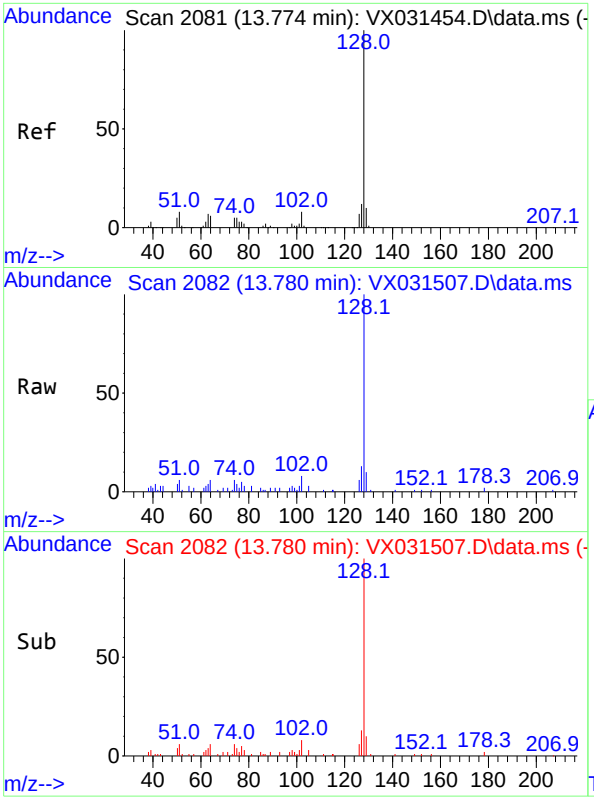


#90
Hexachloroethane
Concen: 0.341 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Tgt Ion:117 Resp: 317

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.8	104.4#





#95
Naphthalene
Concen: 1.515 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031507.D
Acq: 20 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 8963

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	14.0	8.8	13.2#