Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031542.D
Acq On : 22 Sep 2022 01:35
Operator : JC/MD
Sample : N4614-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Sep 22 04:24:13 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	86885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88916	55.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.640%			
35) Dibromofluoromethane	5.391	113	74213	50.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.653	98	280270	49.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	86978	45.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.320%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	713	0.265	ug/l #	78
6) Chloroethane	1.679	64	143	Below Cal	#	43
10) Methyl Iodide	2.453	142	346	0.256	ug/l #	81
11) Tert butyl alcohol	2.947	59	15260	15.221	ug/l #	75
13) Acrolein	2.117	56	21	Below Cal	#	29
15) Acrylonitrile	2.947	53	220	0.262	ug/l #	17
16) Acetone	2.398	43	4317	Below Cal		89
18) Methyl Acetate	2.605	43	516	0.217	ug/l #	52
20) Methylene Chloride	2.782	84	314	Below Cal	#	66
26) 2,2-Dichloropropane	4.587	77	784	0.329	ug/l #	54
31) Cyclohexane	5.562	56	2166	0.916	ug/l #	64
36) 1,1-Dichloropropene	5.550	75	7185	3.203	ug/l #	48
38) Carbon Tetrachloride	5.550	117	8311	3.342	ug/l #	18
67) Ethyl Benzene	10.195	91	10618	1.573	ug/l	99
68) m/p-Xylenes	10.305	106	2561	0.944	ug/l	88
69) o-Xylene	10.646	106	563	0.217	ug/l	87
73) Isopropylbenzene	10.963	105	855	0.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.085	83	81	Below Cal	#	20
76) 1,2,3-Trichloropropane	11.079	75	50008	39.153	ug/l #	37
78) n-propylbenzene	11.305	91	3235	0.658	ug/l	95
79) 2-Chlorotoluene	11.402	91	587	0.201	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	817	0.225	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	50008	126.067	ug/l #	11
83) tert-Butylbenzene	11.750	119	804	0.229	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.750	105	6040	1.691	ug/l	96
95) Naphthalene	13.774	128	10374	2.529	ug/l	99

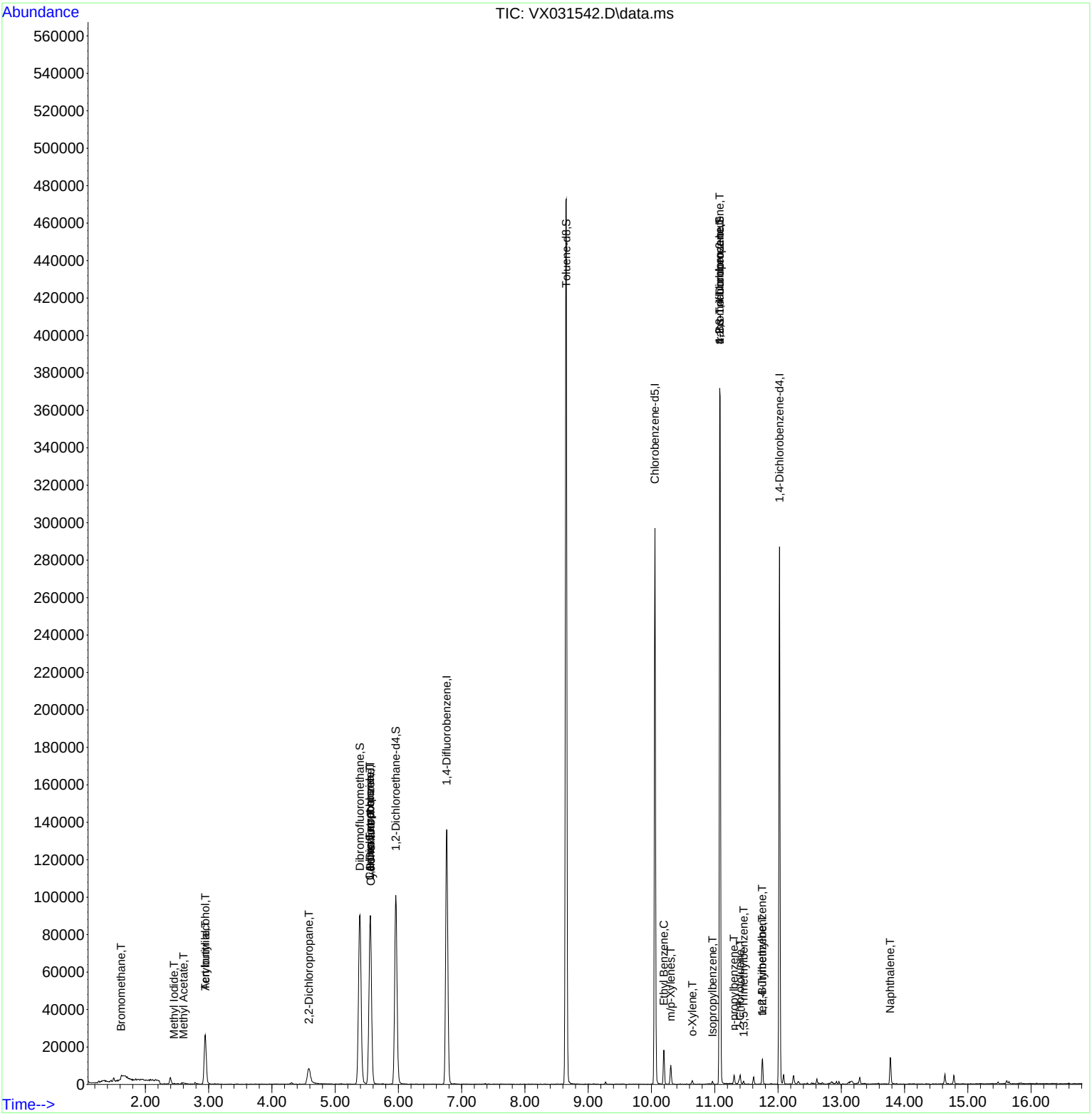
(#) = qualifier out of range (m) = manual integration (+) = signals summed

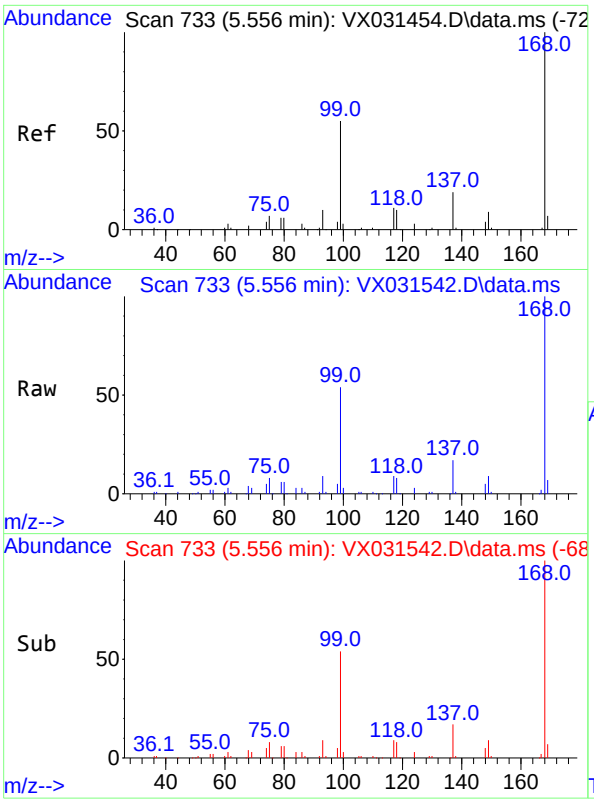
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031542.D
Acq On : 22 Sep 2022 01:35
Operator : JC/MD
Sample : N4614-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Sep 22 04:24:13 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



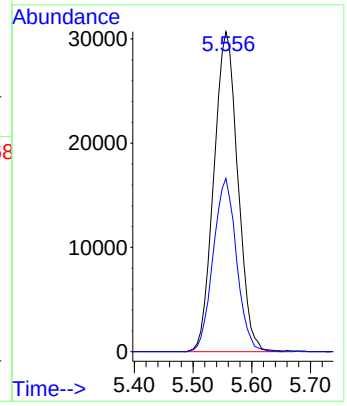


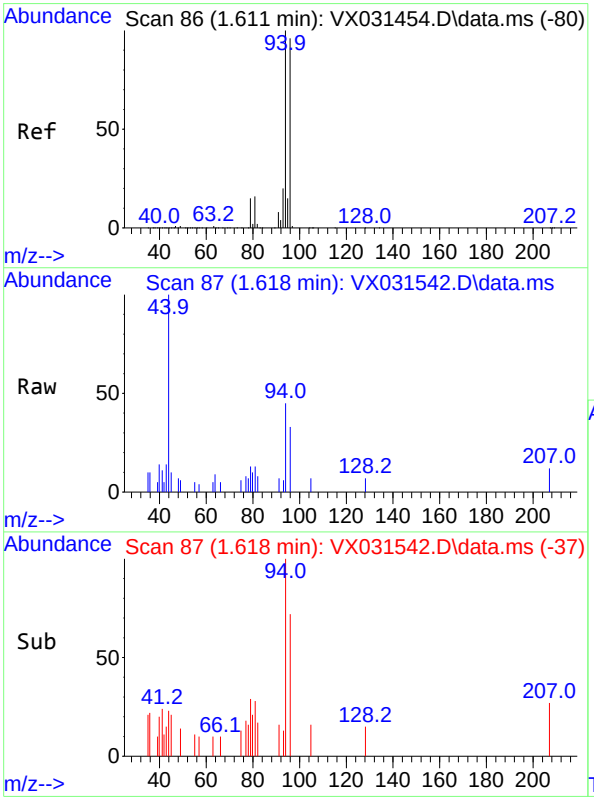
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 86885

Ion	Ratio	Lower	Upper
168	100		
99	54.1	48.8	73.2

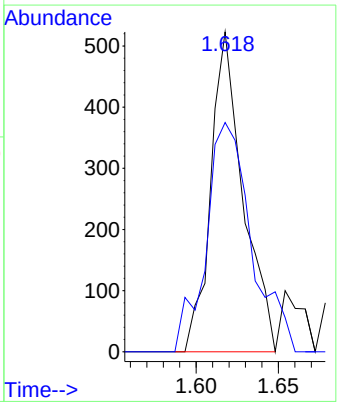


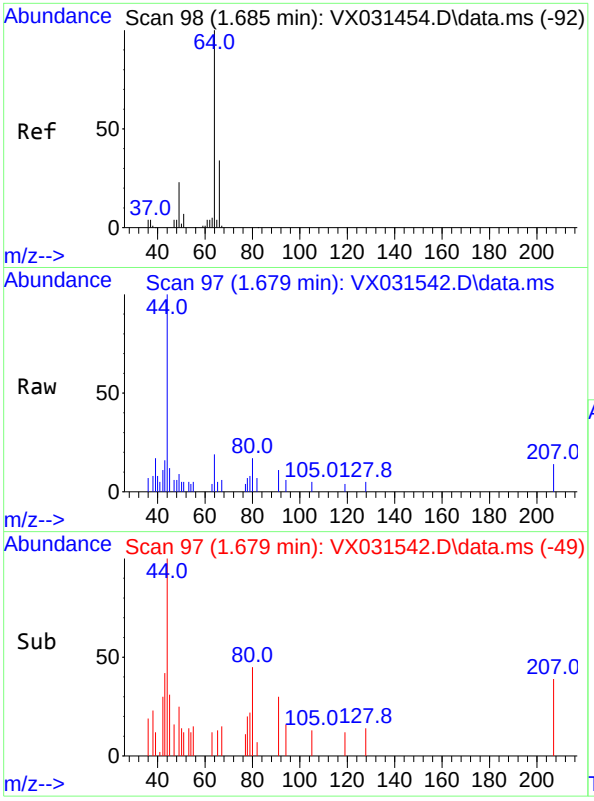


#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 94 Resp: 713

Ion	Ratio	Lower	Upper
94	100		
96	71.7	74.4	111.6#



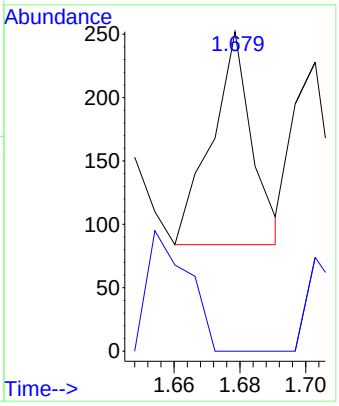


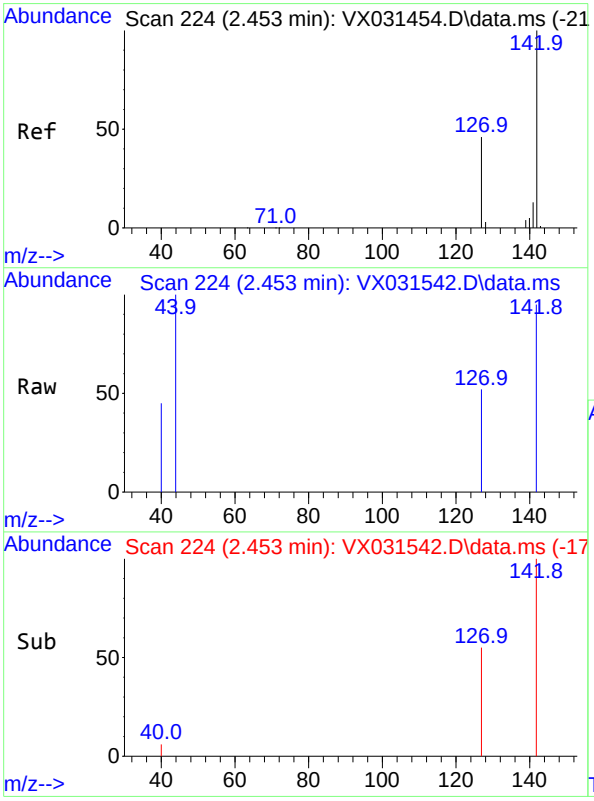
#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 64 Resp: 143

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#

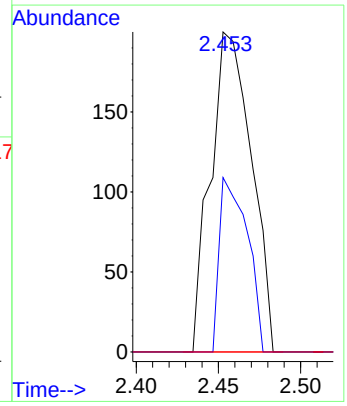


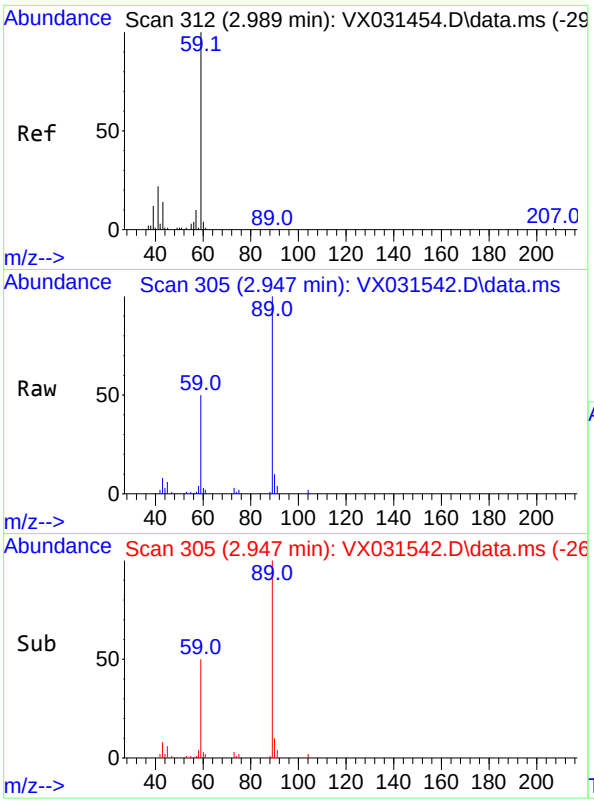


#10
Methyl Iodide
Concen: 0.256 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:142 Resp: 346

Ion	Ratio	Lower	Upper
142	100		
127	37.3	37.4	56.0#
141	0.0	11.6	17.4#



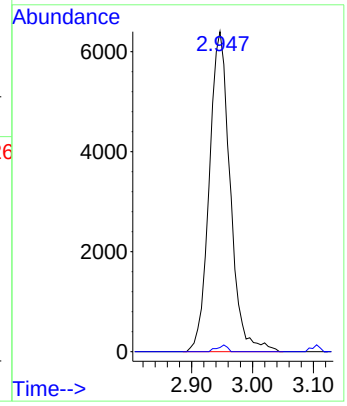


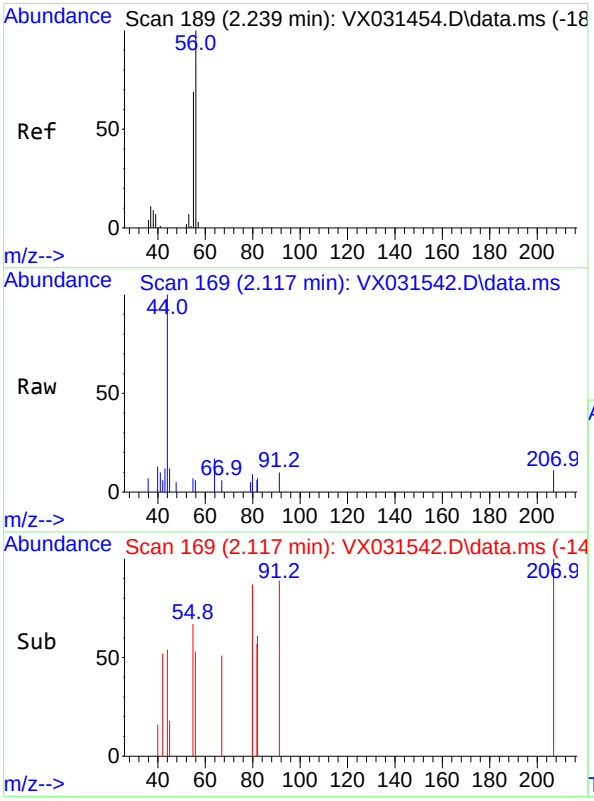
#11
Tert butyl alcohol
Concen: 15.221 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.042 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 59 Resp: 15260

Ion	Ratio	Lower	Upper
59	100		
57	1.0	8.2	12.2#

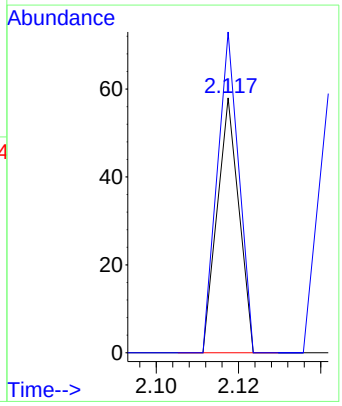


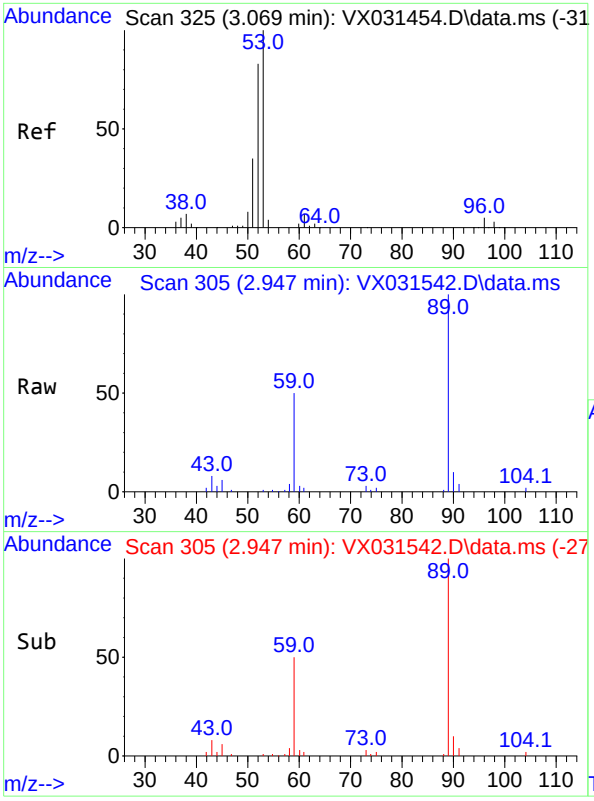


#13
Acrolein
Concen: Below Cal
RT: 2.117 min Scan# 169
Delta R.T. -0.122 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 56 Resp: 21

Ion	Ratio	Lower	Upper
56	100		
55	128.6	56.0	84.0#



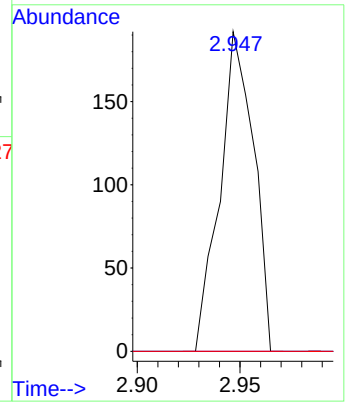


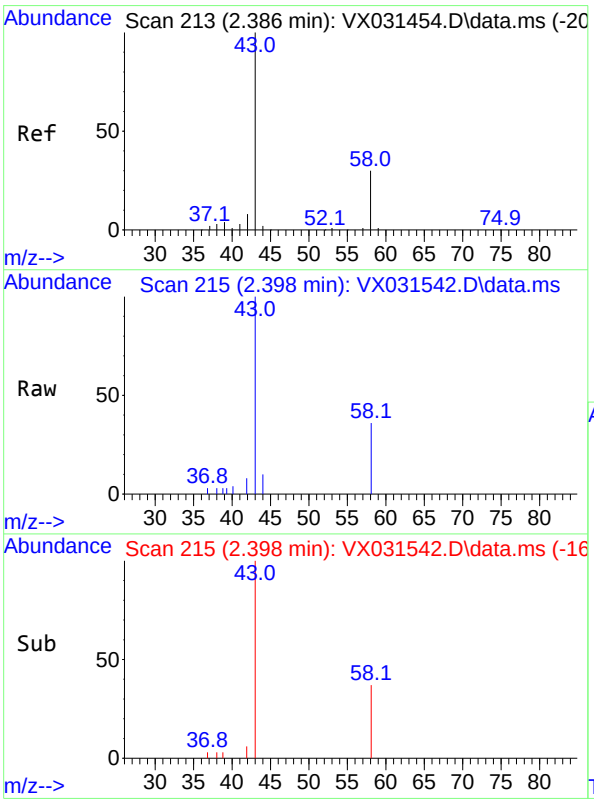
#15
Acrylonitrile
Concen: 0.262 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.122 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 53 Resp: 220

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.9	100.3#
51	0.0	30.0	45.0#

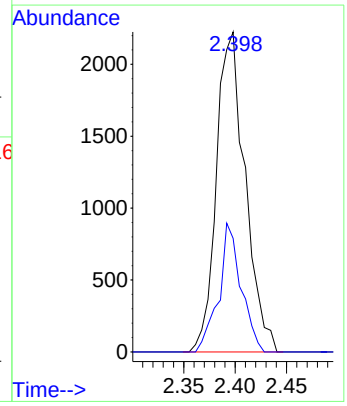


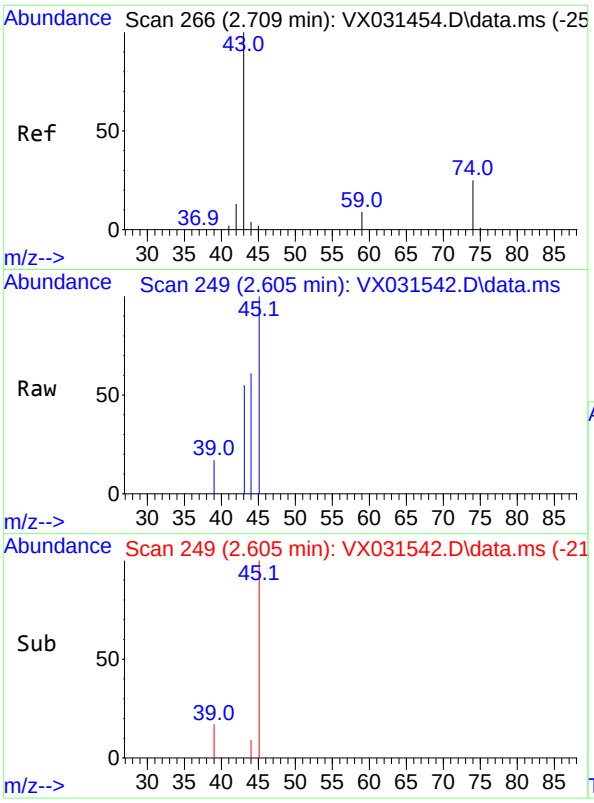


#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 43 Resp: 4317

Ion	Ratio	Lower	Upper
43	100		
58	35.5	23.8	35.8



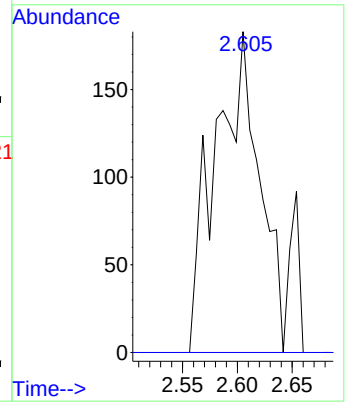


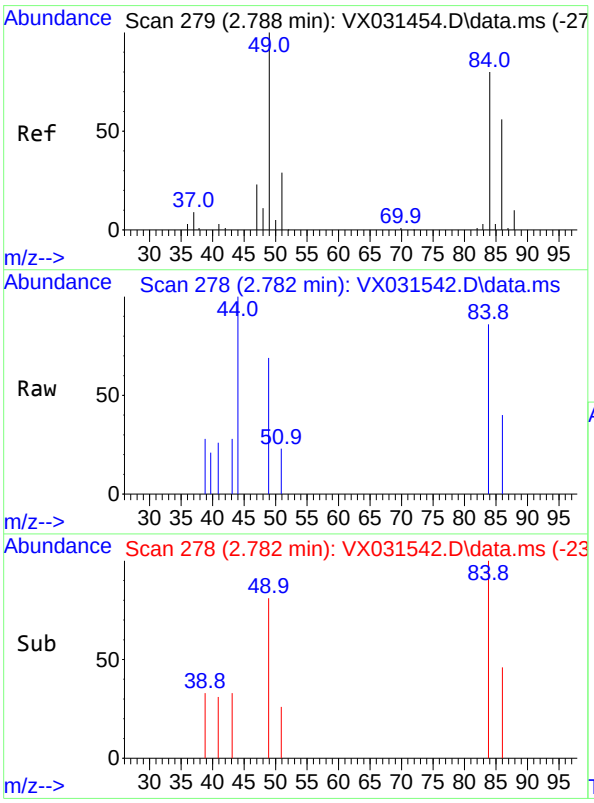
#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.605 min Scan# 24
Delta R.T. -0.104 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 516

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#

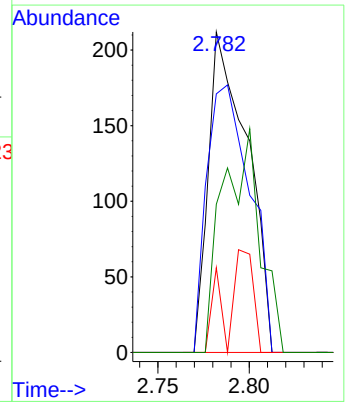


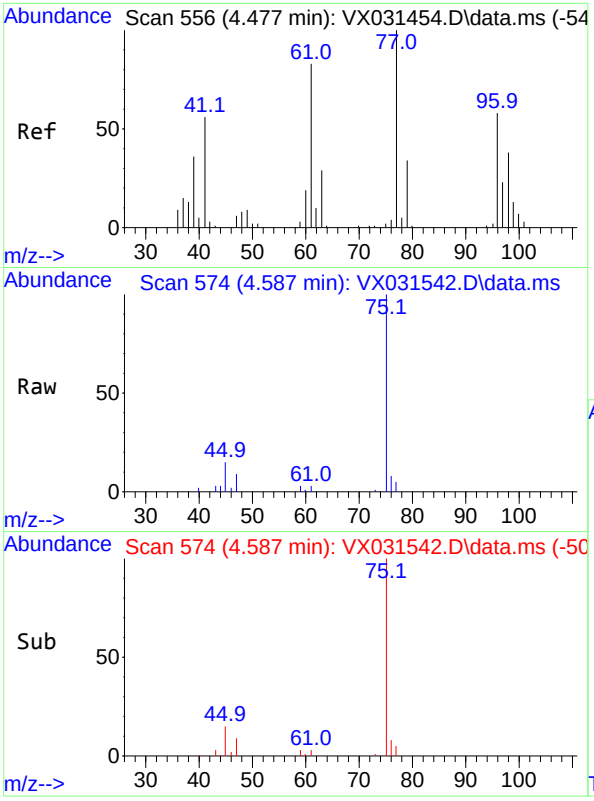


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 84 Resp: 314

Ion	Ratio	Lower	Upper
84	100		
49	80.7	105.9	158.9#
51	26.4	32.2	48.2#
86	46.2	50.8	76.2#



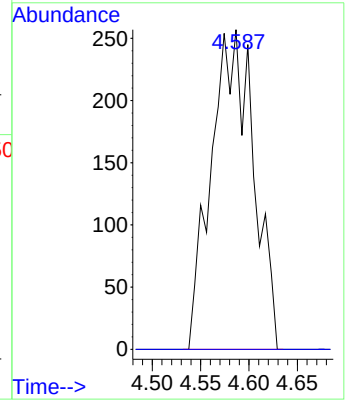


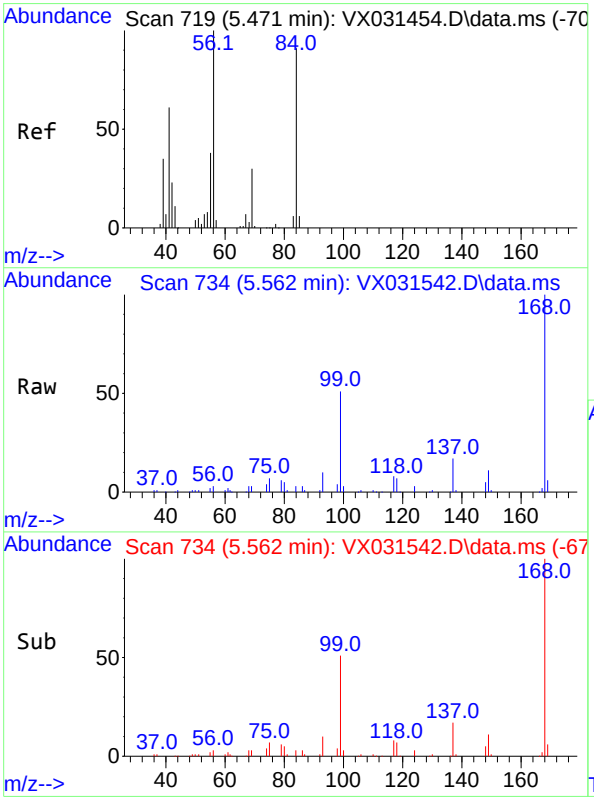
#26
2,2-Dichloropropane
Concen: 0.329 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.110 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 77 Resp: 784

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.9	32.6#

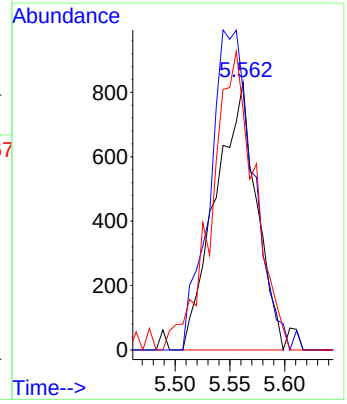


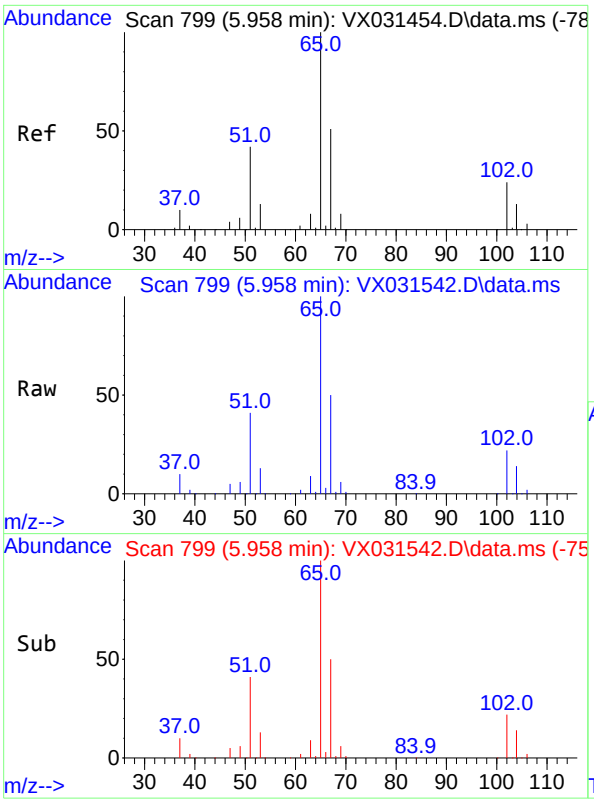


#31
Cyclohexane
Concen: 0.916 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 56 Resp: 2166

Ion	Ratio	Lower	Upper
56	100		
69	97.1	25.1	37.7#
84	81.8	70.2	105.4



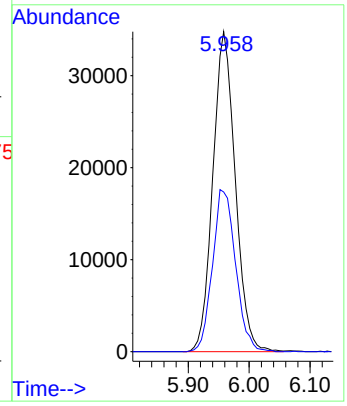


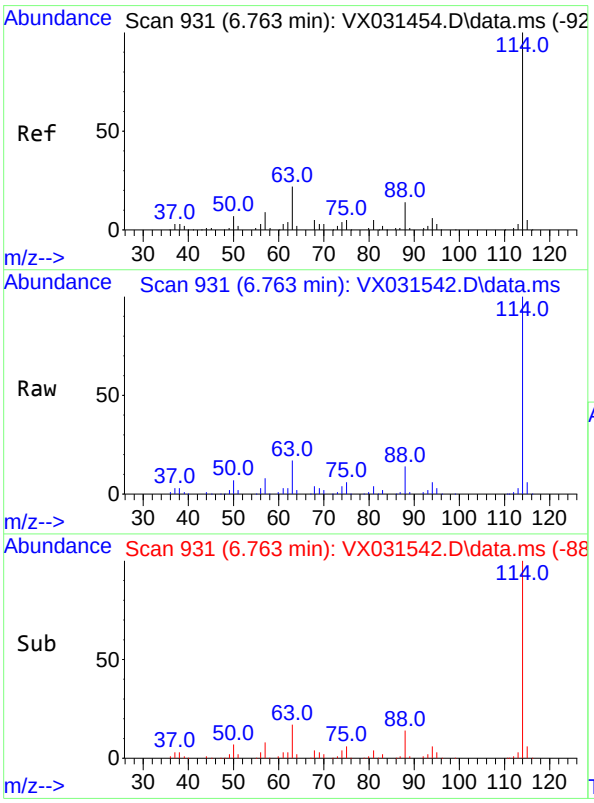
#33
1,2-Dichloroethane-d4
Concen: 55.824 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 88916

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.4

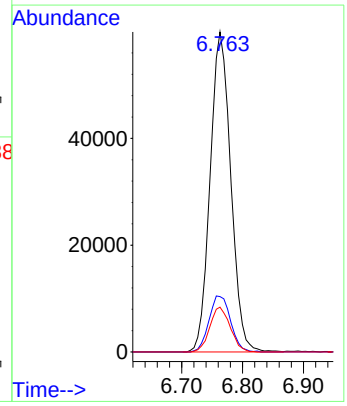


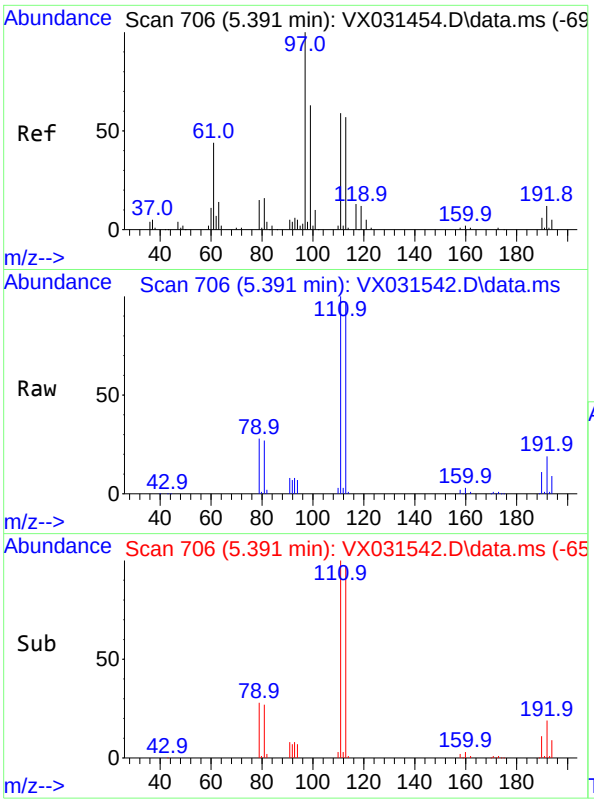


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:114 Resp: 141141

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	42.6
88	14.0	0.0	33.0



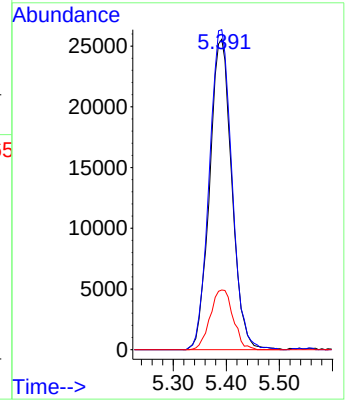


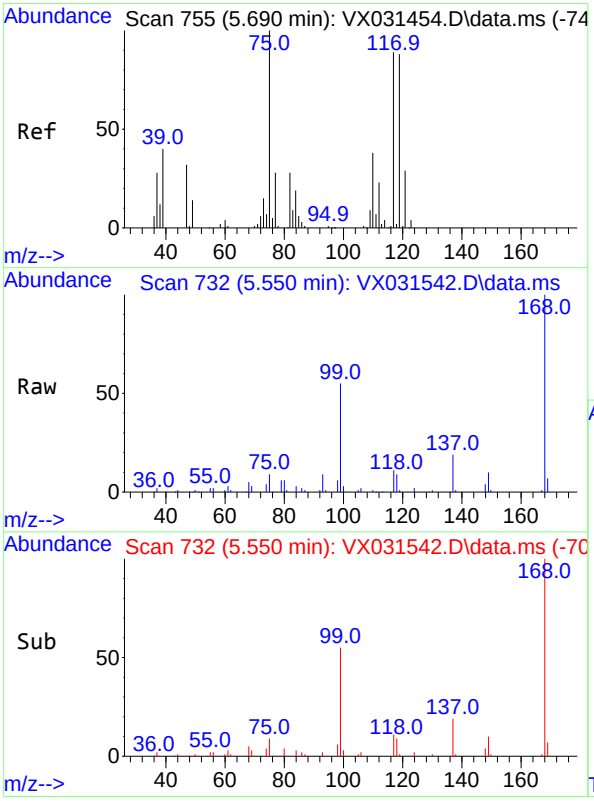
#35
Dibromofluoromethane
Concen: 50.884 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 74213

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	19.8	14.1	21.1

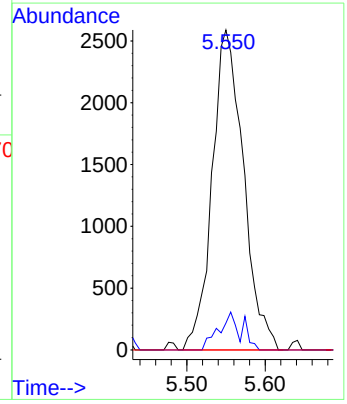


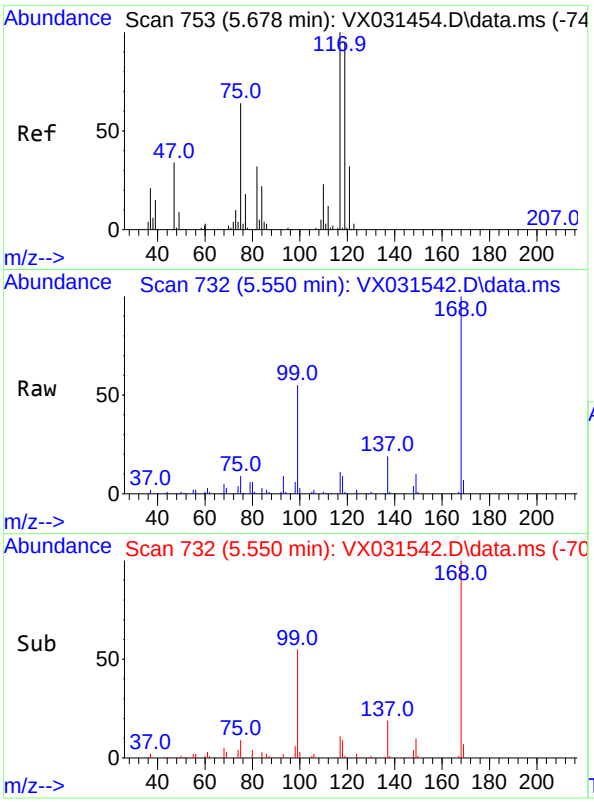


#36
1,1-Dichloropropene
Concen: 3.203 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 75 Resp: 7185

Ion	Ratio	Lower	Upper
75	100		
110	6.6	17.5	52.5#
77	0.0	24.9	37.3#



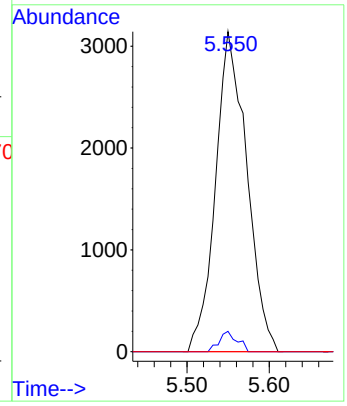


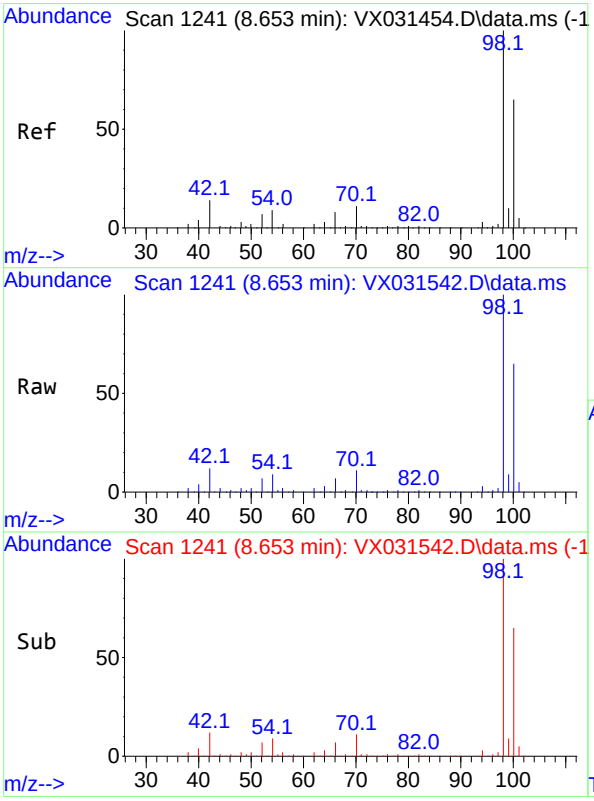
#38
Carbon Tetrachloride
Concen: 3.342 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 8311

Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.6	112.0#
121	0.0	25.3	37.9#

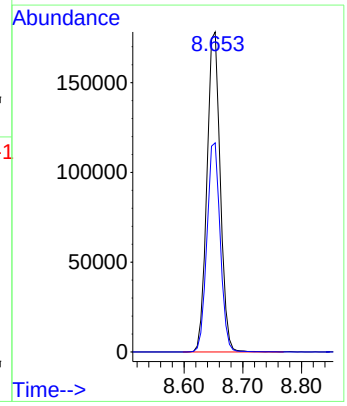


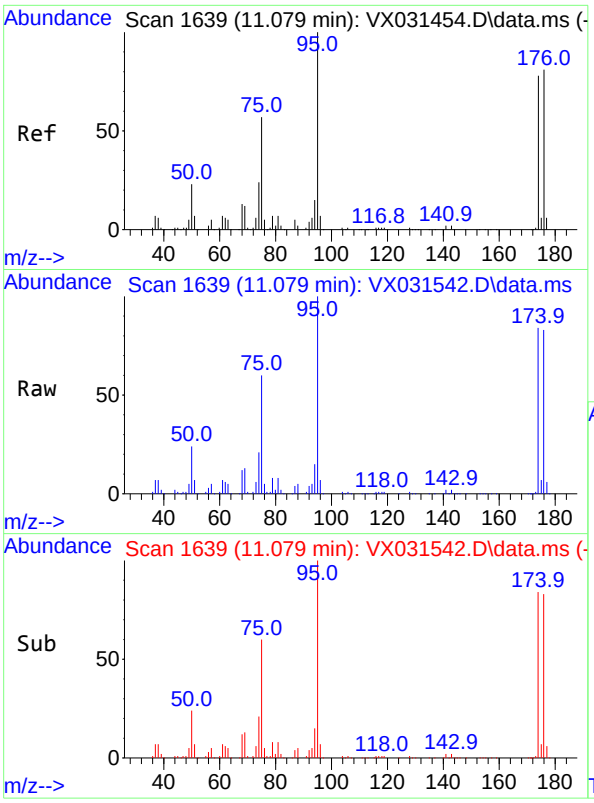


#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 98 Resp: 280270

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7



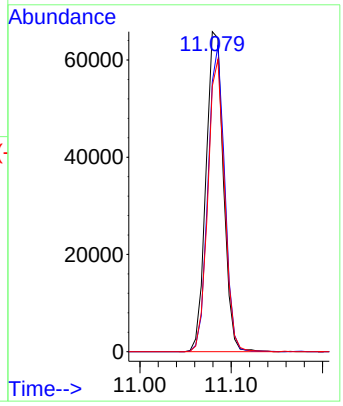


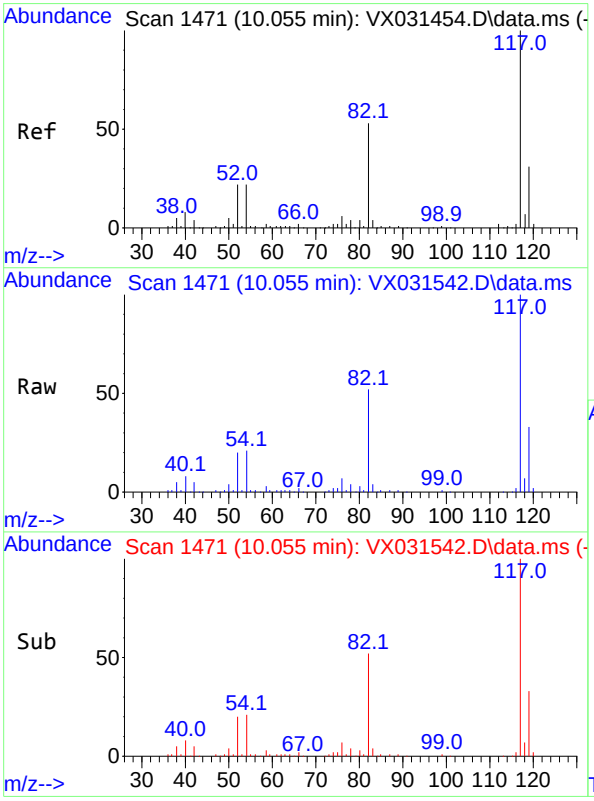
#62
4-Bromofluorobenzene
Concen: 45.664 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 86978

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	153.2
176	87.5	0.0	144.0

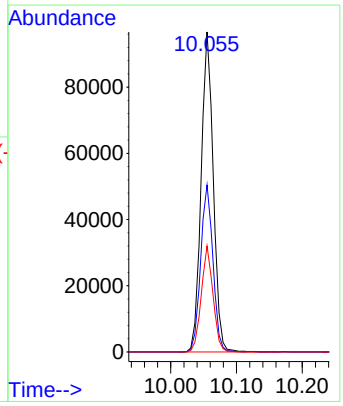


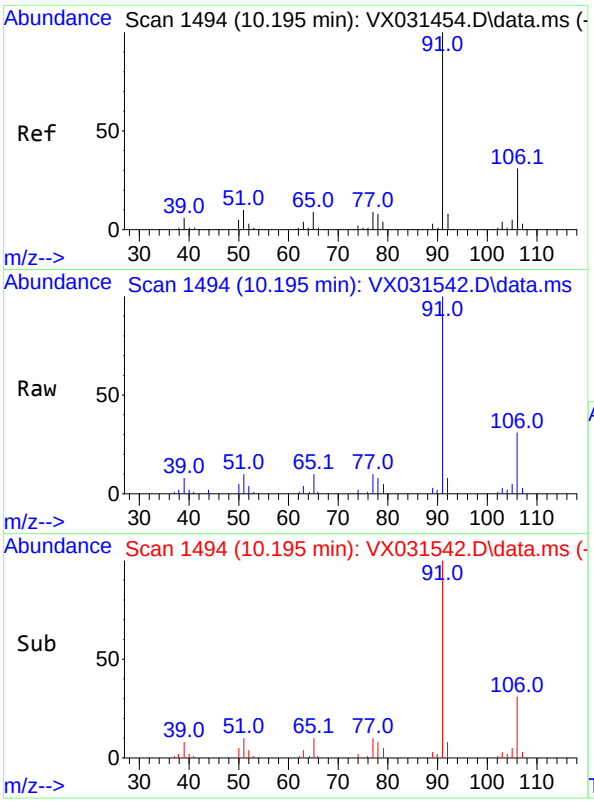


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:117 Resp: 123949

Ion	Ratio	Lower	Upper
117	100		
82	52.2	46.8	70.2
119	33.1	26.4	39.6



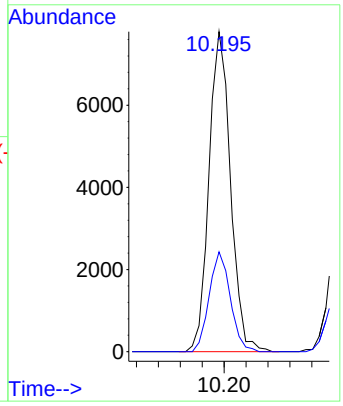


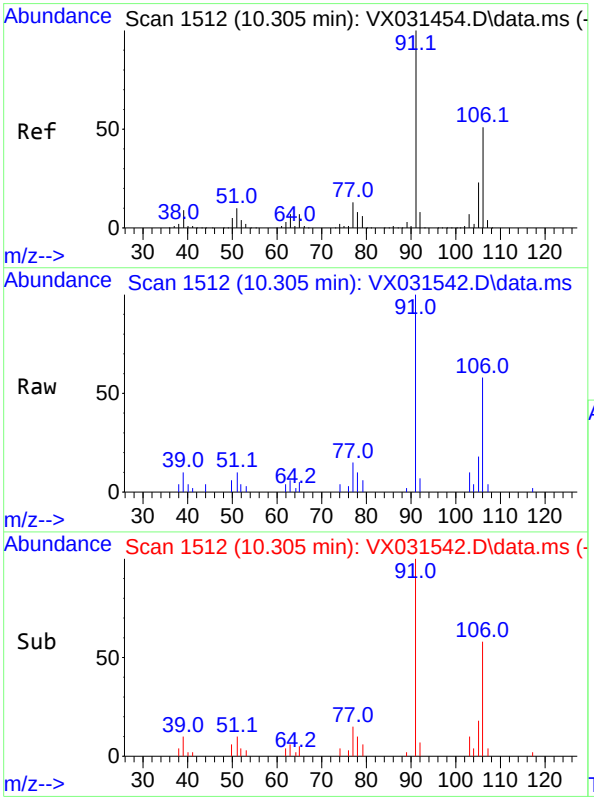
#67
Ethyl Benzene
Concen: 1.573 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 10618

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.2	37.8

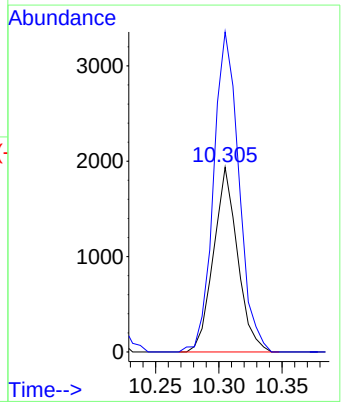


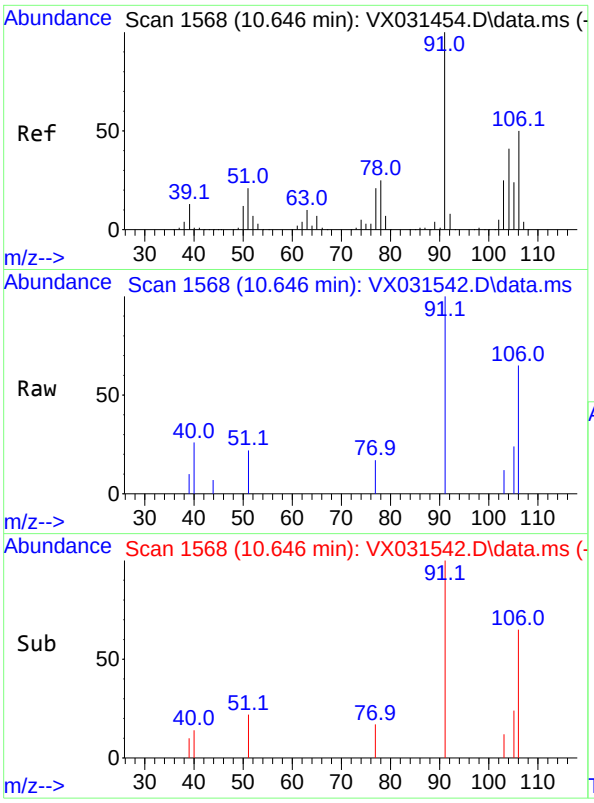


#68
m/p-Xylenes
Concen: 0.944 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:106 Resp: 2561

Ion	Ratio	Lower	Upper
106	100		
91	182.4	161.0	241.4



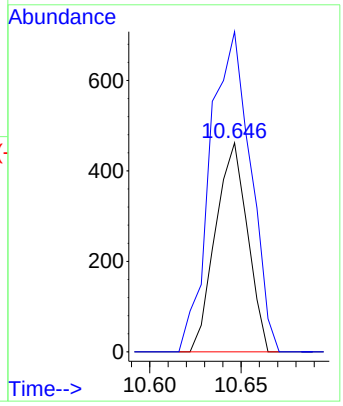


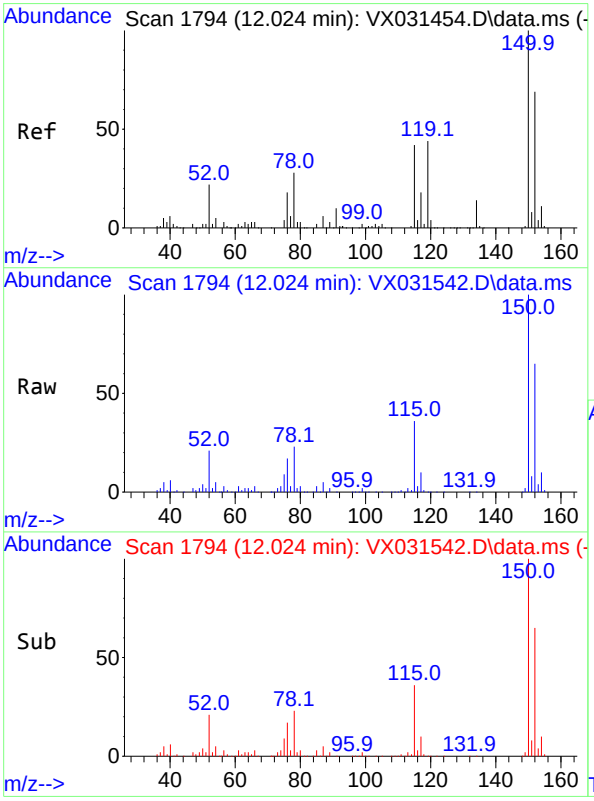
#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 563

Ion	Ratio	Lower	Upper
106	100		
91	193.4	107.2	321.6

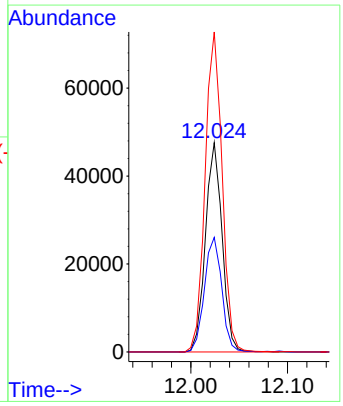


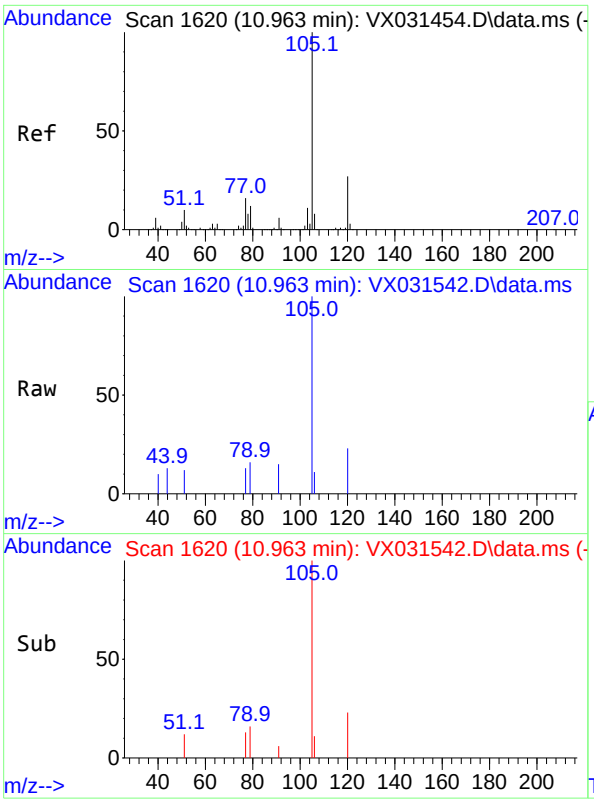


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:152 Resp: 57227

Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.4	130.1
150	156.1	0.0	346.8



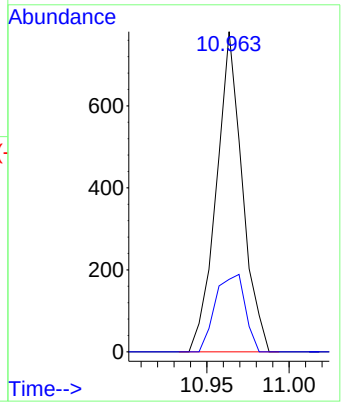


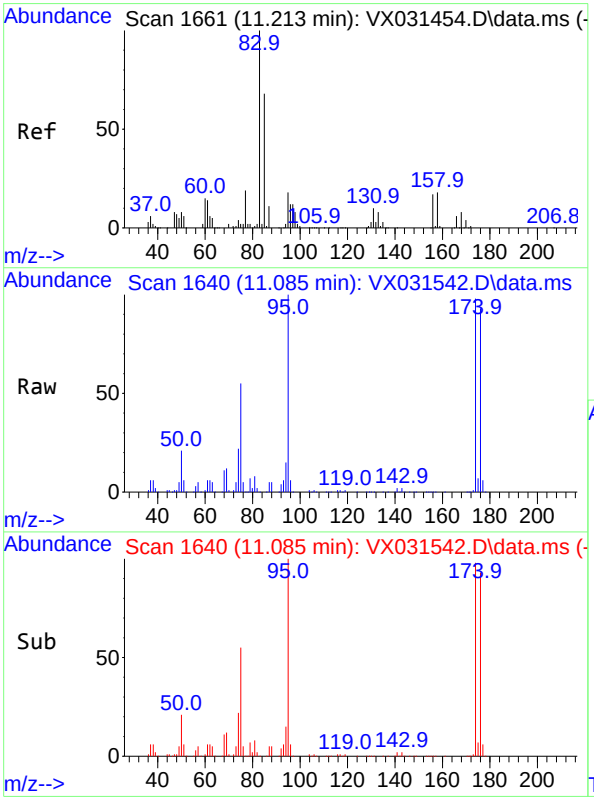
#73
Isopropylbenzene
Concen: 0.200 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 855

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.0

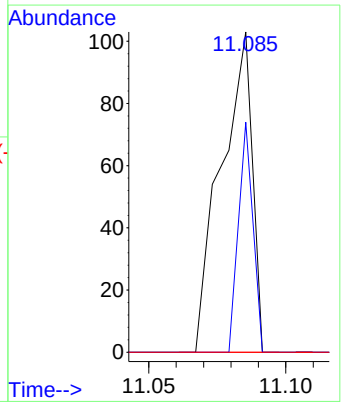


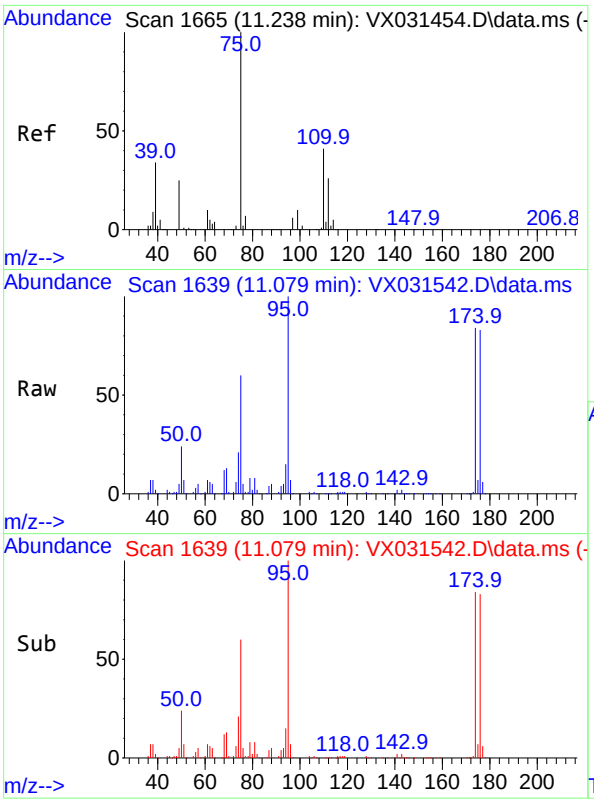


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 83 Resp: 81

Ion	Ratio	Lower	Upper
83	100		
131	33.3	5.1	15.4#
85	0.0	32.6	97.8#



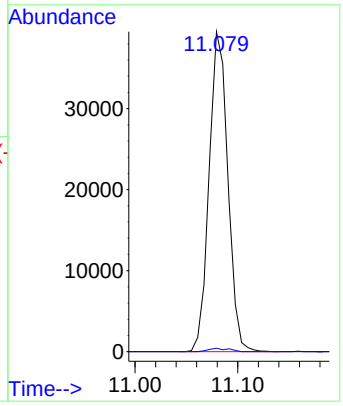


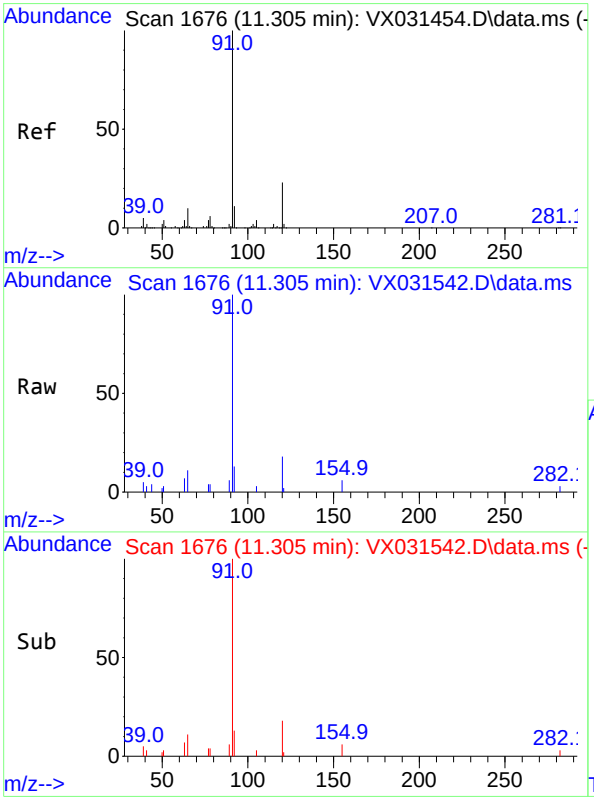
#76
1,2,3-Trichloropropane
Concen: 39.153 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 50008

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#

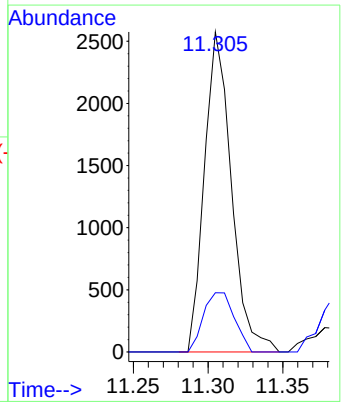


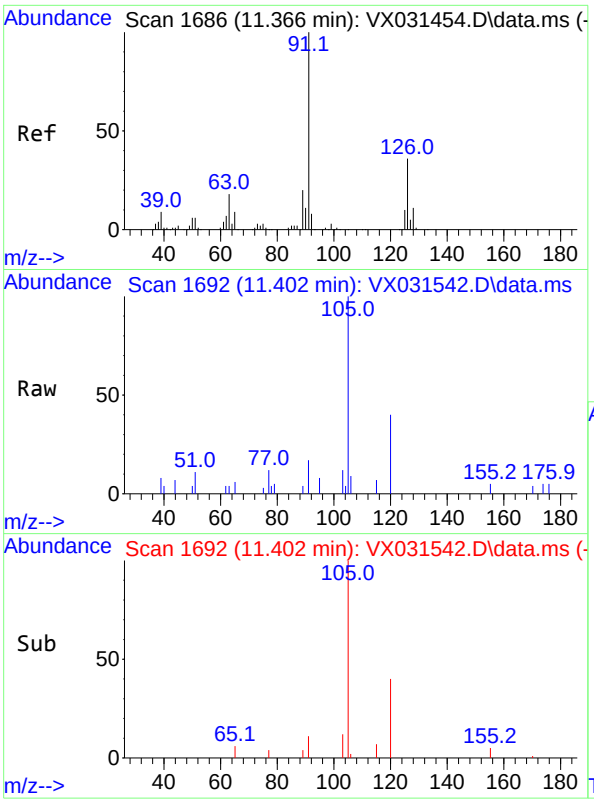


#78
n-propylbenzene
Concen: 0.658 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion: 91 Resp: 3235

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.8	35.4



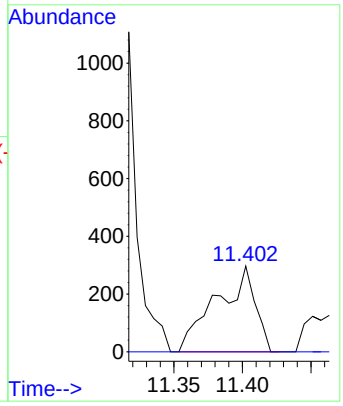


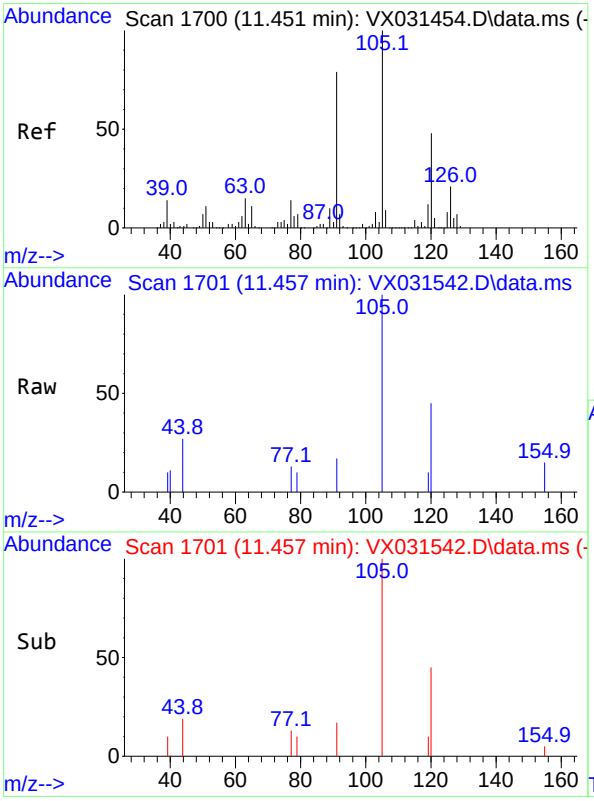
#79
2-Chlorotoluene
Concen: 0.201 ug/l
RT: 11.402 min Scan# 1
Delta R.T. 0.036 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 587

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.3#

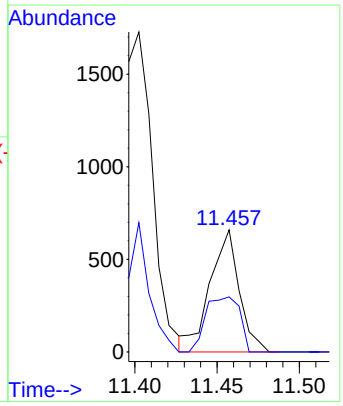


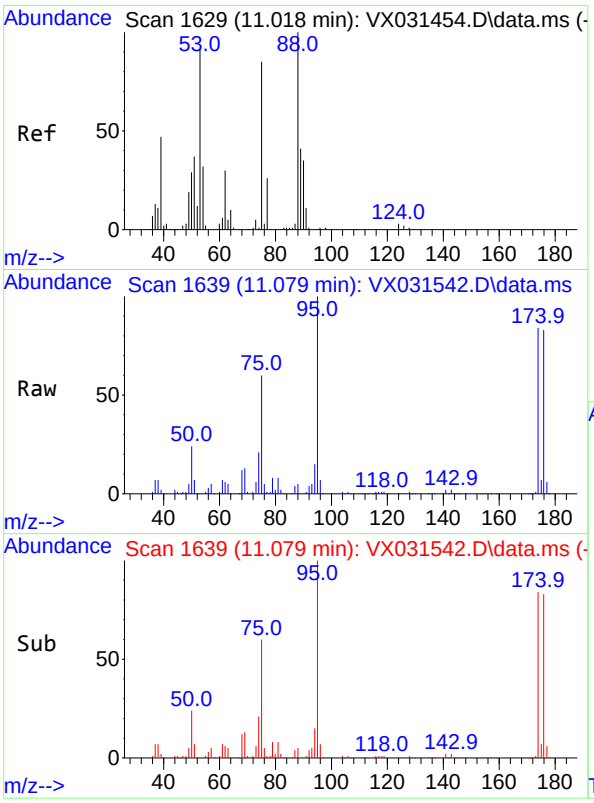


#80
1,3,5-Trimethylbenzene
Concen: 0.225 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:105 Resp: 817

Ion	Ratio	Lower	Upper
105	100		
120	52.4	24.5	73.5



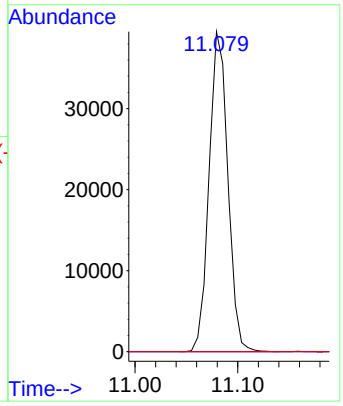


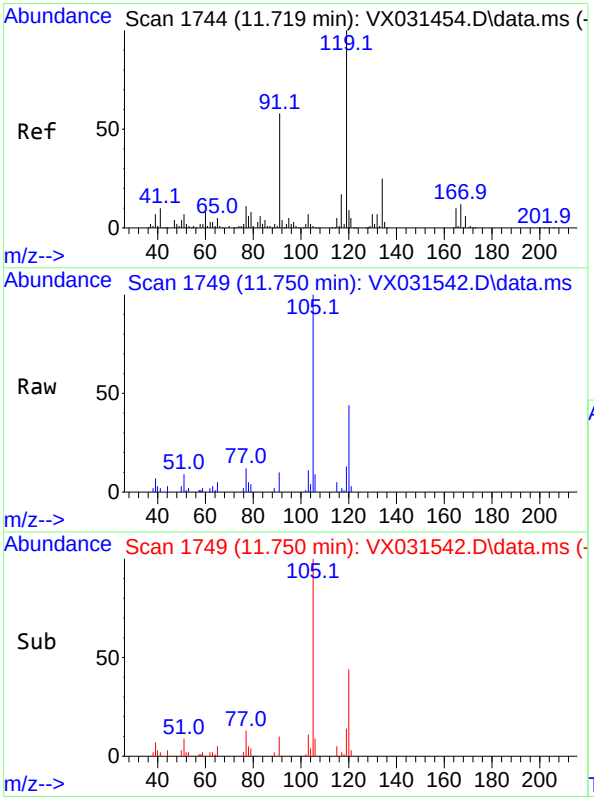
#81
trans-1,4-Dichloro-2-butene
Concen: 126.067 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 50008

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

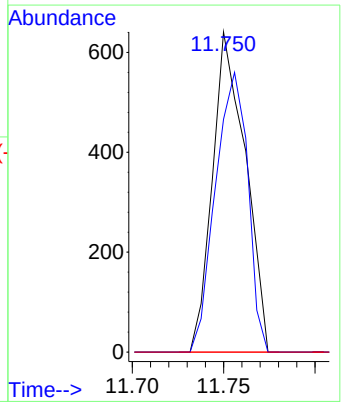


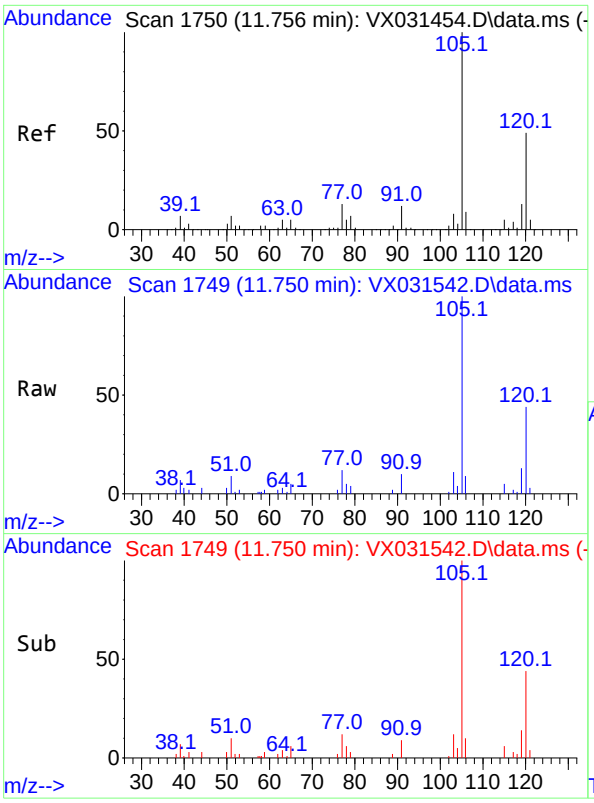


#83
tert-Butylbenzene
Concen: 0.229 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.031 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:119 Resp: 804

Ion	Ratio	Lower	Upper
119	100		
91	85.8	29.2	87.6
134	0.0	11.6	34.8#



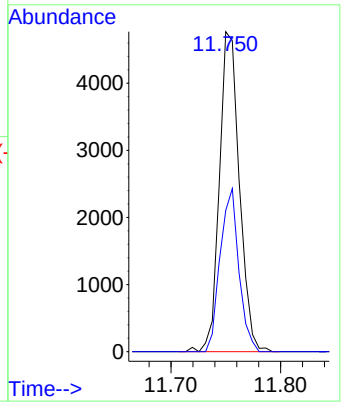


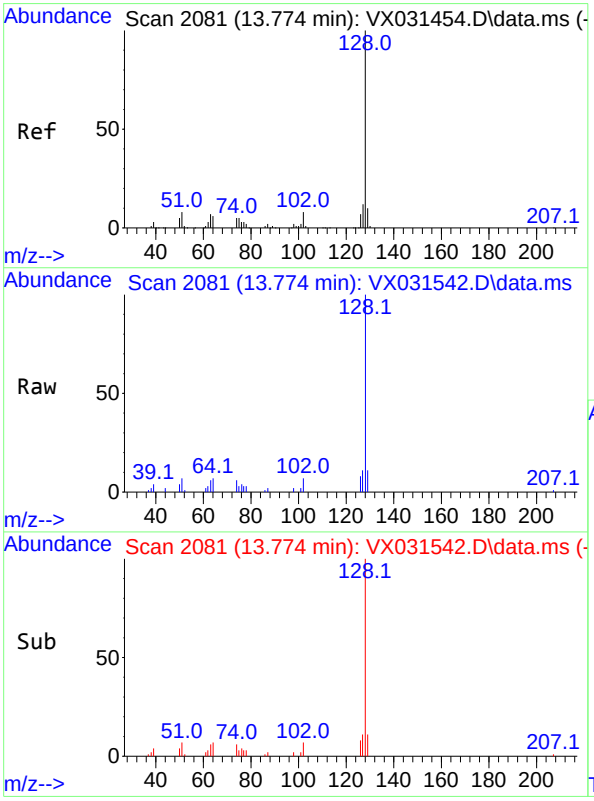
#84
1,2,4-Trimethylbenzene
Concen: 1.691 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 6040

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.6	67.8





#95
Naphthalene
Concen: 2.529 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031542.D
Acq: 22 Sep 2022 01:35

Tgt Ion:128 Resp: 10374

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.2	8.8	13.2