Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019574.D
Acq On : 24 Nov 2020 01:12
Operator : JC/MD
Sample : PB133157ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#04

Quant Time: Nov 24 05:16:44 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	319558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	192402	46.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.88%			
35) Dibromofluoromethane	5.46	113	152606	46.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.14%			
50) Toluene-d8	8.70	98	618246	48.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.10%			
62) 4-Bromofluorobenzene	11.12	95	217409	47.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.92%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	686	0.472	ug/l	98
6) Chloroethane	1.70	64	1231	Below Cal	#	41
11) Tert butyl alcohol	3.00	59	1871	2.386	ug/l #	73
16) Acetone	2.43	43	11561	7.215	ug/l	93
18) Methyl Acetate	2.76	43	5275	1.960	ug/l	100
20) Methylene Chloride	2.83	84	6245	1.559	ug/l	99
25) 2-Butanone	4.66	43	2312	0.961	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	861	0.209	ug/l #	18
29) Tetrahydrofuran	5.09	42	681	0.443	ug/l #	72
31) Cyclohexane	5.62	56	6029	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23447	4.791	ug/l #	50
38) Carbon Tetrachloride	5.63	117	31256	6.598	ug/l #	16
43) Isopropyl Acetate	6.41	43	78243	10.131	ug/l	99
44) Trichloroethene	7.18	130	4513	1.146	ug/l	99
48) Methyl methacrylate	7.65	41	3915	1.082	ug/l #	9
49) 1,4-Dioxane	7.73	88	20	0.244	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	79380	17.625	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	42120	7.148	ug/l #	61
56) Ethyl methacrylate	9.29	69	1176	0.222	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	8238	1.313	ug/l #	43
59) 2-Hexanone	9.52	43	94629	27.704	ug/l #	47
70) Styrene	10.69	104	377	1.679	ug/l #	63
74) N-amyl acetate	10.80	43	3136	0.616	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	104870	24.464	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	8400	0.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	104870	64.715	ug/l #	12
95) Naphthalene	13.82	128	428	2.206	ug/l #	69

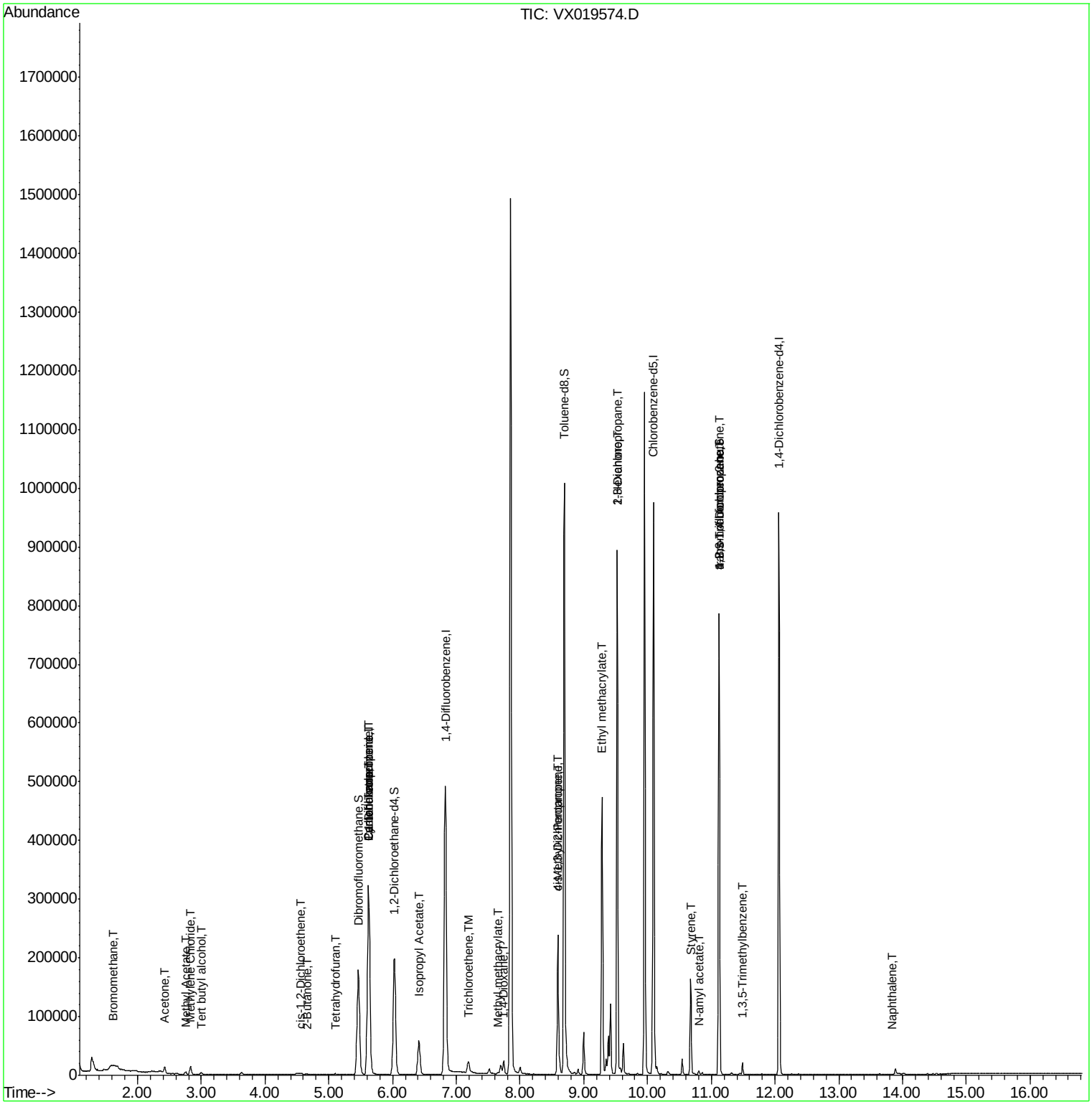
(#) = qualifier out of range (m) = manual integration (+) = signals summed

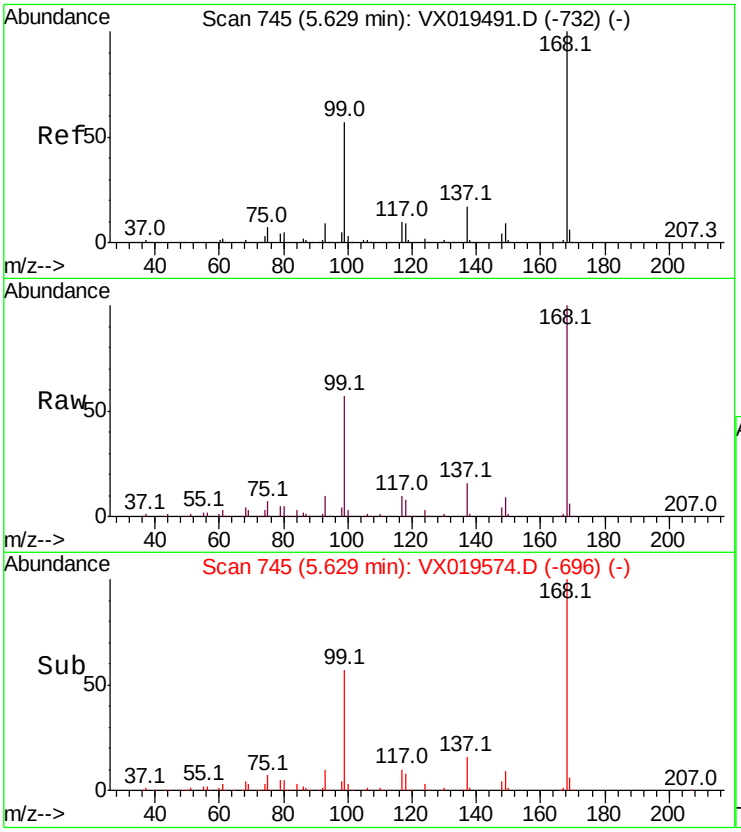
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019574.D
Acq On : 24 Nov 2020 01:12
Operator : JC/MD
Sample : PB133157ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Quant Time: Nov 24 05:16:44 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



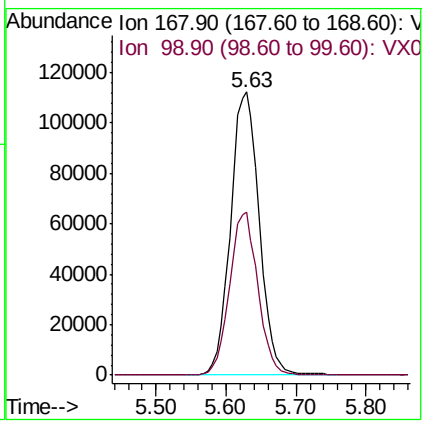


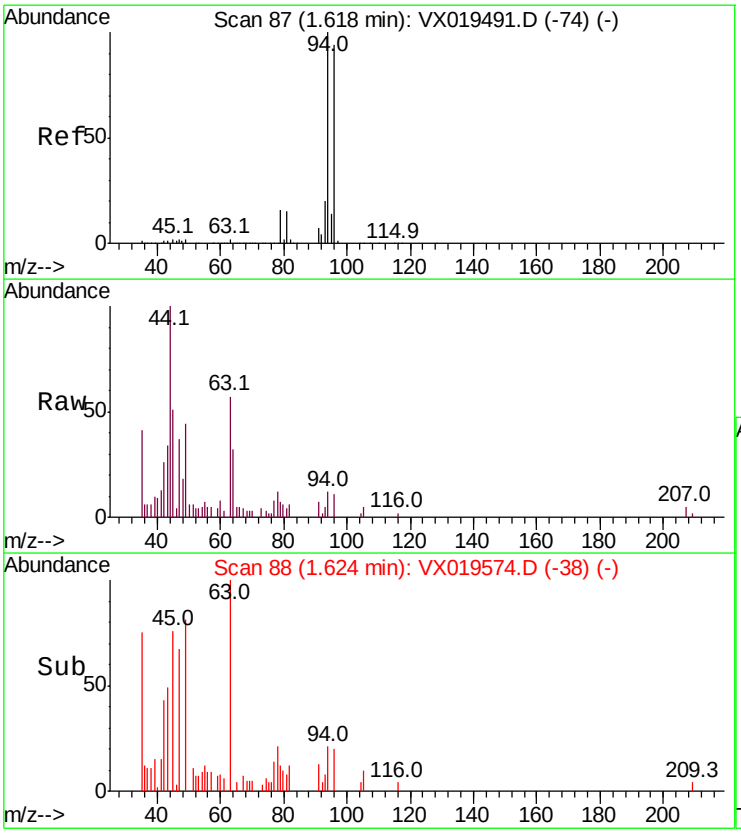
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion:168 Resp: 319558

Ion	Ratio	Lower	Upper
168	100		
99	57.4	45.8	68.6

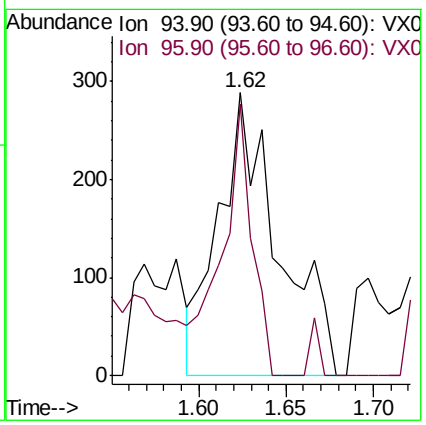


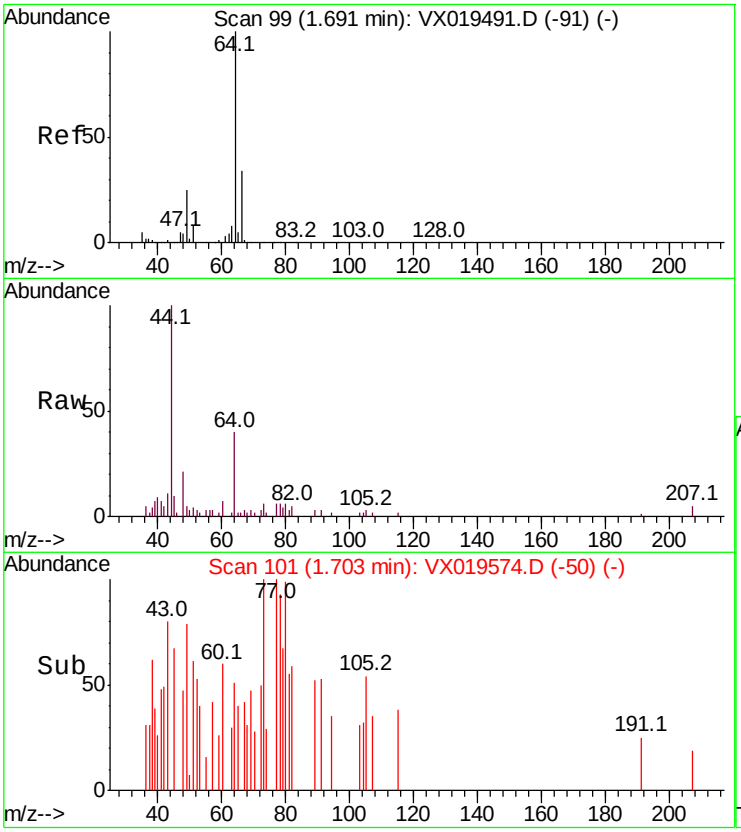


#5
Bromomethane
Concen: 0.472 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 94 Resp: 686

Ion	Ratio	Lower	Upper
94	100		
96	96.2	75.6	113.4



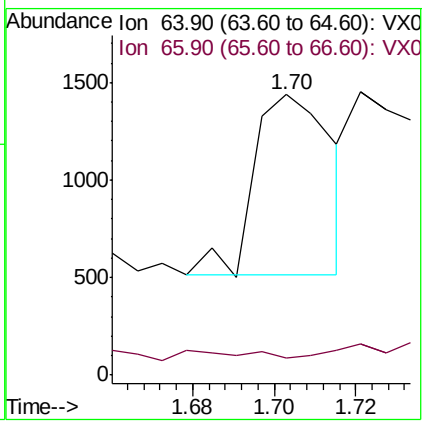


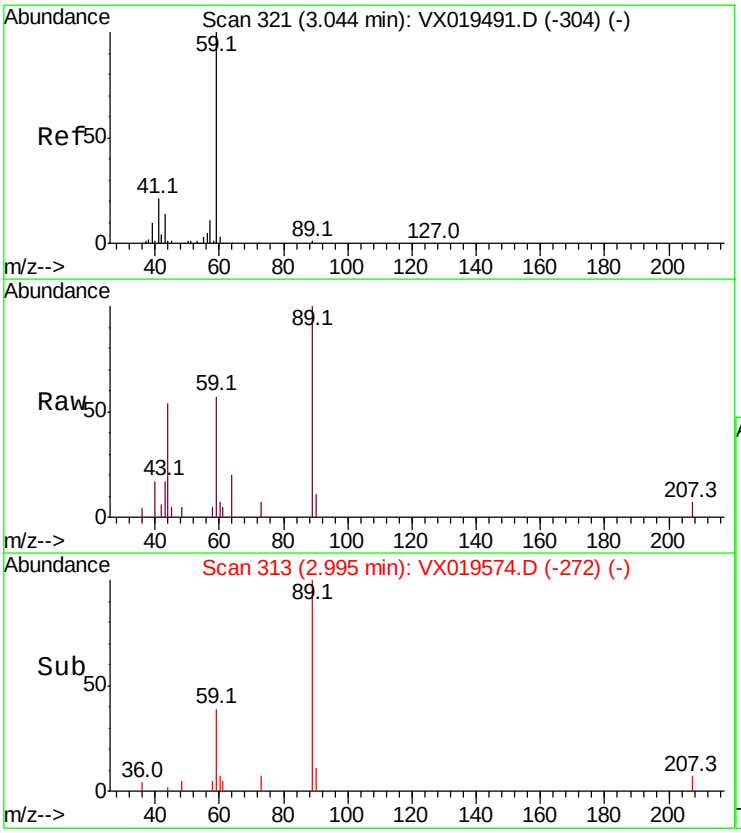
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 64 Resp: 1231

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#

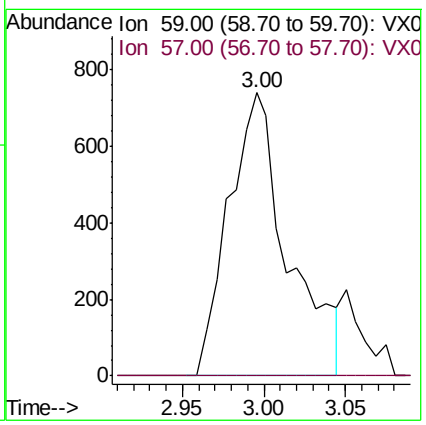


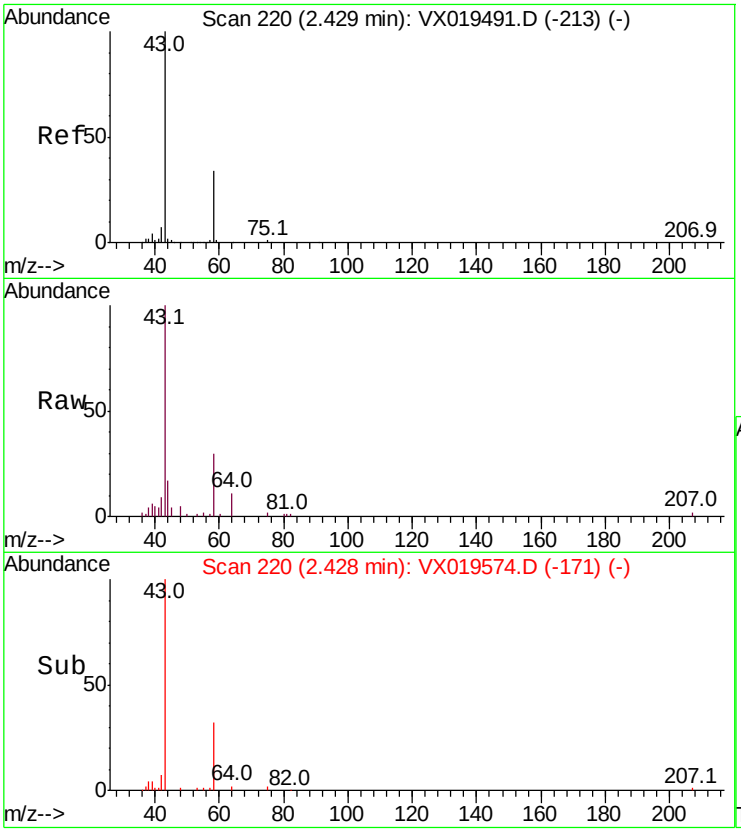


#11
Tert butyl alcohol
Concen: 2.386 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 59 Resp: 1871

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



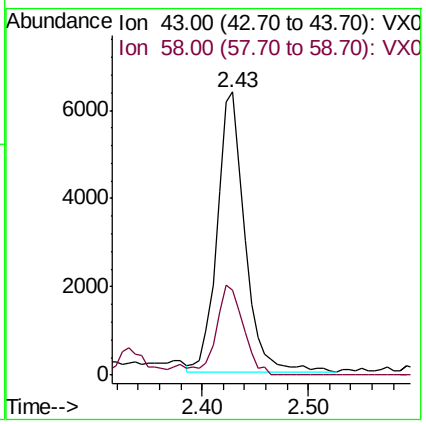


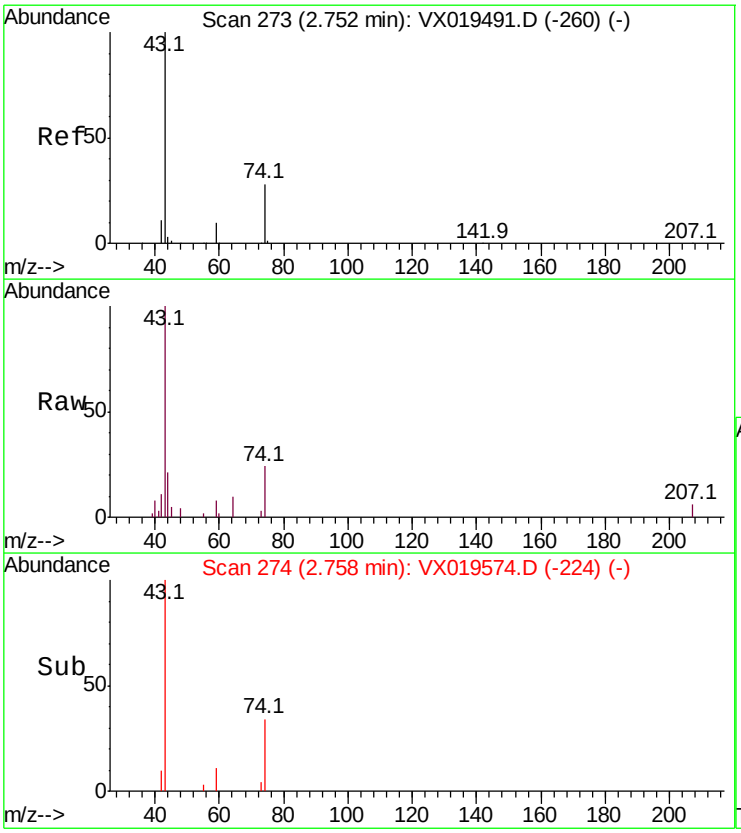
#16
Acetone
Concen: 7.215 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 43 Resp: 11561

Ion	Ratio	Lower	Upper
43	100		
58	30.6	27.4	41.2

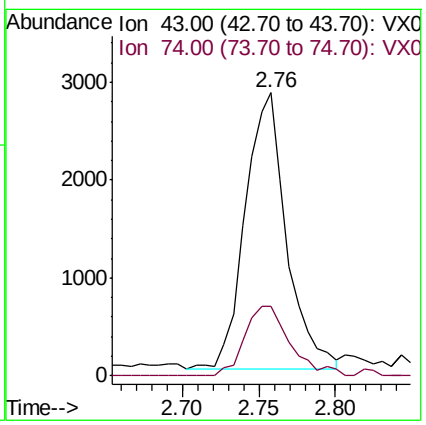


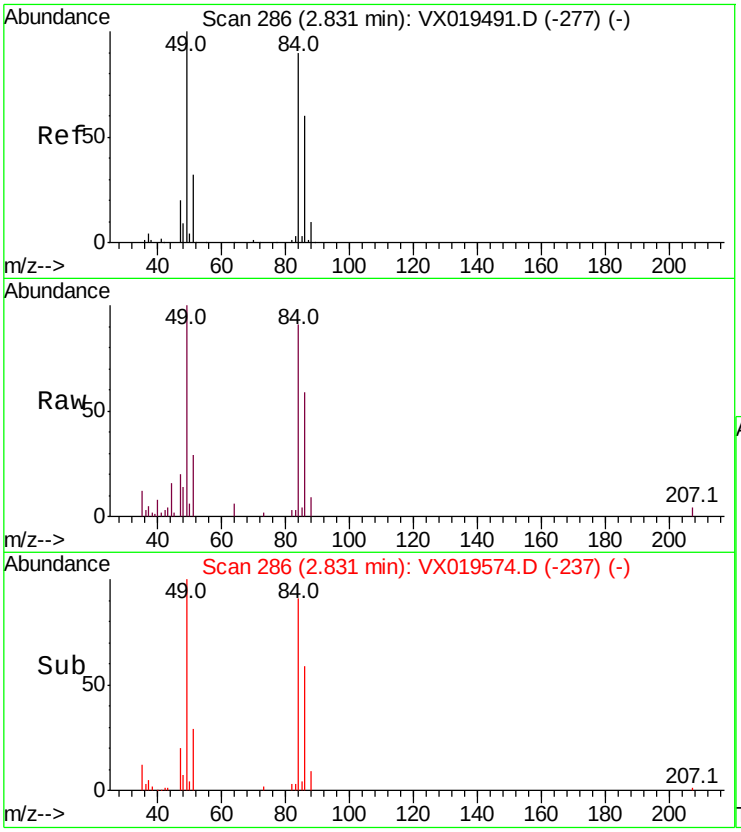


#18
Methyl Acetate
Concen: 1.960 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 43 Resp: 5275

Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.2	33.4



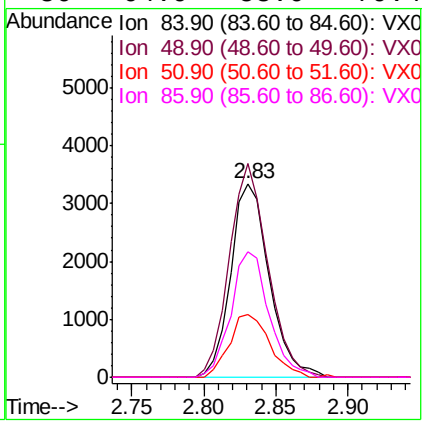


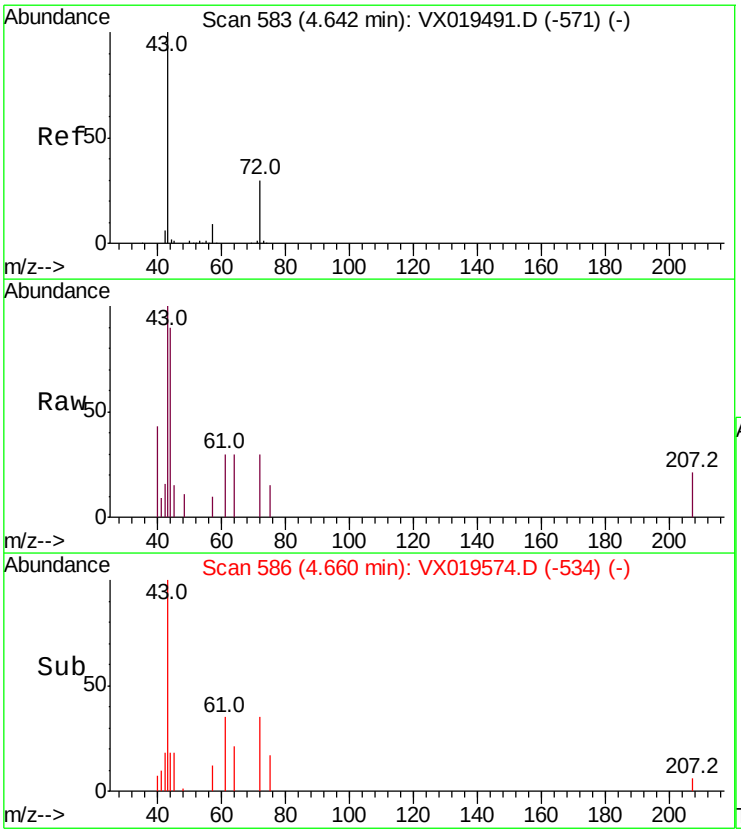
#20
Methylene Chloride
Concen: 1.559 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#04

Tgt Ion: 84 Resp: 6245

Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.5	132.7
51	32.1	28.0	42.0
86	64.9	53.0	79.4

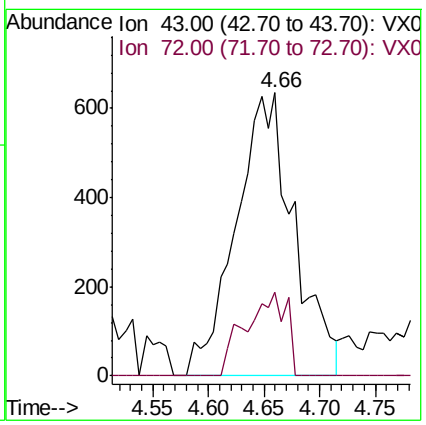


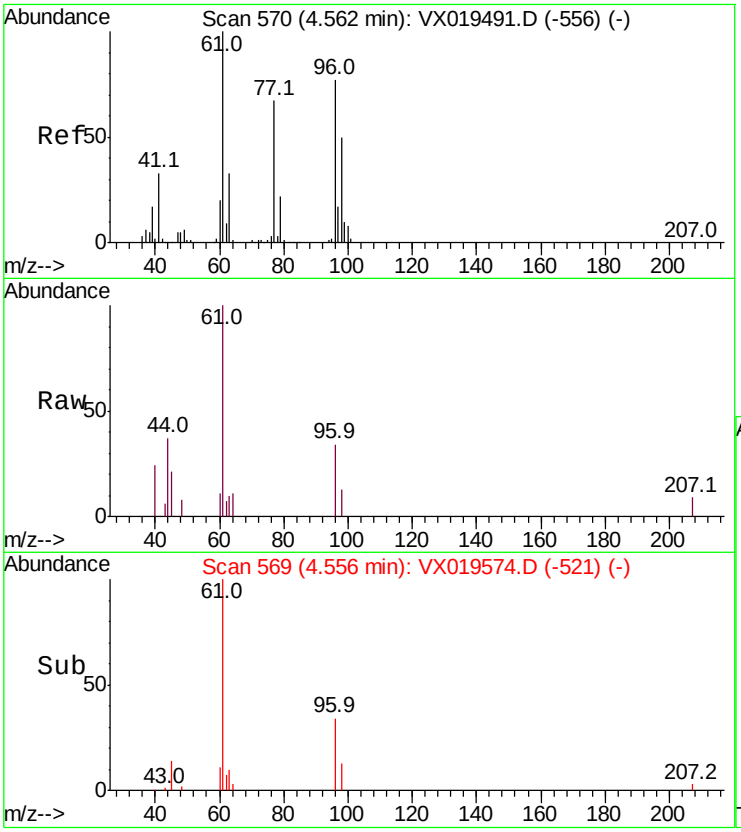


#25
2-Butanone
Concen: 0.961 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 43 Resp: 2312

Ion	Ratio	Lower	Upper
43	100		
72	29.8	24.0	36.0



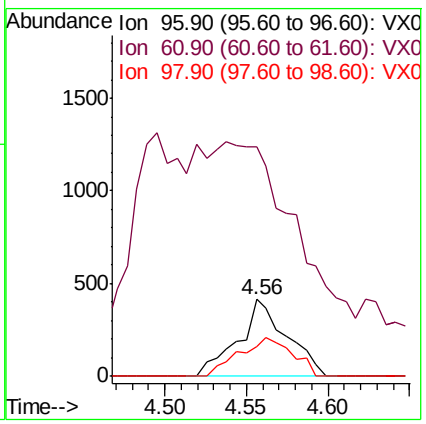


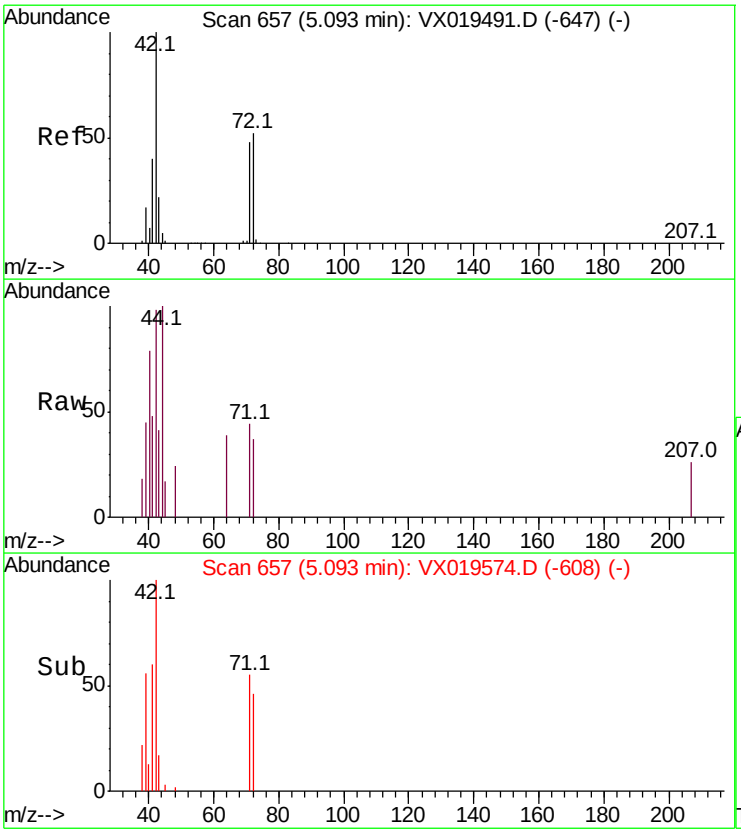
#27
cis-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 96 Resp: 861

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	279.2
98	55.2	0.0	129.8

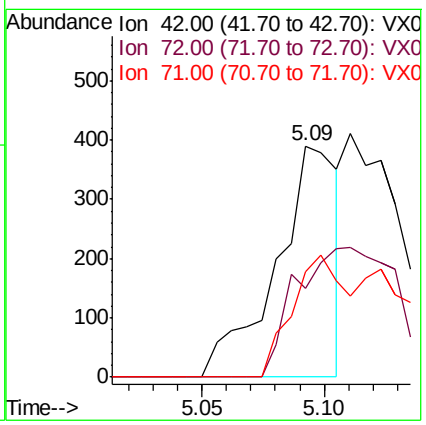


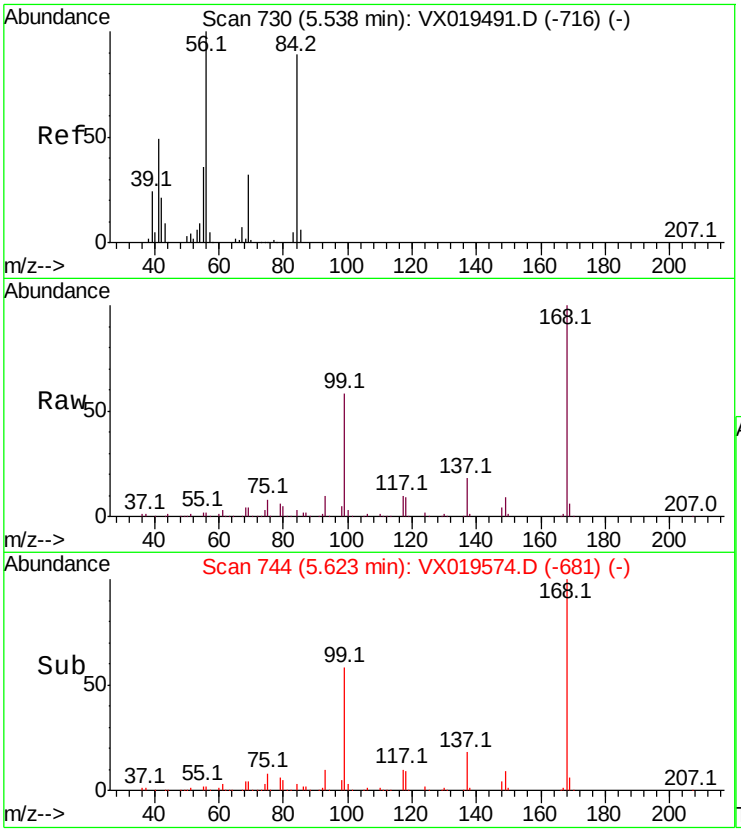


#29
Tetrahydrofuran
Concen: 0.443 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 42 Resp: 681

Ion	Ratio	Lower	Upper
42	100		
72	88.8	42.6	63.8#
71	46.3	39.0	58.6



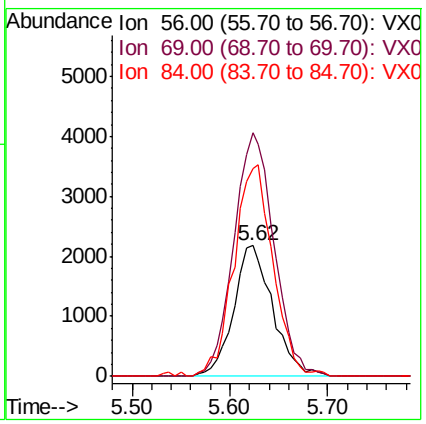


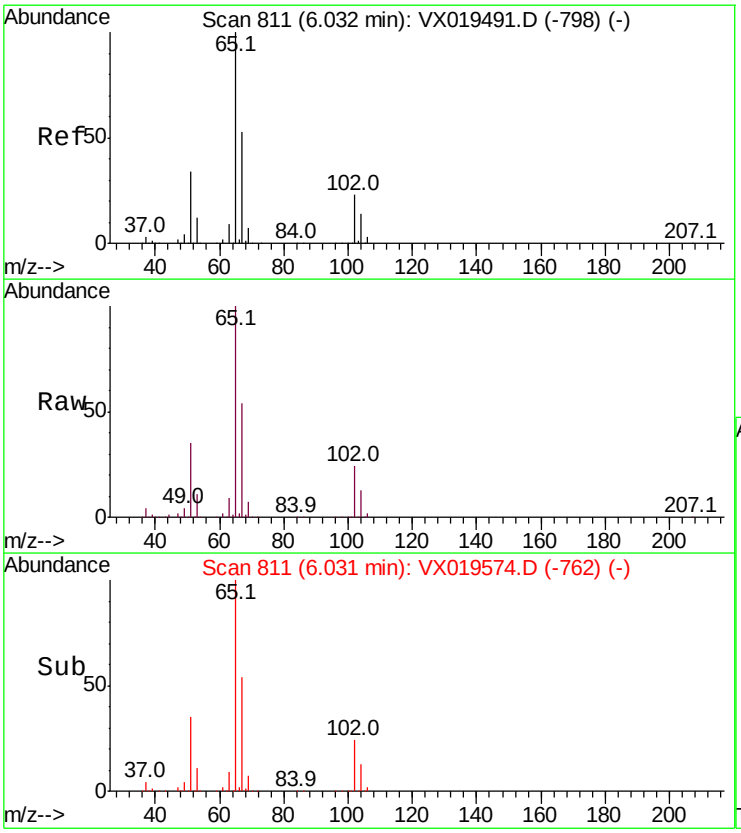
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 56 Resp: 6029

Ion	Ratio	Lower	Upper
56	100		
69	186.8	25.5	38.3#
84	159.3	71.1	106.7#

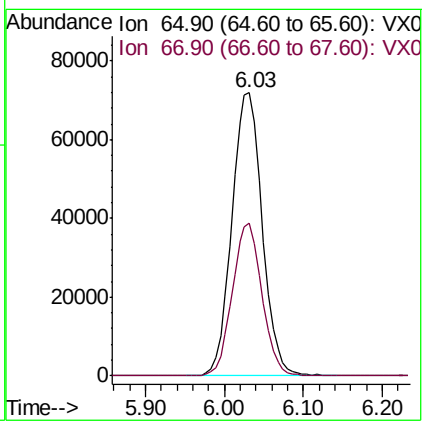


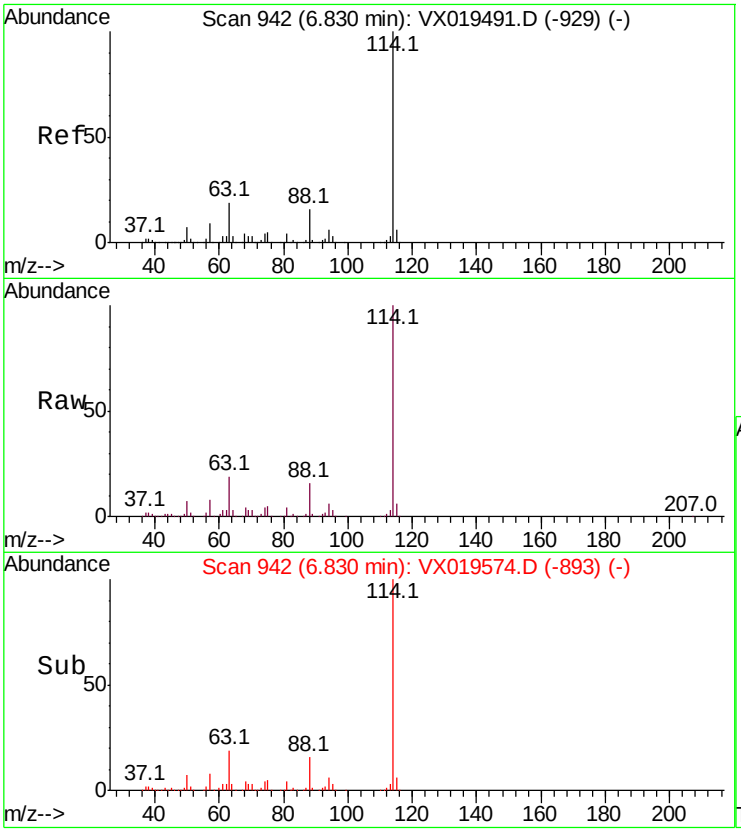


#33
1,2-Dichloroethane-d4
Concen: 46.436 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 65 Resp: 192402

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



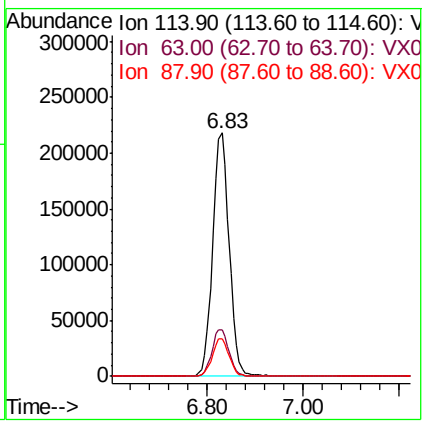


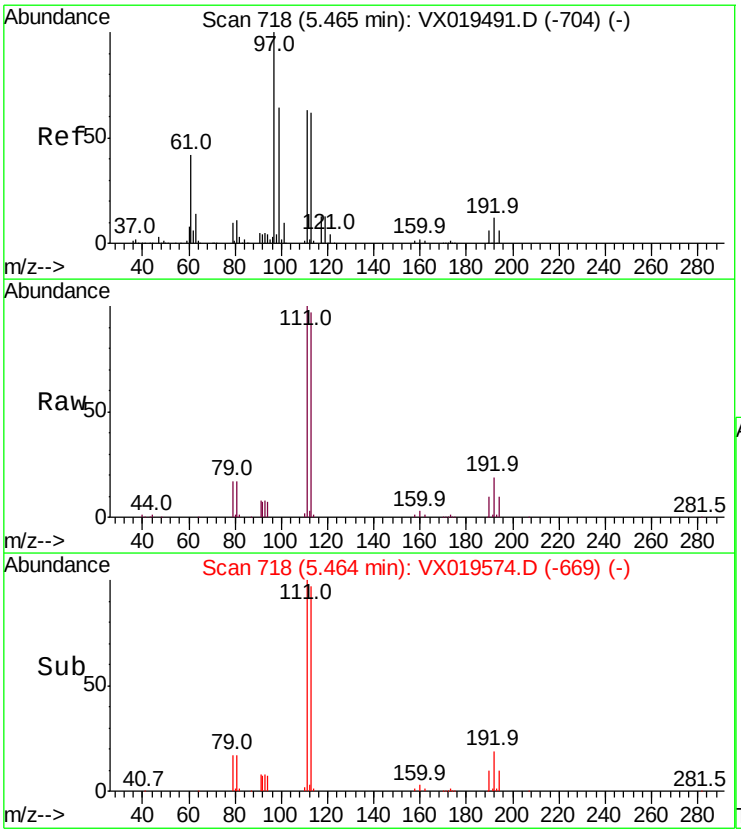
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#04

Tgt Ion:114 Resp: 522030

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	15.6	0.0	31.6

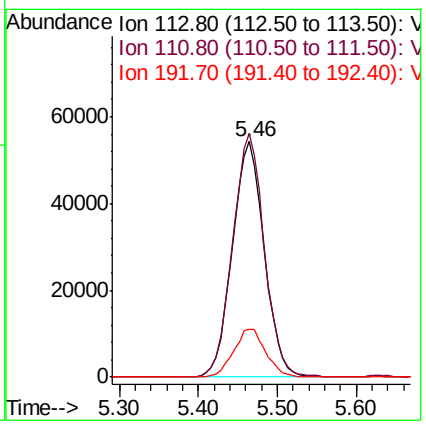


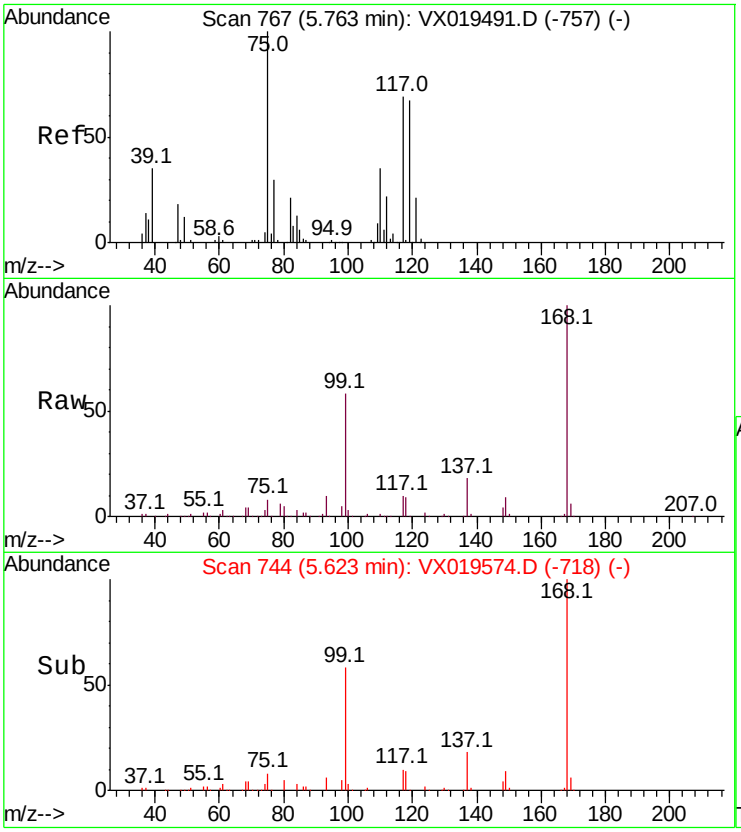


#35
Dibromofluoromethane
Concen: 46.572 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion:113 Resp: 152606

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	20.5	16.2	24.2



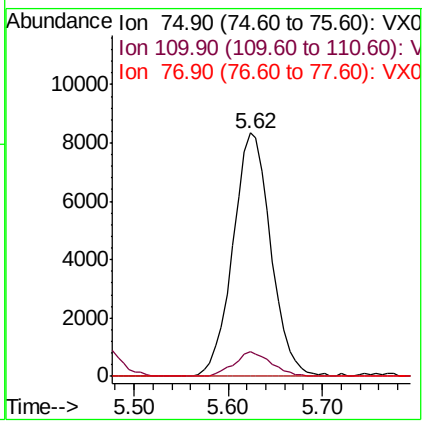


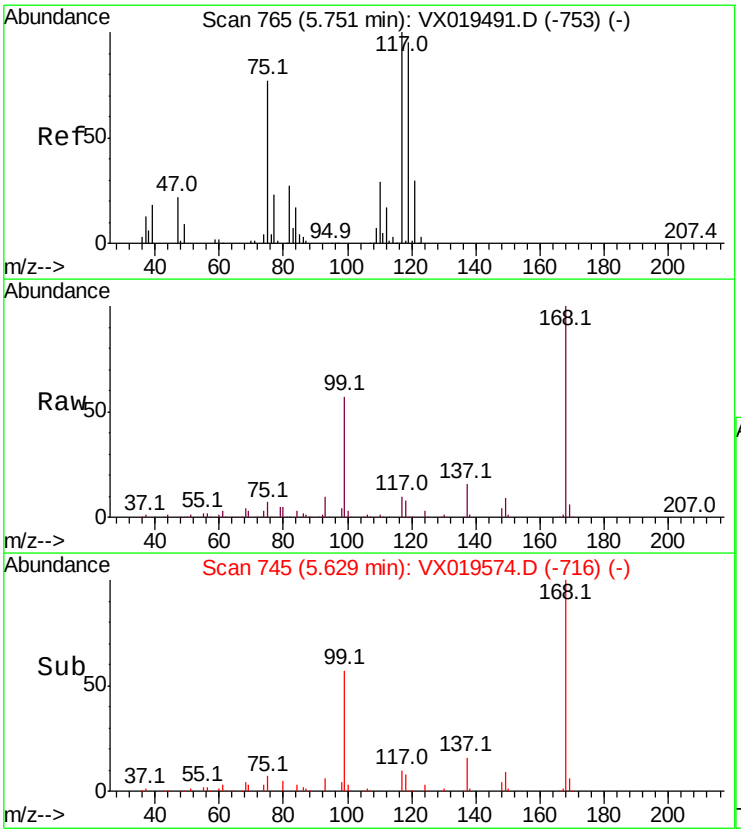
#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 75 Resp: 23447

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.3#
77	0.0	24.2	36.4#

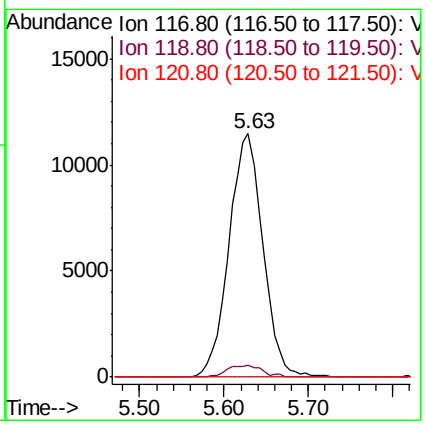


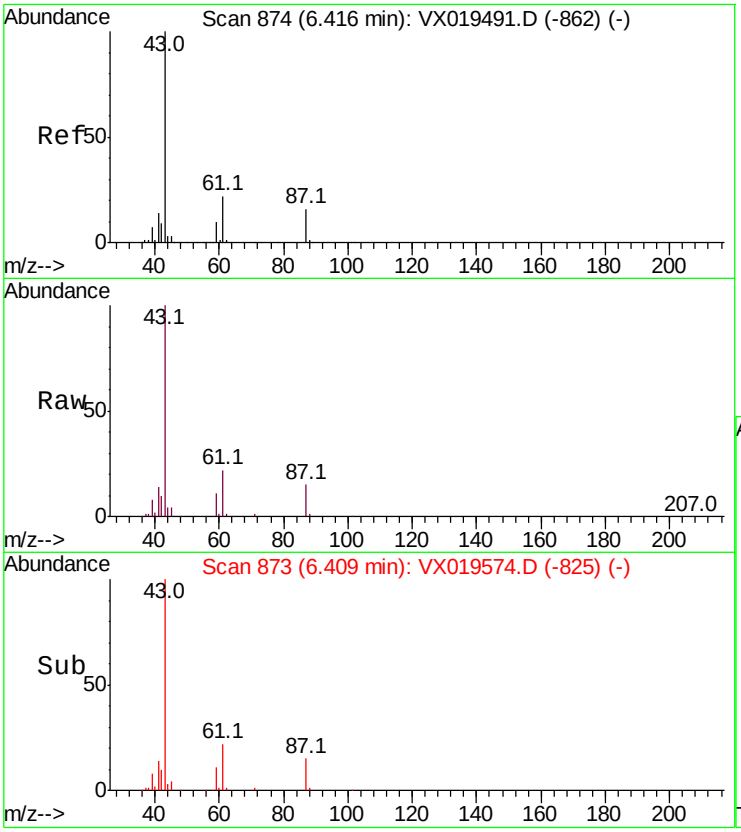


#38
Carbon Tetrachloride
Concen: 6.598 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion:117 Resp: 31256

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.9	113.9#
121	0.0	24.0	36.0#



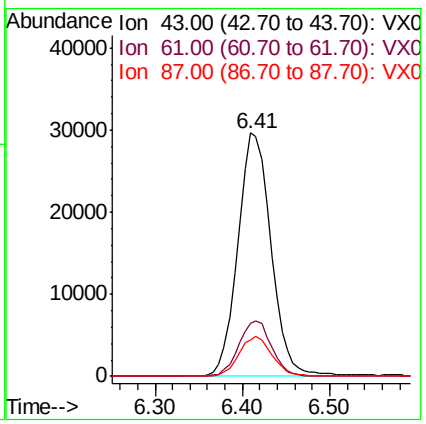


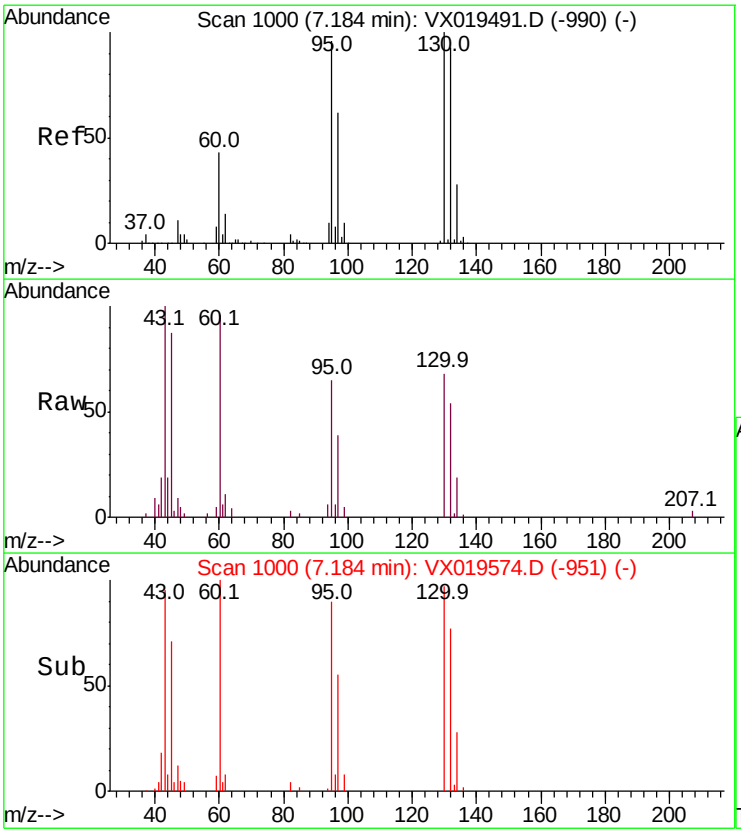
#43
Isopropyl Acetate
Concen: 10.131 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 43 Resp: 78243

Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	16.3	12.6	18.8

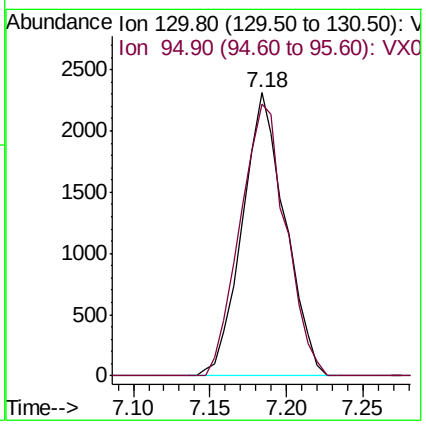


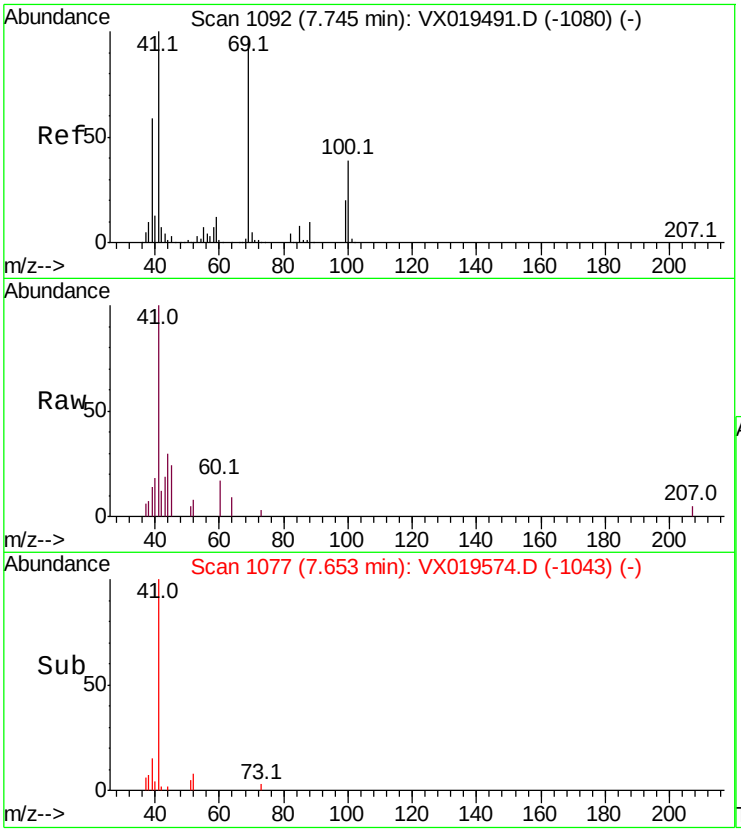


#44
Trichloroethene
Concen: 1.146 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion:130 Resp: 4513

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	191.2



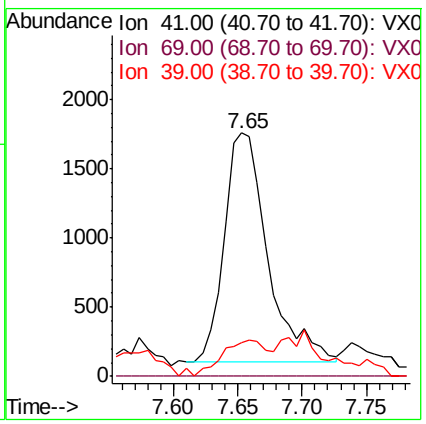


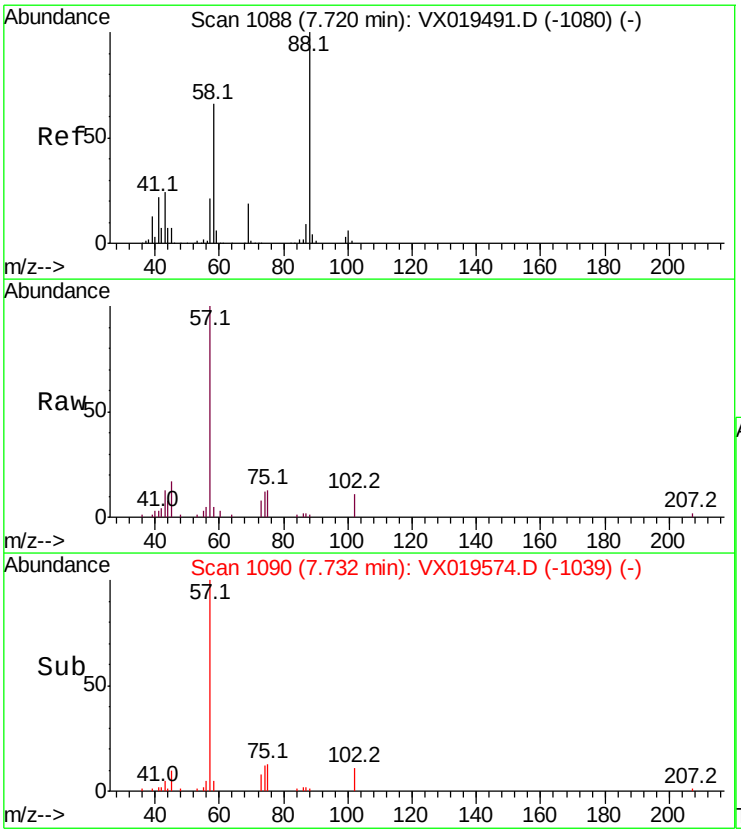
#48
Methyl methacrylate
Concen: 1.082 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#04

Tgt Ion: 41 Resp: 3915

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

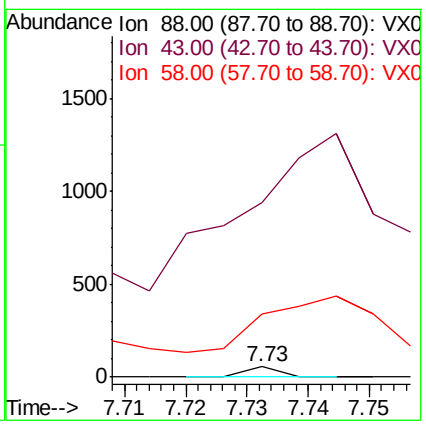


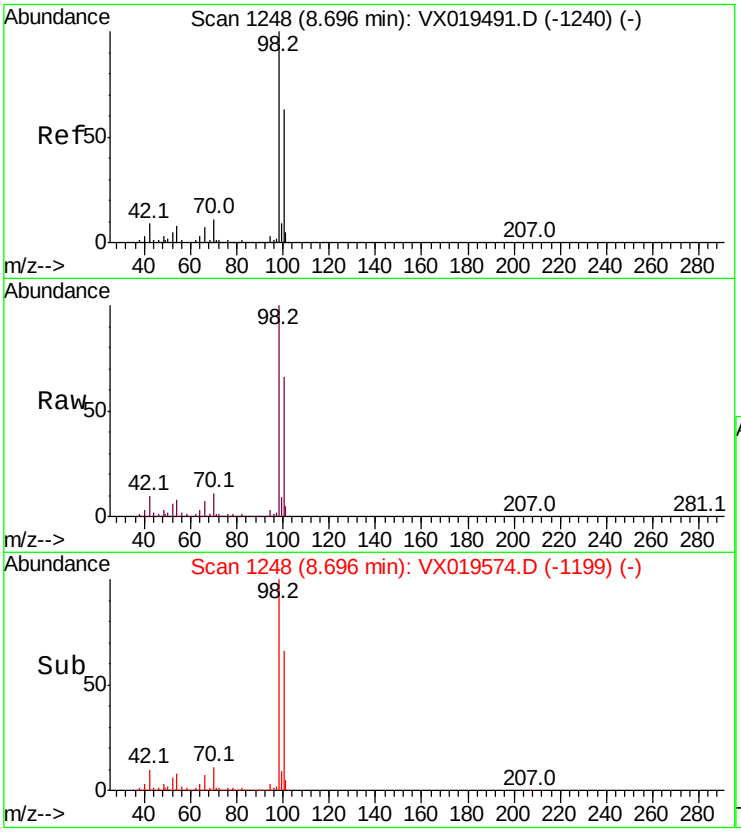


#49
1,4-Dioxane
Concen: 0.244 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.6#
58	3720.0	54.2	81.2#



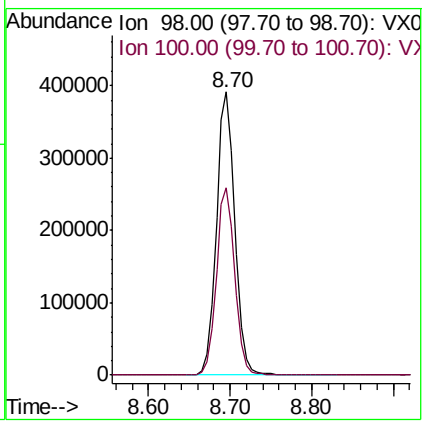


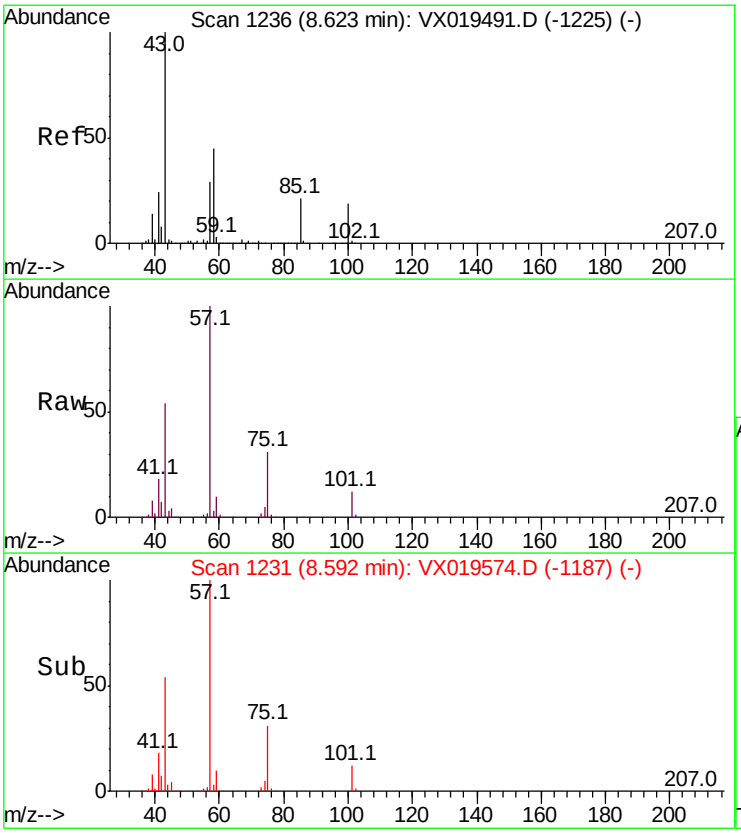
#50
Toluene-d8
Concen: 48.554 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 98 Resp: 618246

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6

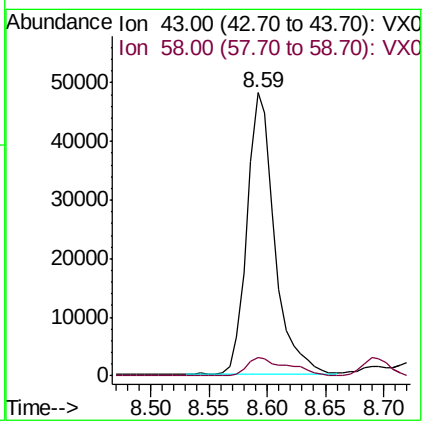


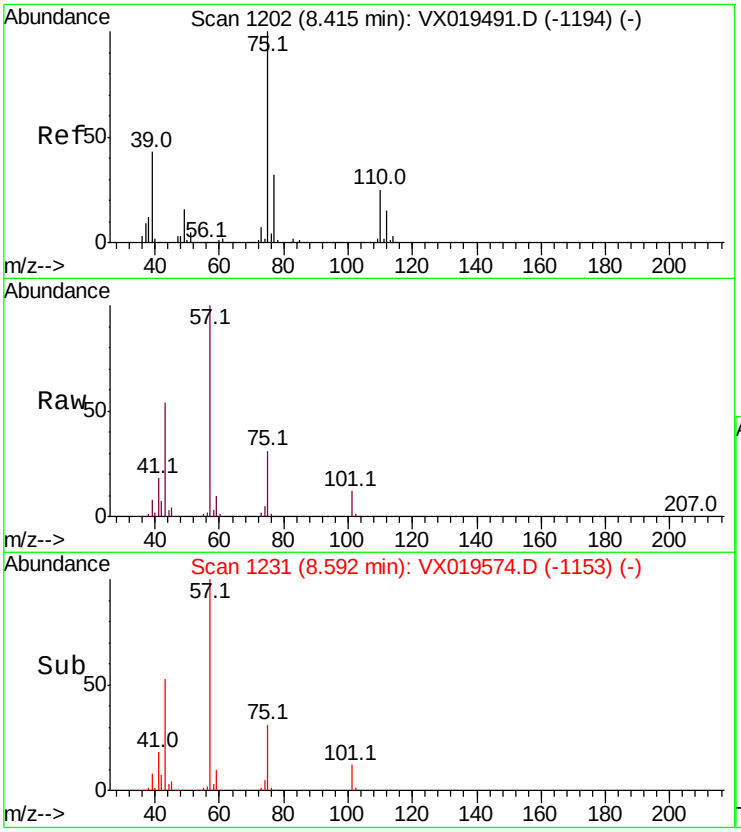


#51
4-Methyl-2-Pentanone
Concen: 17.625 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 43 Resp: 79380

Ion	Ratio	Lower	Upper
43	100		
58	9.6	35.1	52.7#



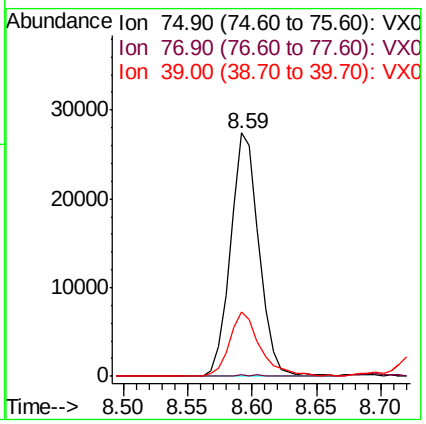


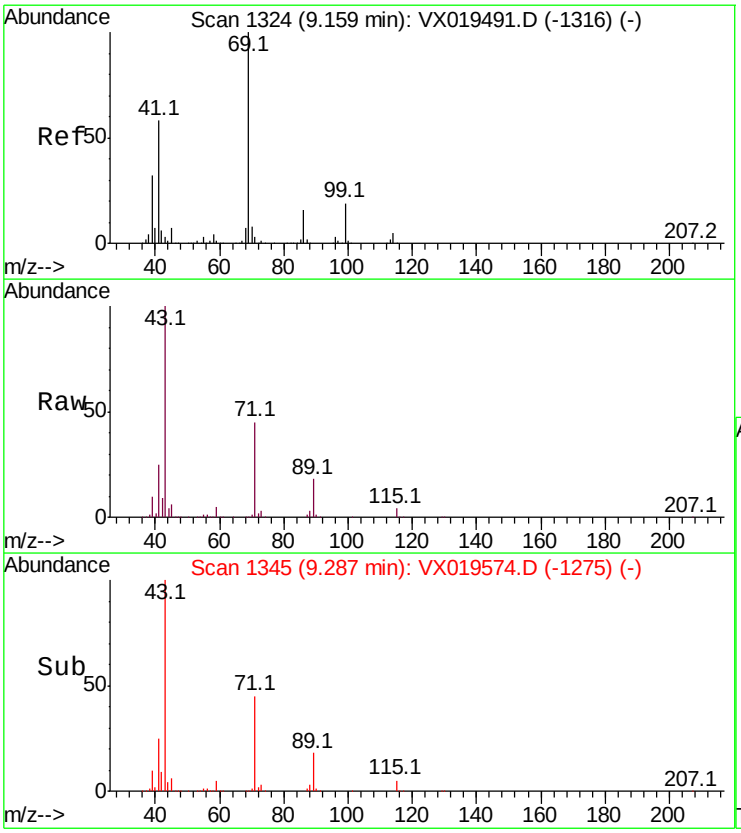
#54
cis-1,3-Dichloropropene
Concen: 7.148 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 75 Resp: 42120

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.8	38.6#
39	26.4	34.6	51.8#

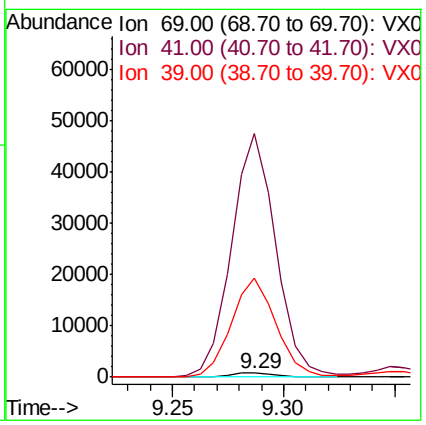


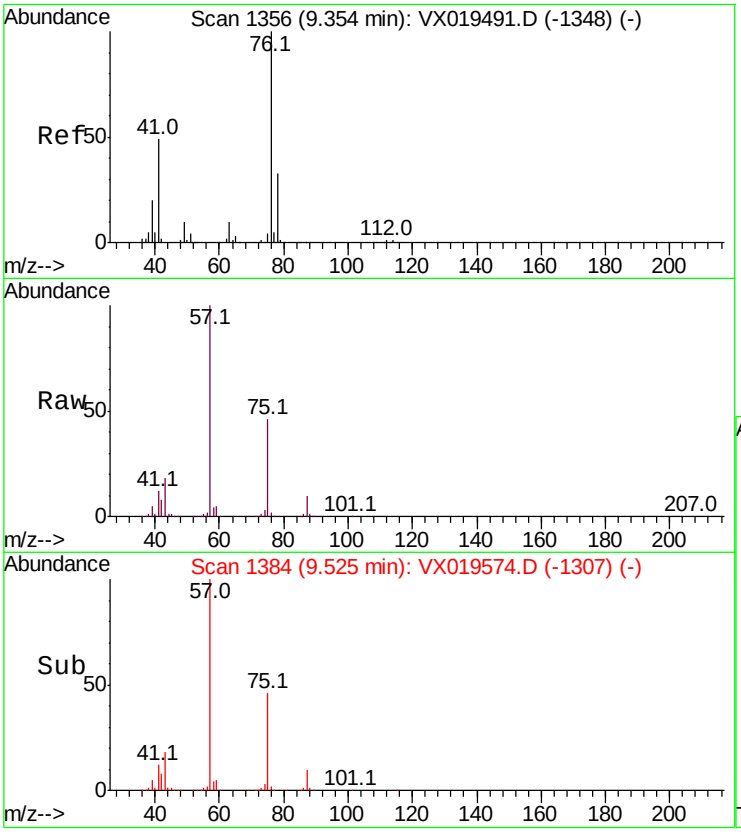


#56
Ethyl methacrylate
Concen: 0.222 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 69 Resp: 1176

Ion	Ratio	Lower	Upper
69	100		
41	5627.3	46.2	69.2#
39	2327.5	25.5	38.3#



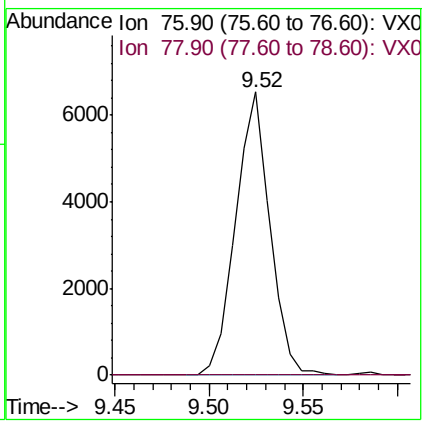


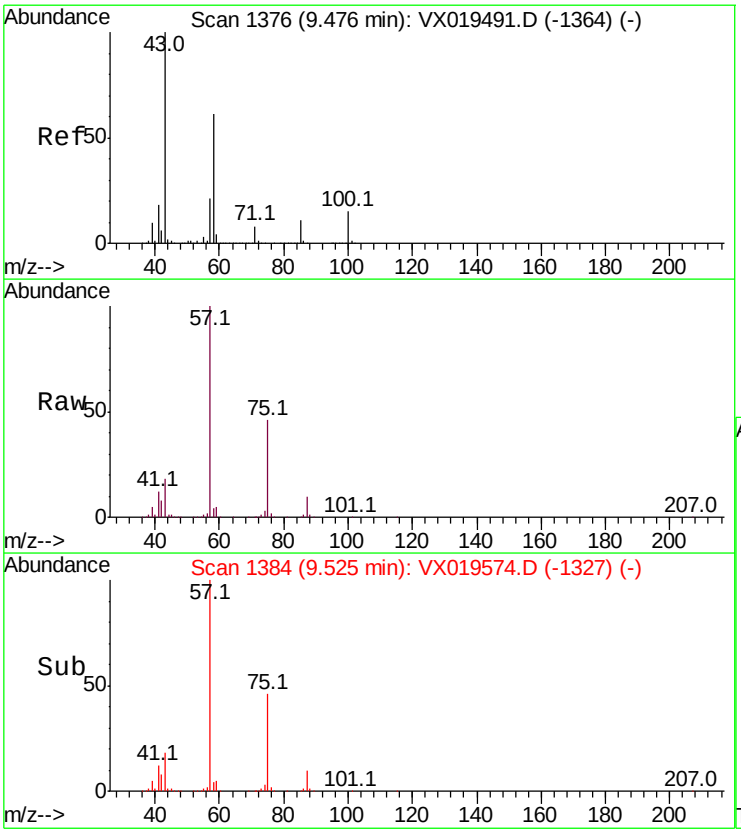
#57
1,3-Dichloropropane
Concen: 1.313 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 76 Resp: 8238

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

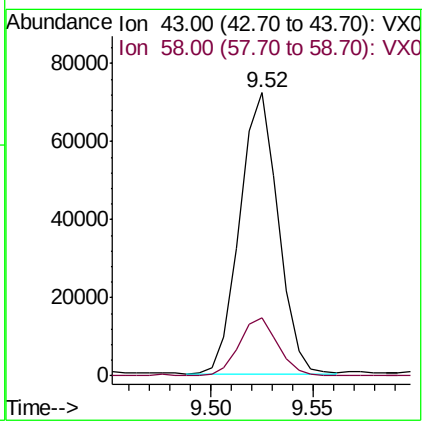


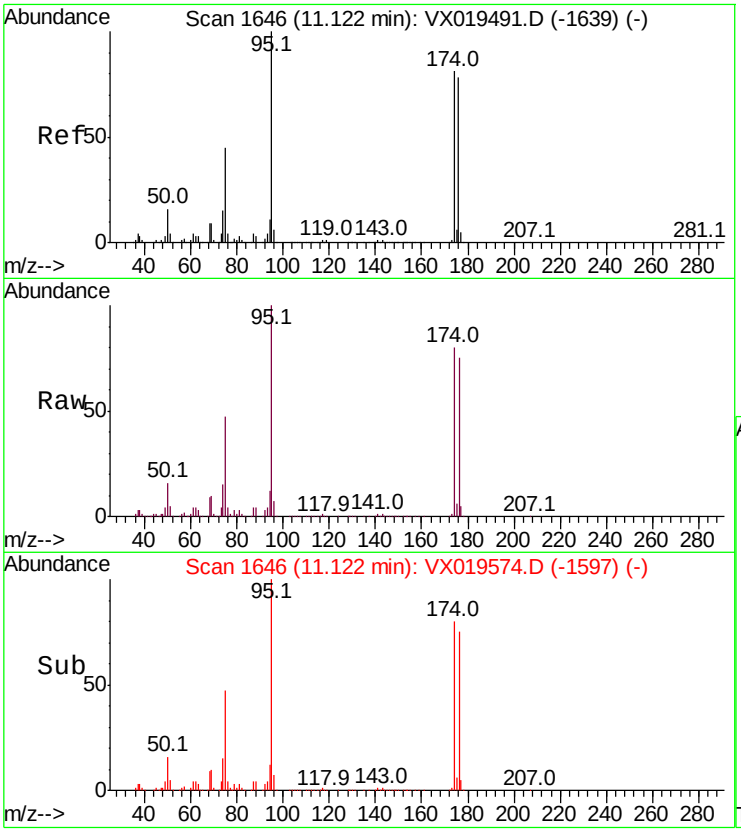


#59
2-Hexanone
Concen: 27.704 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 43 Resp: 94629

Ion	Ratio	Lower	Upper
43	100		
58	20.7	30.6	91.6#



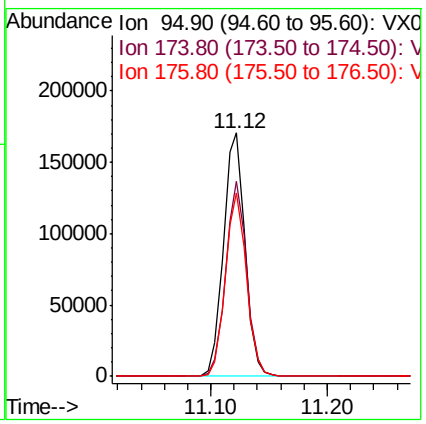


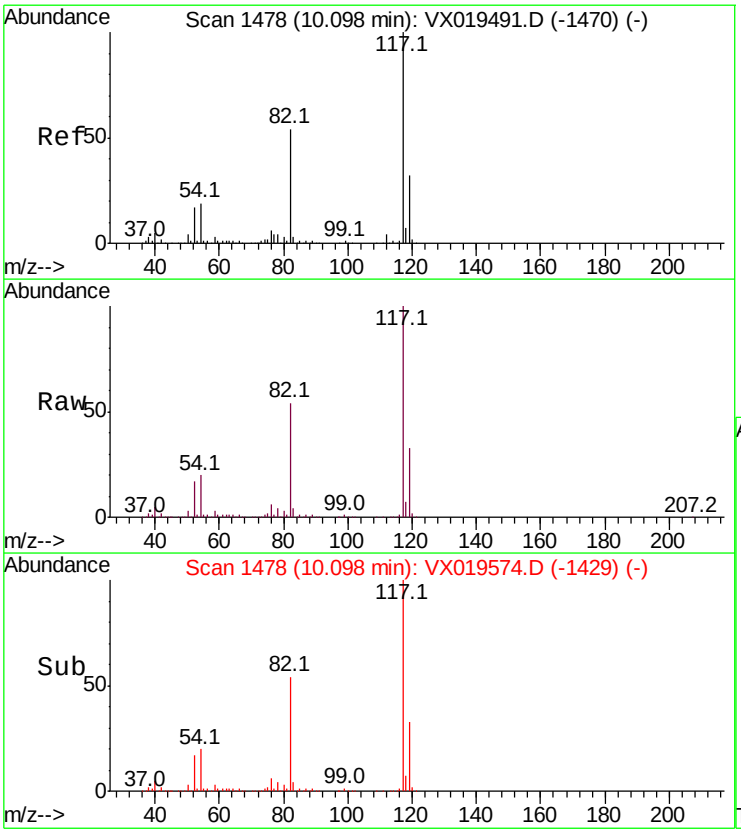
#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion: 95 Resp: 217409

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	156.2
176	74.0	0.0	151.4

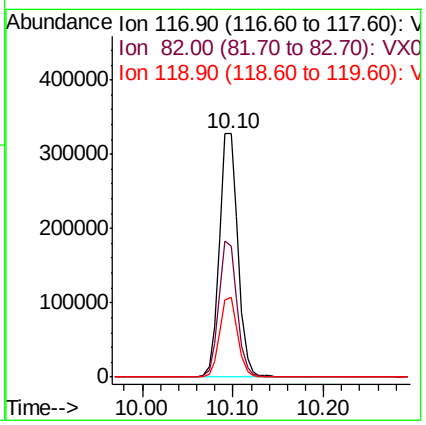


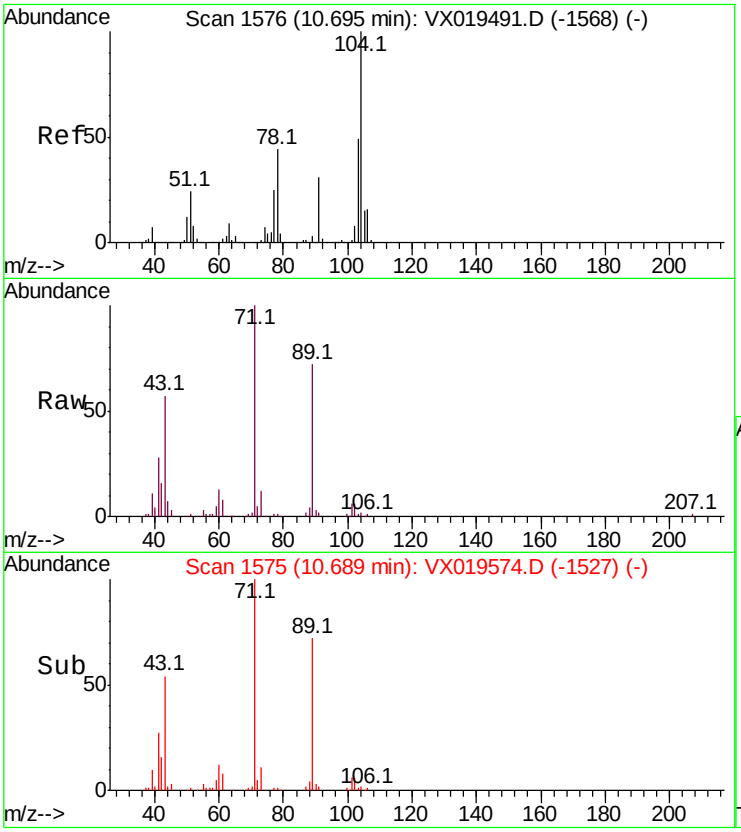


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion:117 Resp: 464864

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	32.6	25.6	38.4



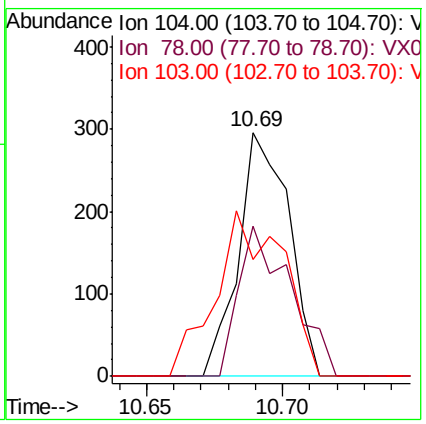


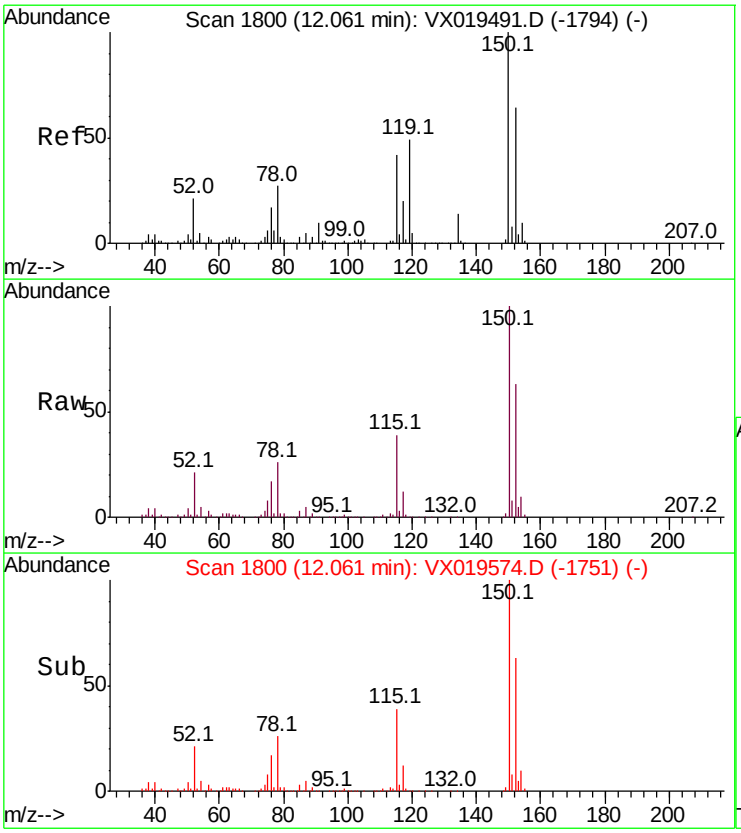
#70
Stvrene
Concen: 1.679 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion:104 Resp: 377

Ion	Ratio	Lower	Upper
104	100		
78	64.2	39.5	59.3#
103	91.5	43.6	65.4#

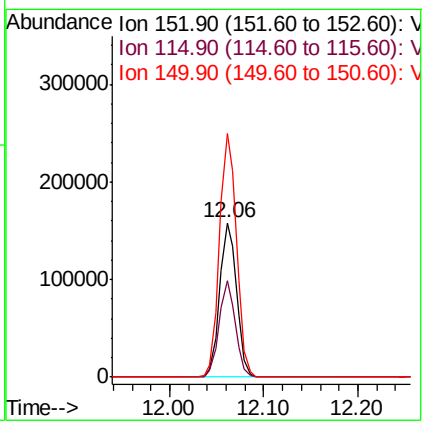


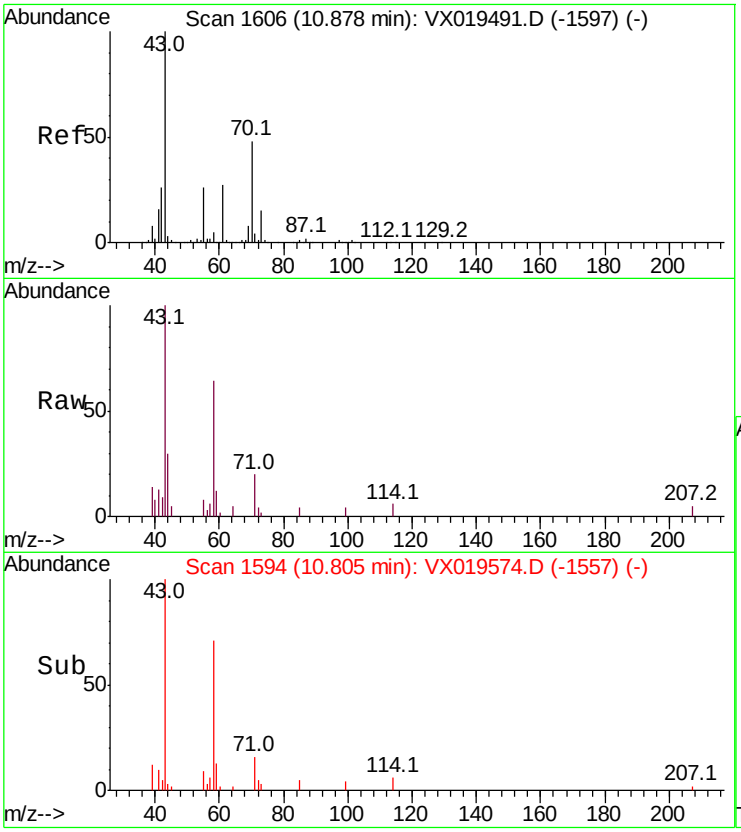


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion:152 Resp: 196426

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.8	125.4
150	159.1	0.0	348.2



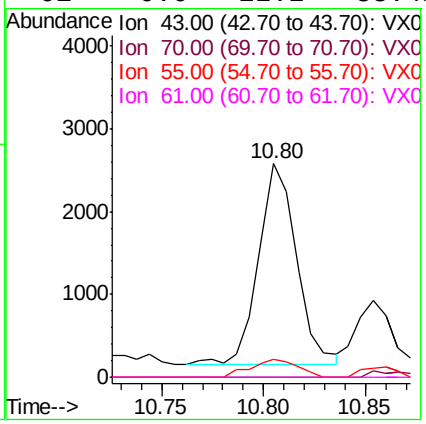


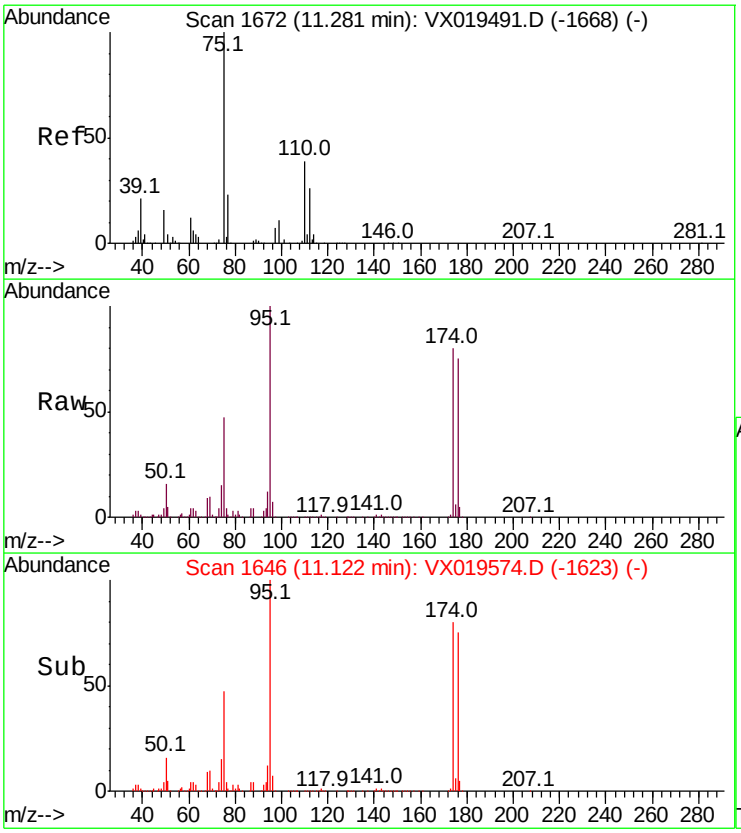
#74
N-amyl acetate
Concen: 0.616 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument : MSVOA_X
ClientSampleId : PB133157ZHE#04

Tgt Ion: 43 Resp: 3136

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	10.9	21.8	32.6#
61	0.0	22.2	33.4#

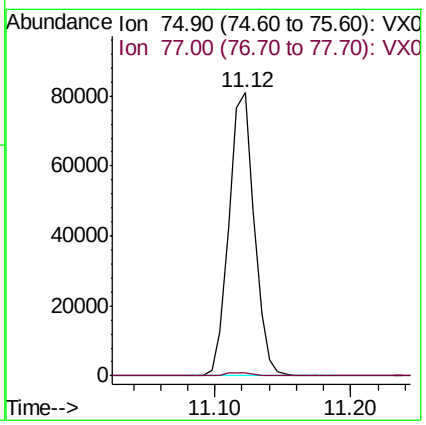


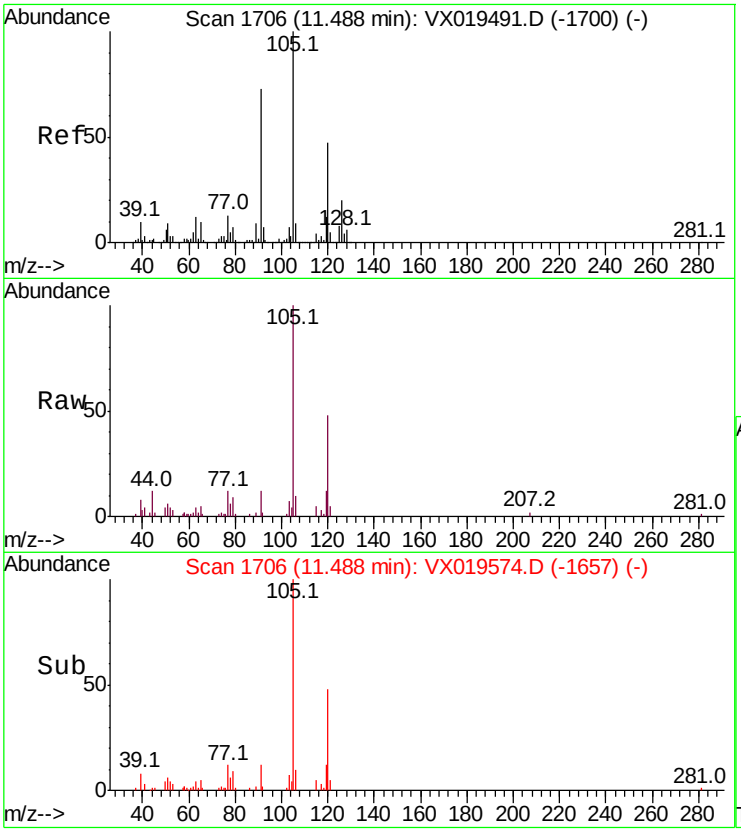


#76
1,2,3-Trichloropropane
Concen: 24.464 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 75 Resp: 104870

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#



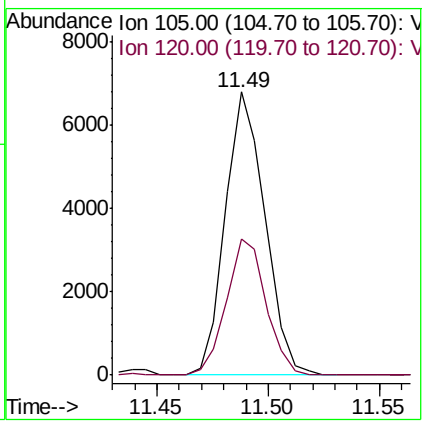


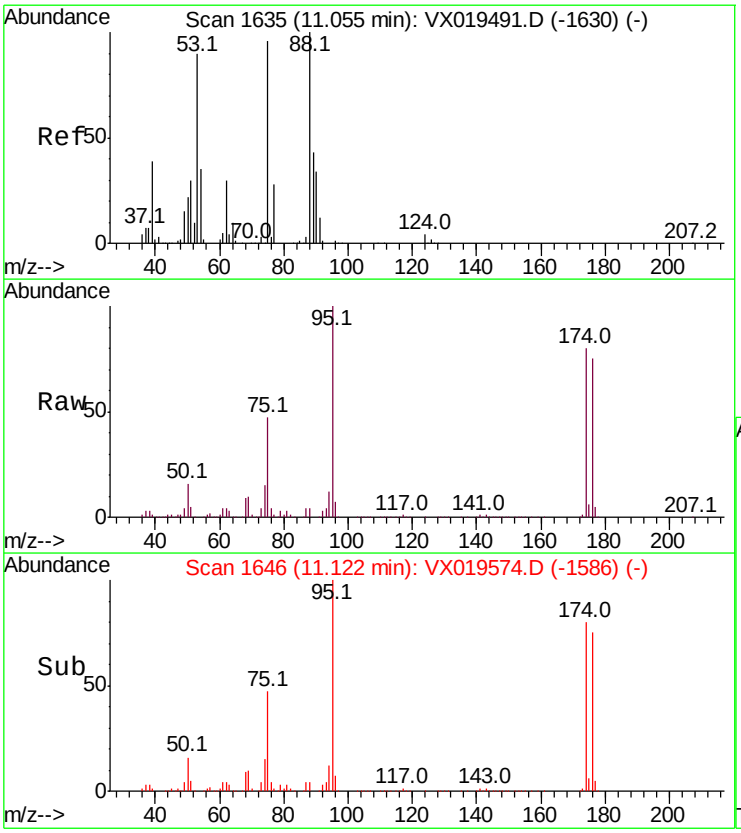
#80
1,3,5-Trimethylbenzene
Concen: 0.737 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion:105 Resp: 8400

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.3

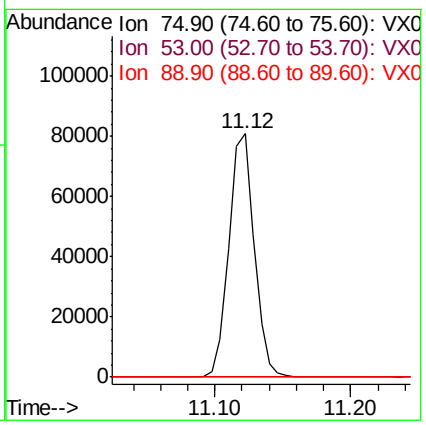


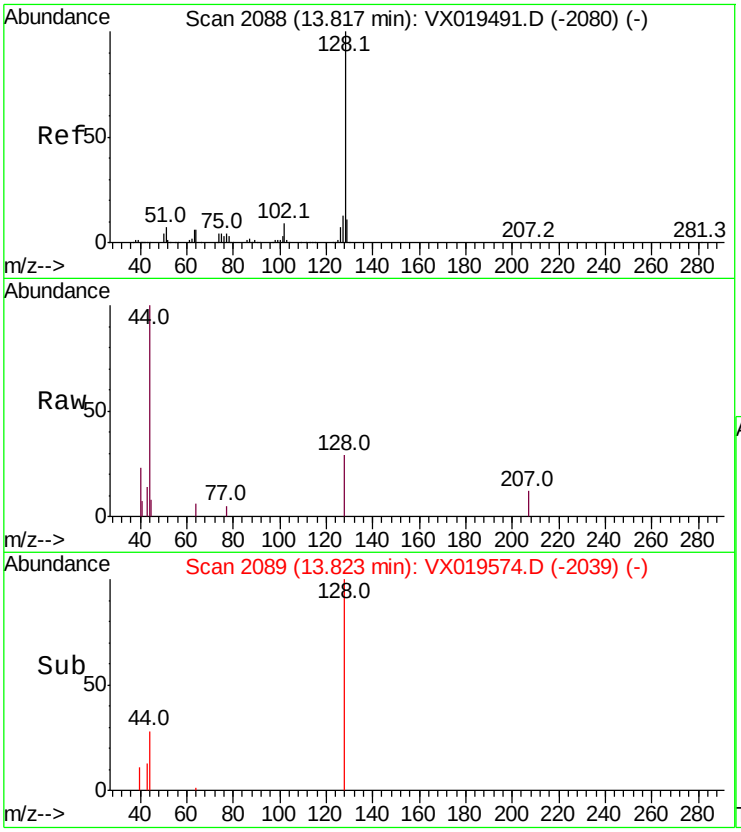


#81
trans-1,4-Dichloro-2-butene
Concen: 64.715 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Tgt Ion: 75 Resp: 104870

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





#95
Naphthalene
Concen: 2.206 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX019574.D
Acq: 24 Nov 2020 01:12

Instrument :
MSVOA_X
ClientSampleId :
PB133157ZHE#04

Tgt Ion:128 Resp: 428

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#