Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120920\
Data File : VX019800.D
Acq On : 10 Dec 2020 01:05
Operator : JC/MD
Sample : L4993-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-5031-120720

Quant Time: Dec 10 06:44:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	545629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	492878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	206606	47.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.66%			
35) Dibromofluoromethane	5.46	113	166676	47.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.54%			
50) Toluene-d8	8.70	98	655437	48.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.38%			
62) 4-Bromofluorobenzene	11.12	95	232158	45.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	1472	0.484	ug/l	89
4) Vinyl Chloride	1.39	62	17891	4.744	ug/l	98
5) Bromomethane	1.63	94	1061	0.847	ug/l	96
10) Methyl Iodide	2.50	142	1841	0.415	ug/l	94
11) Tert butyl alcohol	3.00	59	681	Below Cal	#	73
13) Acrolein	2.28	56	103	0.214	ug/l #	14
16) Acetone	2.42	43	1556	0.948	ug/l #	80
18) Methyl Acetate	2.74	43	827	0.206	ug/l #	74
20) Methylene Chloride	2.83	84	336	Below Cal	#	72
21) trans-1,2-Dichloroethene	3.14	96	1839	0.518	ug/l	90
27) cis-1,2-Dichloroethene	4.56	96	33199	7.996	ug/l	88
29) Tetrahydrofuran	5.10	42	452	0.278	ug/l #	37
31) Cyclohexane	5.62	56	6445	1.187	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24276	4.924	ug/l #	49
38) Carbon Tetrachloride	5.62	117	32547	6.741	ug/l #	16
44) Trichloroethene	7.19	130	5065	1.282	ug/l	99
49) 1,4-Dioxane	7.73	88	20	0.207	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	112524	22.979	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	112524	66.429	ug/l #	12

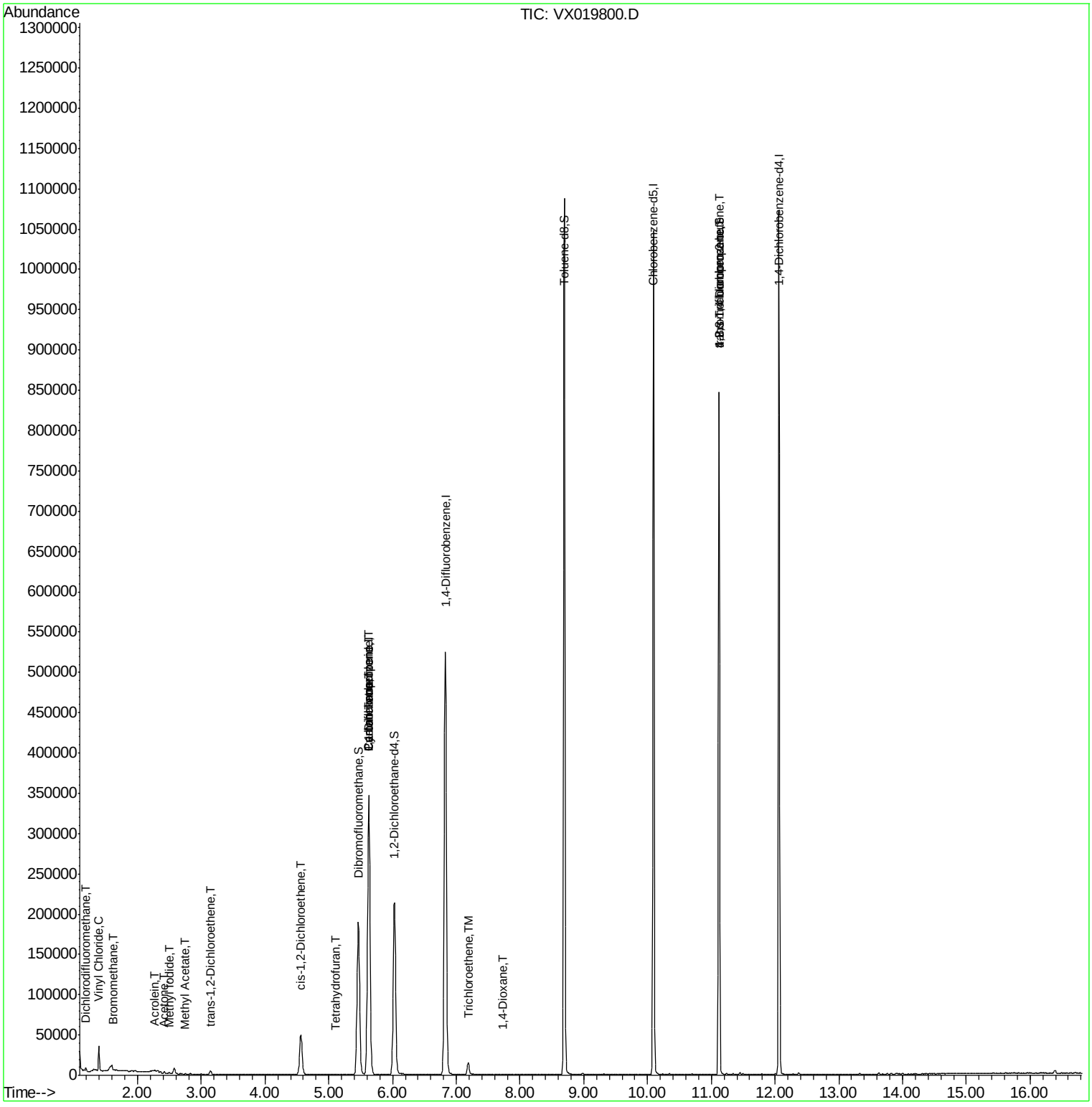
(#) = qualifier out of range (m) = manual integration (+) = signals summed

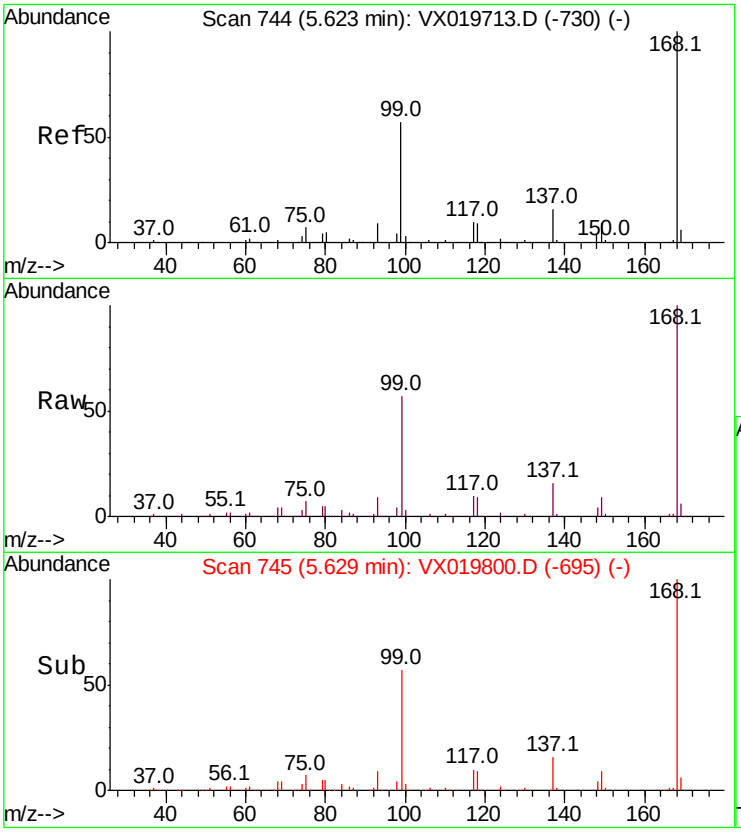
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120920\
Data File : VX019800.D
Acq On : 10 Dec 2020 01:05
Operator : JC/MD
Sample : L4993-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Quant Time: Dec 10 06:44:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



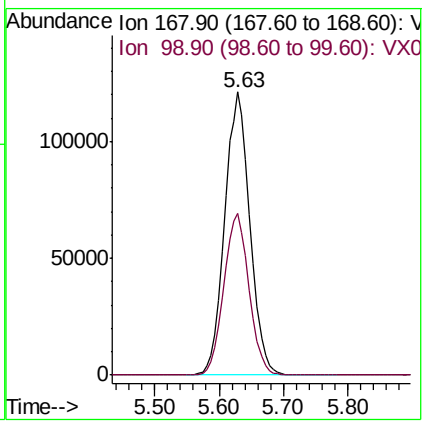


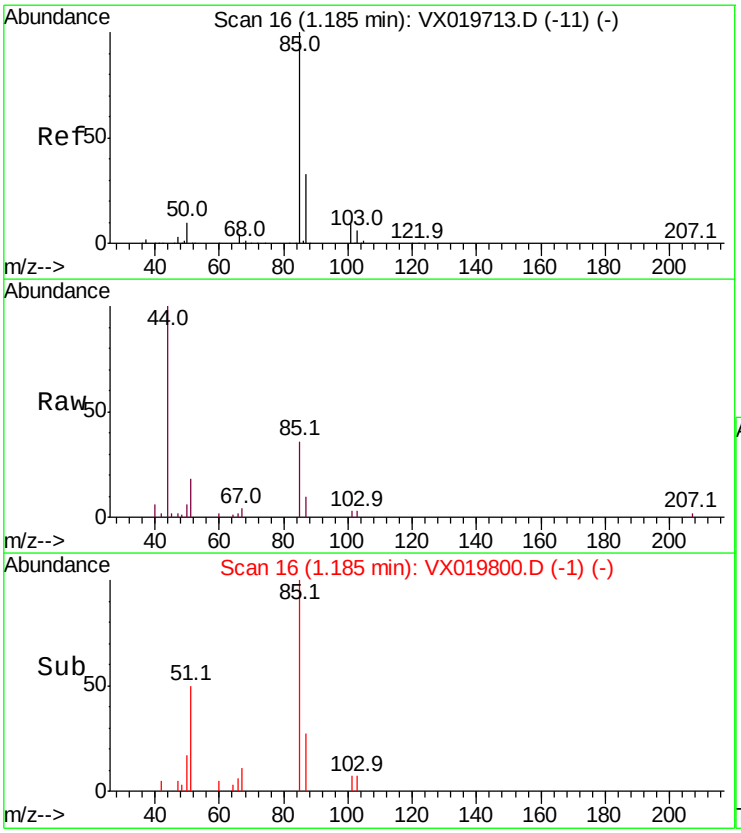
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion:168 Resp: 332149

Ion	Ratio	Lower	Upper
168	100		
99	57.4	45.8	68.6

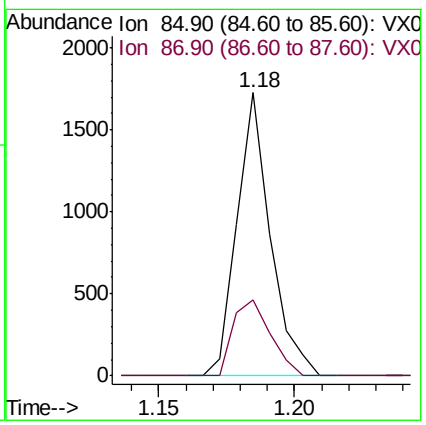


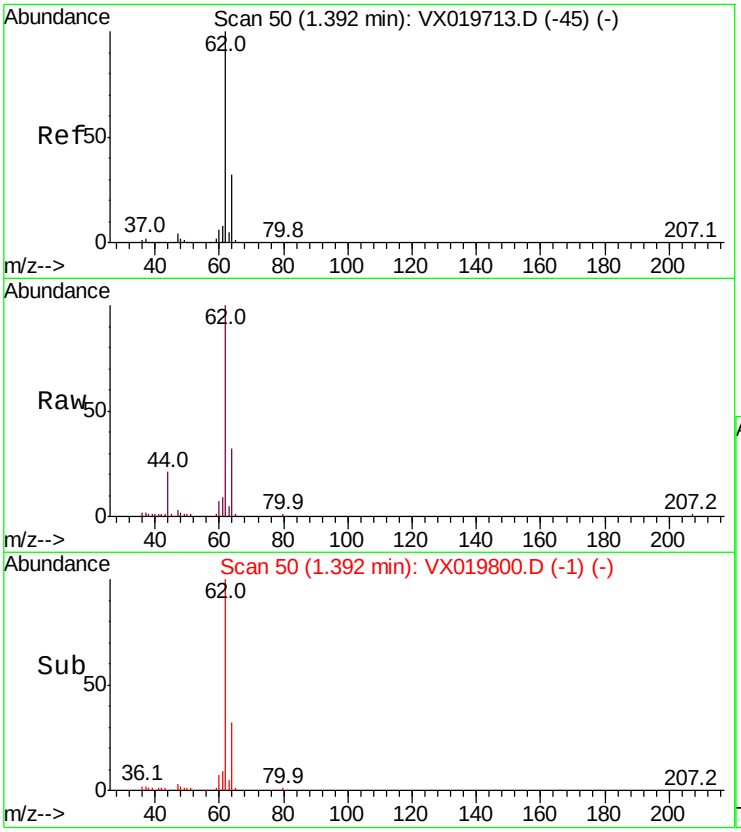


#2
Dichlorodifluoromethane
Concen: 0.484 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 85 Resp: 1472

Ion	Ratio	Lower	Upper
85	100		
87	26.7	16.4	49.2



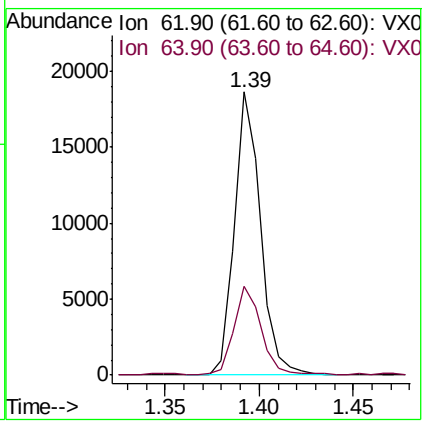


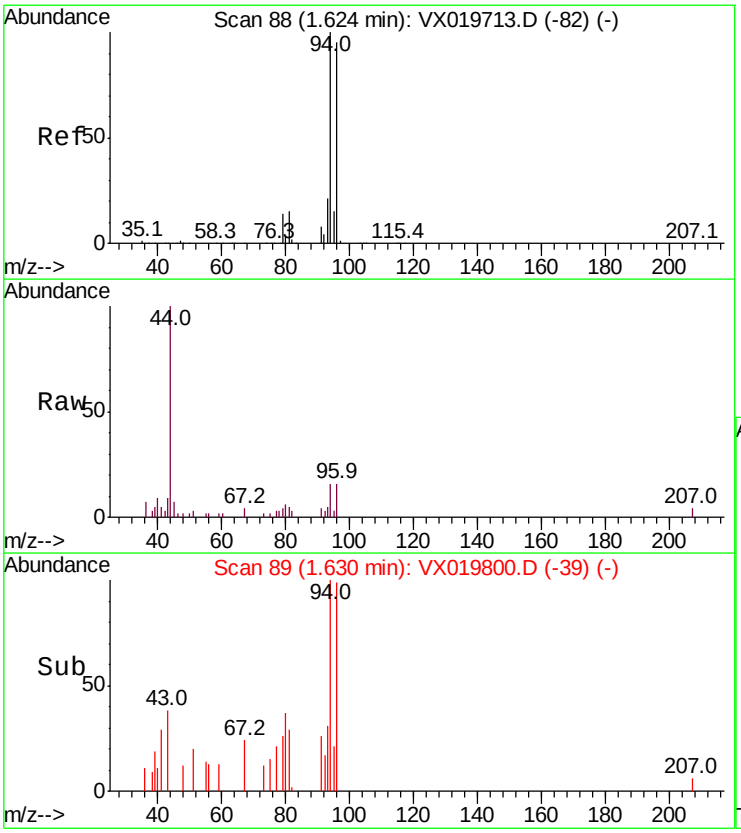
#4
Vinyl Chloride
Concen: 4.744 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 62 Resp: 17891

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.7	38.5

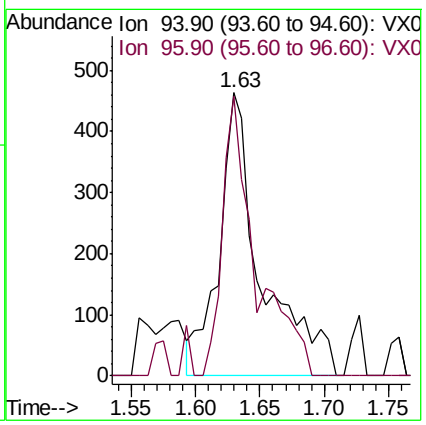


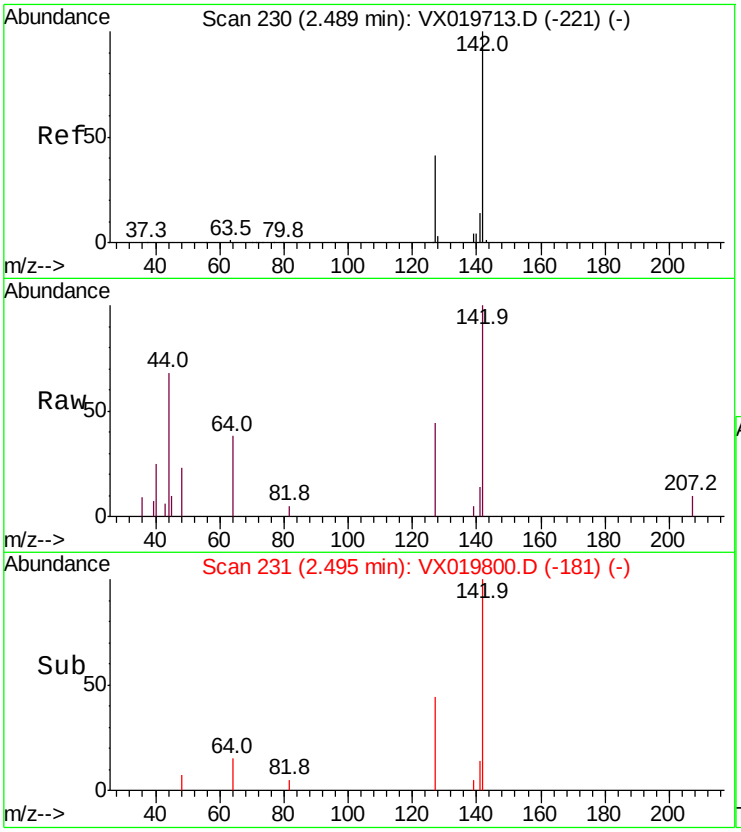


#5
Bromomethane
Concen: 0.847 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 94 Resp: 1061

Ion	Ratio	Lower	Upper
94	100		
96	98.9	76.4	114.6



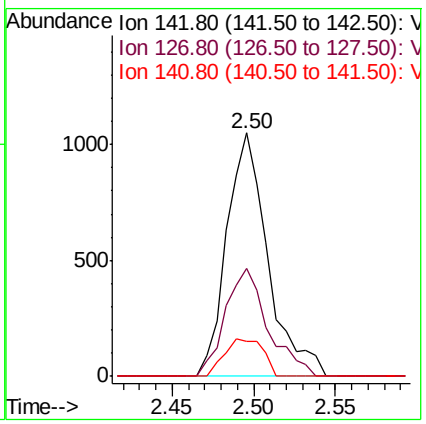


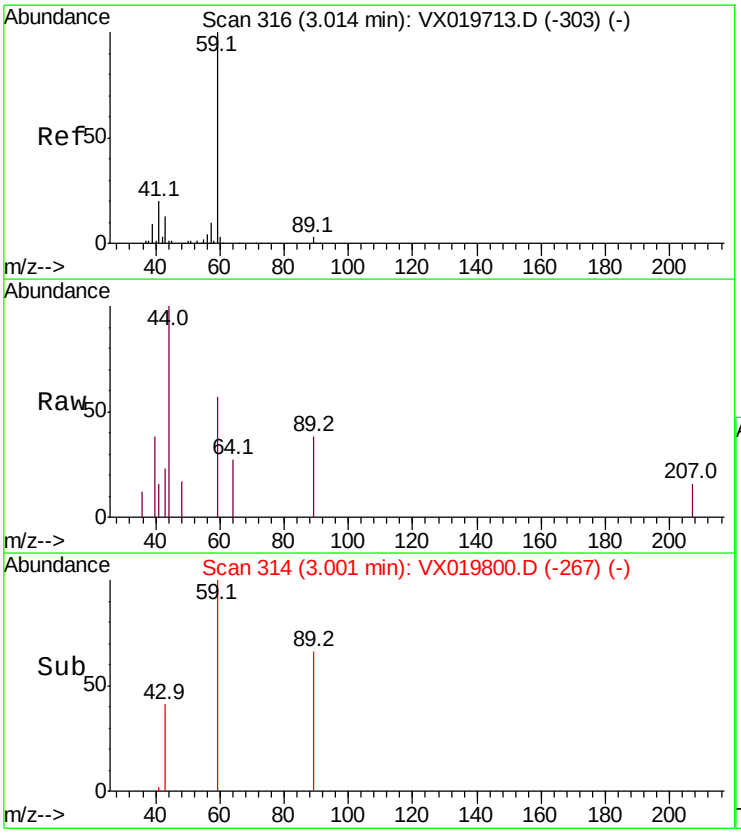
#10
Methyl Iodide
Concen: 0.415 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument : MSVOA_X
ClientSampleId : TU032-32-5031-120720

Tgt Ion:142 Resp: 1841

Ion	Ratio	Lower	Upper
142	100		
127	46.1	33.3	49.9
141	14.4	11.4	17.0

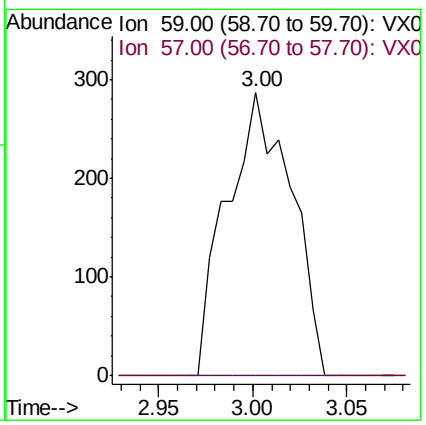


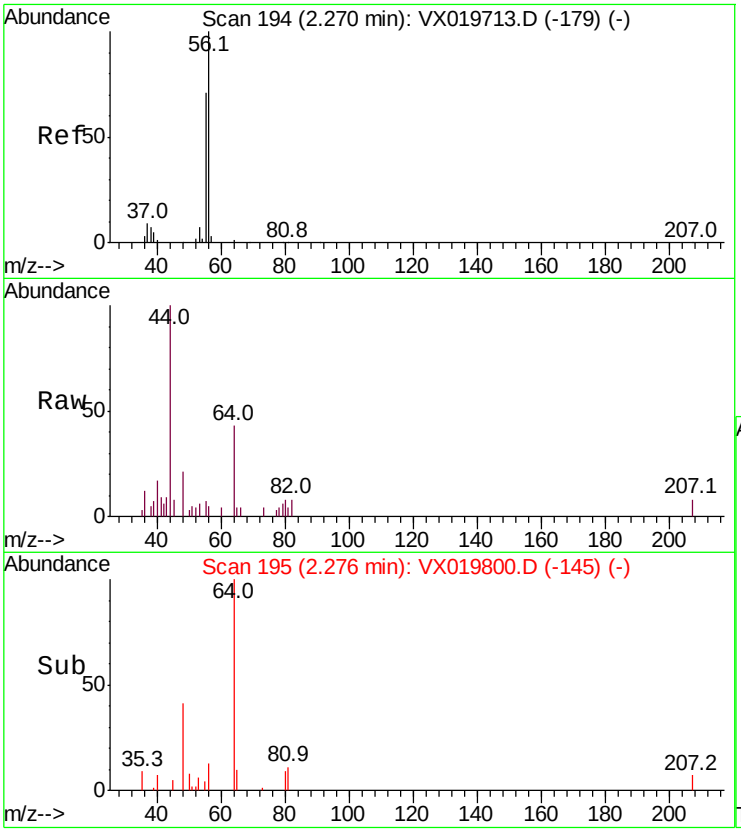


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 59 Resp: 681

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



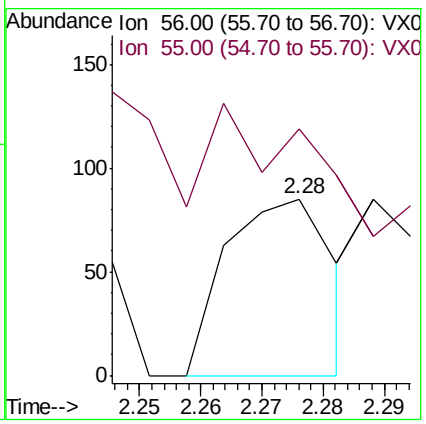


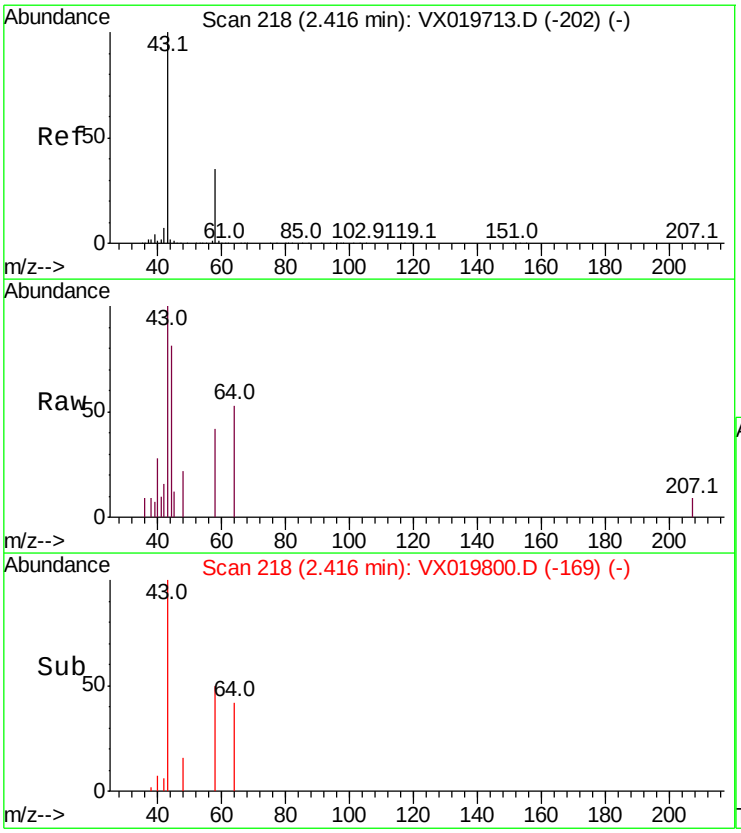
#13
Acrolein
Concen: 0.214 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 56 Resp: 103

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.4	84.6#

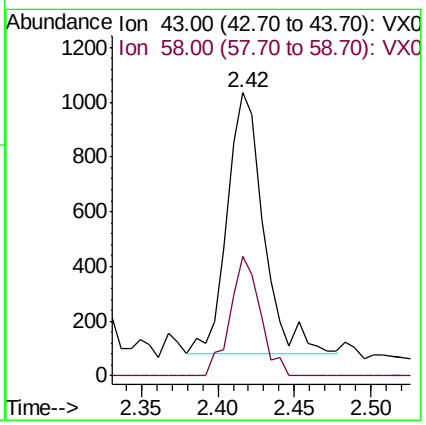


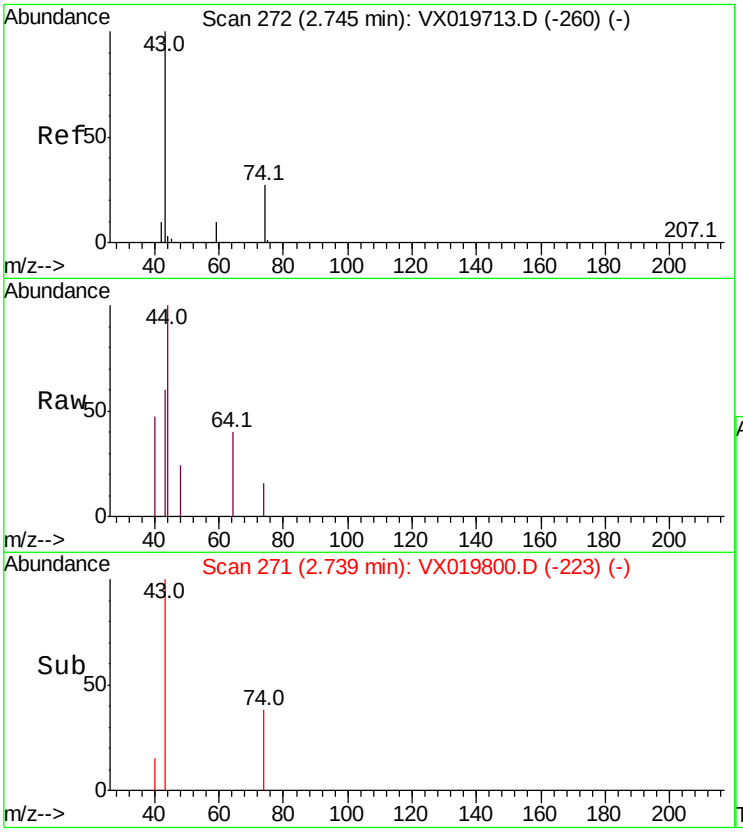


#16
Acetone
Concen: 0.948 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 43 Resp: 1556

Ion	Ratio	Lower	Upper
43	100		
58	46.2	27.8	41.8#



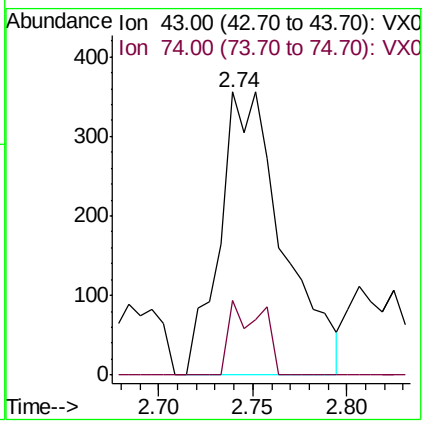


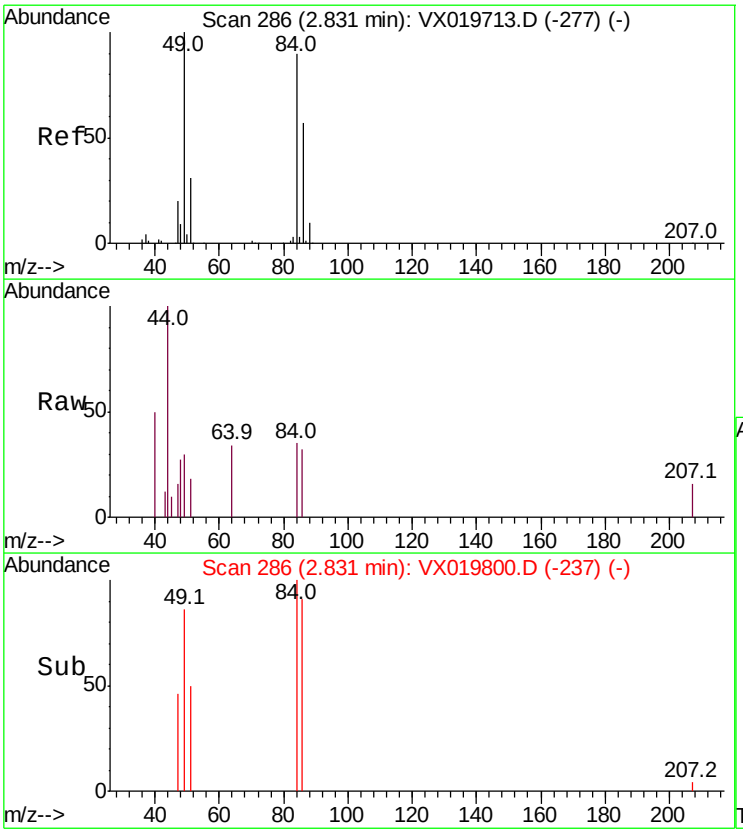
#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 43 Resp: 827

Ion	Ratio	Lower	Upper
43	100		
74	13.7	21.9	32.9#

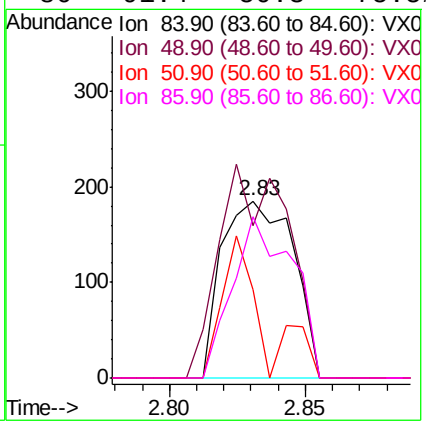


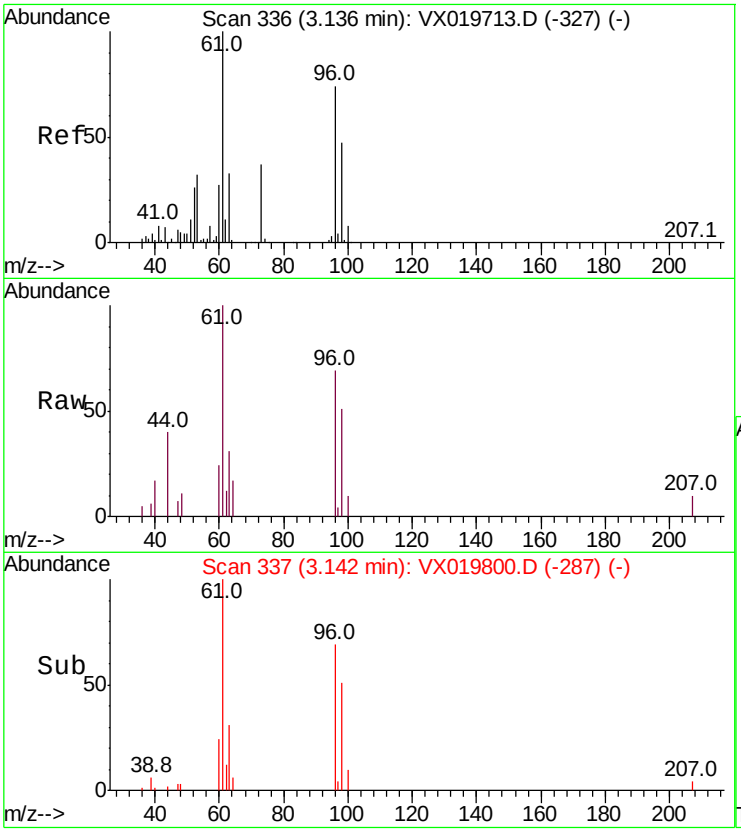


#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 84 Resp: 336

Ion	Ratio	Lower	Upper
84	100		
49	85.9	88.6	132.8#
51	50.3	27.0	40.6#
86	91.4	50.3	75.5#



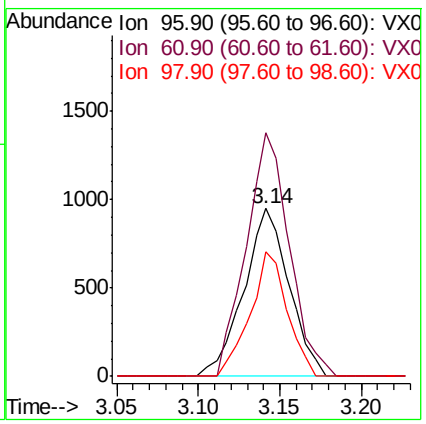


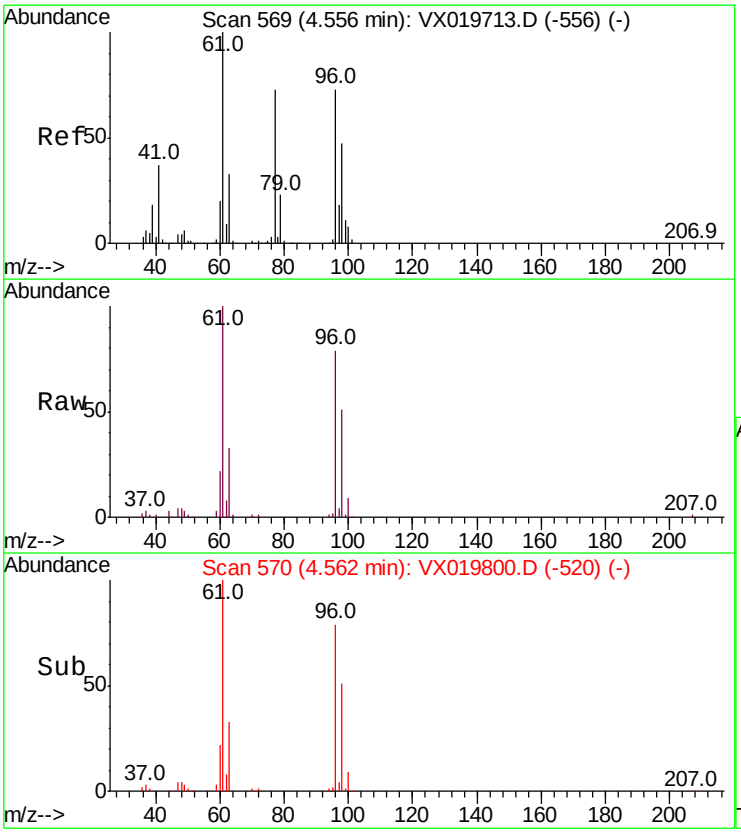
#21
trans-1,2-Dichloroethene
Concen: 0.518 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 96 Resp: 1839

Ion	Ratio	Lower	Upper
96	100		
61	144.9	107.7	161.5
98	74.1	50.4	75.6

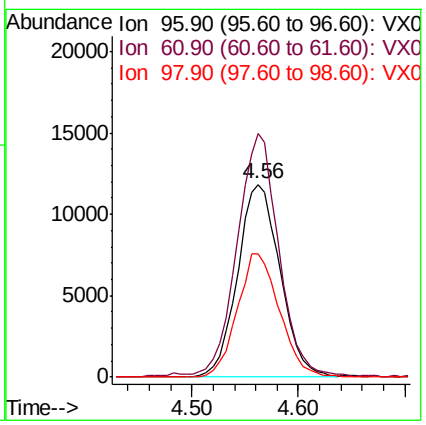


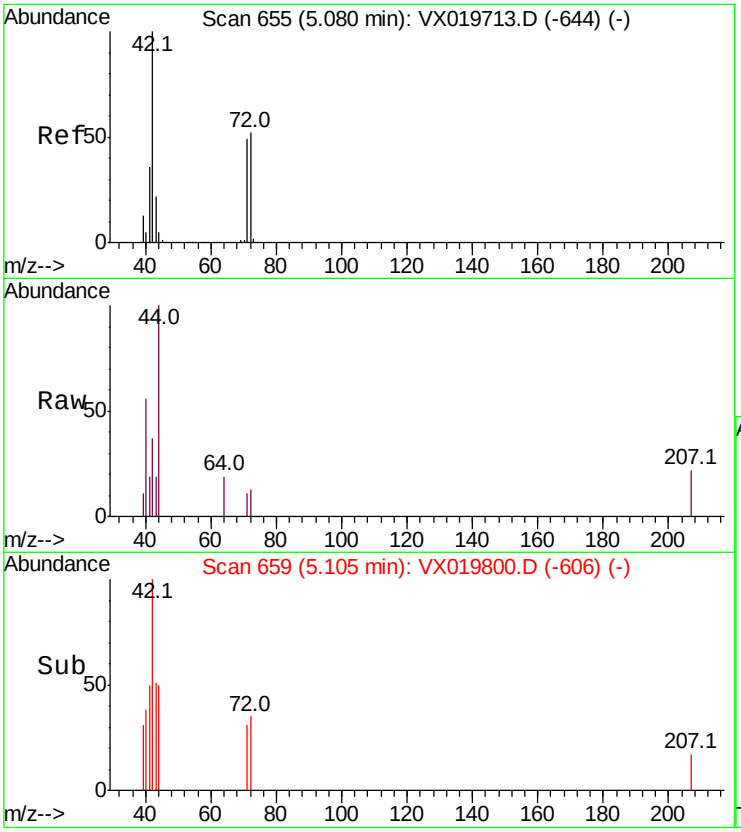


#27
cis-1,2-Dichloroethene
Concen: 7.996 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 96 Resp: 33199

Ion	Ratio	Lower	Upper
96	100		
61	122.6	0.0	285.6
98	63.4	0.0	129.6



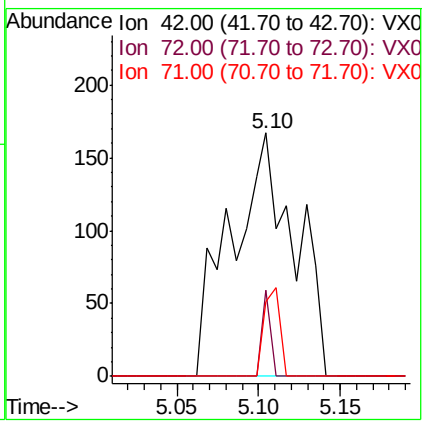


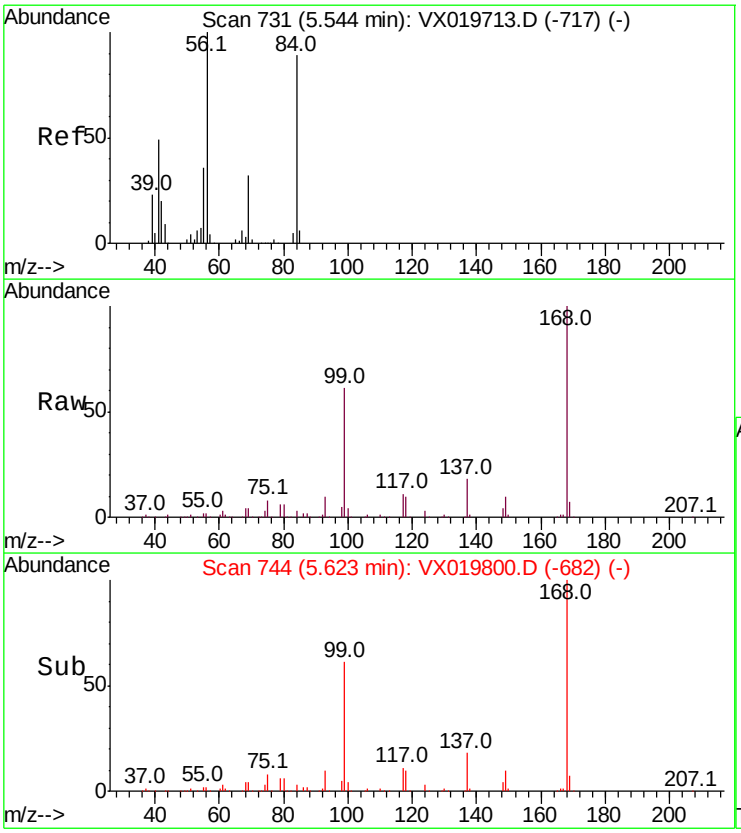
#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 42 Resp: 452

Ion	Ratio	Lower	Upper
42	100		
72	4.9	41.7	62.5#
71	9.1	38.4	57.6#

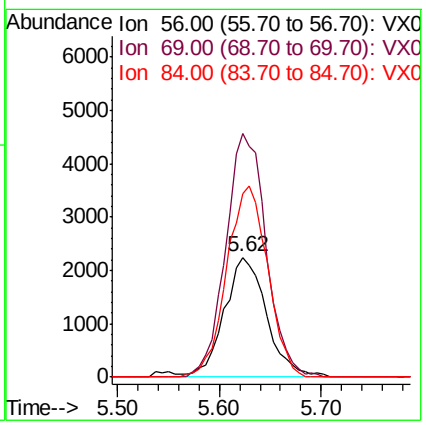


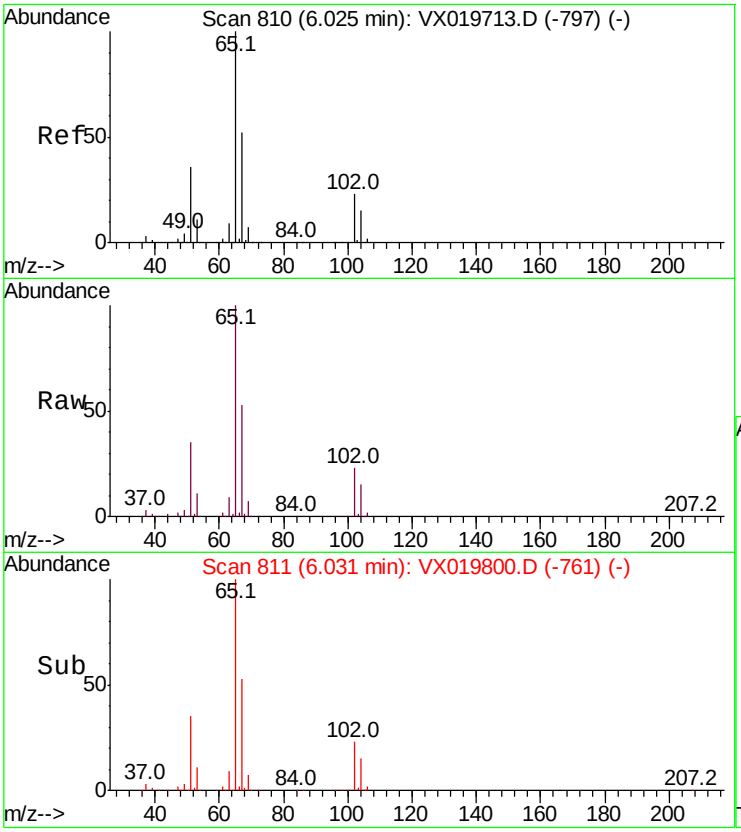


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 56 Resp: 6445

Ion	Ratio	Lower	Upper
56	100		
69	203.1	25.3	37.9#
84	153.1	71.4	107.0#



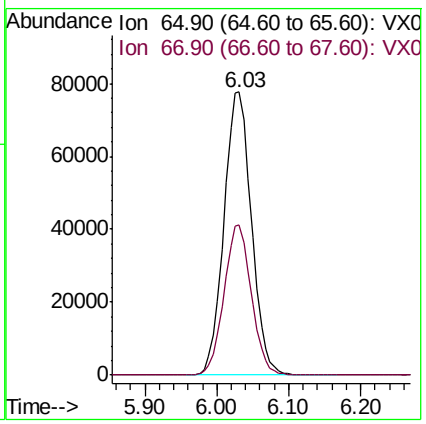


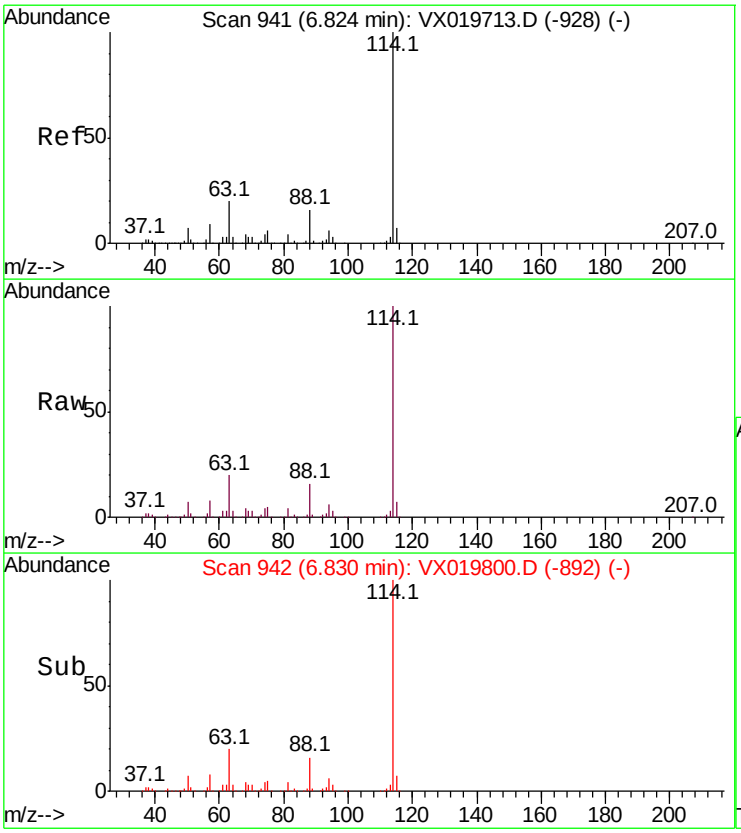
#33
1,2-Dichloroethane-d4
Concen: 47.328 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 65 Resp: 206606

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

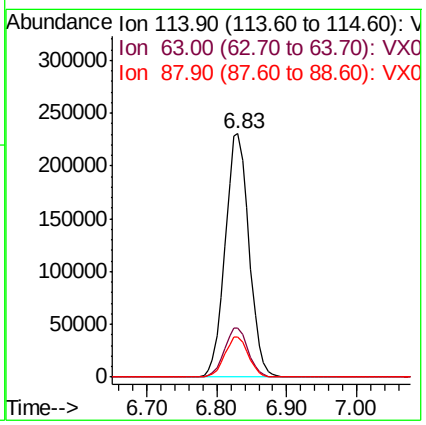


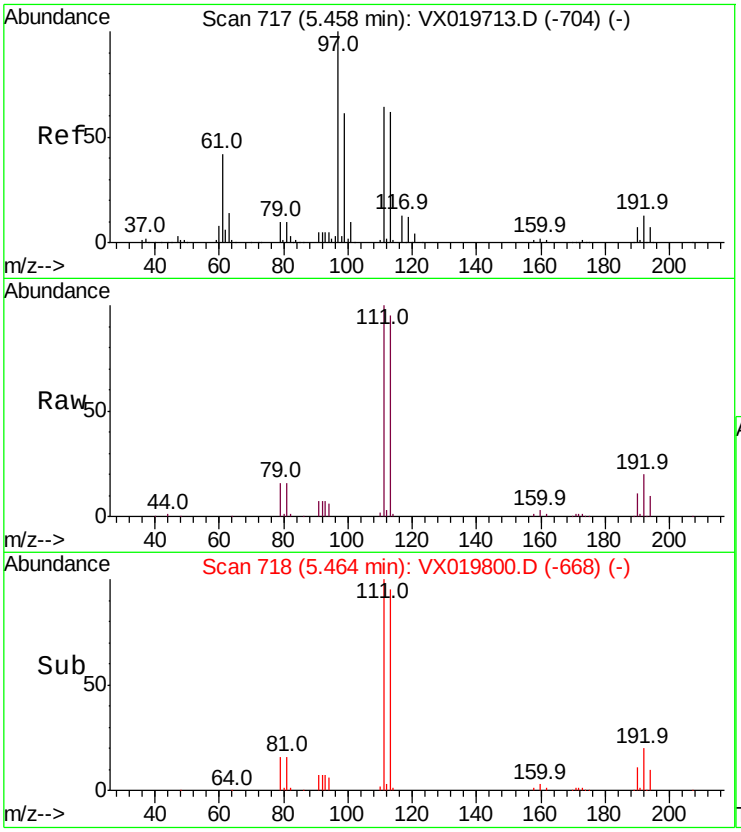


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion:114 Resp: 545629

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.3	0.0	32.8



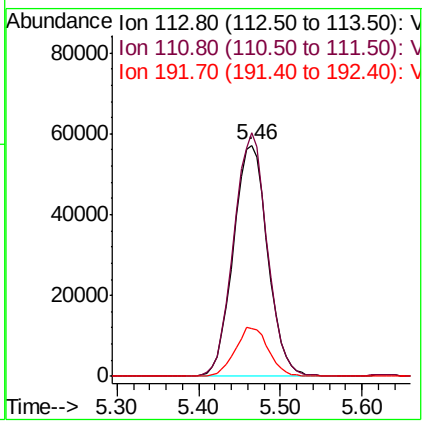


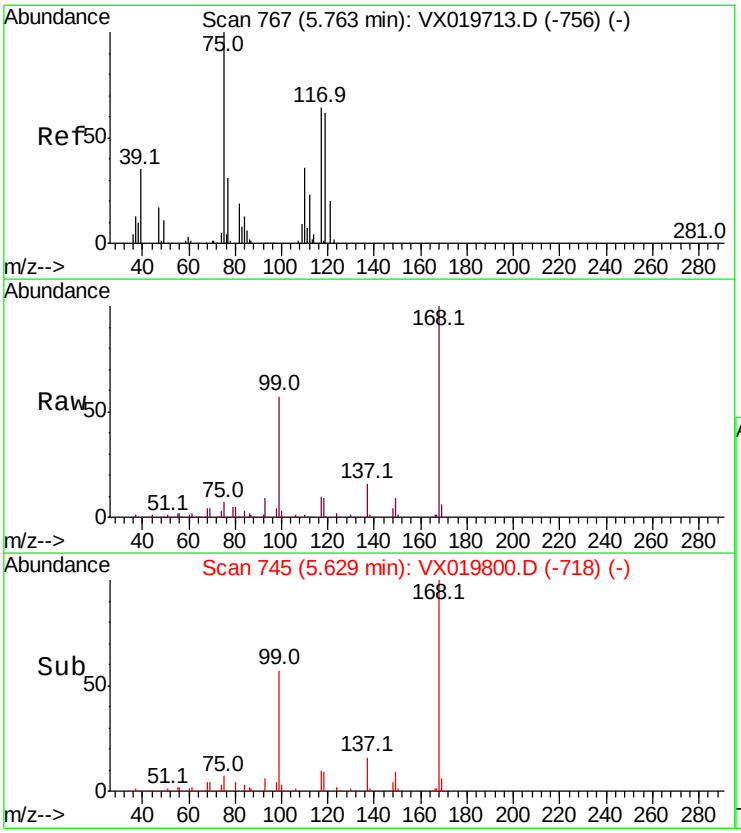
#35
Dibromofluoromethane
Concen: 47.266 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion:113 Resp: 166676

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.7	16.7	25.1

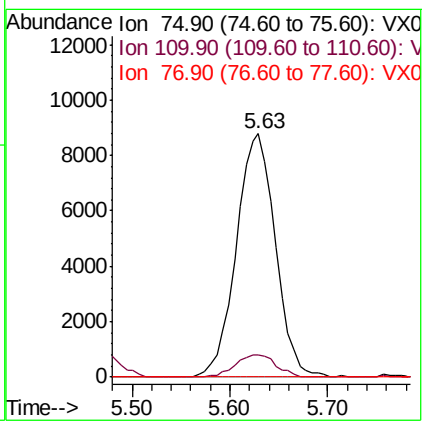


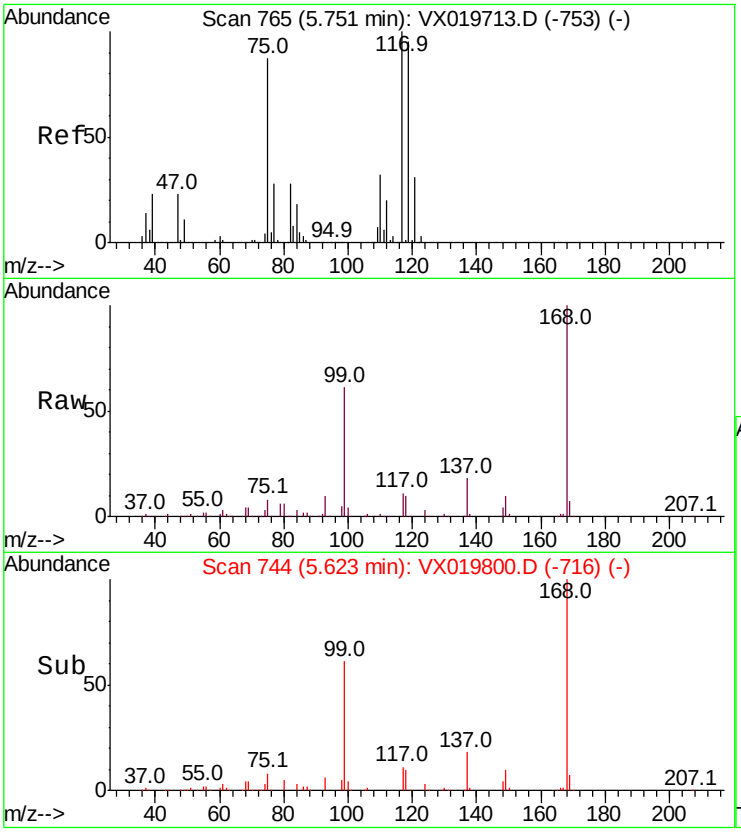


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 75 Resp: 24276

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#



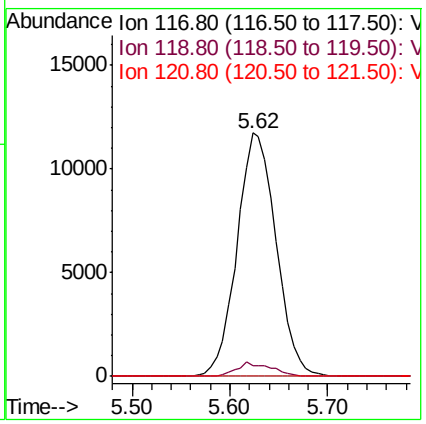


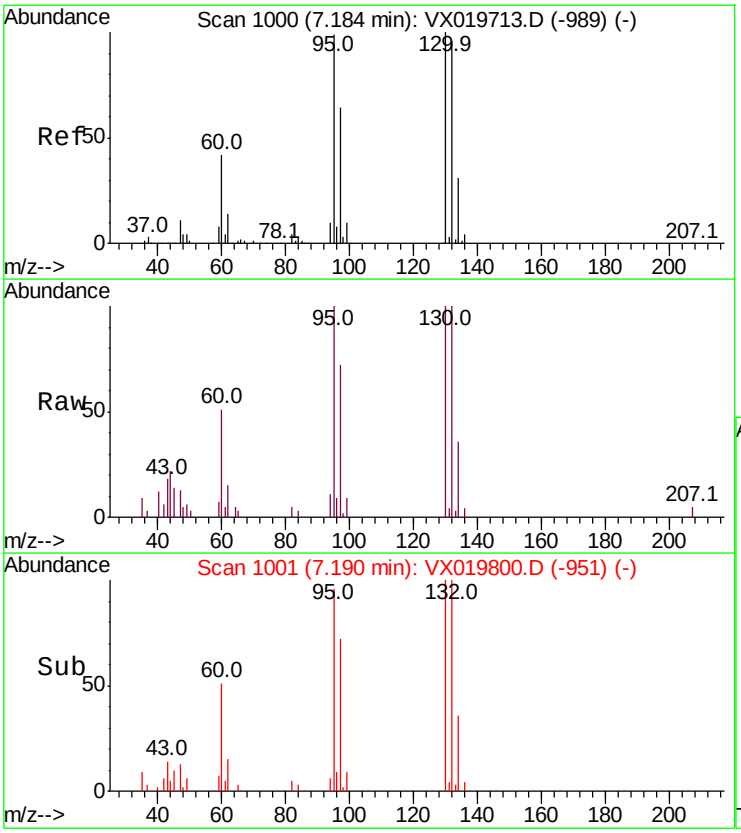
#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion:117 Resp: 32547

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.2	114.2#
121	0.0	24.8	37.2#

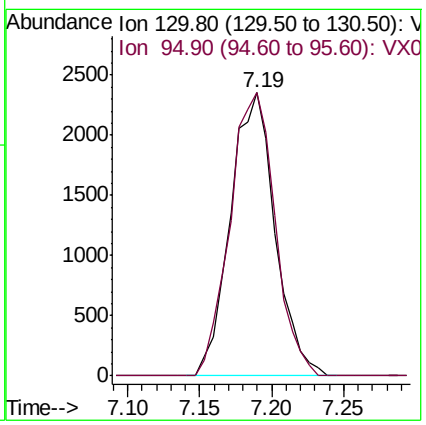


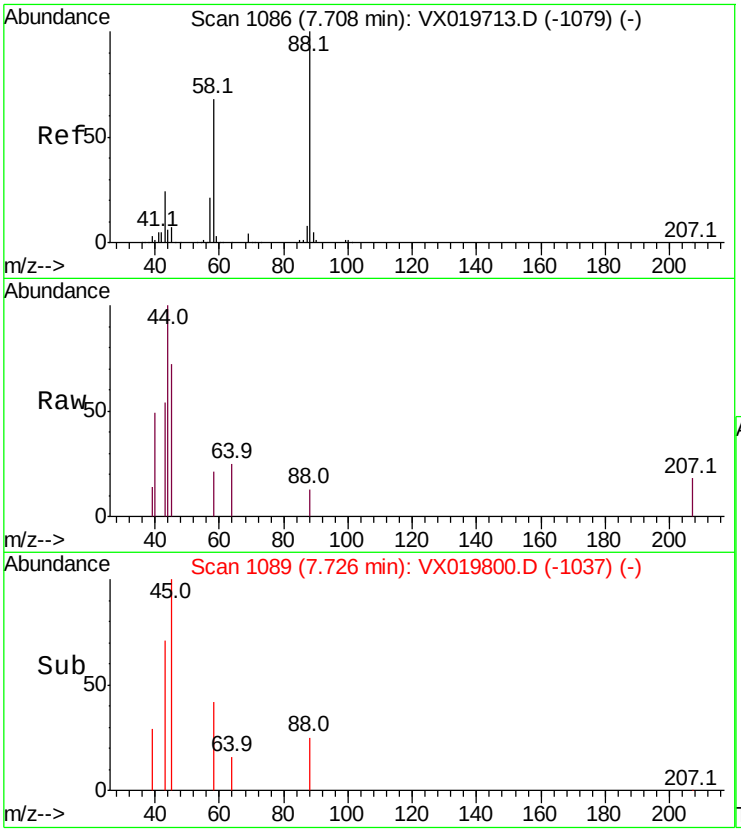


#44
Trichloroethene
Concen: 1.282 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion:130 Resp: 5065

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	198.0



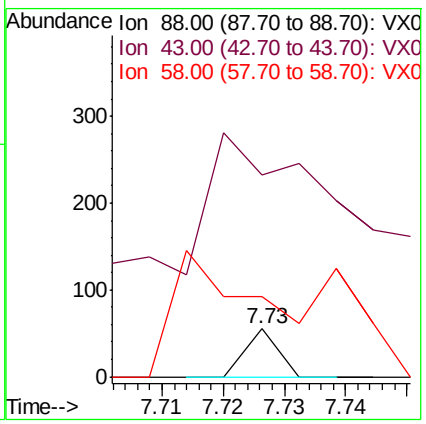


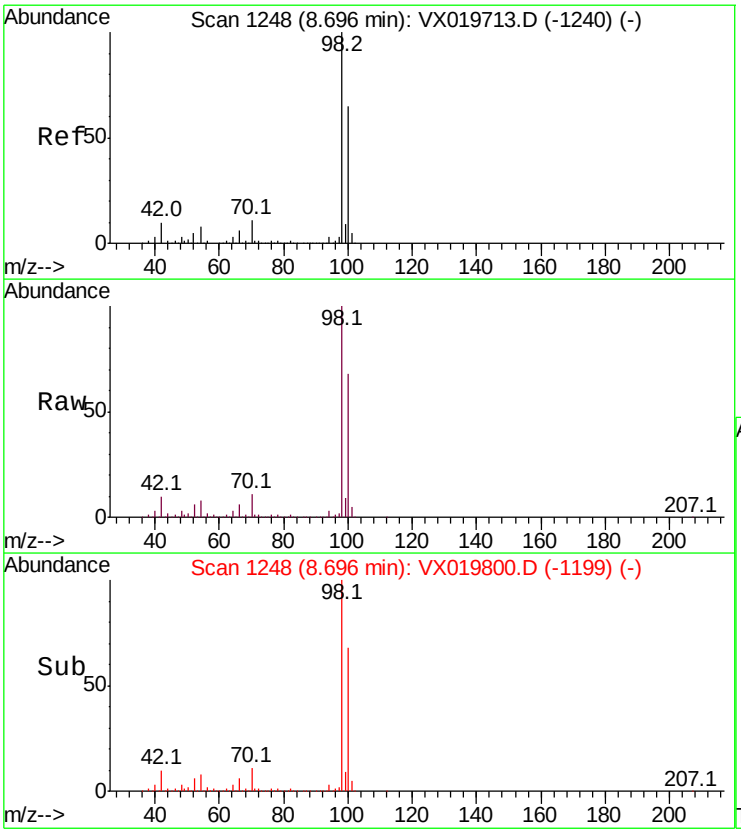
#49
1,4-Dioxane
Concen: 0.207 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.02 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	3870.0	23.2	34.8#
58	1055.0	55.0	82.4#

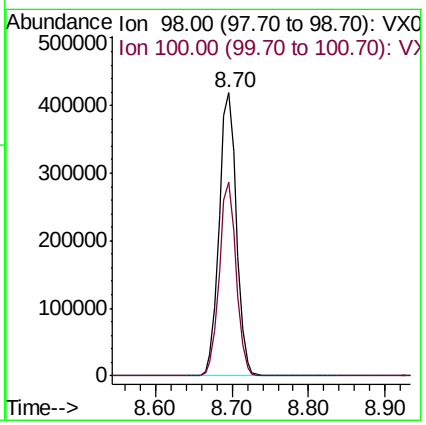


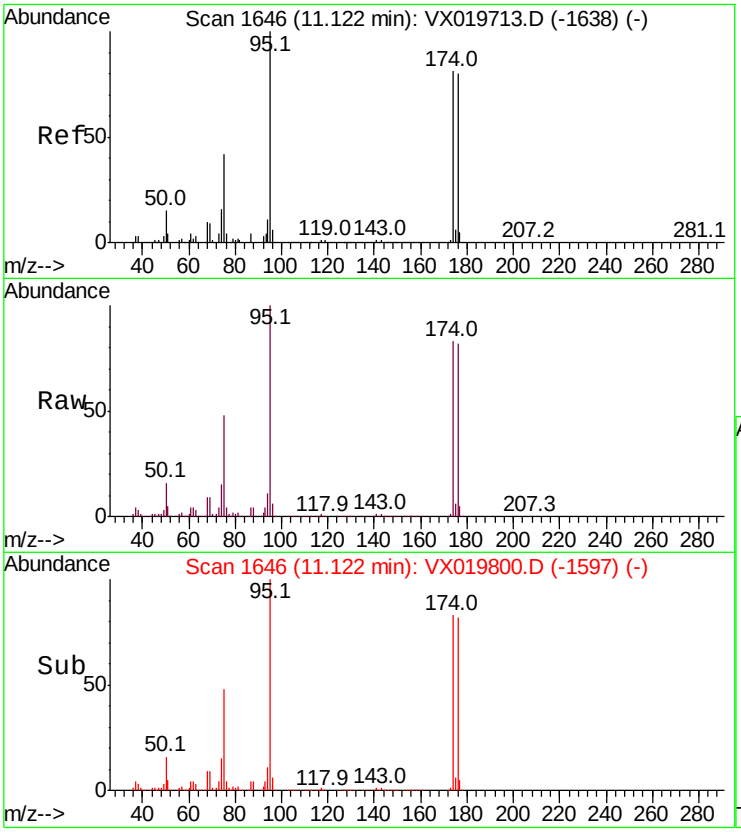


#50
Toluene-d8
Concen: 48.686 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 98 Resp: 655437

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9



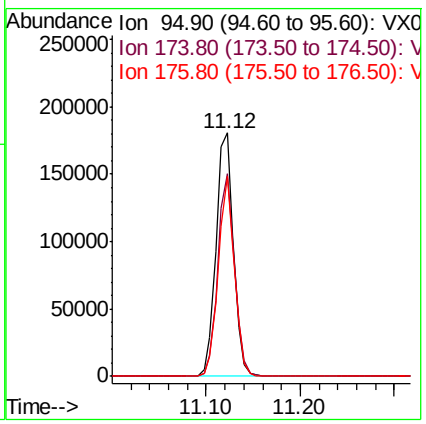


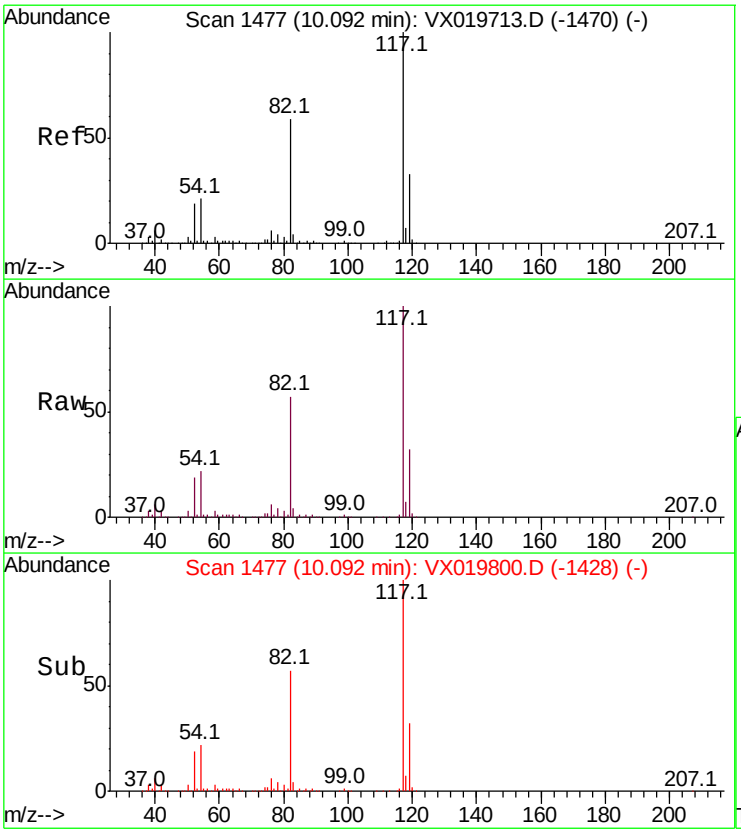
#62
4-Bromofluorobenzene
Concen: 45.308 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 95 Resp: 232158

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	154.6
176	76.0	0.0	155.8

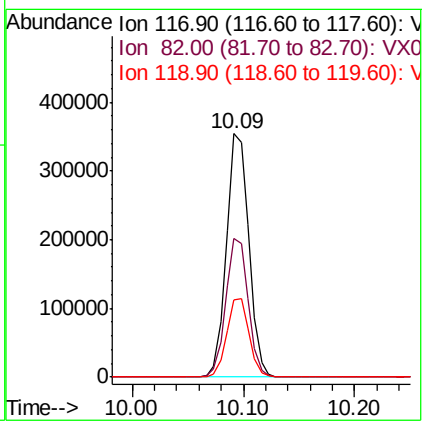


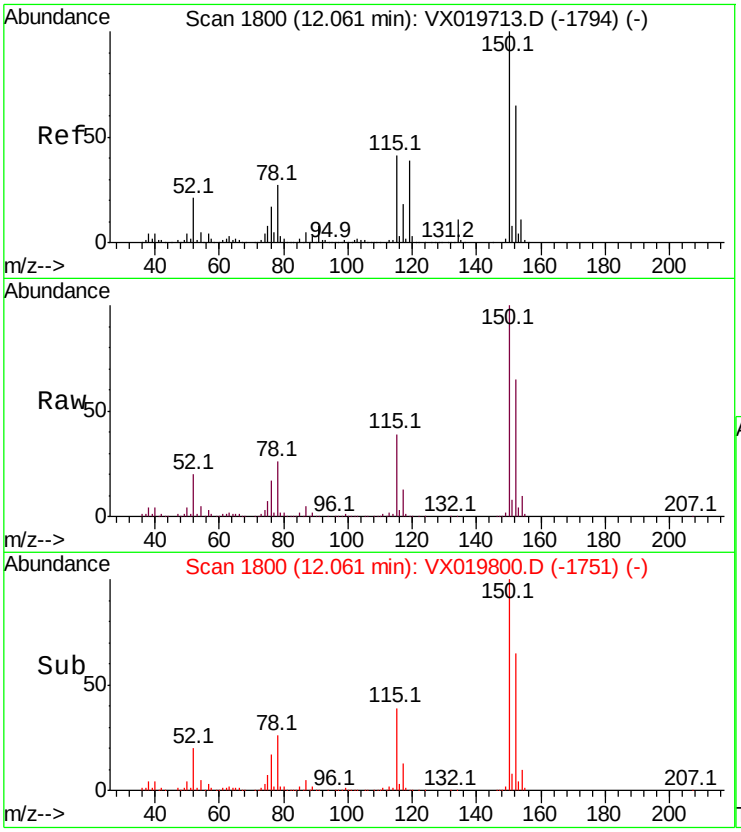


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion:117 Resp: 492878

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	32.0	26.6	39.8



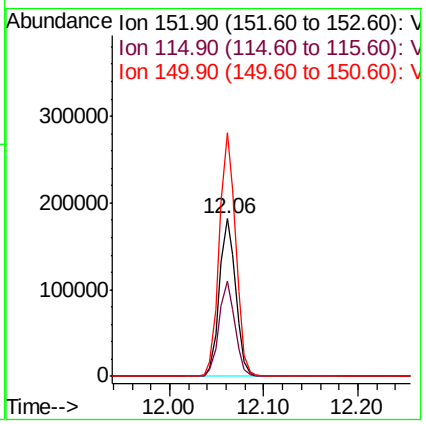


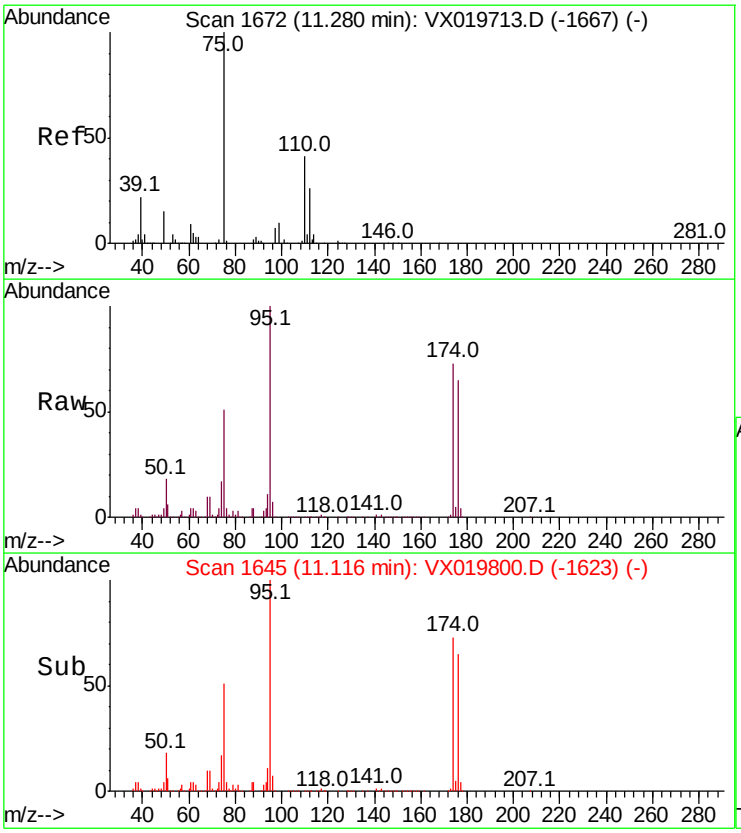
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion:152 Resp: 218330

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.1	123.3
150	155.0	0.0	349.0

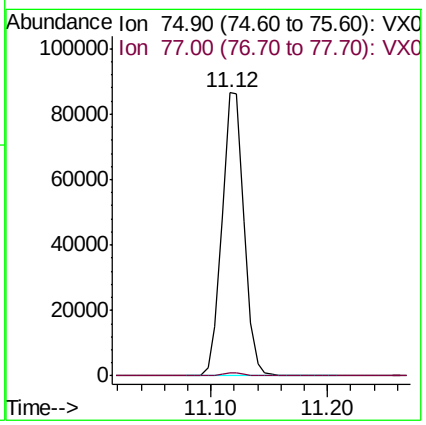


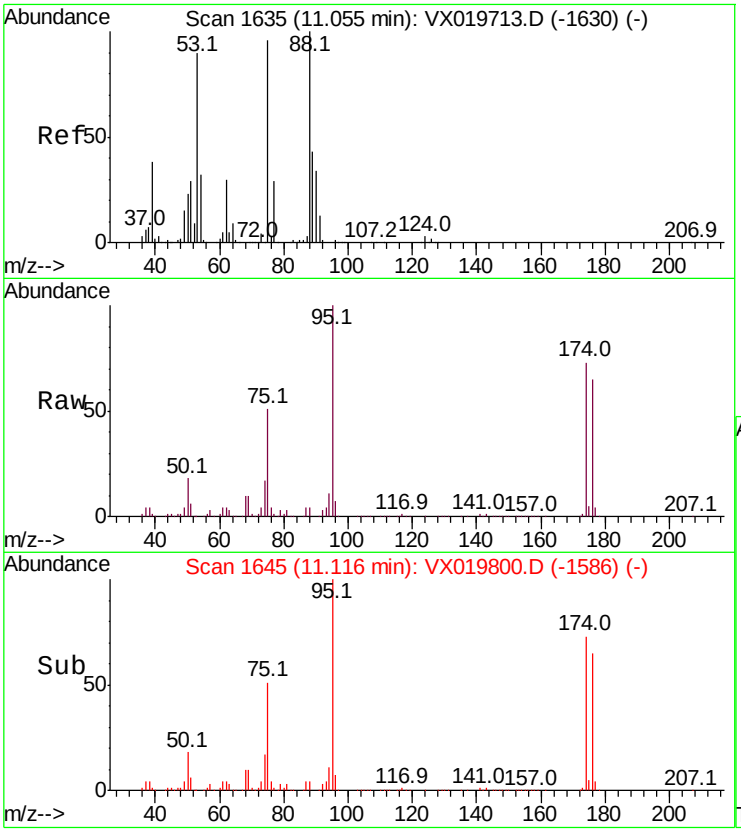


#76
1,2,3-Trichloropropane
Concen: 22.979 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Tgt Ion: 75 Resp: 112524

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.429 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019800.D
Acq: 10 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5031-120720

Tgt Ion: 75 Resp: 112524

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#