Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019571.D
Acq On : 24 Nov 2020 00:02
Operator : JC/MD
Sample : PB133157ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Quant Time: Nov 24 05:16:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	537313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	462167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	196987	46.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.92%			
35) Dibromofluoromethane	5.46	113	158794	47.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.16%			
50) Toluene-d8	8.70	98	625187	47.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.40%			
62) 4-Bromofluorobenzene	11.12	95	215447	45.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.38%			
Target Compounds						Qvalue
3) Chloromethane	1.28	50	1671	0.458	ug/l #	41
5) Bromomethane	1.62	94	444	0.298	ug/l #	61
6) Chloroethane	1.72	64	3053	Below Cal	#	50
11) Tert butyl alcohol	3.00	59	5498	6.853	ug/l #	73
13) Acrolein	2.28	56	192	0.356	ug/l #	5
16) Acetone	2.42	43	11976	7.305	ug/l	98
18) Methyl Acetate	2.75	43	4664	1.780	ug/l	98
20) Methylene Chloride	2.83	84	6920	1.689	ug/l	90
25) 2-Butanone	4.65	43	2270	0.922	ug/l	91
27) cis-1,2-Dichloroethene	4.56	96	1352	0.320	ug/l	92
29) Tetrahydrofuran	5.10	42	1558	0.991	ug/l	91
31) Cyclohexane	5.62	56	6272	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24115	4.787	ug/l #	50
38) Carbon Tetrachloride	5.63	117	31944	6.552	ug/l #	16
43) Isopropyl Acetate	6.42	43	79290	9.974	ug/l	99
44) Trichloroethene	7.18	130	6847	1.689	ug/l	92
48) Methyl methacrylate	7.65	41	4451	1.196	ug/l #	9
49) 1,4-Dioxane	7.85	88	241	2.851	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	79325	17.112	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	40919	6.747	ug/l #	59
56) Ethyl methacrylate	9.29	69	1169	0.214	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	8201	1.270	ug/l #	43
59) 2-Hexanone	9.52	43	93532	26.604	ug/l #	47
70) Styrene	10.69	104	626	1.701	ug/l #	80
74) N-amyl acetate	10.85	43	1123	0.219	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	106107	24.566	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	8209	0.715	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.12	75	106107	64.966	ug/l #	12
95) Naphthalene	13.82	128	942	2.240	ug/l #	84

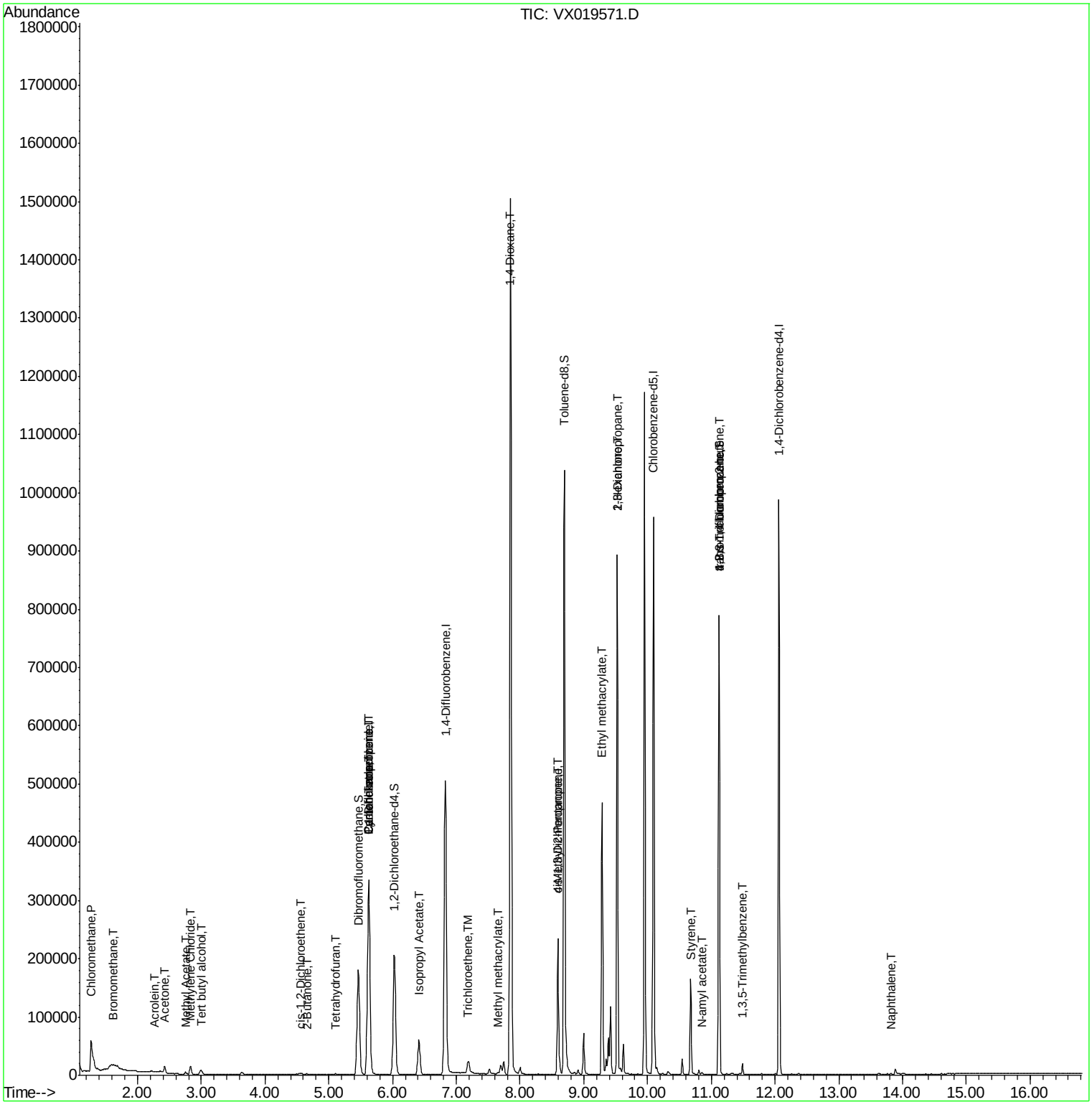
(#) = qualifier out of range (m) = manual integration (+) = signals summed

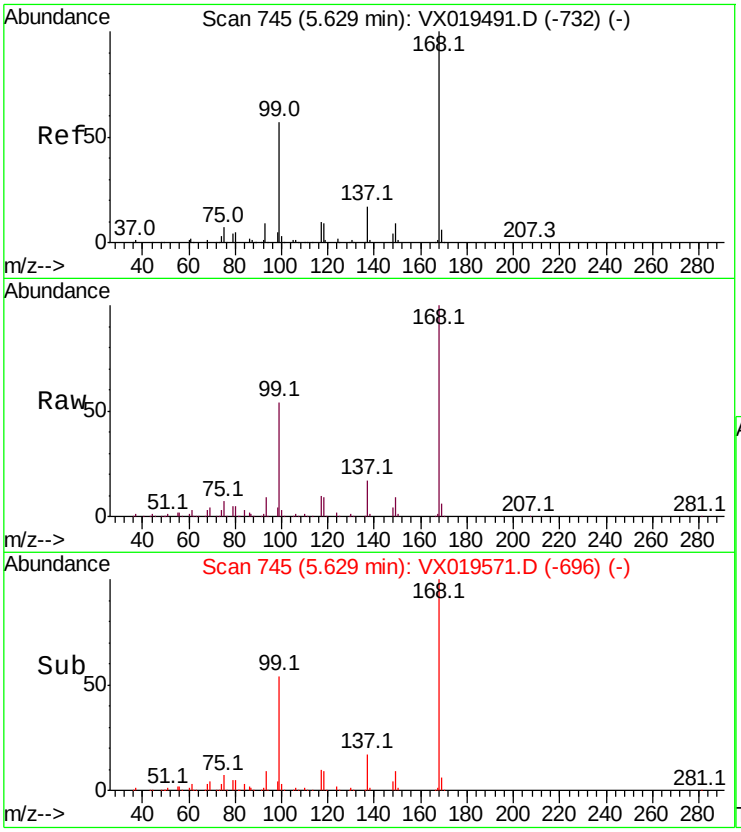
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019571.D
Acq On : 24 Nov 2020 00:02
Operator : JC/MD
Sample : PB133157ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Quant Time: Nov 24 05:16:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



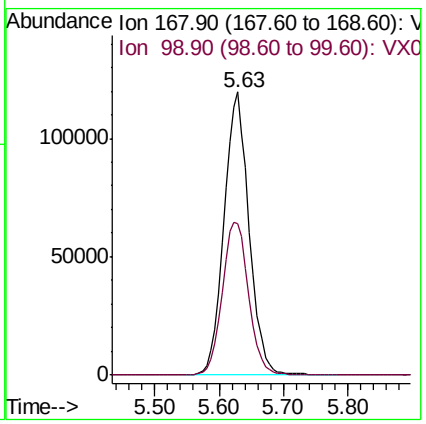


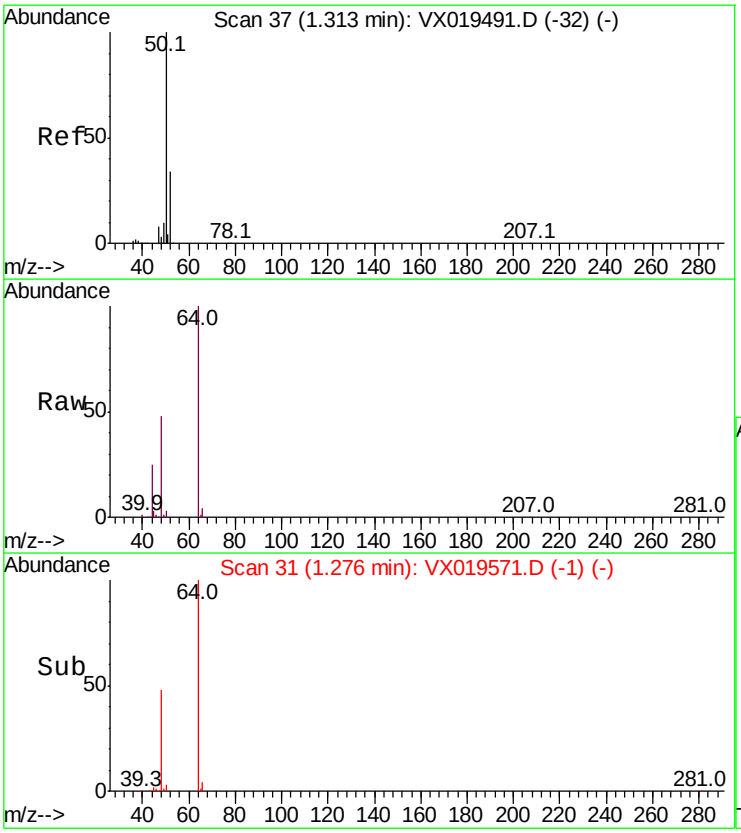
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion:168 Resp: 326974

Ion	Ratio	Lower	Upper
168	100		
99	53.6	45.8	68.6

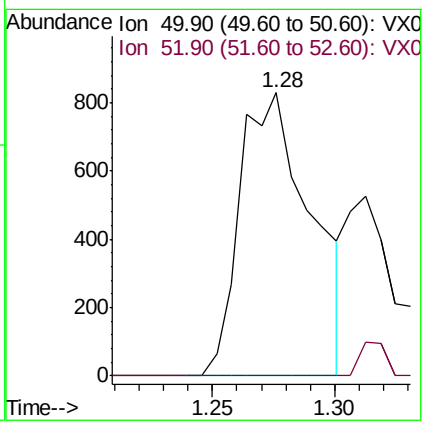


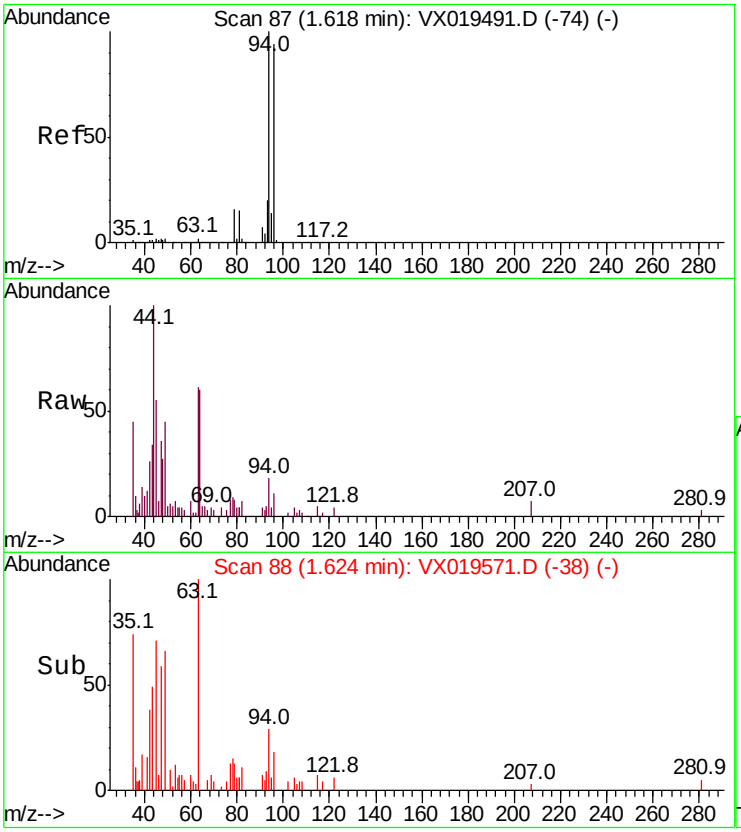


#3
Chloromethane
Concen: 0.458 ug/l
RT: 1.28 min Scan# 31
Delta R.T. -0.04 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 50 Resp: 1671

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



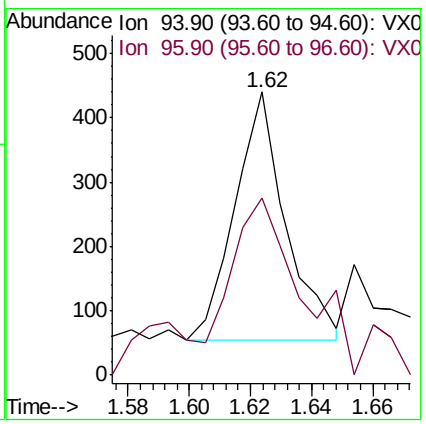


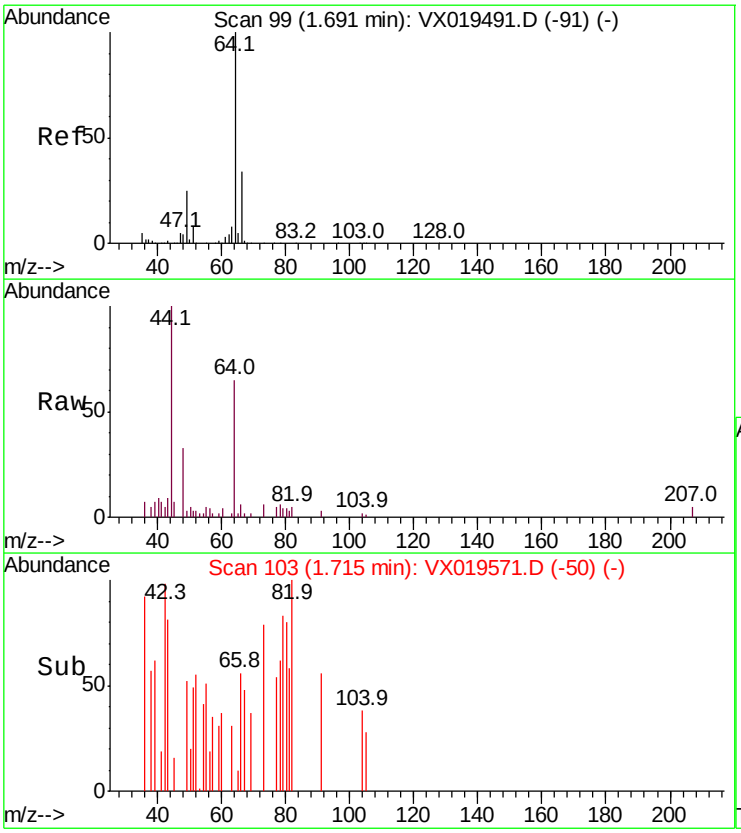
#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 94 Resp: 444

Ion	Ratio	Lower	Upper
94	100		
96	57.0	75.6	113.4#

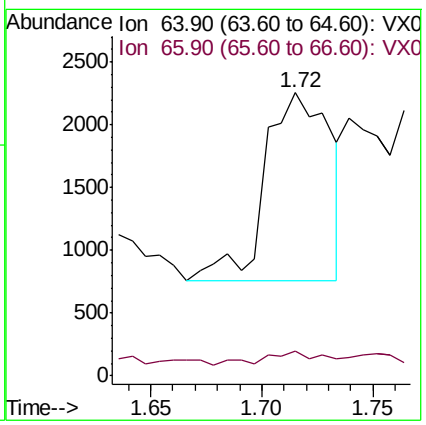


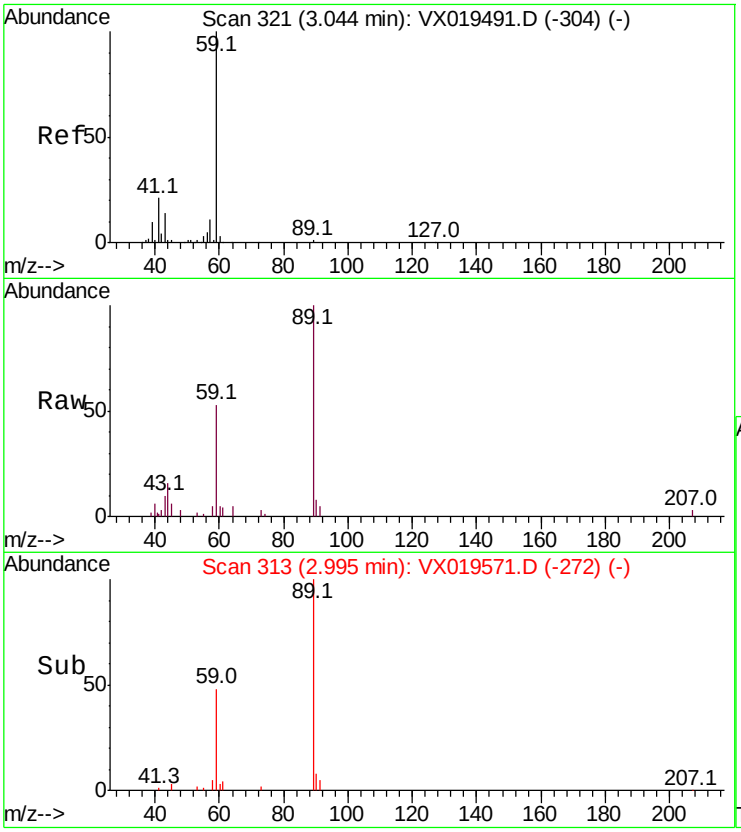


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 103
Delta R.T. 0.03 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 64 Resp: 3053

Ion	Ratio	Lower	Upper
64	100		
66	5.1	27.1	40.7#



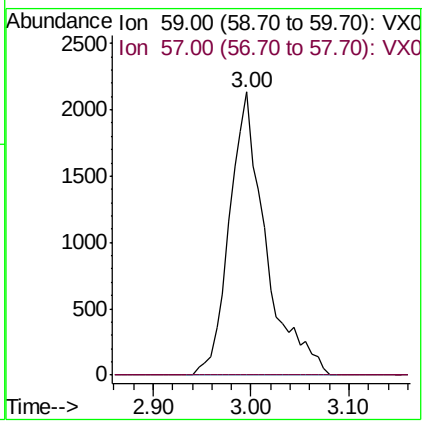


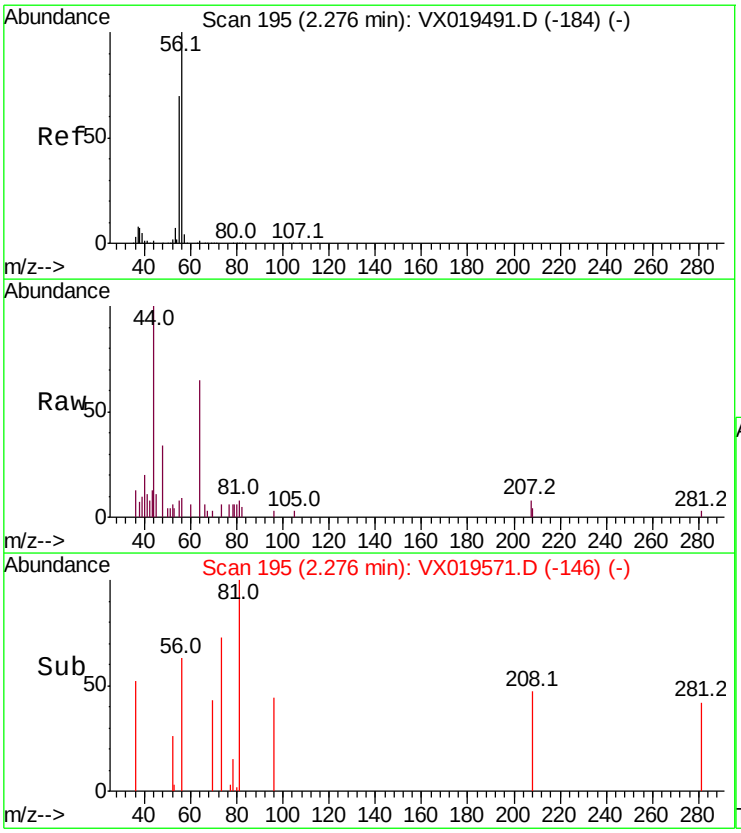
#11
Tert butyl alcohol
Concen: 6.853 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 59 Resp: 5498

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

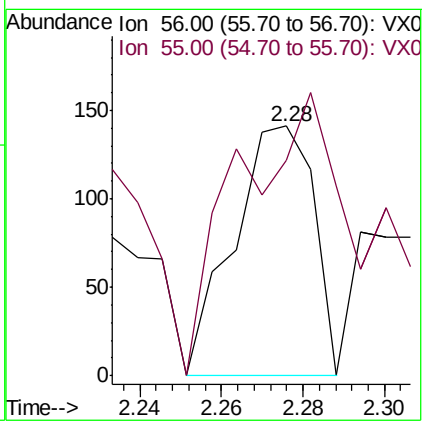


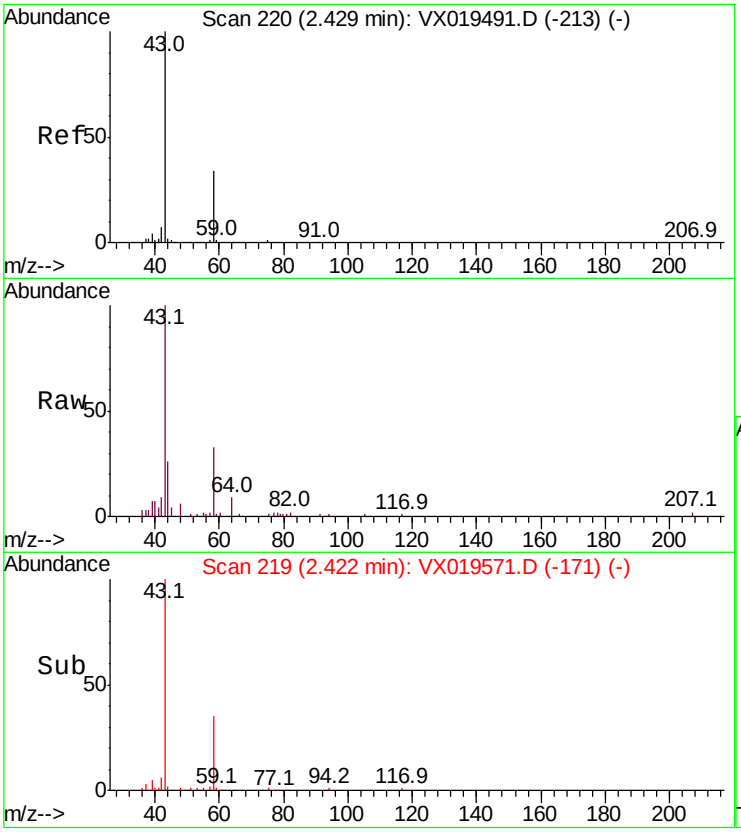


#13
Acrolein
Concen: 0.356 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 56 Resp: 192

Ion	Ratio	Lower	Upper
56	100		
55	146.9	55.5	83.3#



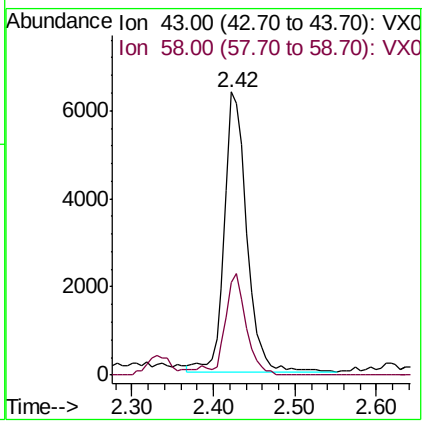


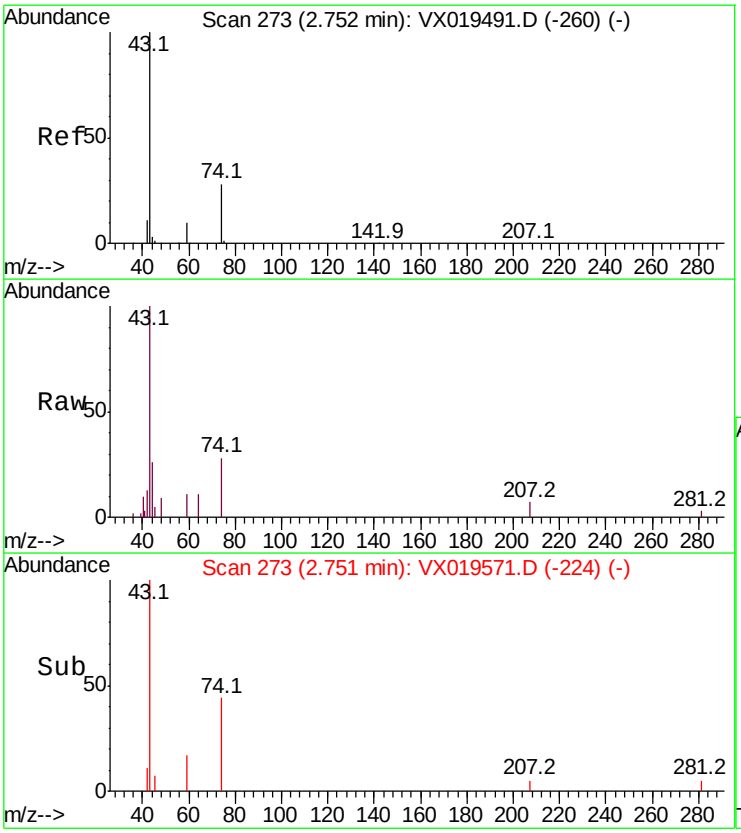
#16
Acetone
Concen: 7.305 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 43 Resp: 11976

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.4	41.2

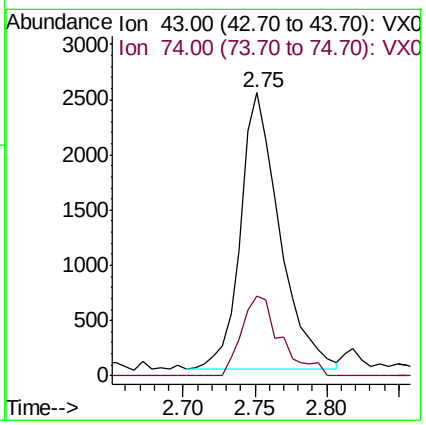


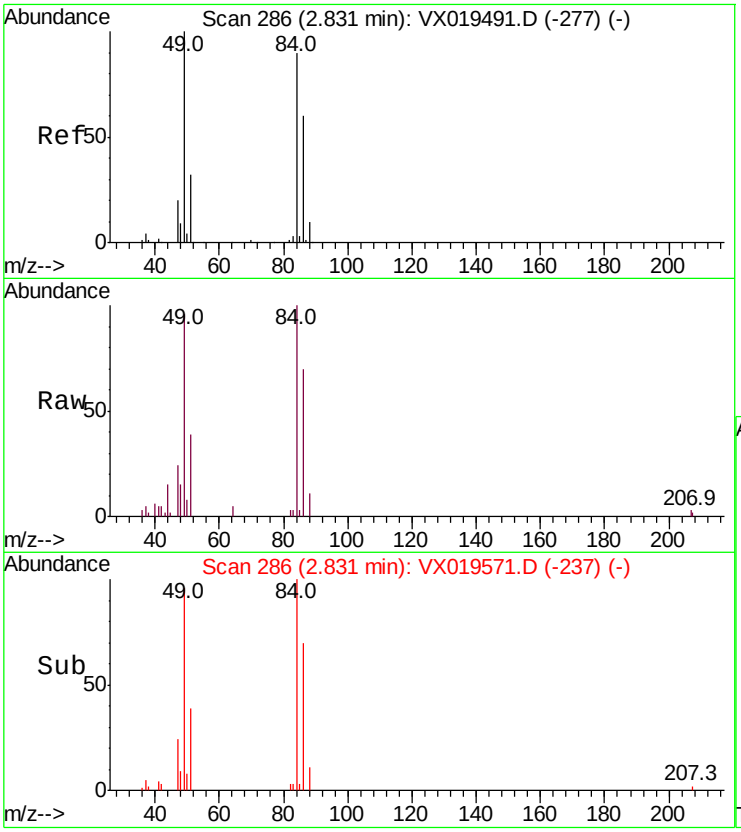


#18
Methyl Acetate
Concen: 1.780 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 43 Resp: 4664

Ion	Ratio	Lower	Upper
43	100		
74	28.9	22.2	33.4



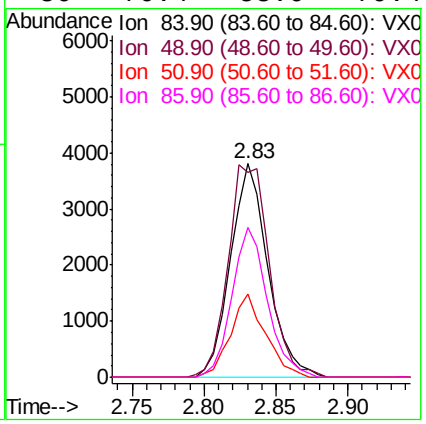


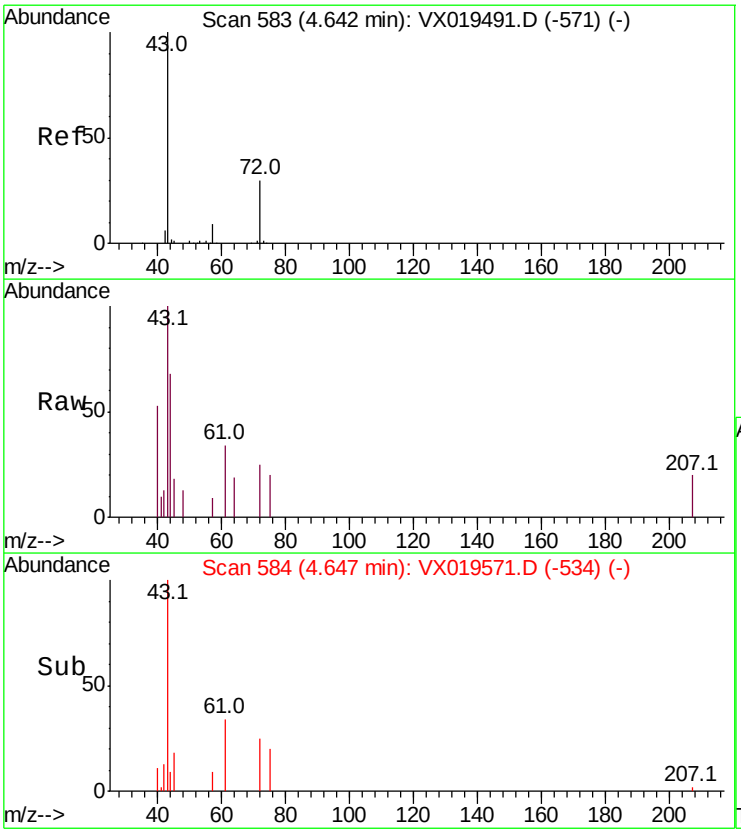
#20
Methylene Chloride
Concen: 1.689 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 84 Resp: 6920

Ion	Ratio	Lower	Upper
84	100		
49	95.9	88.5	132.7
51	38.7	28.0	42.0
86	70.4	53.0	79.4

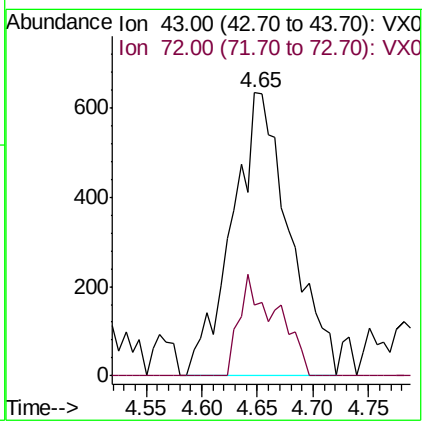


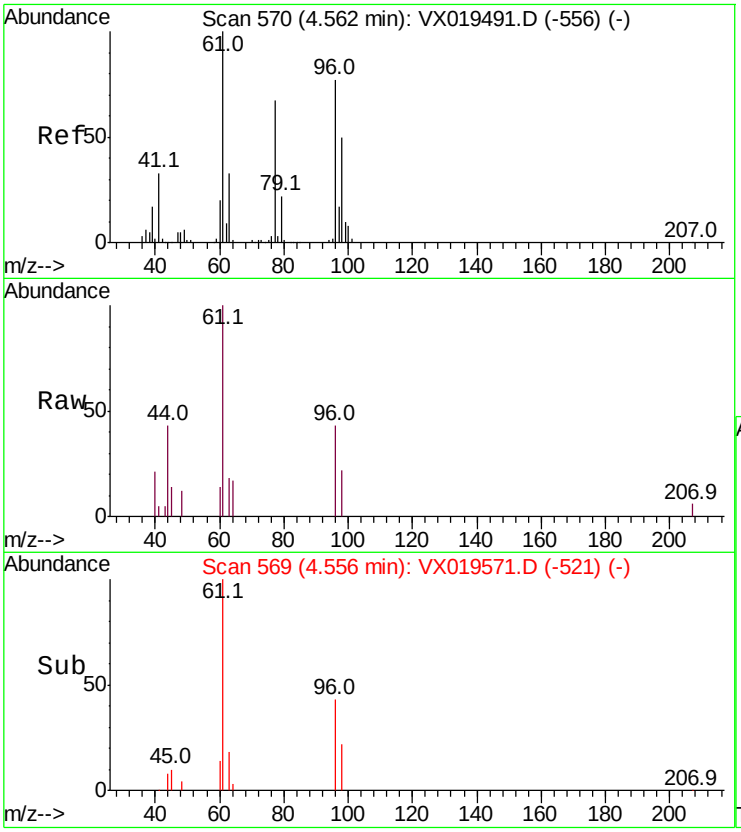


#25
2-Butanone
Concen: 0.922 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 43 Resp: 2270

Ion	Ratio	Lower	Upper
43	100		
72	25.3	24.0	36.0



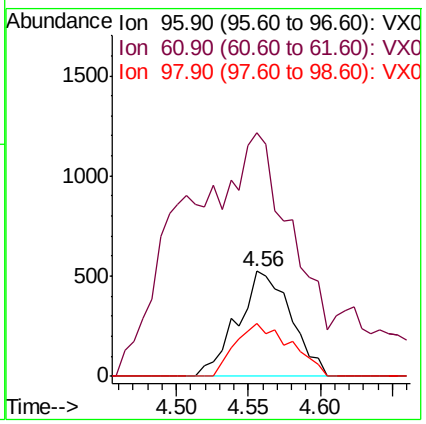


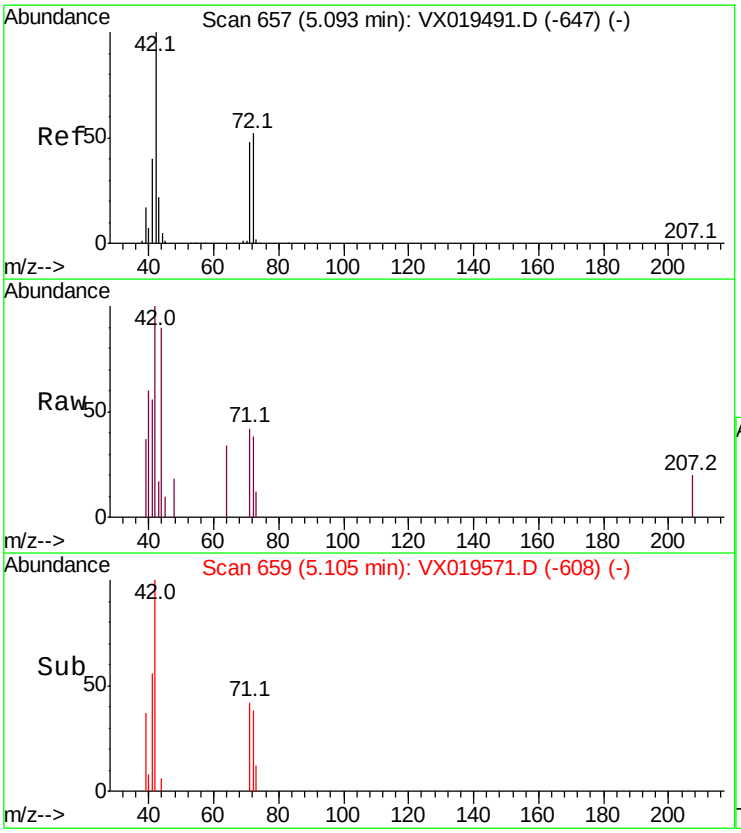
#27
cis-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 96 Resp: 1352

Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	279.2
98	52.5	0.0	129.8

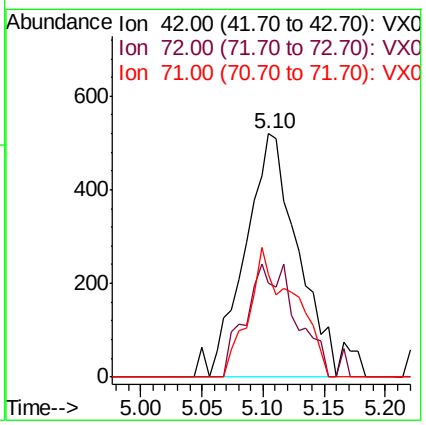


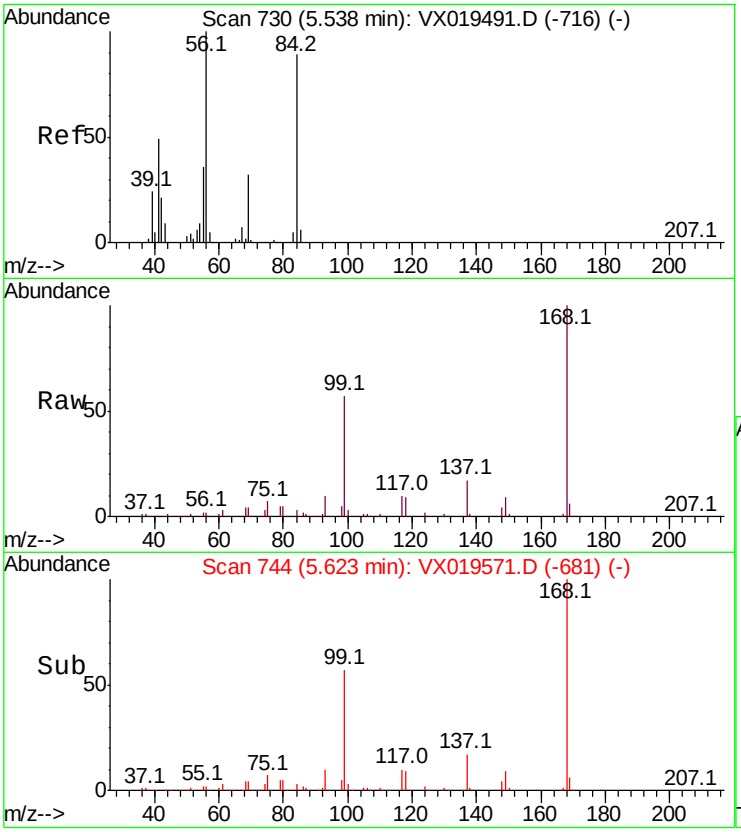


#29
Tetrahydrofuran
Concen: 0.991 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 42 Resp: 1558

Ion	Ratio	Lower	Upper
42	100		
72	44.4	42.6	63.8
71	45.7	39.0	58.6



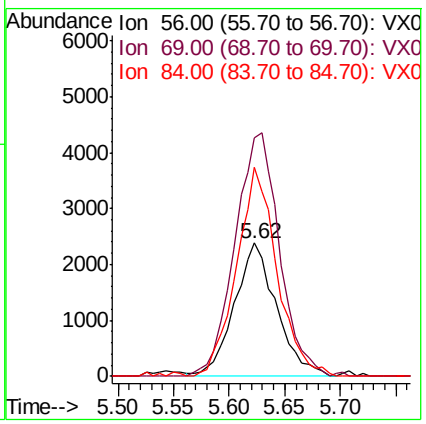


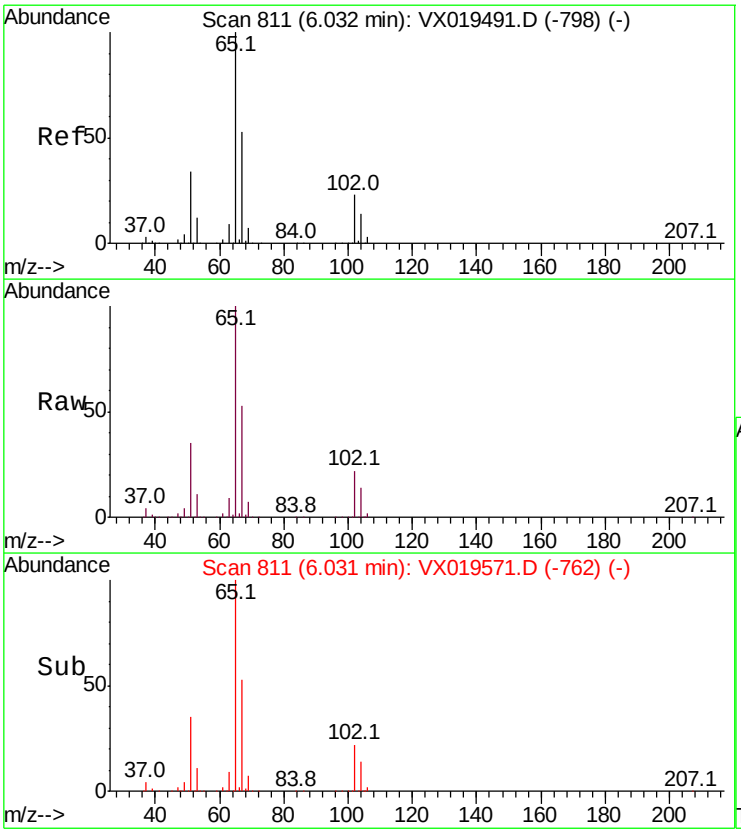
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Tgt Ion: 56 Resp: 6272

Ion	Ratio	Lower	Upper
56	100		
69	179.0	25.5	38.3#
84	156.9	71.1	106.7#

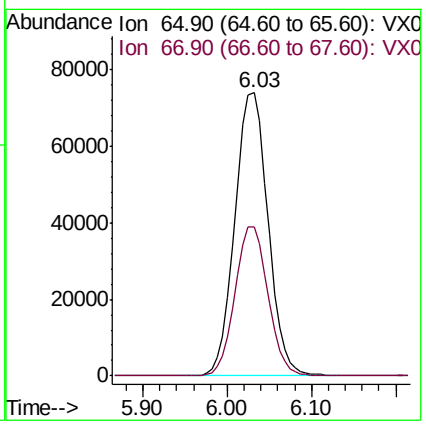


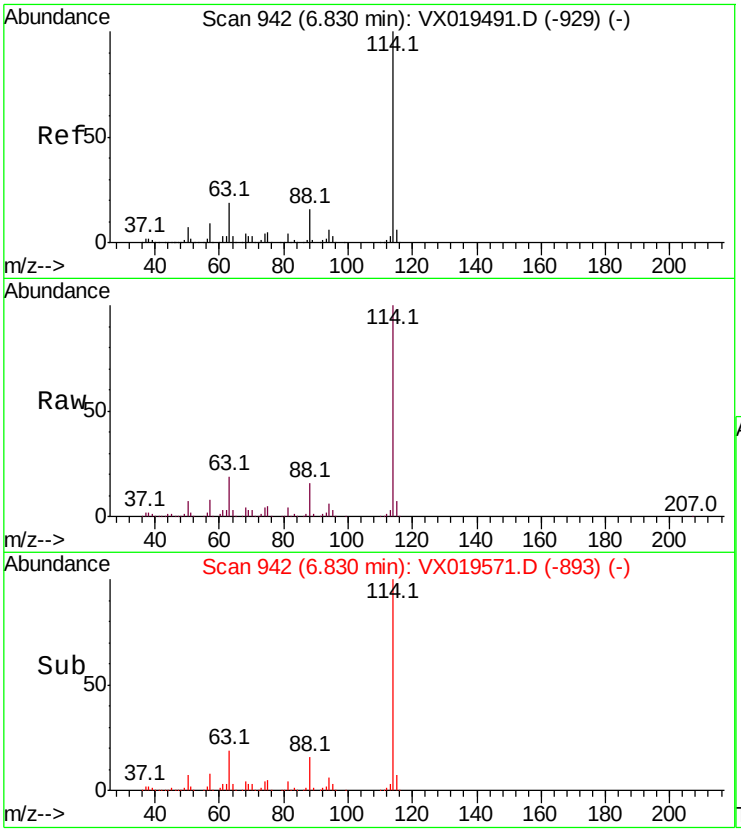


#33
1,2-Dichloroethane-d4
Concen: 46.465 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 65 Resp: 196987

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0



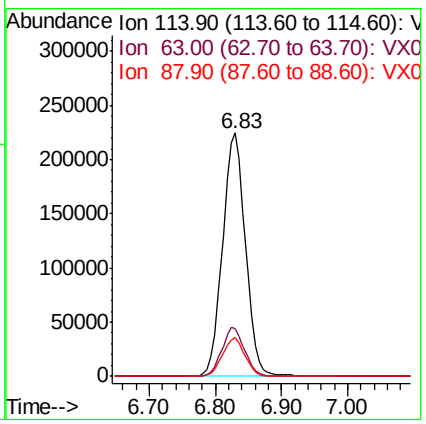


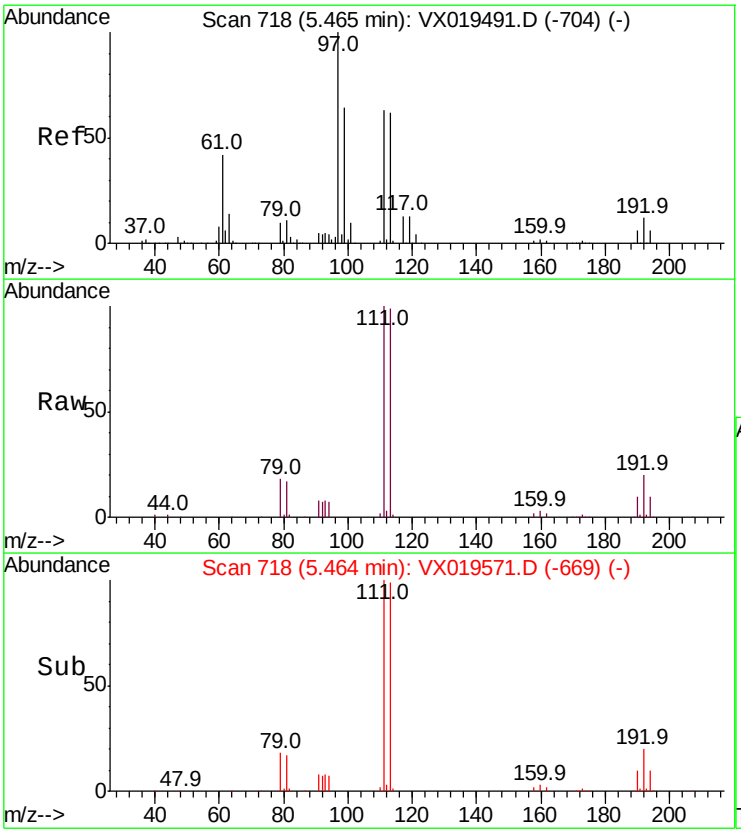
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Tgt Ion:114 Resp: 537313

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	15.8	0.0	31.6

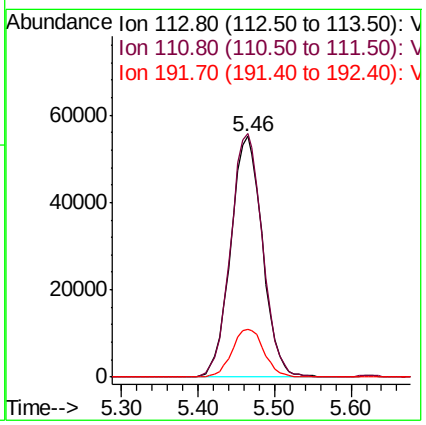


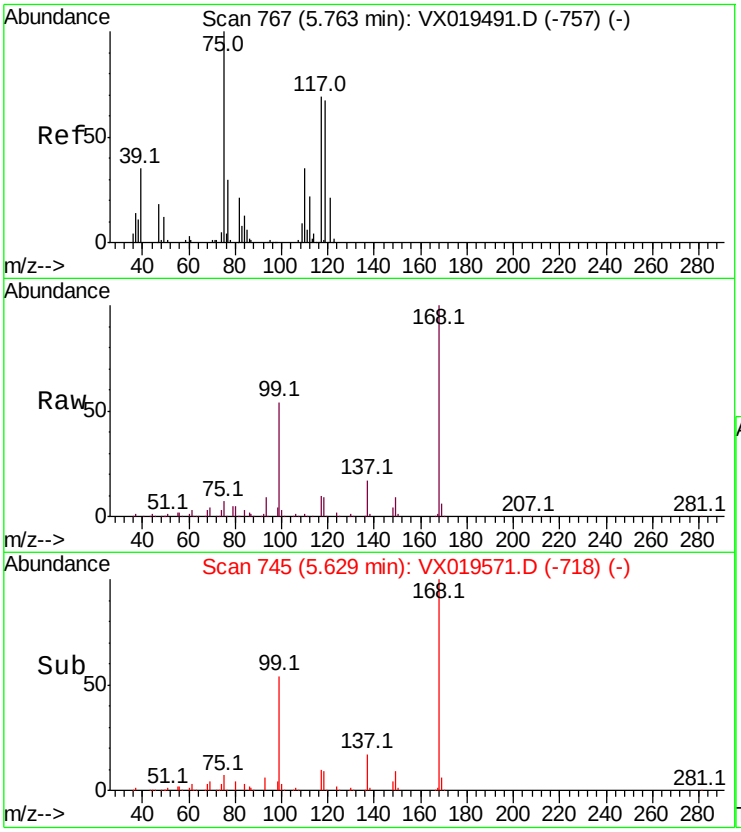


#35
Dibromofluoromethane
Concen: 47.082 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion:113 Resp: 158794

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.5	122.3
192	20.1	16.2	24.2



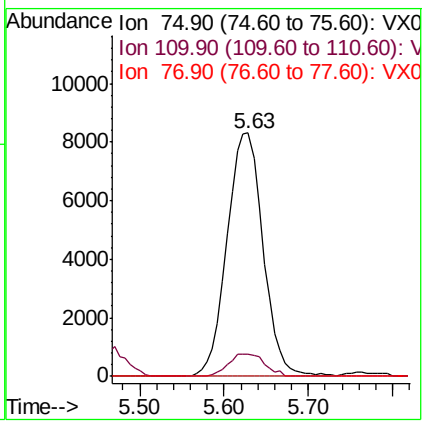


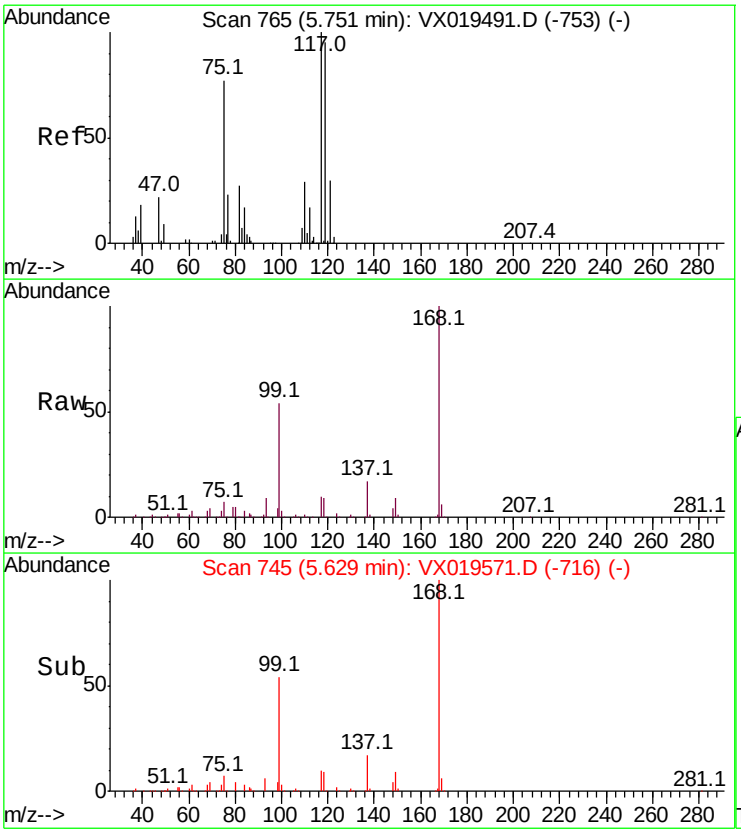
#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 75 Resp: 24115

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	24.2	36.4#

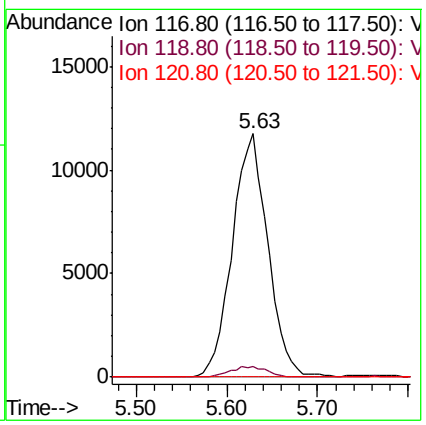


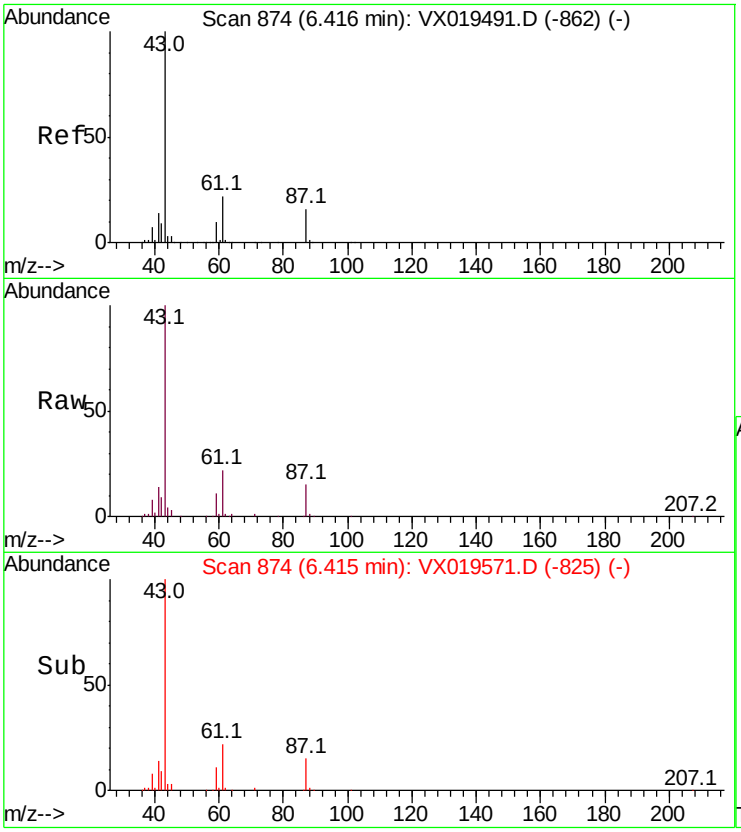


#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion:117 Resp: 31944

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.9	113.9#
121	0.0	24.0	36.0#



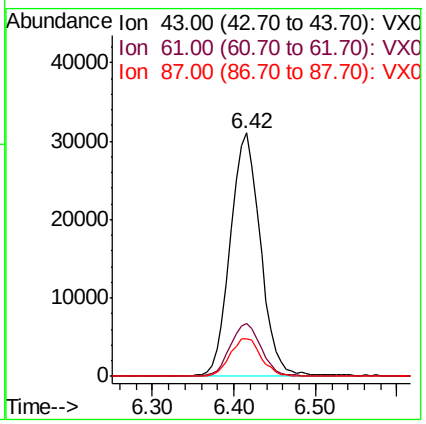


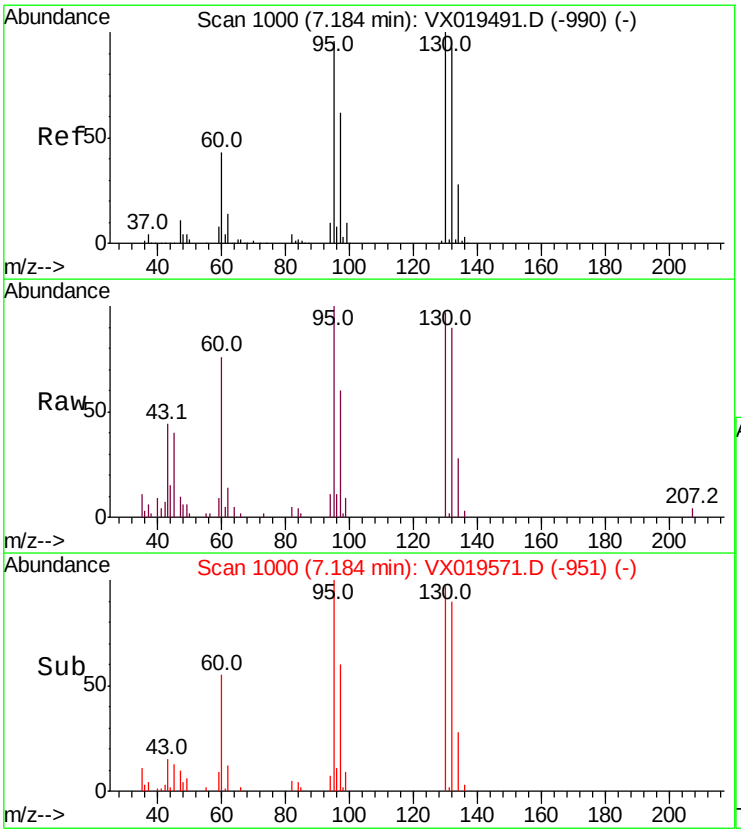
#43
Isopropyl Acetate
Concen: 9.974 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 43 Resp: 79290

Ion	Ratio	Lower	Upper
43	100		
61	22.3	18.2	27.2
87	15.7	12.6	18.8

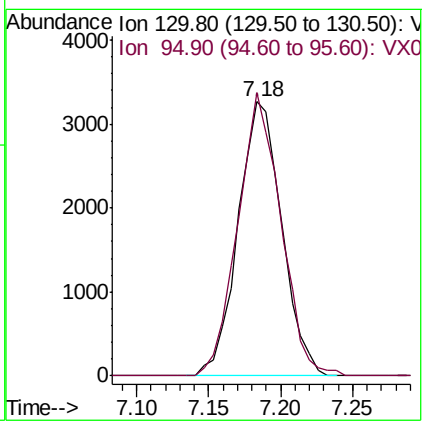


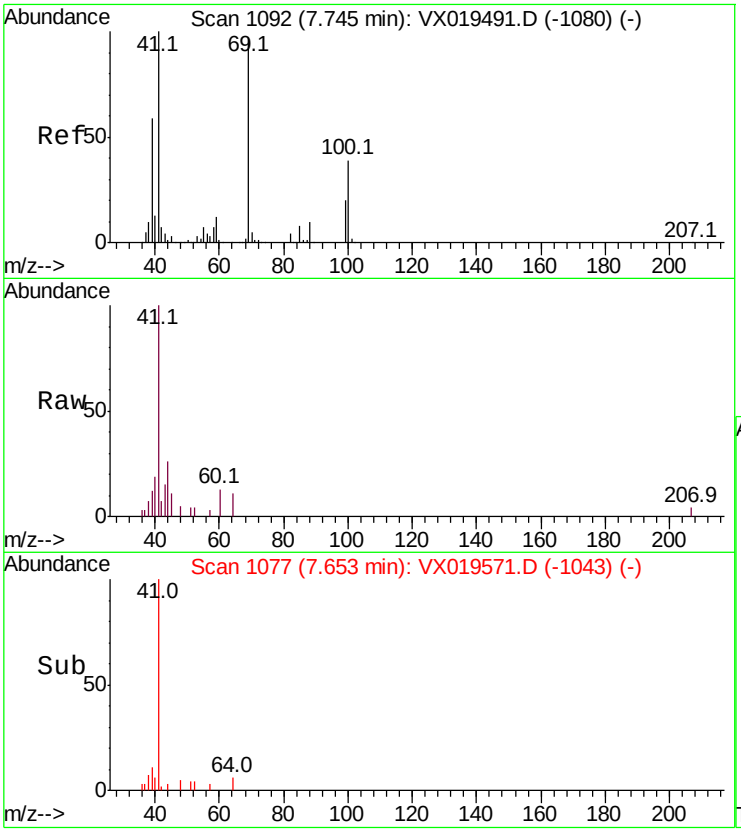


#44
Trichloroethene
Concen: 1.689 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion:130 Resp: 6847

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	191.2



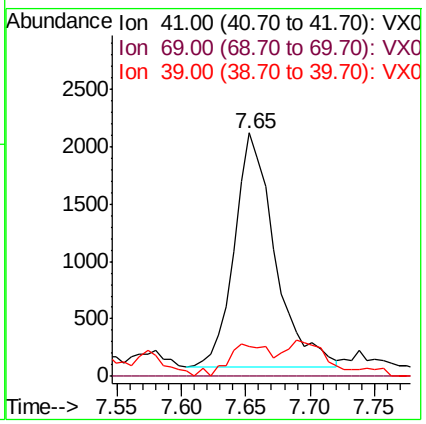


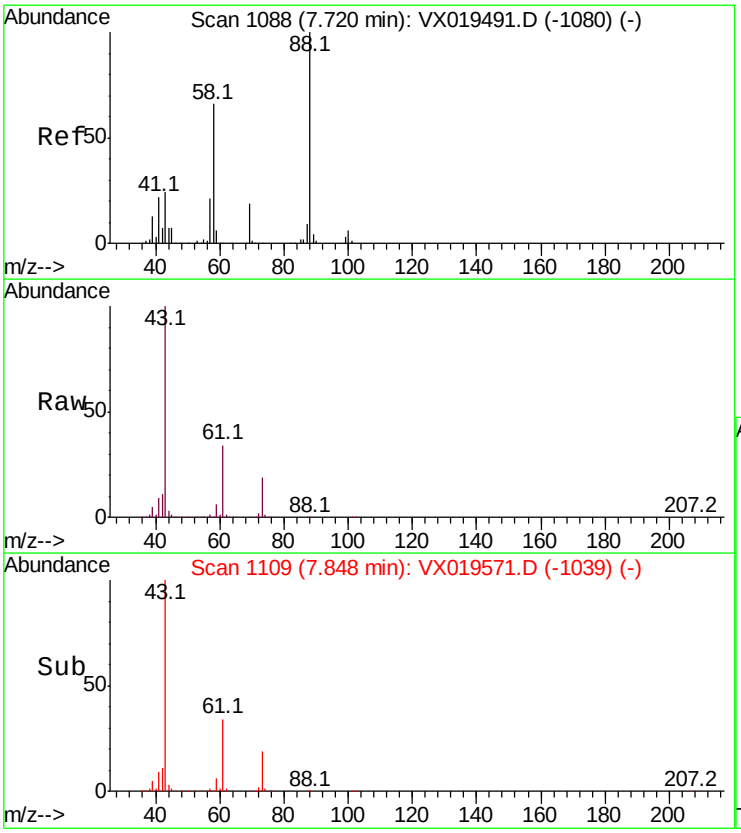
#48
Methyl methacrylate
Concen: 1.196 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Tgt Ion: 41 Resp: 4451

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.0	115.6#
39	0.0	45.6	68.4#

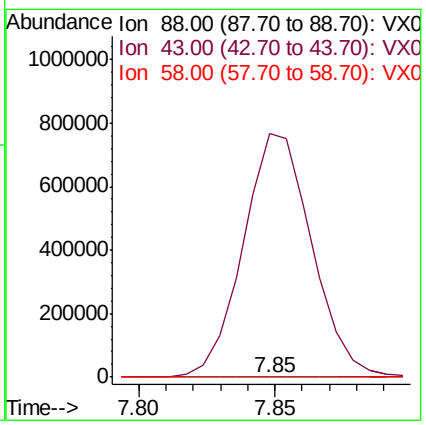


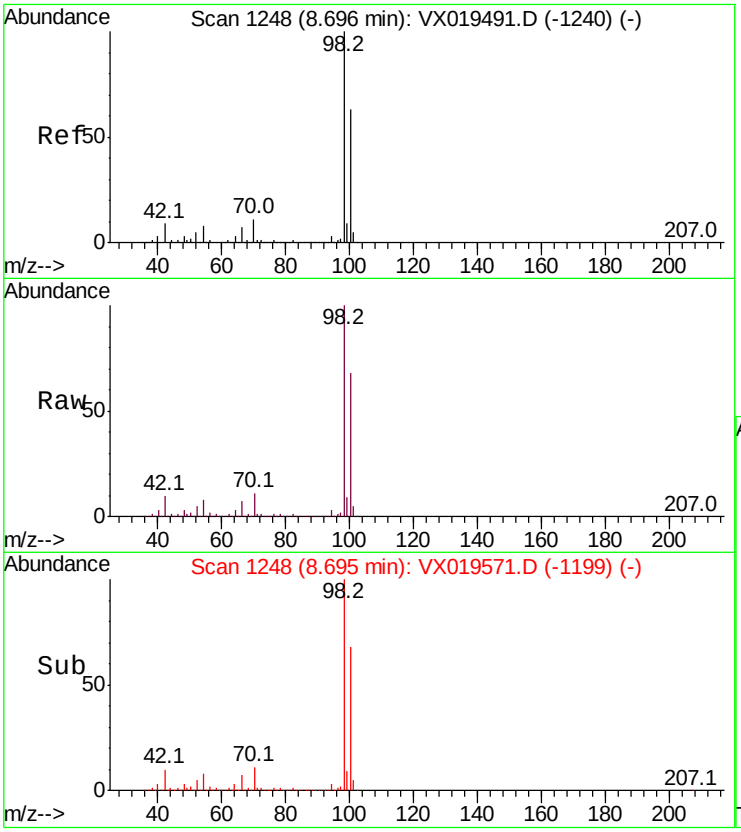


#49
1,4-Dioxane
Concen: 2.851 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 88 Resp: 241

Ion	Ratio	Lower	Upper
88	100		
43	561000.0	23.8	35.6#
58	2553.9	54.2	81.2#



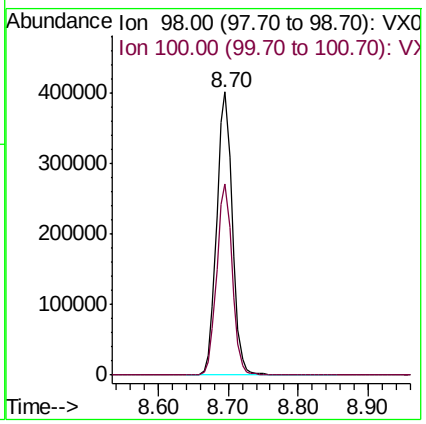


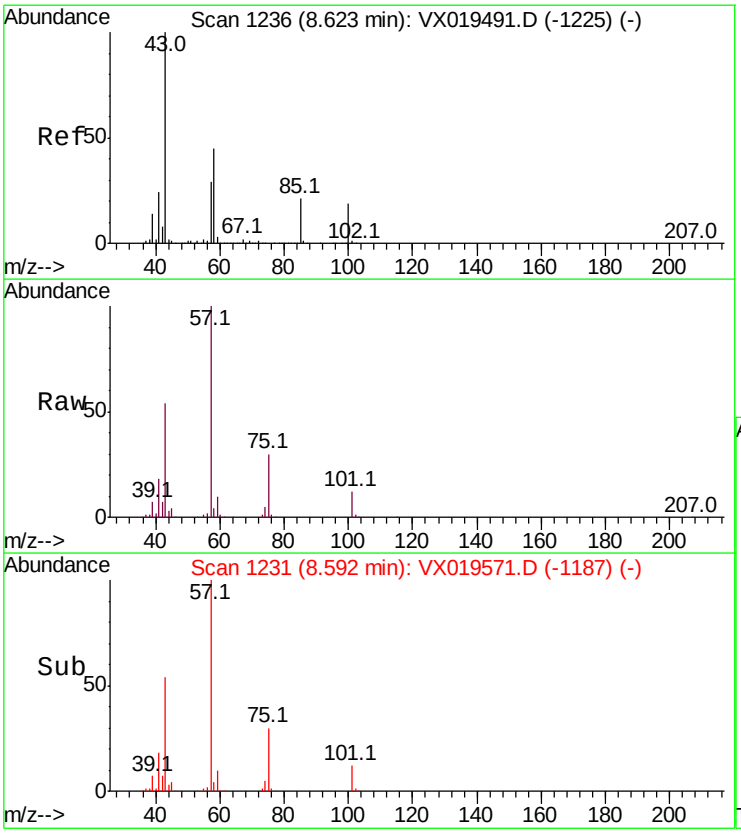
#50
Toluene-d8
Concen: 47.702 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Tgt Ion: 98 Resp: 625187

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.4	78.6

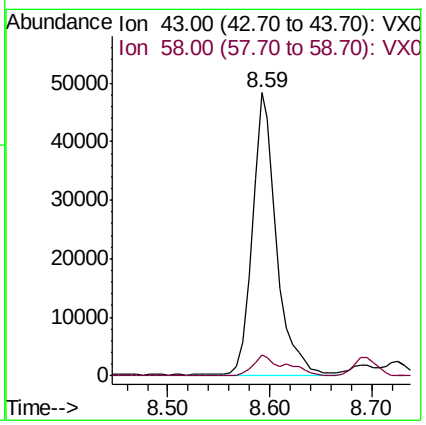


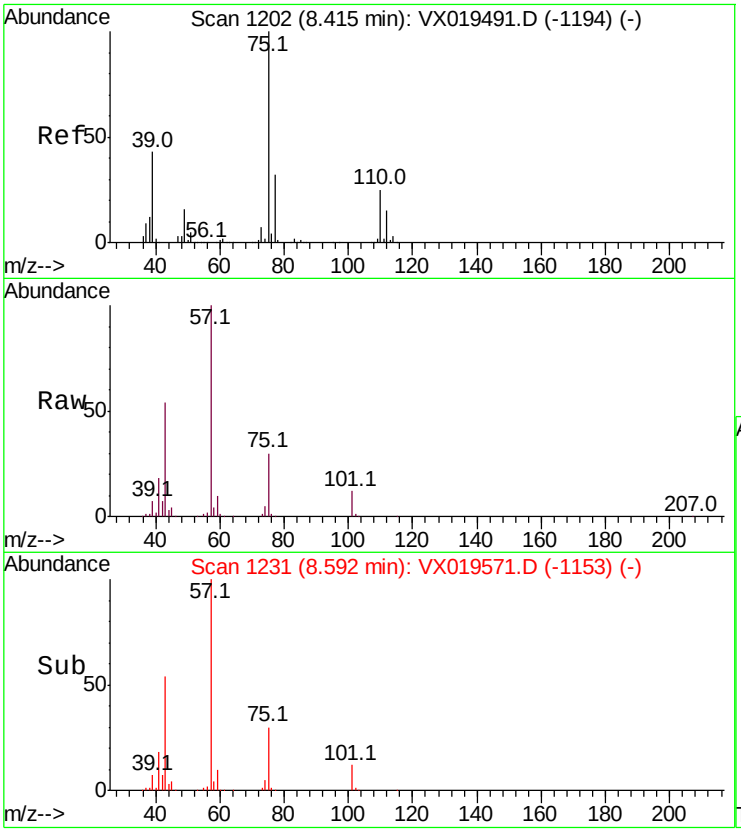


#51
4-Methyl-2-Pentanone
Concen: 17.112 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 43 Resp: 79325

Ion	Ratio	Lower	Upper
43	100		
58	9.9	35.1	52.7#



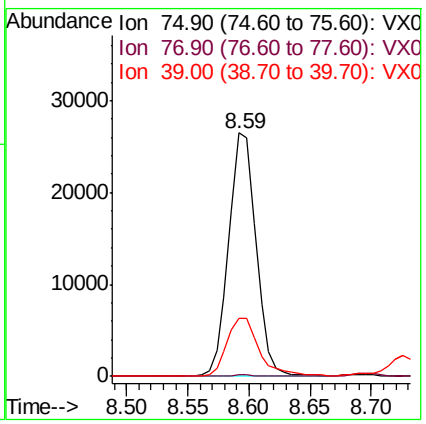


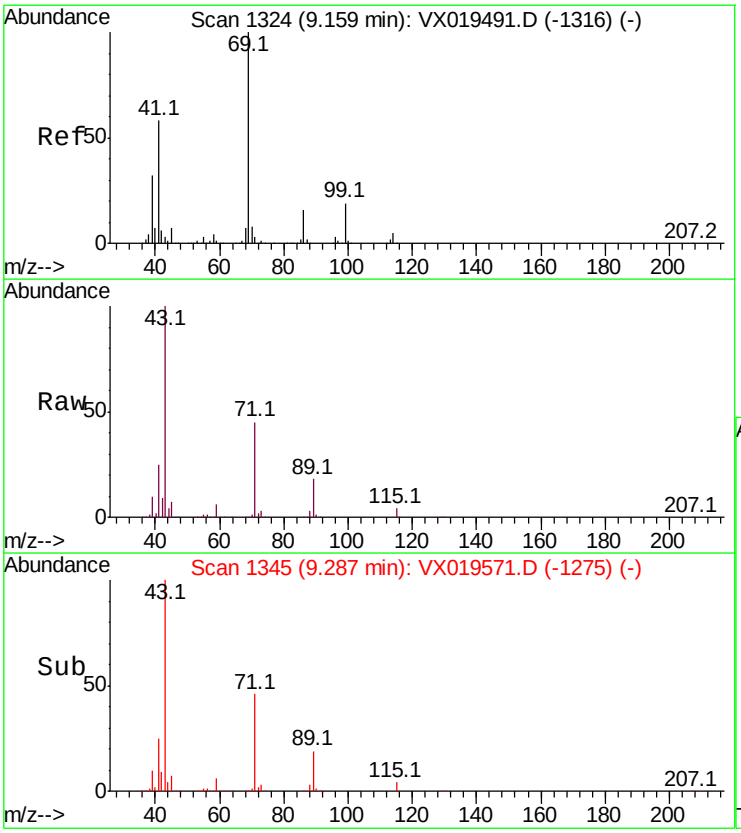
#54
cis-1,3-Dichloropropene
Concen: 6.747 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 75 Resp: 40919

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.8	38.6#
39	24.1	34.6	51.8#

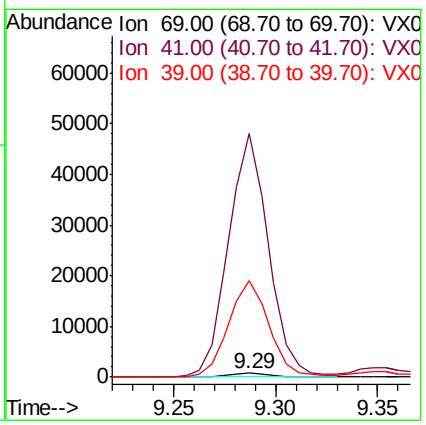


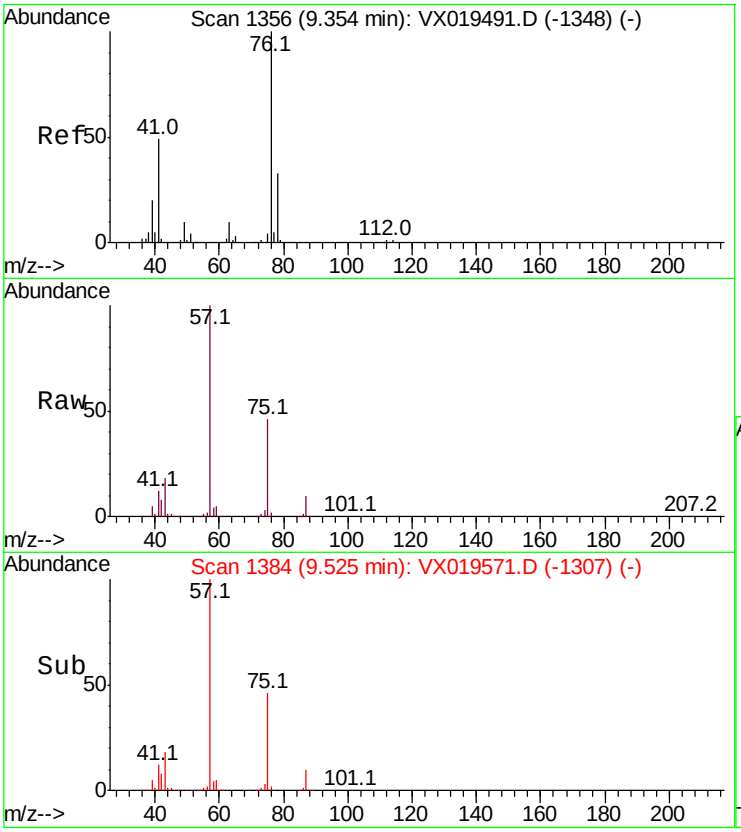


#56
Ethyl methacrylate
Concen: 0.214 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 69 Resp: 1169

Ion	Ratio	Lower	Upper
69	100		
41	5588.3	46.2	69.2#
39	2231.7	25.5	38.3#



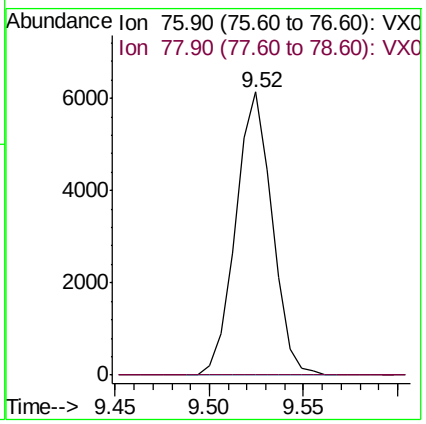


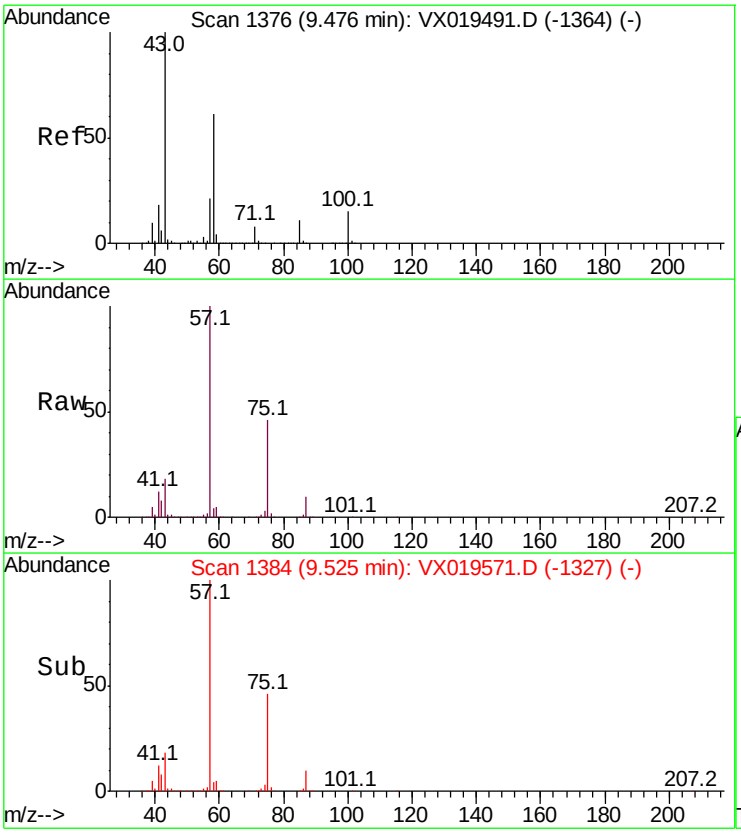
#57
1,3-Dichloropropane
Concen: 1.270 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 76 Resp: 8201

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

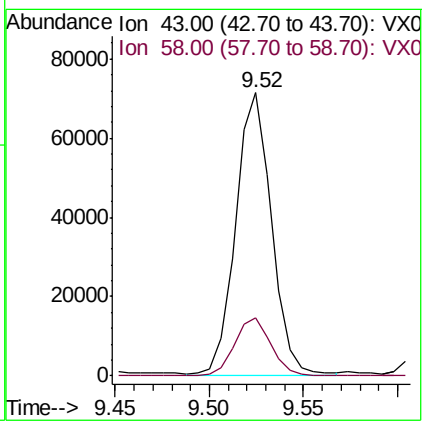


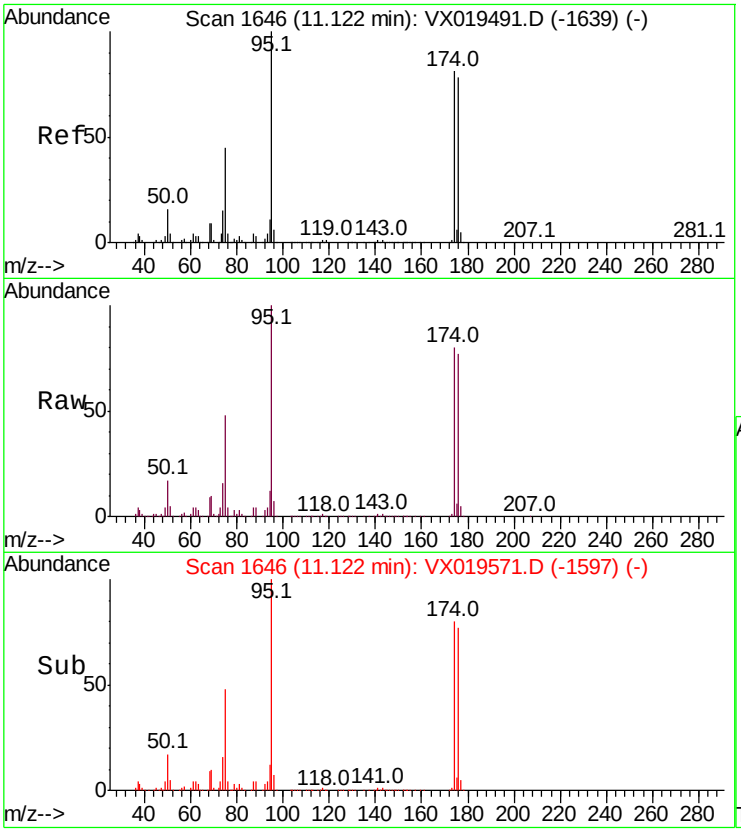


#59
2-Hexanone
Concen: 26.604 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 43 Resp: 93532

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.6	91.6#



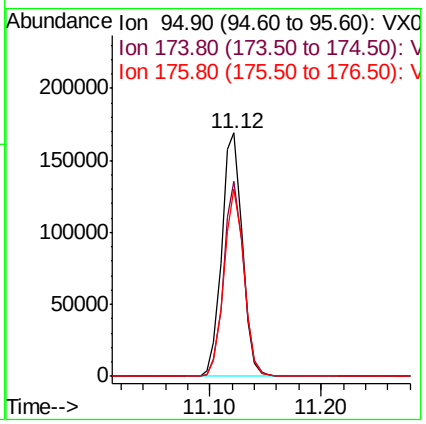


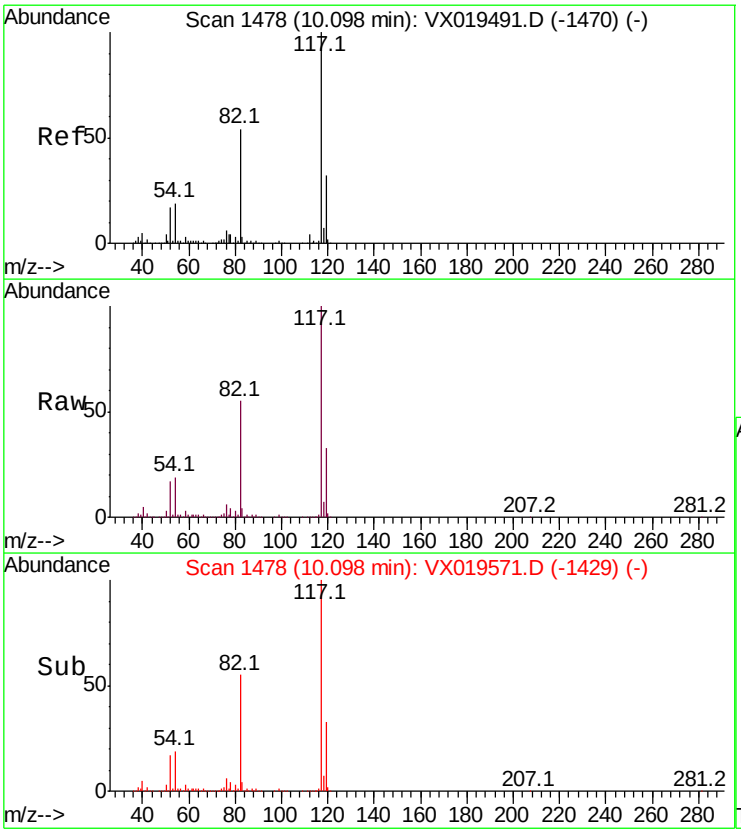
#62
4-Bromofluorobenzene
Concen: 45.690 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion: 95 Resp: 215447

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	156.2
176	75.0	0.0	151.4

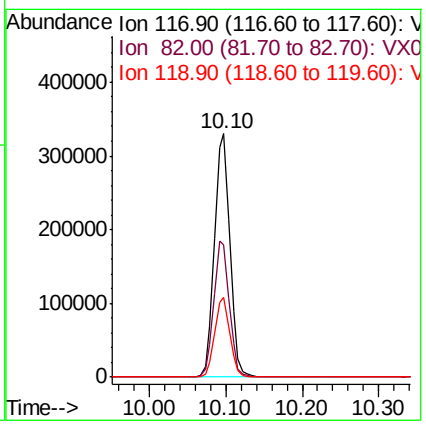


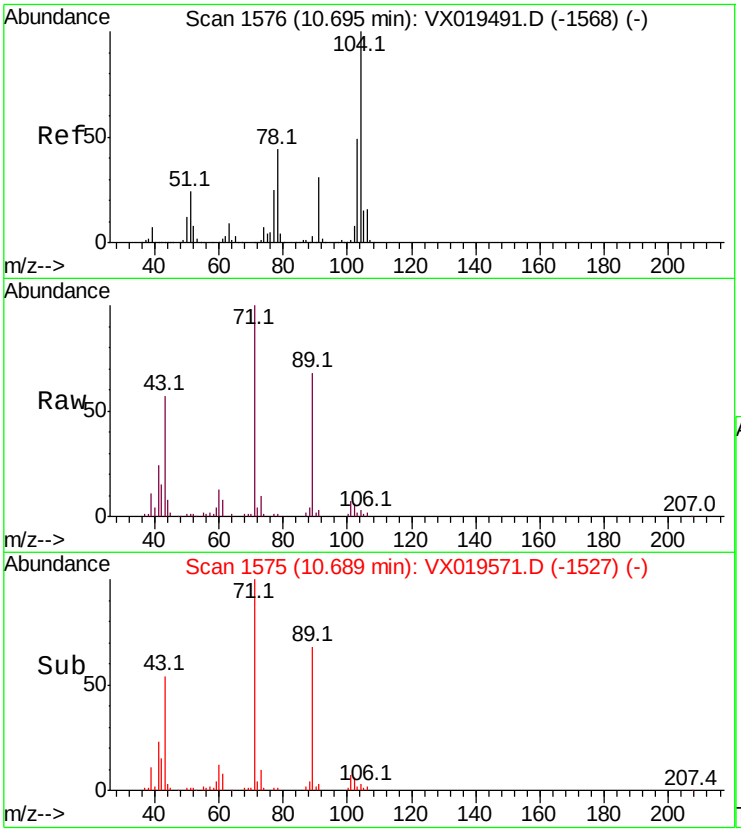


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion:117 Resp: 462167

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.9	25.6	38.4



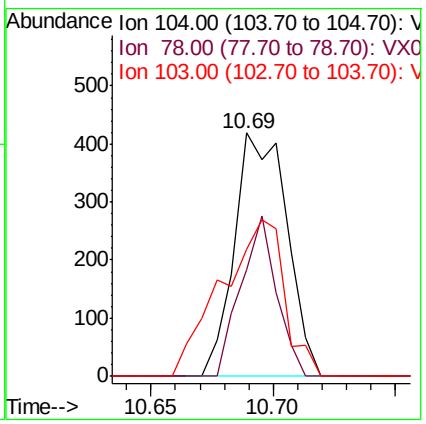


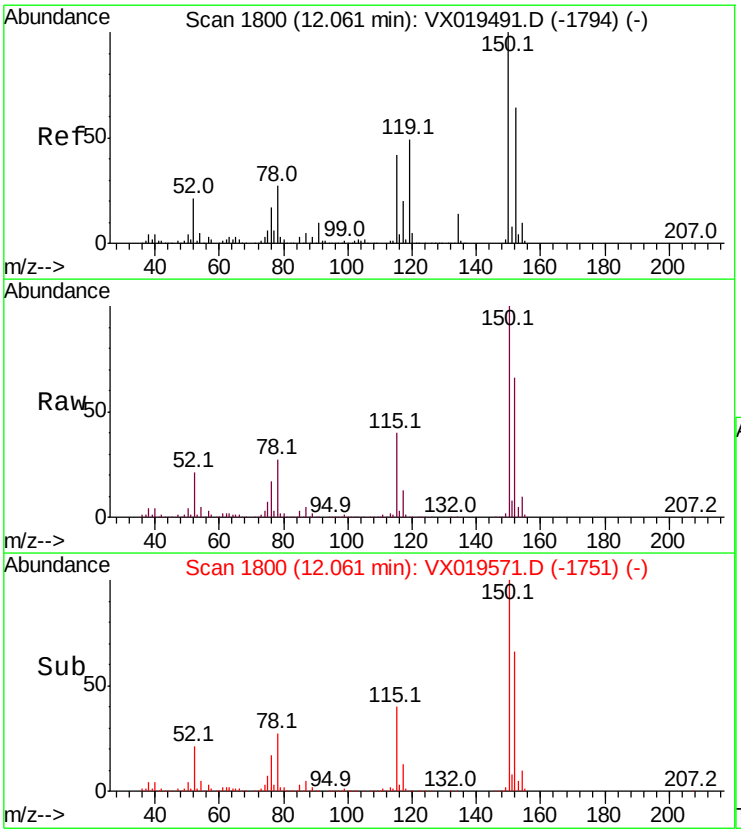
#70
Stvrene
Concen: 1.701 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion:104 Resp: 626

Ion	Ratio	Lower	Upper
104	100		
78	44.7	39.5	59.3
103	77.3	43.6	65.4#

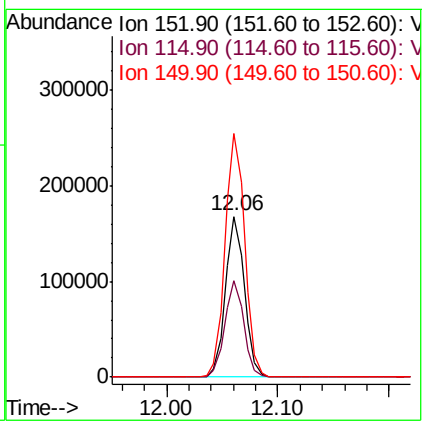


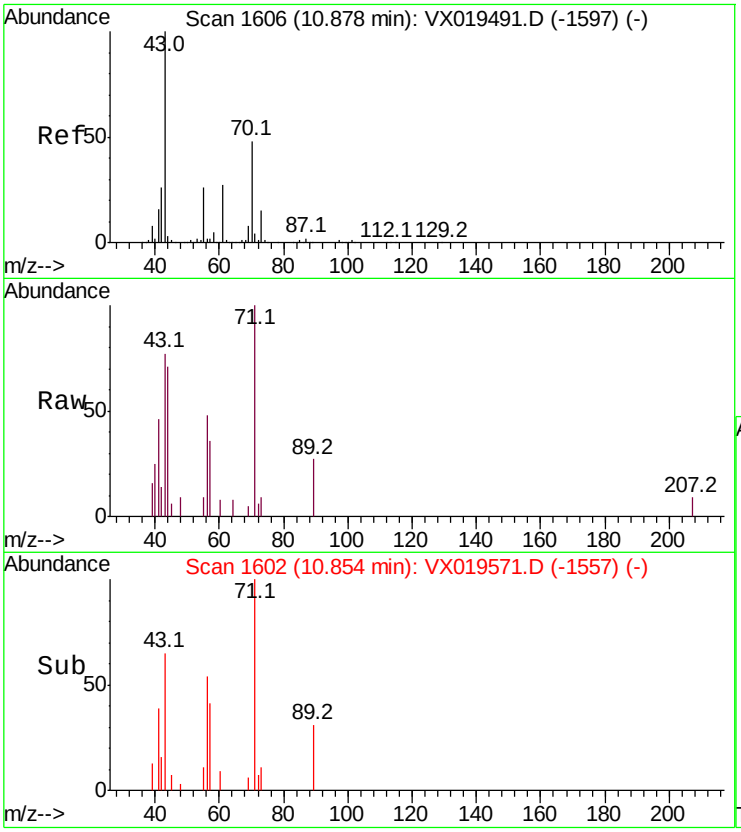


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion:152 Resp: 197920

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.8	125.4
150	156.2	0.0	348.2



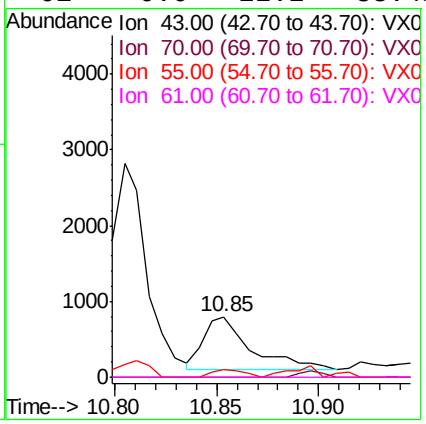


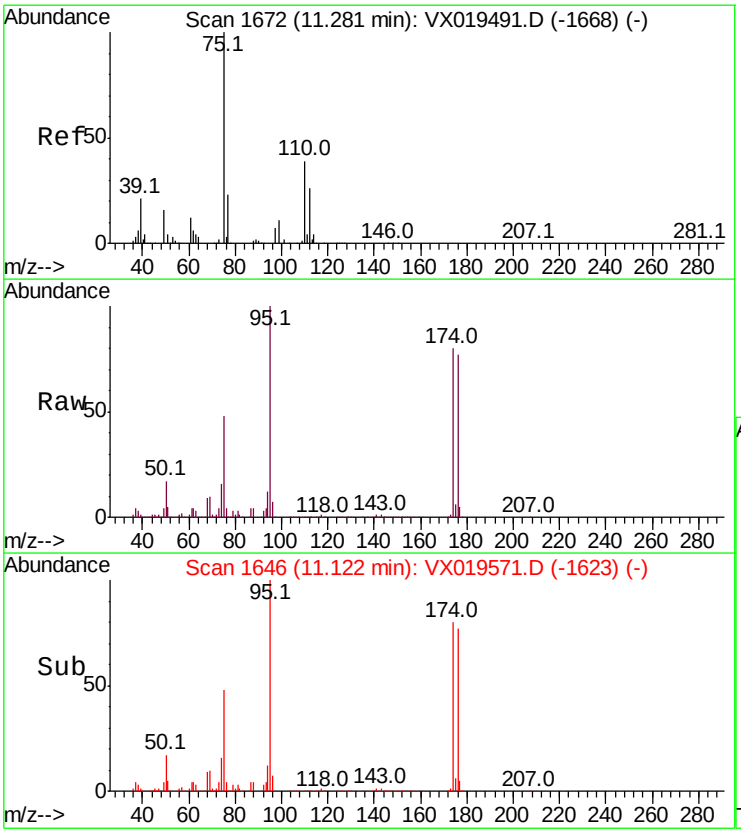
#74
N-amyl acetate
Concen: 0.219 ug/l
RT: 10.85 min Scan# 1602
Delta R.T. -0.02 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#01

Tgt Ion: 43 Resp: 1123

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	9.6	21.8	32.6#
61	0.0	22.2	33.4#

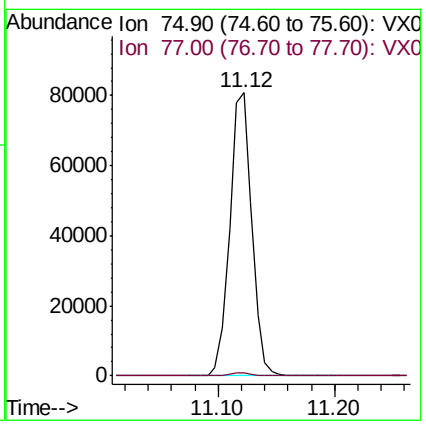


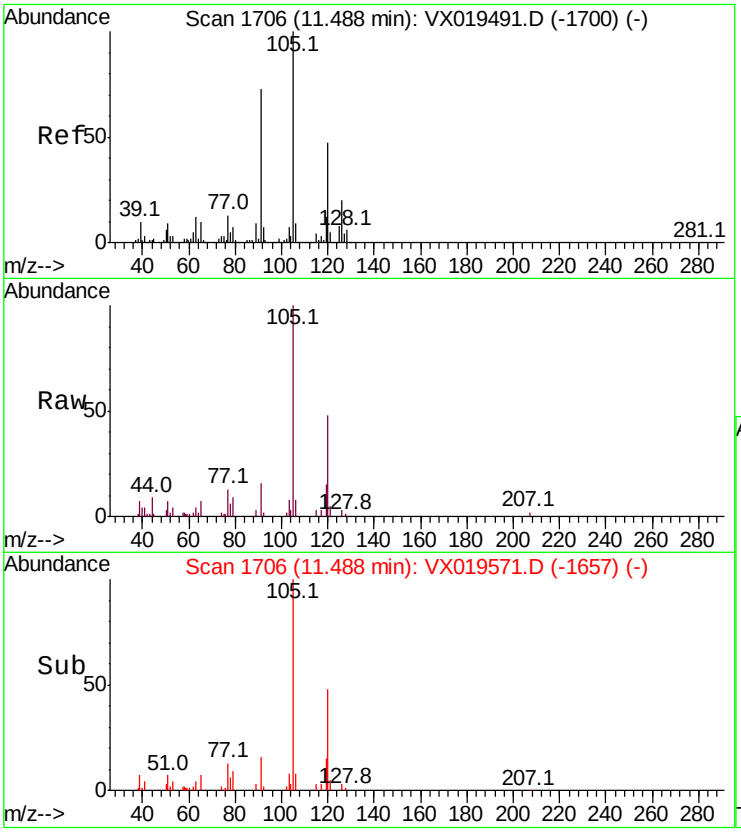


#76
1,2,3-Trichloropropane
Concen: 24.566 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 75 Resp: 106107

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#



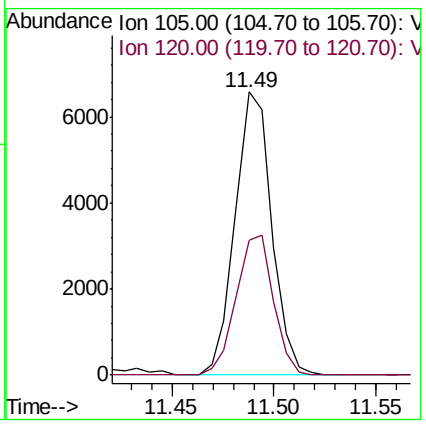


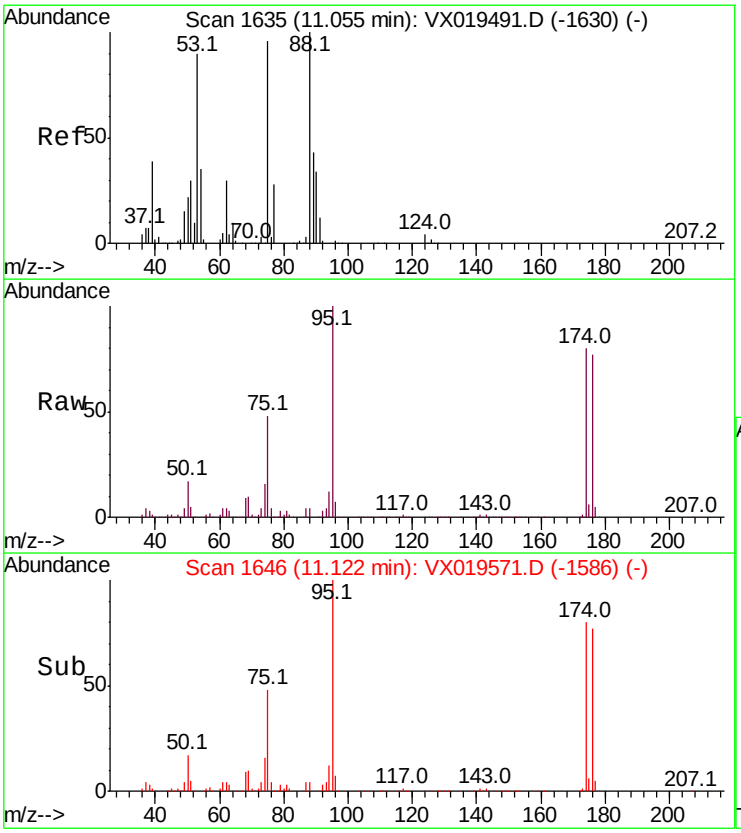
#80
1,3,5-Trimethylbenzene
Concen: 0.715 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion:105 Resp: 8209

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.1	72.3

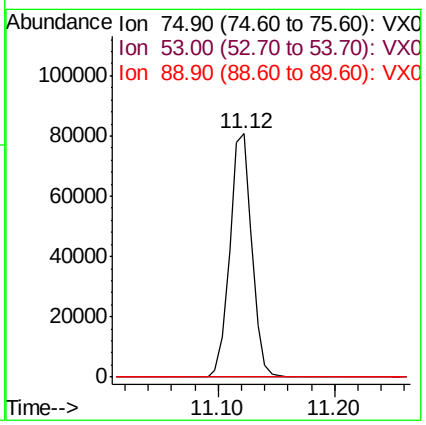


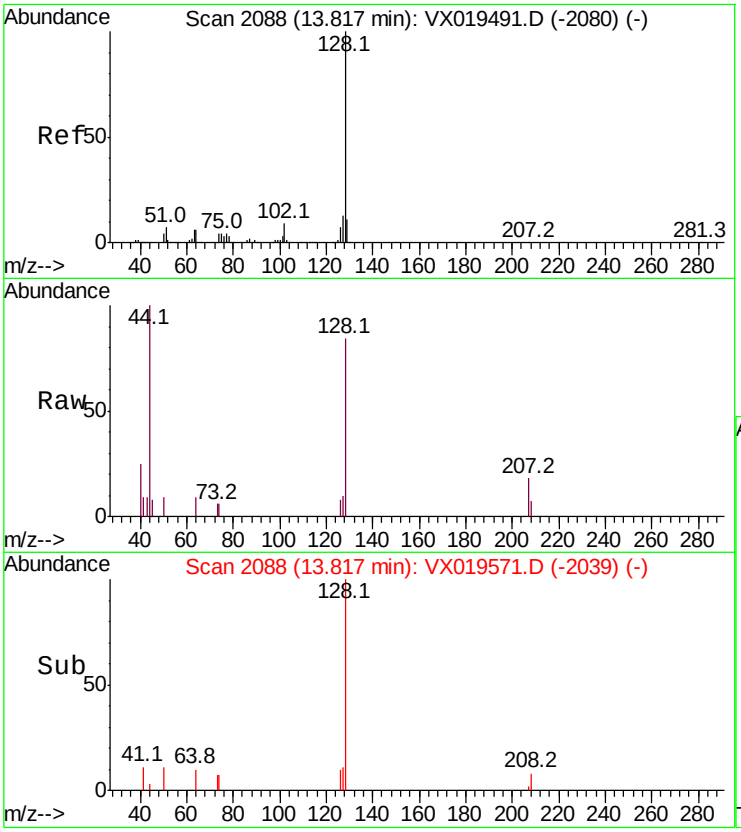


#81
trans-1,4-Dichloro-2-butene
Concen: 64.966 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Tgt Ion: 75 Resp: 106107

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.3	55.9#





#95
Naphthalene
Concen: 2.240 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019571.D
Acq: 24 Nov 2020 00:02

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#01

Tgt Ion:128 Resp: 942

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.3	15.5#
129	2.5	8.7	13.1#