Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027522.D
Acq On : 18 Mar 2022 12:57
Operator : JC/MD
Sample : N1997-17DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 19 03:06:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	337633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	559910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	514390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208070	50.025	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.060%			
35) Dibromofluoromethane	5.391	113	182545	50.674	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.340%			
50) Toluene-d8	8.653	98	657165	48.208	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.420%			
62) 4-Bromofluorobenzene	11.085	95	242929	48.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.960%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	478	Below Cal	#	57
6) Chloroethane	1.837	64	1553	0.761	ug/l #	43
10) Methyl Iodide	2.453	142	1355	0.313	ug/l	98
11) Tert butyl alcohol	2.965	59	55360	69.839	ug/l	99
13) Acrolein	2.233	56	244	0.397	ug/l	90
15) Acrylonitrile	3.117	53	4659	2.585	ug/l #	33
16) Acetone	2.380	43	2833	1.671	ug/l	90
17) Carbon Disulfide	2.514	76	3810	0.478	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	361712	34.195	ug/l	99
20) Methylene Chloride	2.788	84	1521	0.417	ug/l	94
25) 2-Butanone	4.580	43	597	0.234	ug/l	91
29) Tetrahydrofuran	5.038	42	400	0.244	ug/l #	40
31) Cyclohexane	5.562	56	5662	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23906	4.856	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33612	5.968	ug/l #	15
40) Benzene	6.043	78	3185	0.226	ug/l #	84
43) Isopropyl Acetate	6.330	43	3098	0.392	ug/l #	12
51) 4-Methyl-2-Pentanone	8.586	43	1041	0.207	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.250	63	284	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.085	75	117531	22.866	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	117531	69.444	ug/l #	15
89) n-Butylbenzene	12.335	91	2857	0.221	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2011	0.384	ug/l	96
94) Hexachlorobutadiene	13.725	225	1060	0.459	ug/l	95
95) Naphthalene	13.780	128	5492	0.322	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	2014	0.381	ug/l	90

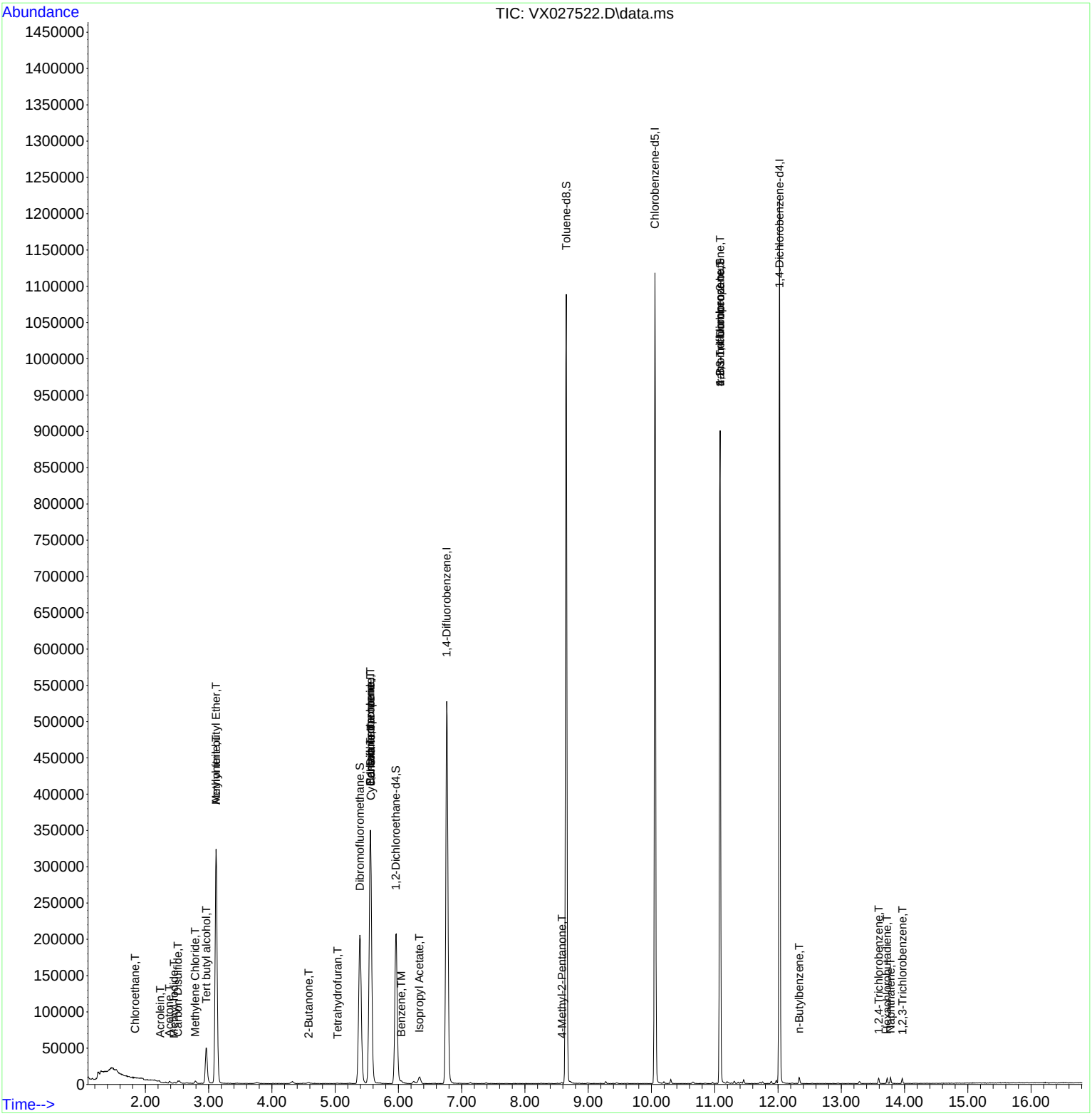
(#) = qualifier out of range (m) = manual integration (+) = signals summed

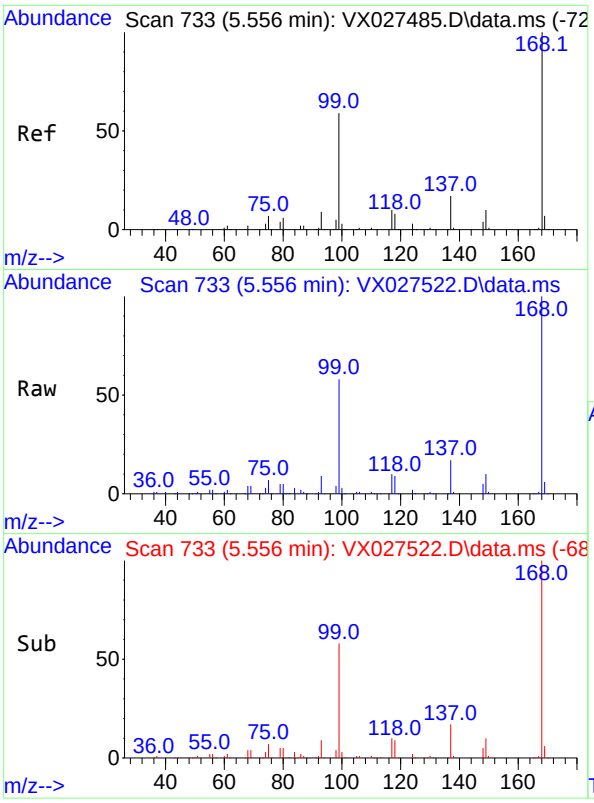
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027522.D
Acq On : 18 Mar 2022 12:57
Operator : JC/MD
Sample : N1997-17DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 19 03:06:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



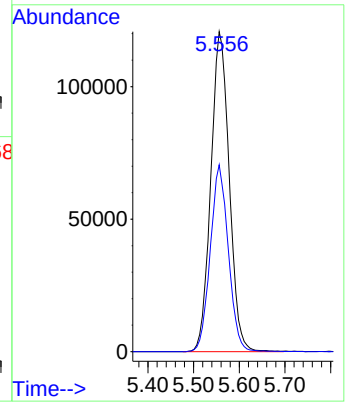


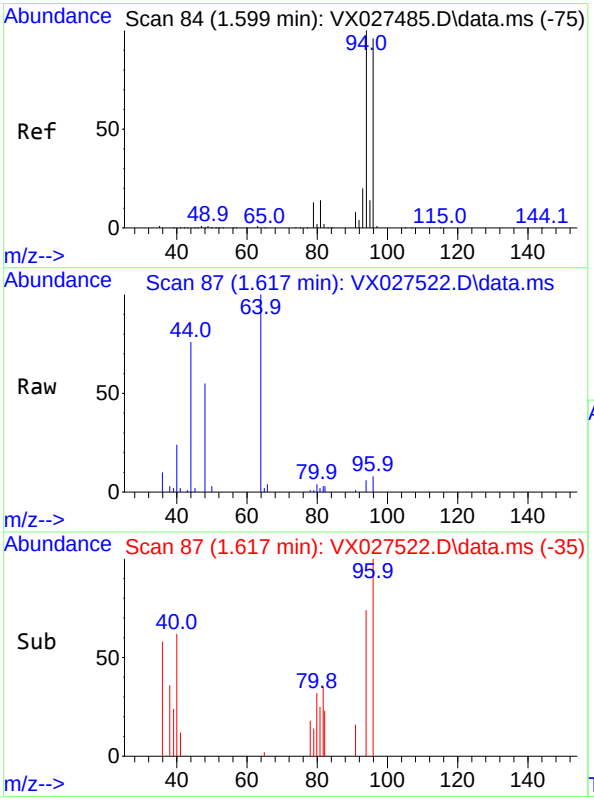
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 337633

Ion	Ratio	Lower	Upper
168	100		
99	58.4	41.7	62.5

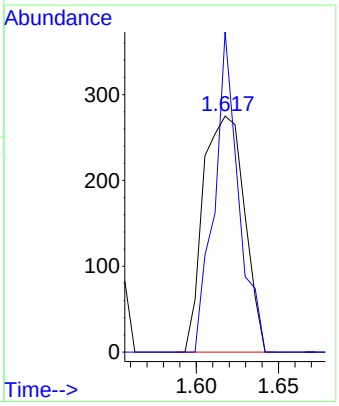


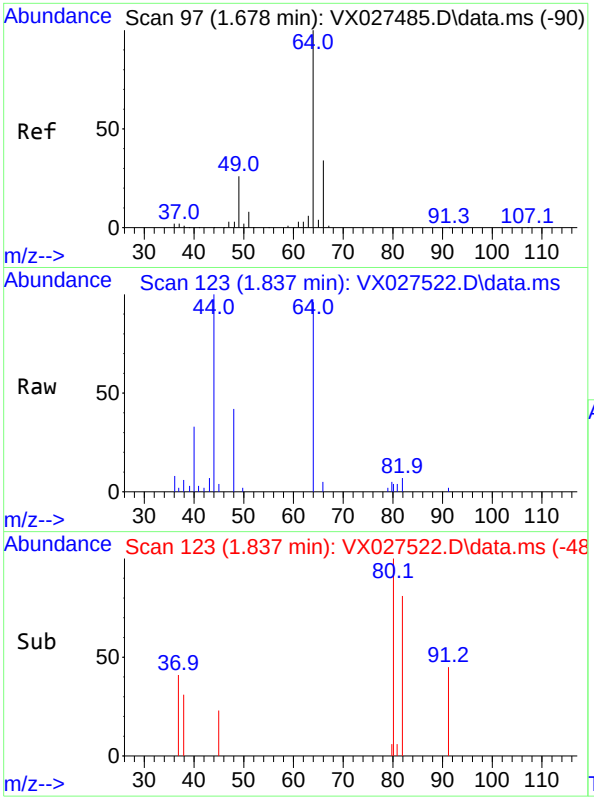


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 94 Resp: 478

Ion	Ratio	Lower	Upper
94	100		
96	135.6	75.3	112.9#



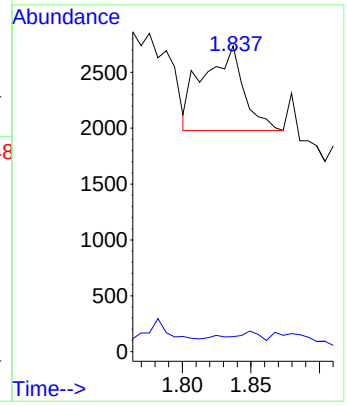


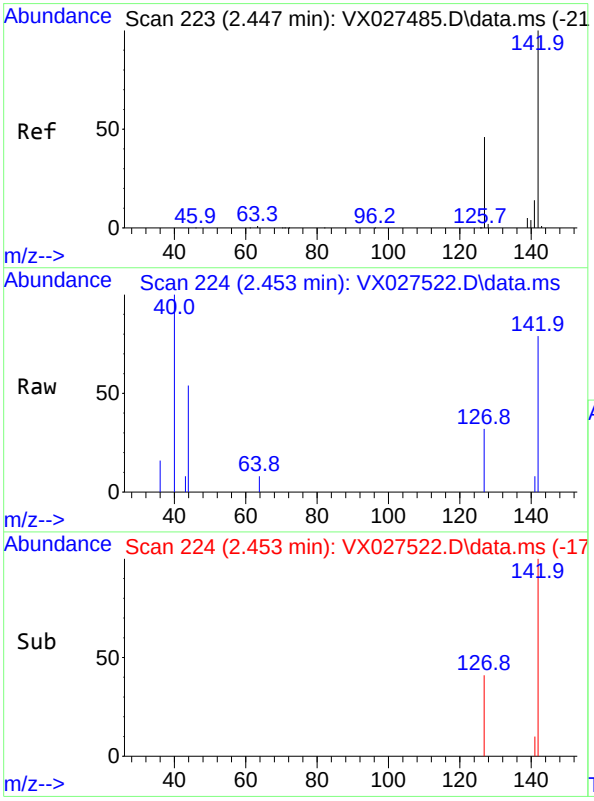
#6
Chloroethane
Concen: 0.761 ug/l
RT: 1.837 min Scan# 1
Delta R.T. 0.159 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1553

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

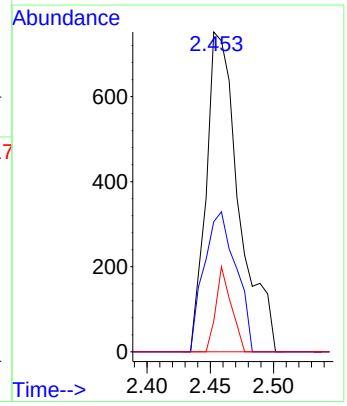


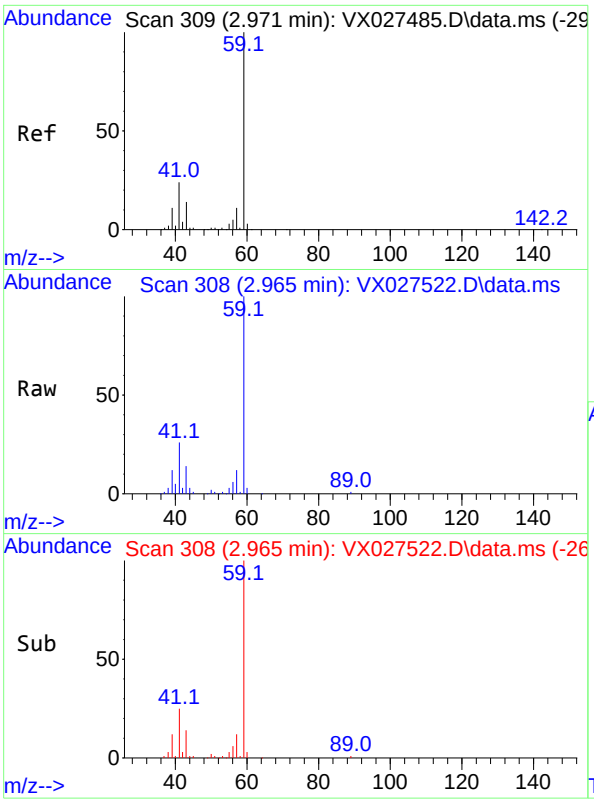


#10
Methyl Iodide
Concen: 0.313 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion:142 Resp: 1355

Ion	Ratio	Lower	Upper
142	100		
127	42.7	33.9	50.9
141	12.5	11.4	17.2



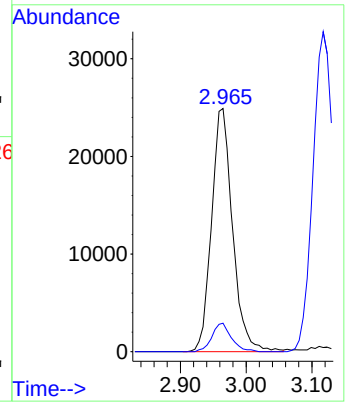


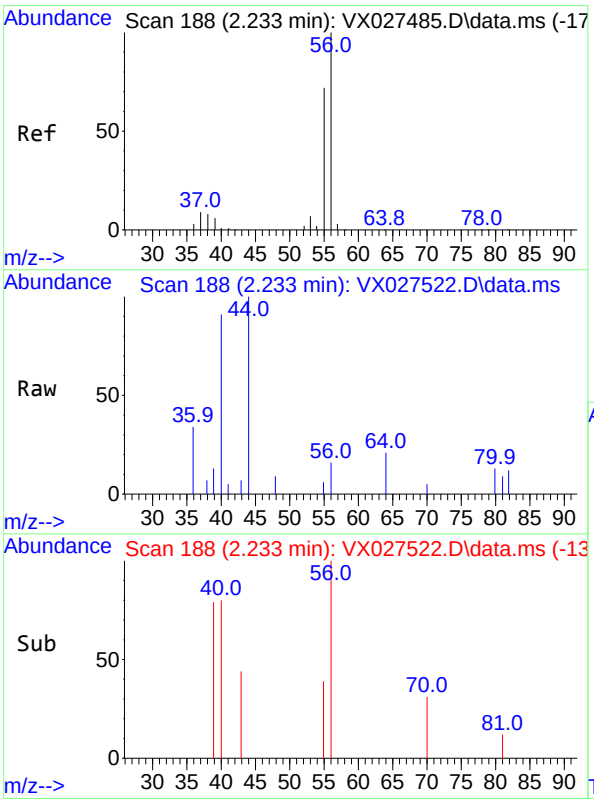
#11
Tert butyl alcohol
Concen: 69.839 ug/l
RT: 2.965 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 55360

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

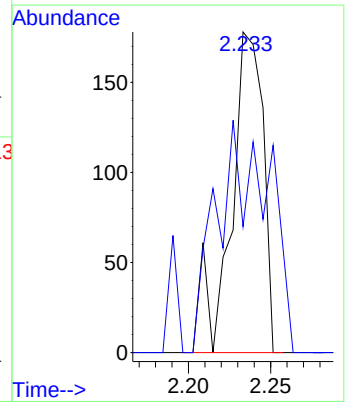


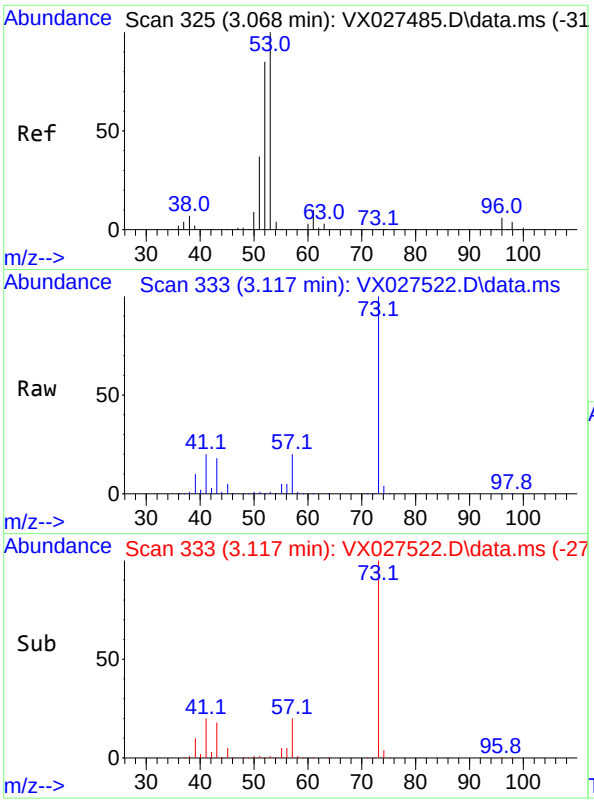


#13
Acrolein
Concen: 0.397 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	61.1	55.0	82.6



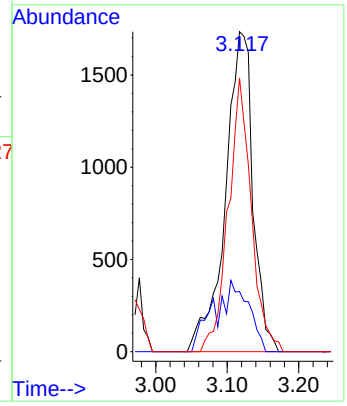


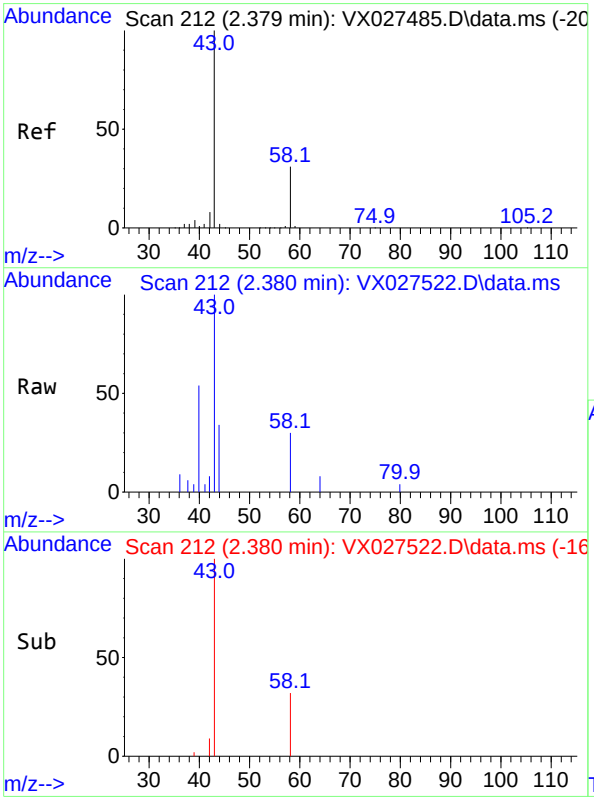
#15
Acrylonitrile
Concen: 2.585 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.049 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 4659

Ion	Ratio	Lower	Upper
53	100		
52	19.6	65.7	98.5#
51	71.1	28.4	42.6#

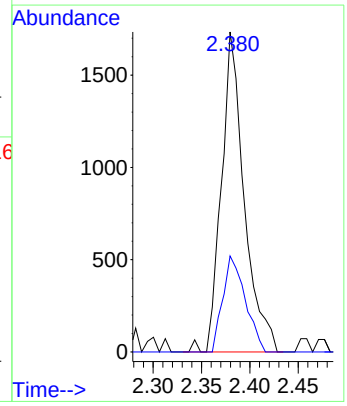


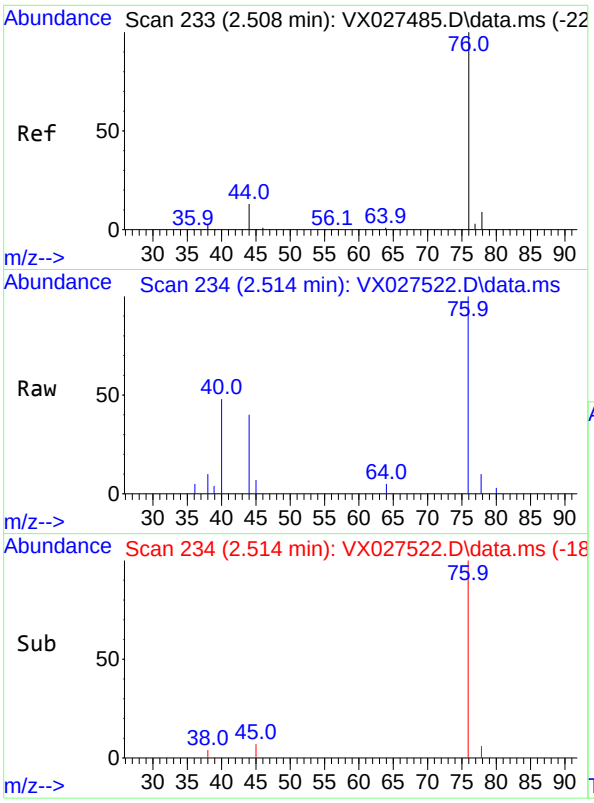


#16
Acetone
Concen: 1.671 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 43 Resp: 2833

Ion	Ratio	Lower	Upper
43	100		
58	30.0	28.8	43.2



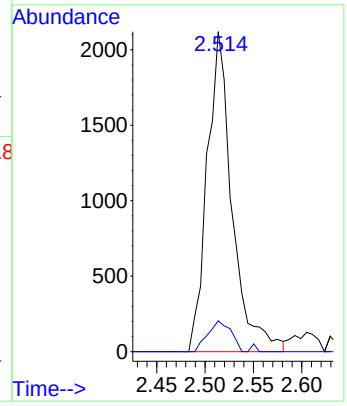


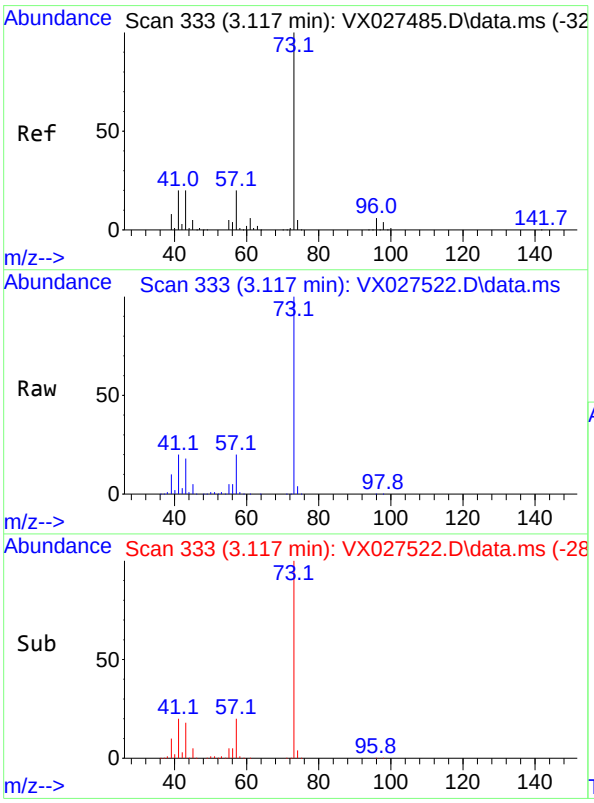
#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3810

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8

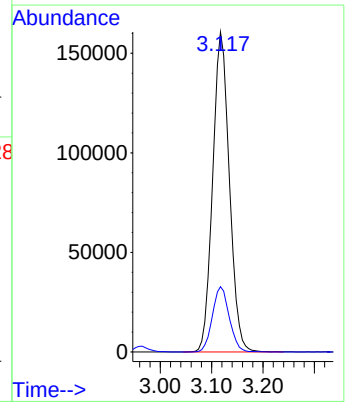


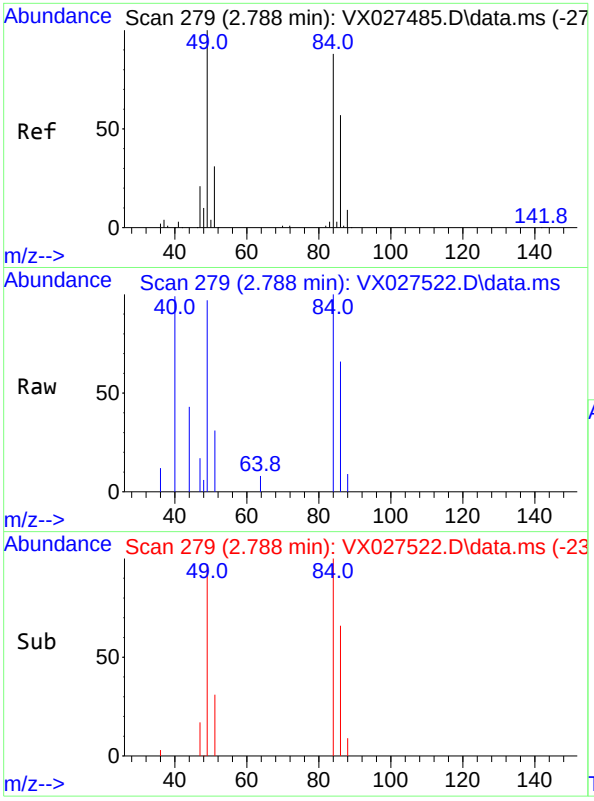


#19
Methyl tert-butyl Ether
Concen: 34.195 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 73 Resp: 361712

Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.8	25.2



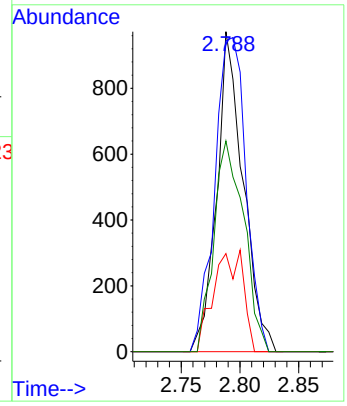


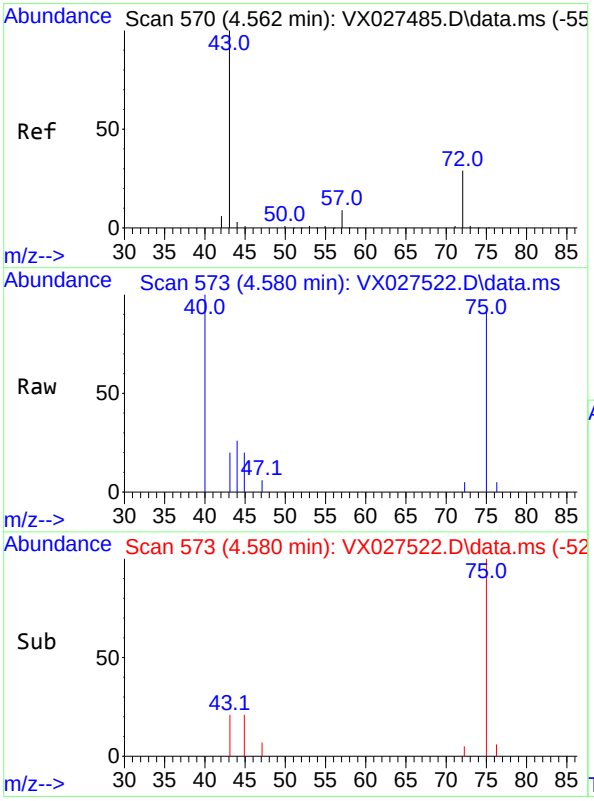
#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1521

Ion	Ratio	Lower	Upper
84	100		
49	97.2	85.5	128.3
51	30.7	26.6	39.8
86	65.8	51.5	77.3

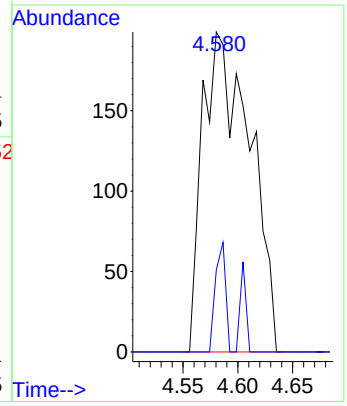


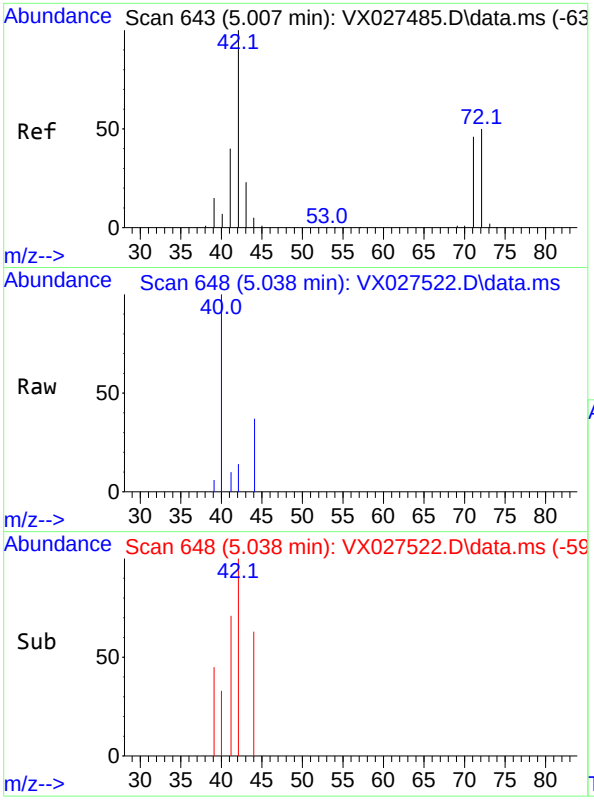


#25
2-Butanone
Concen: 0.234 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 43 Resp: 597

Ion	Ratio	Lower	Upper
43	100		
72	25.6	24.4	36.6



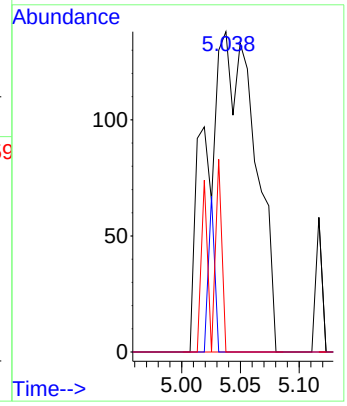


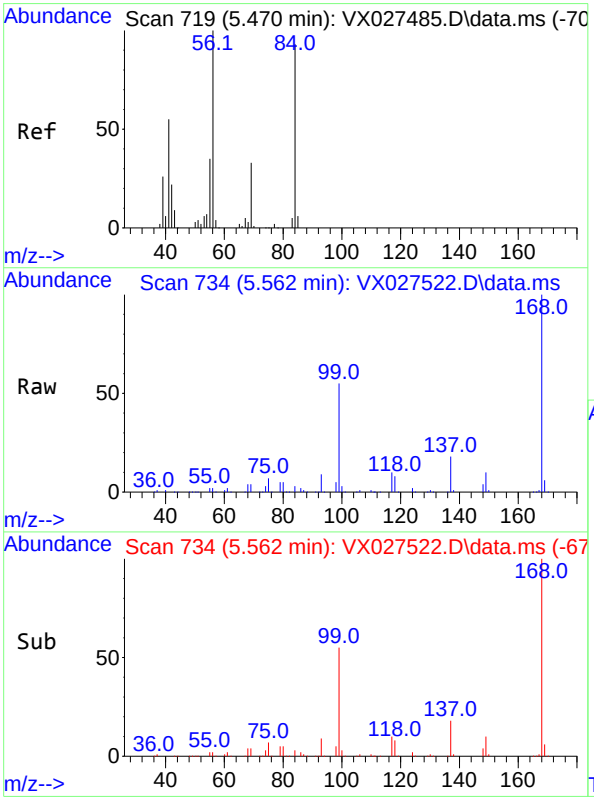
#29
Tetrahydrofuran
Concen: 0.244 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 400

Ion	Ratio	Lower	Upper
42	100		
72	6.3	44.1	66.1#
71	14.2	40.5	60.7#

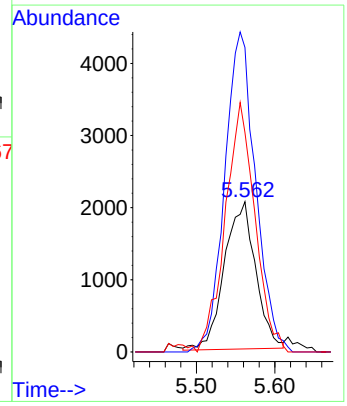


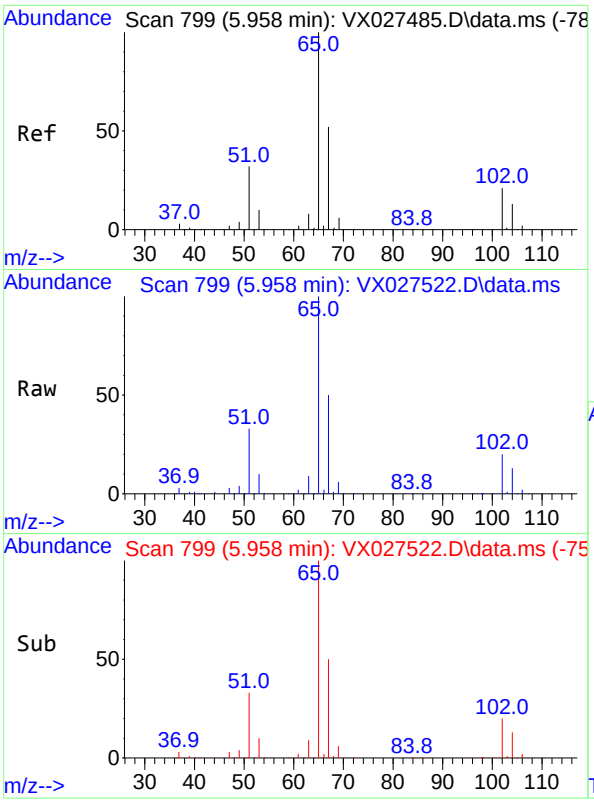


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 56 Resp: 5662

Ion	Ratio	Lower	Upper
56	100		
69	208.1	26.7	40.1#
84	145.7	77.2	115.8#



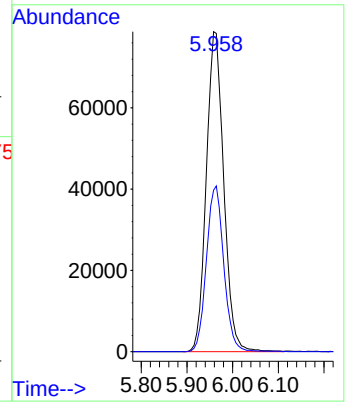


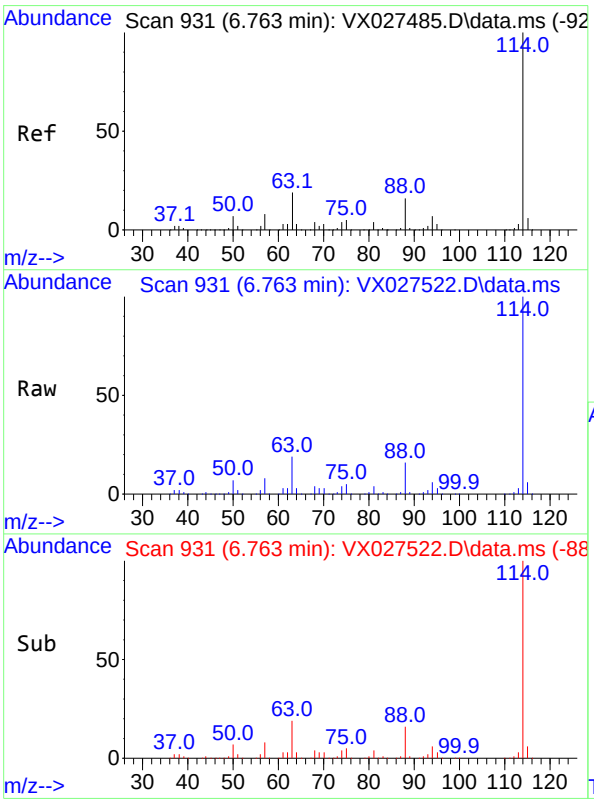
#33
1,2-Dichloroethane-d4
Concen: 50.025 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 208070

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.4

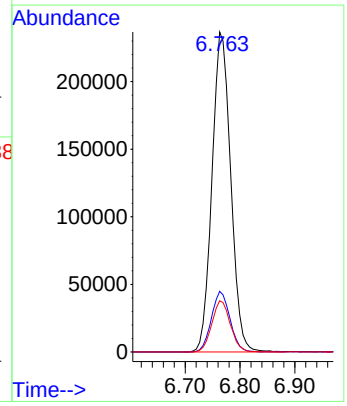


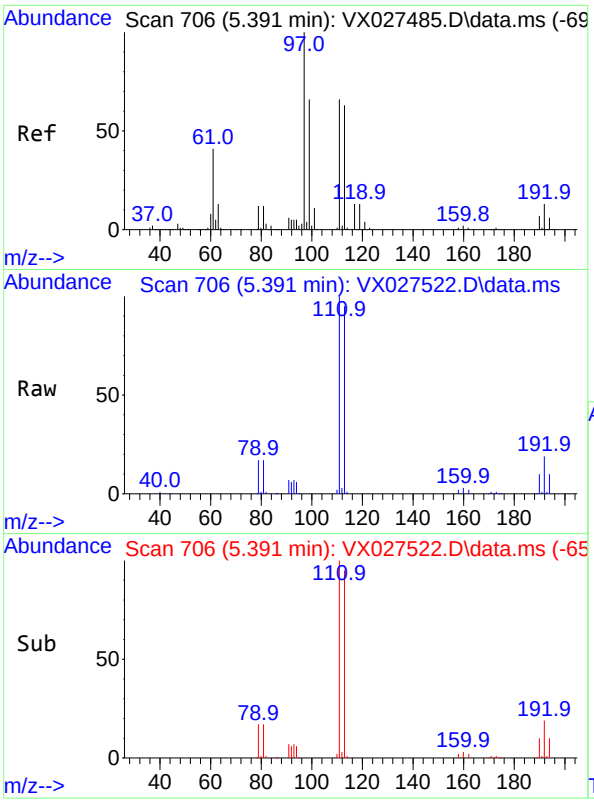


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion:114 Resp: 559910

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	16.0	0.0	32.4



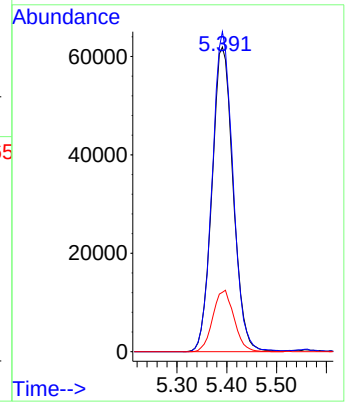


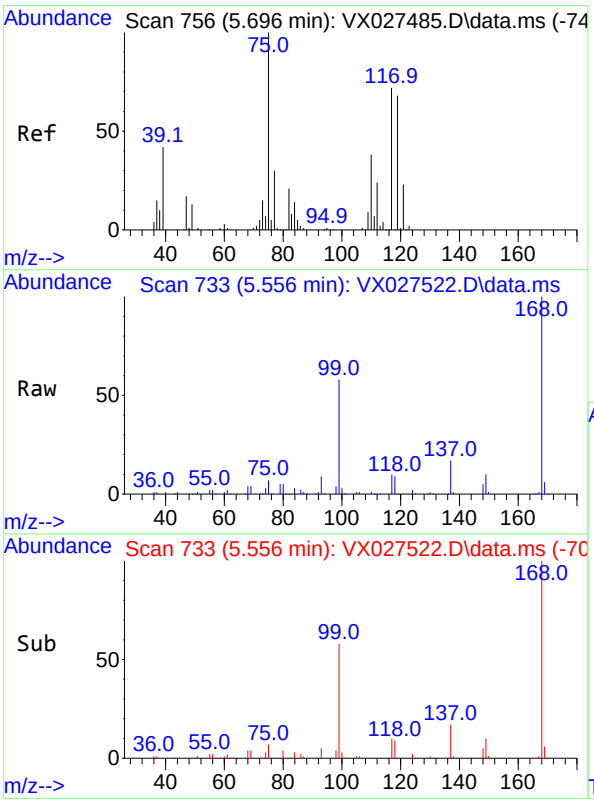
#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 182545

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	20.2	16.9	25.3

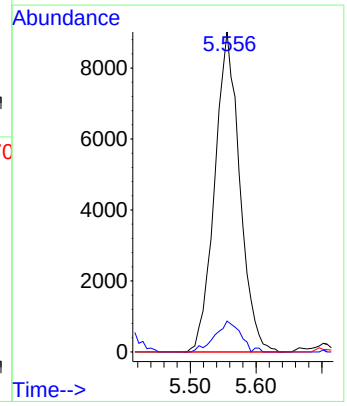


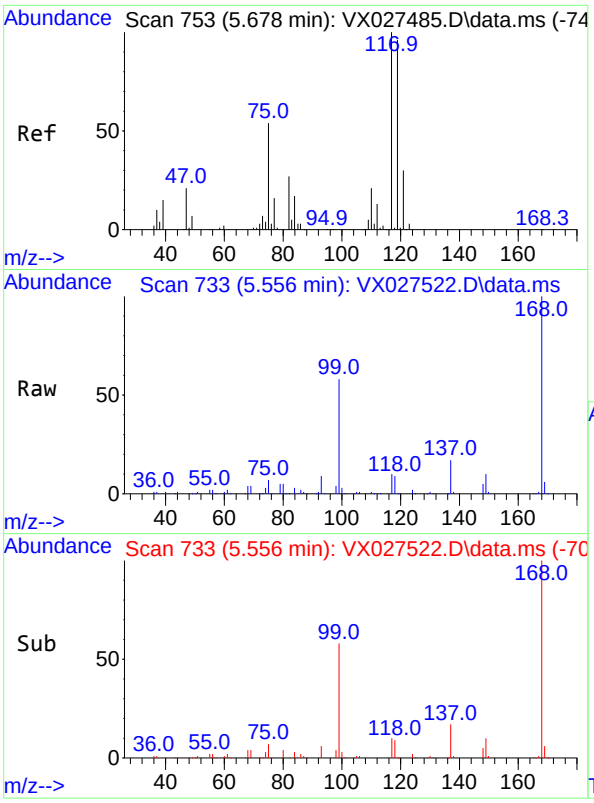


#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 75 Resp: 23906

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.3	54.8#
77	0.0	24.8	37.2#



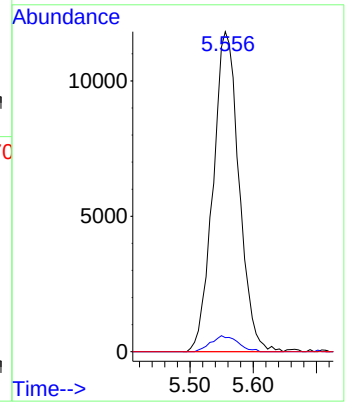


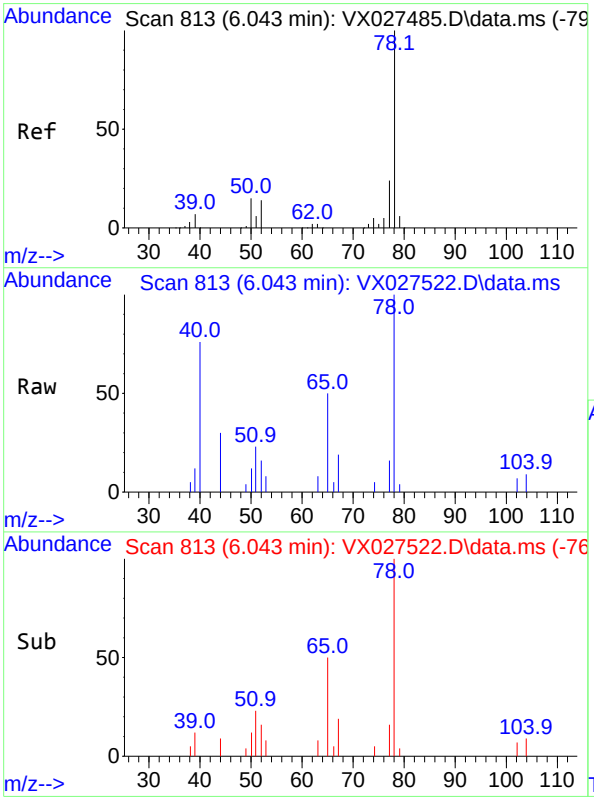
#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 33612

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.3	115.9#
121	0.0	24.2	36.2#

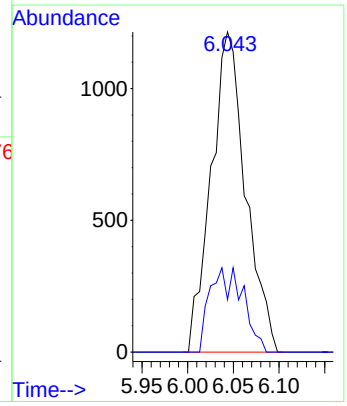


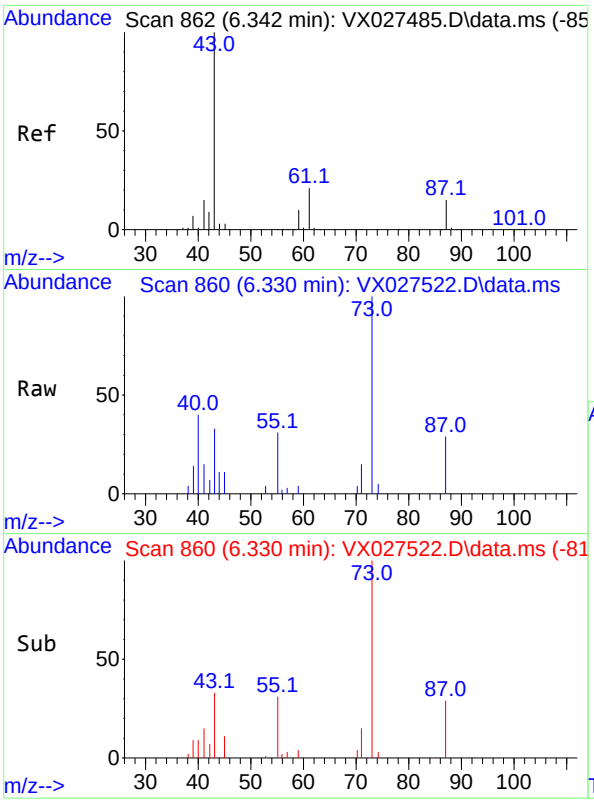


#40
Benzene
Concen: 0.226 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 78 Resp: 3185

Ion	Ratio	Lower	Upper
78	100		
77	16.4	19.3	28.9#



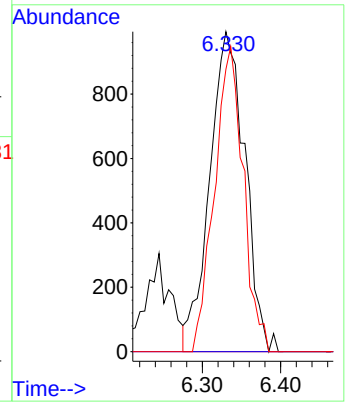


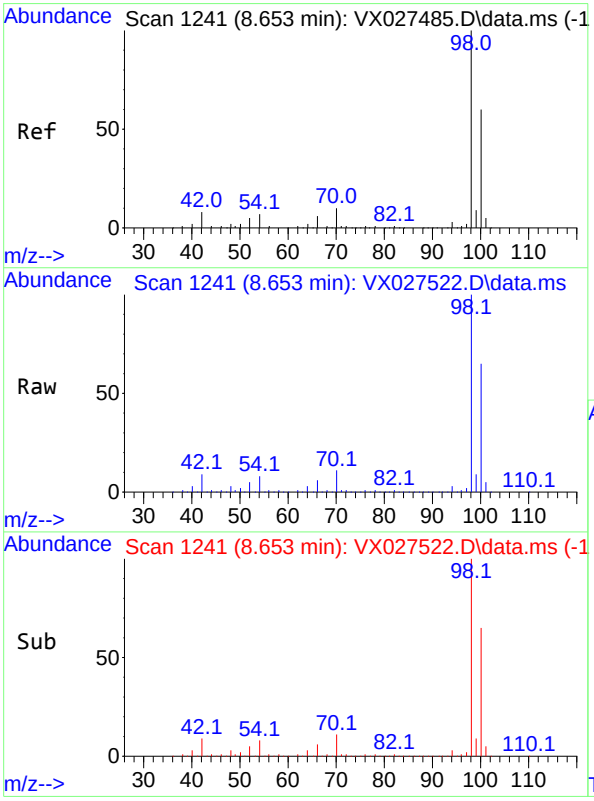
#43
Isopropyl Acetate
Concen: 0.392 ug/l
RT: 6.330 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3098

Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.5	27.7#
87	78.1	13.0	19.6#

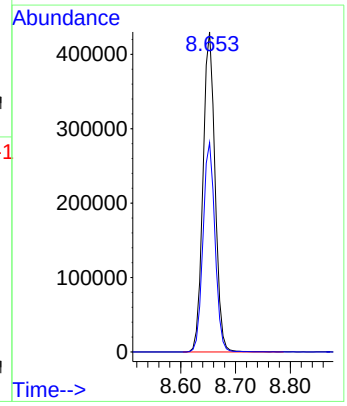


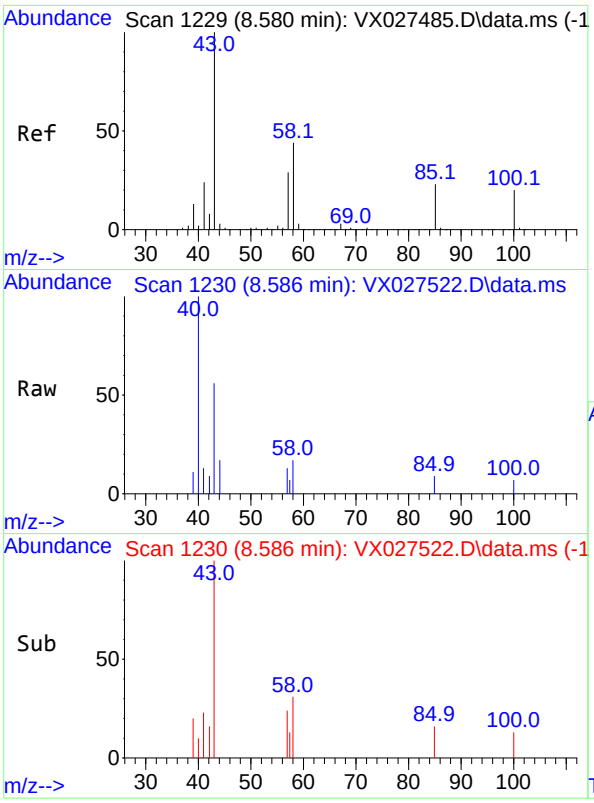


#50
Toluene-d8
Concen: 48.208 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 98 Resp: 657165

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8



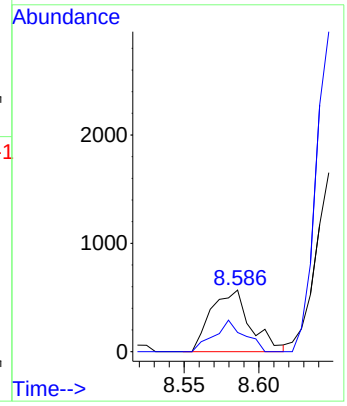


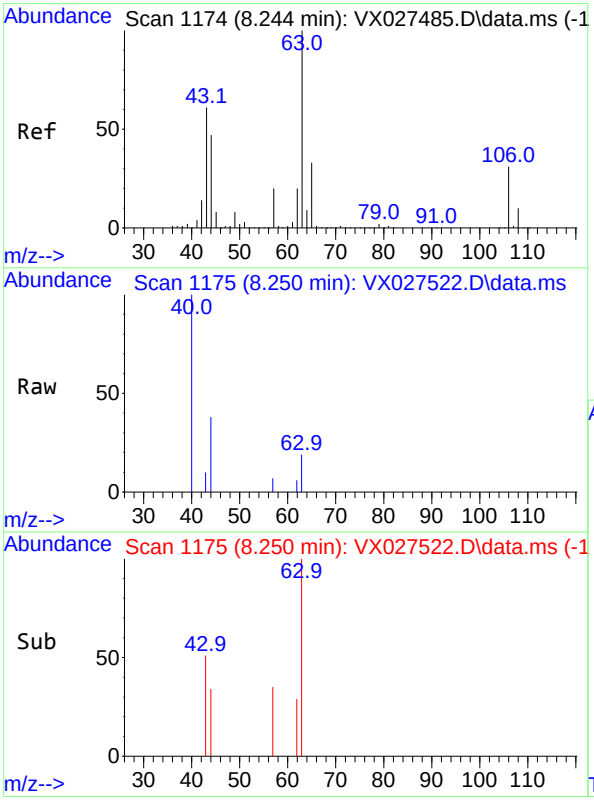
#51
4-Methyl-2-Pentanone
Concen: 0.207 ug/l
RT: 8.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1041

Ion	Ratio	Lower	Upper
43	100		
58	39.0	36.1	54.1

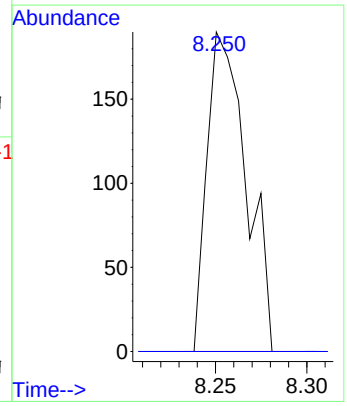


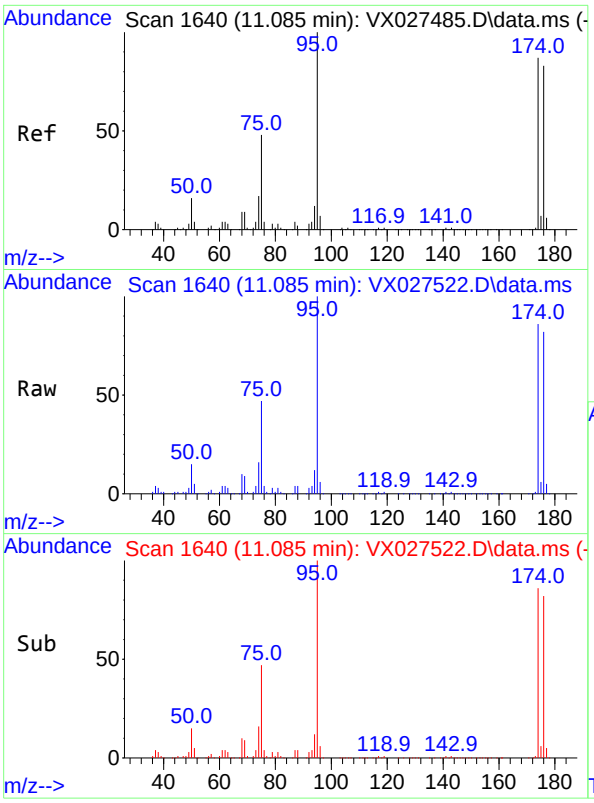


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 63 Resp: 284

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#



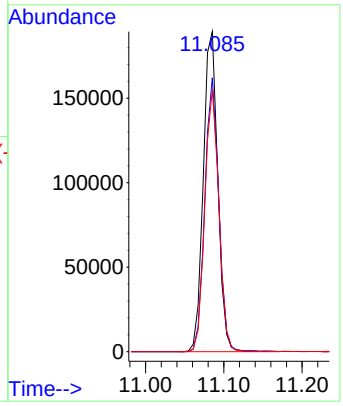


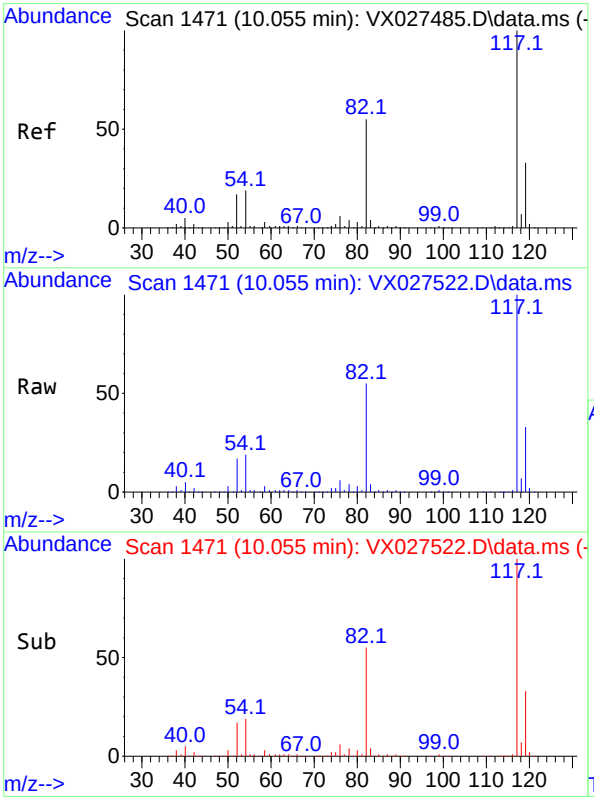
#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 242929

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	163.0
176	79.4	0.0	155.0

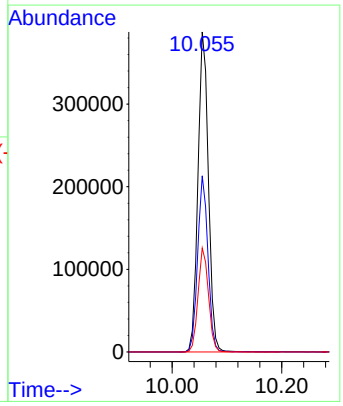


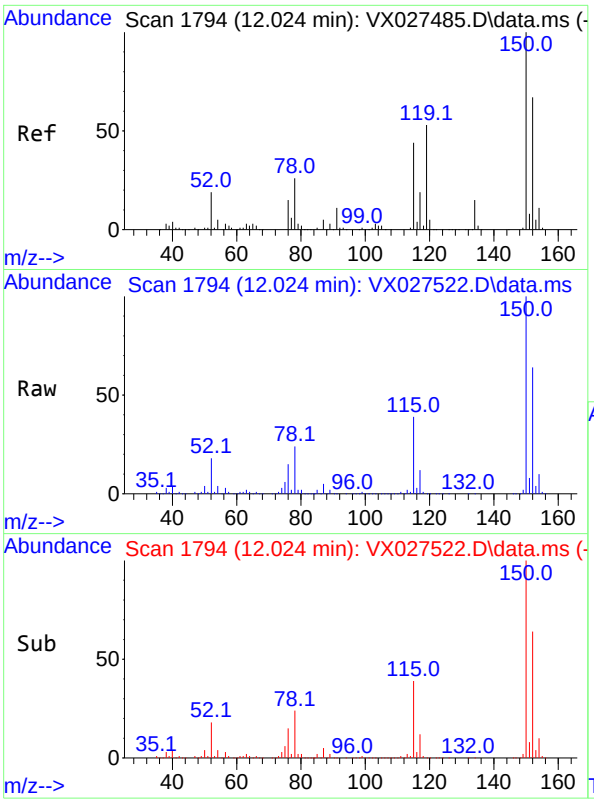


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion:117 Resp: 514390

Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.8	62.8
119	32.5	24.8	37.2



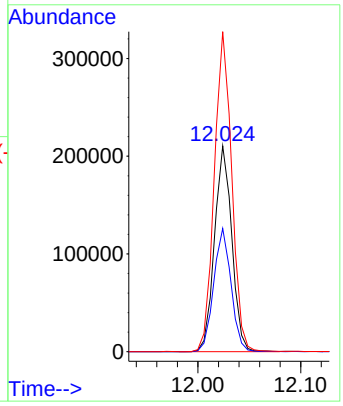


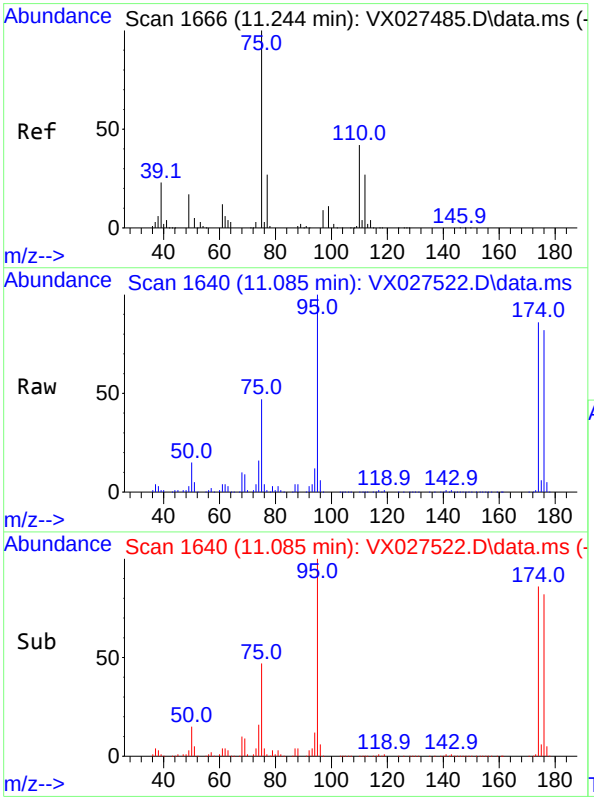
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 245740

Ion	Ratio	Lower	Upper
152	100		
115	59.9	37.5	112.7
150	156.7	0.0	338.2

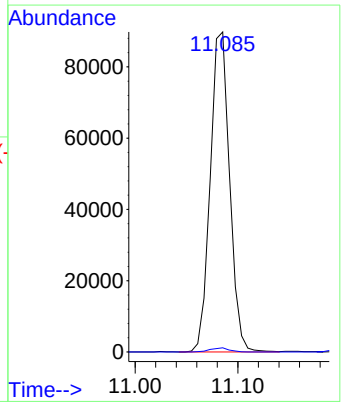


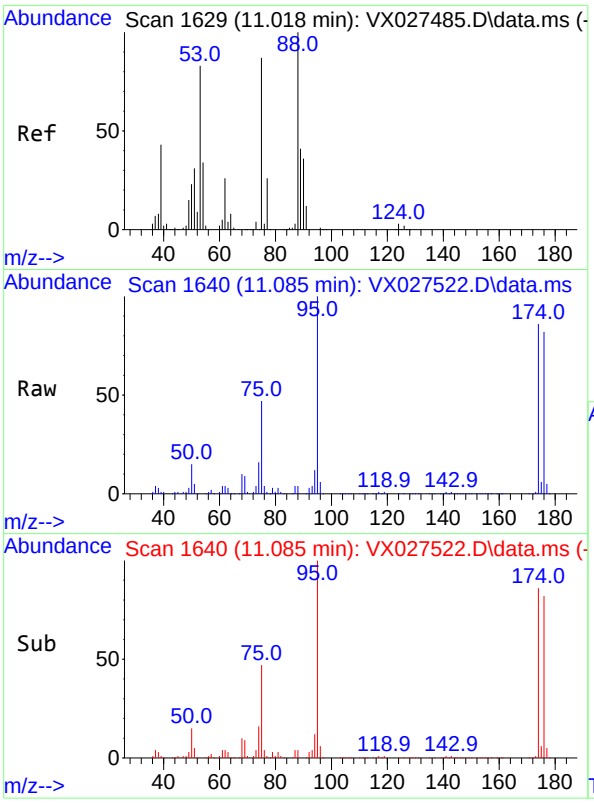


#76
1,2,3-Trichloropropane
Concen: 22.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 75 Resp: 117531

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.4	58.2#



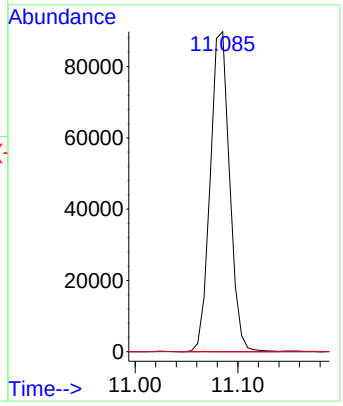


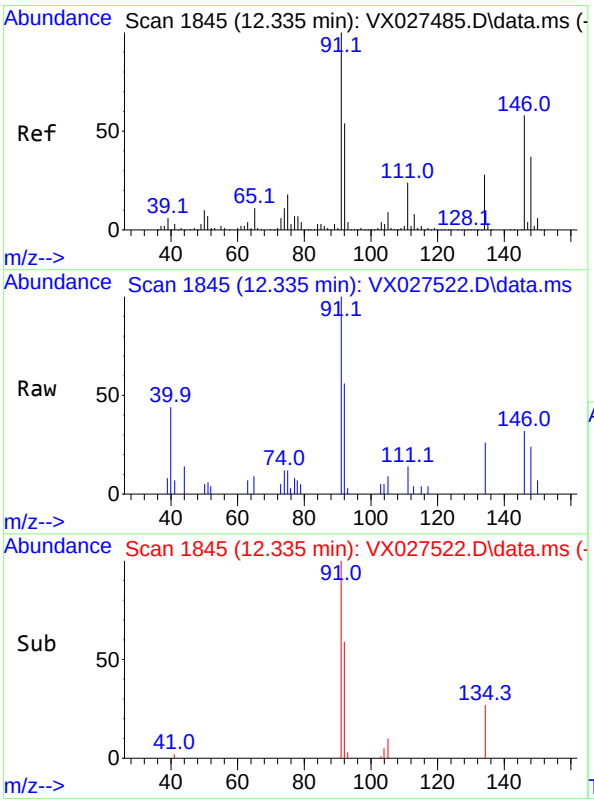
#81
trans-1,4-Dichloro-2-butene
Concen: 69.444 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 117531

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.0	103.4#
89	0.0	37.0	55.6#

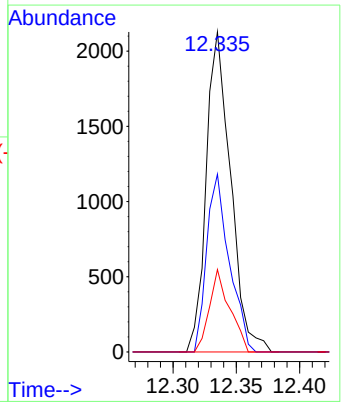


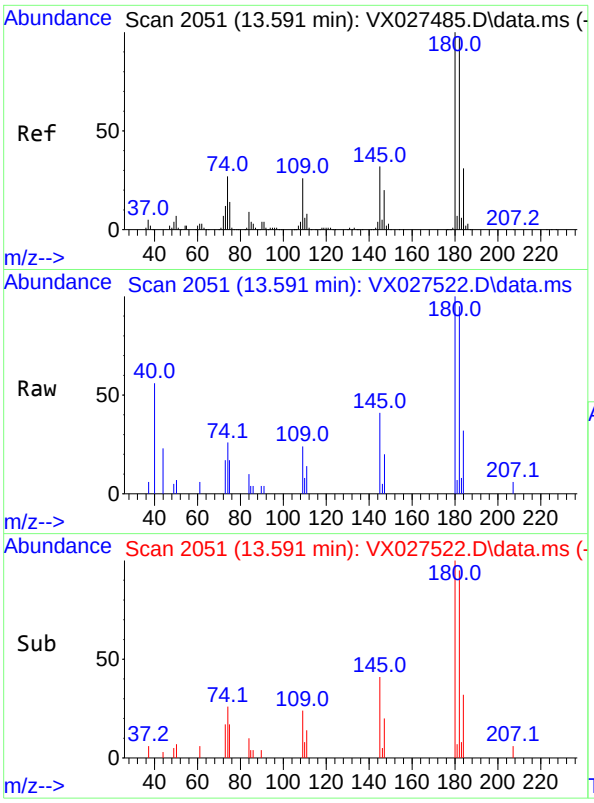


#89
n-Butylbenzene
Concen: 0.221 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion: 91 Resp: 2857

Ion	Ratio	Lower	Upper
91	100		
92	51.5	27.8	83.3
134	21.5	13.3	39.8



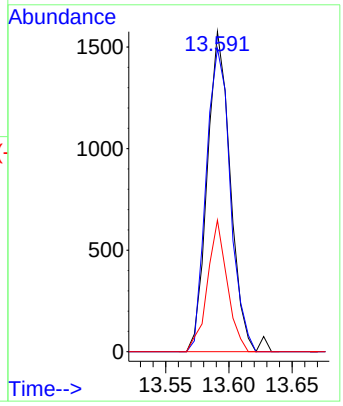


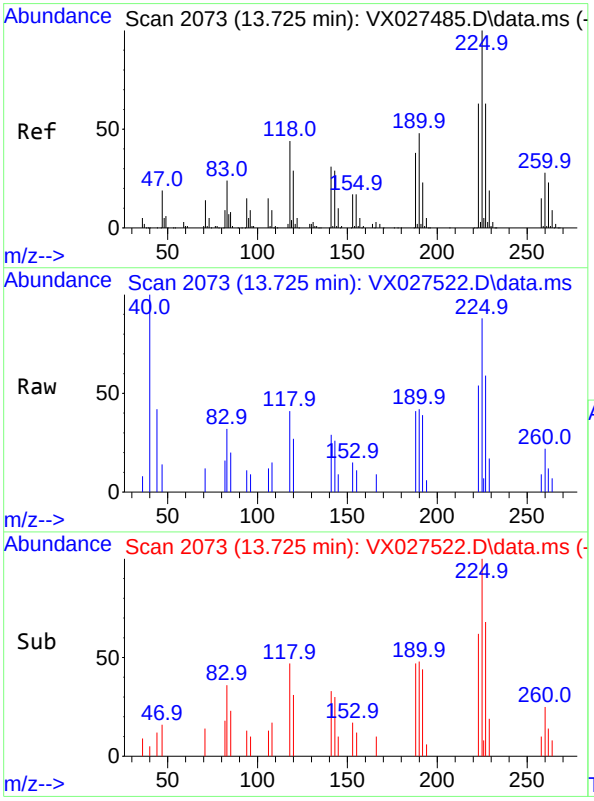
#93
1,2,4-Trichlorobenzene
Concen: 0.384 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2011

Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.7	143.1
145	35.1	15.2	45.5

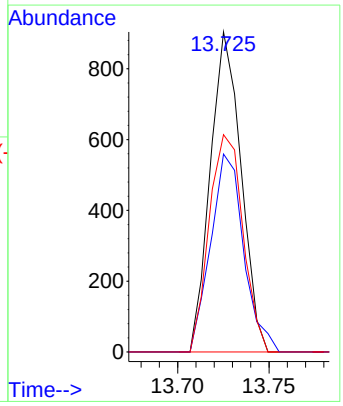


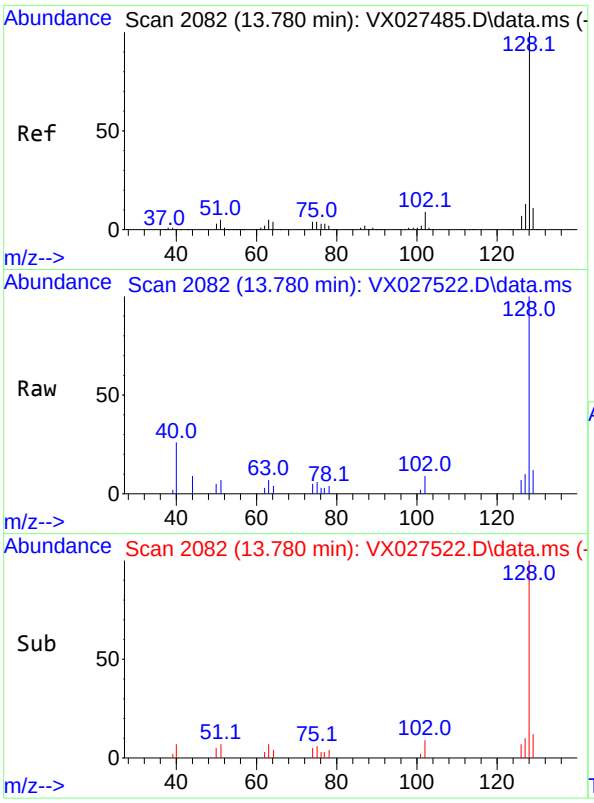


#94
Hexachlorobutadiene
Concen: 0.459 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion:225 Resp: 1060

Ion	Ratio	Lower	Upper
225	100		
223	66.4	34.2	102.5
227	74.3	33.9	101.7



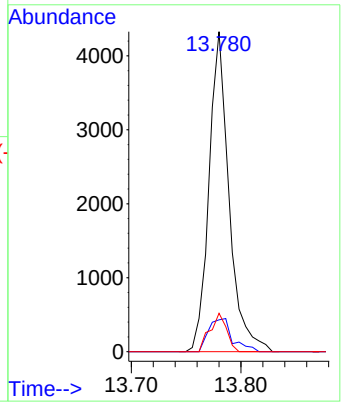


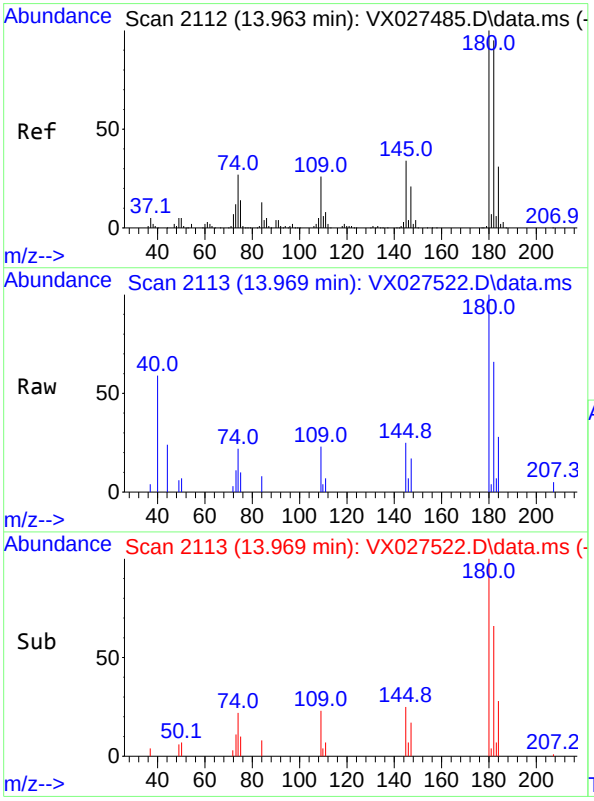
#95
Naphthalene
Concen: 0.322 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 5492

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.381 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX027522.D
Acq: 18 Mar 2022 12:57

Tgt Ion:180 Resp: 2014

Ion	Ratio	Lower	Upper
180	100		
182	87.4	50.0	149.8
145	31.3	16.2	48.5