Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
Data File : VX002871.D
Acq On : 25 Jun 2018 20:48
Operator : JC/MD
Sample : J3592-02DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0627DL

Quant Time: Jun 27 05:26:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	254592	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	356869	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	328234	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186631	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	170879	48.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.12%				
35) Dibromofluoromethane	5.51	113	133489	47.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.46%				
50) Toluene-d8	8.72	98	501475	48.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.18%				
62) 4-Bromofluorobenzene	11.14	95	179183	45.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	1864	0.52	ug/l		96
3) Chloromethane	1.32	50	1169	Below Cal			94
4) Vinyl Chloride	1.40	62	144883	50.32	ug/l		100
5) Bromomethane	1.65	94	2466	Below Cal			93
6) Chloroethane	1.64	64	547	Below Cal		#	64
10) Methyl Iodide	2.52	142	3807	7.39	ug/l	#	92
11) Tert butyl alcohol	3.08	59	461	0.66	ug/l	#	77
12) 1,1-Dichloroethene	2.37	96	1556	0.62	ug/l	#	83
13) Acrolein	2.29	56	289	4.96	ug/l	#	34
15) Acrylonitrile	3.15	53	534	0.36	ug/l	#	83
16) Acetone	2.45	43	10843	7.44	ug/l		95
17) Carbon Disulfide	2.57	76	4405	0.66	ug/l		98
20) Methylene Chloride	2.86	84	1880	0.66	ug/l		92
21) trans-1,2-Dichloroethene	3.17	96	13232	4.84	ug/l		99
25) 2-Butanone	4.71	43	2252	1.04	ug/l		100
27) cis-1,2-Dichloroethene	4.60	96	213254	69.55	ug/l		83
29) Tetrahydrofuran	5.17	42	612	0.44	ug/l	#	52
36) 1,1-Dichloropropene	5.67	75	17191	4.39	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24006	5.59	ug/l	#	15
44) Trichloroethene	7.21	130	31572	9.31	ug/l		99
51) 4-Methyl-2-Pentanone	8.66	43	1591	0.36	ug/l	#	87
59) 2-Hexanone	9.51	43	2575	0.77	ug/l		73
68) m/p-Xylenes	10.36	106	1074	0.20	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	95173	28.15	ug/l	#	33
78) n-propylbenzene	11.37	91	3895	0.27	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	95173	79.55	ug/l	#	7
85) sec-Butylbenzene	11.95	105	2842	0.22	ug/l		84
89) n-Butylbenzene	12.39	91	1997	0.20	ug/l		91
90) Hexachloroethane	12.70	117	1064	0.63	ug/l	#	1
94) Hexachlorobutadiene	13.79	225	482	0.20	ug/l		80

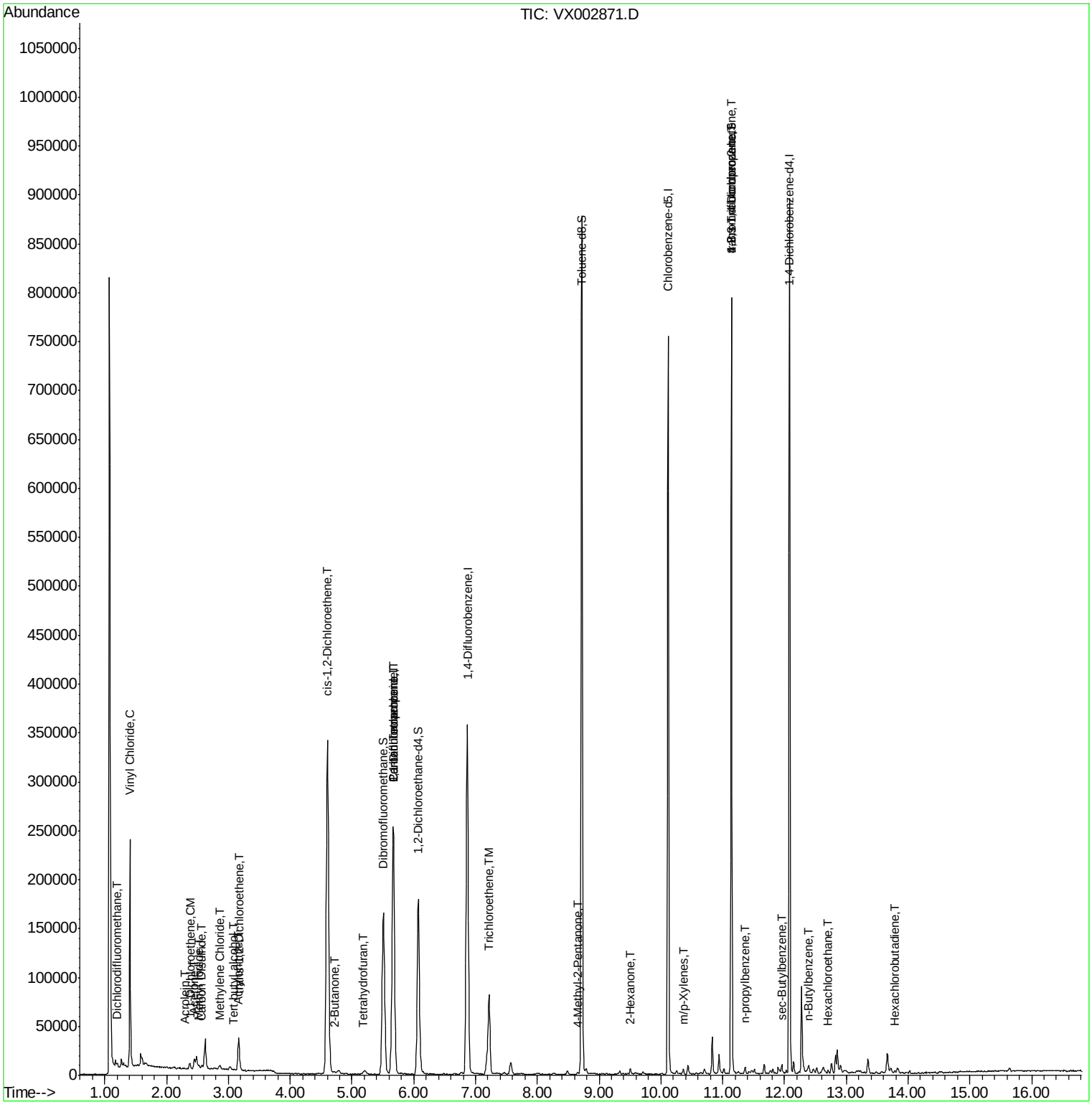
(#) = qualifier out of range (m) = manual integration (+) = signals summed

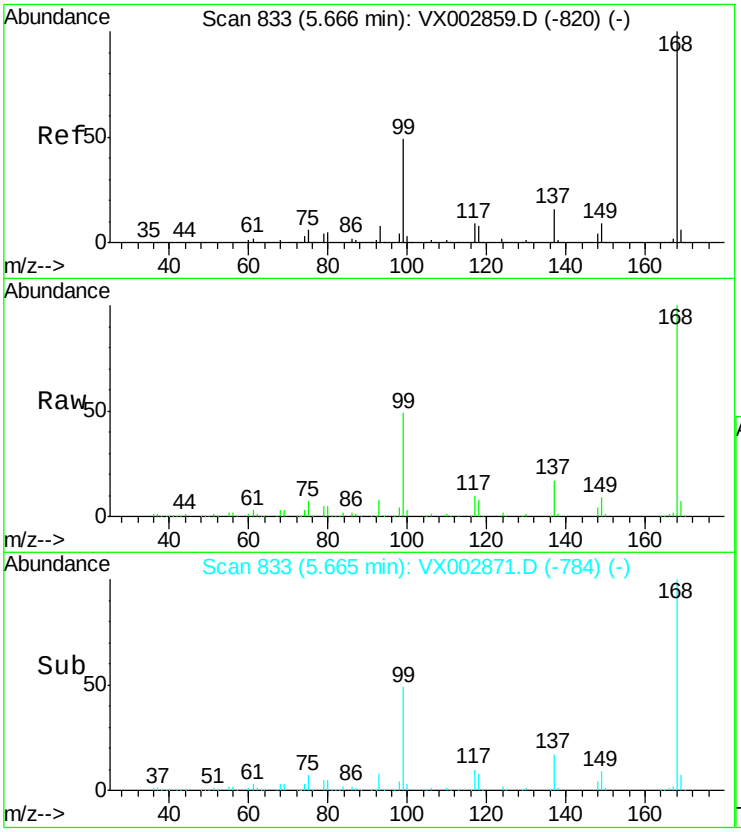
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
Data File : VX002871.D
Acq On : 25 Jun 2018 20:48
Operator : JC/MD
Sample : J3592-02DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Quant Time: Jun 27 05:26:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



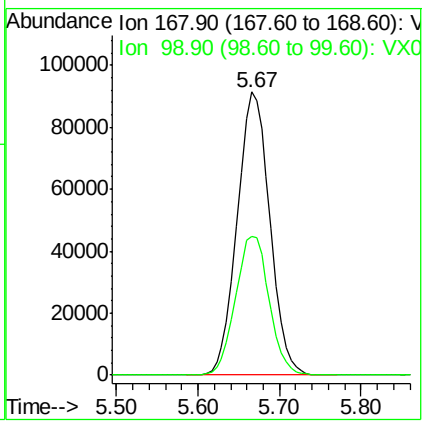


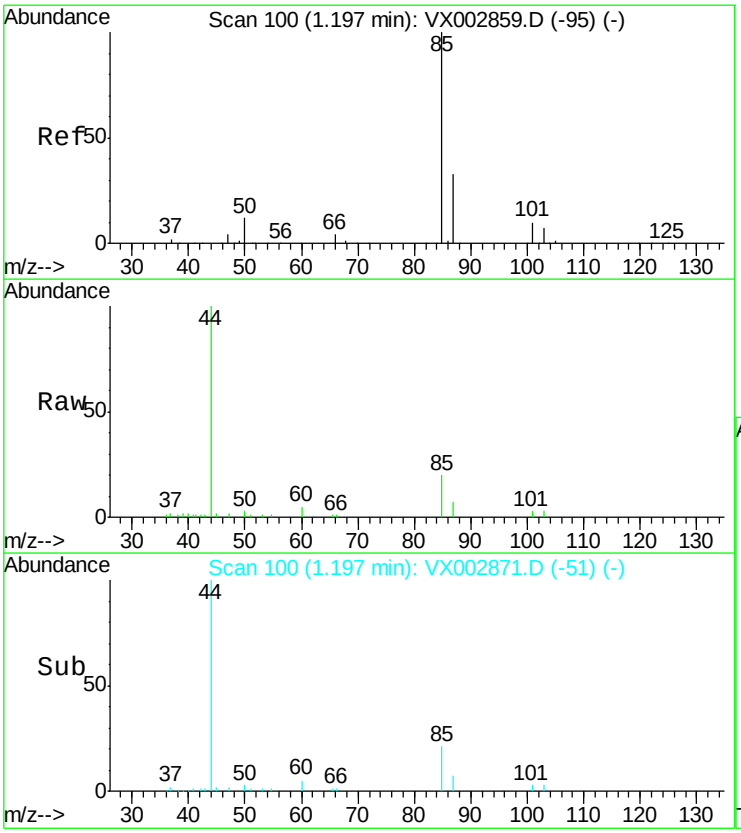
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:168 Resp: 254592

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

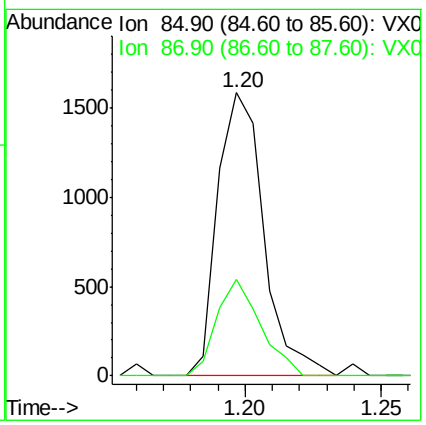


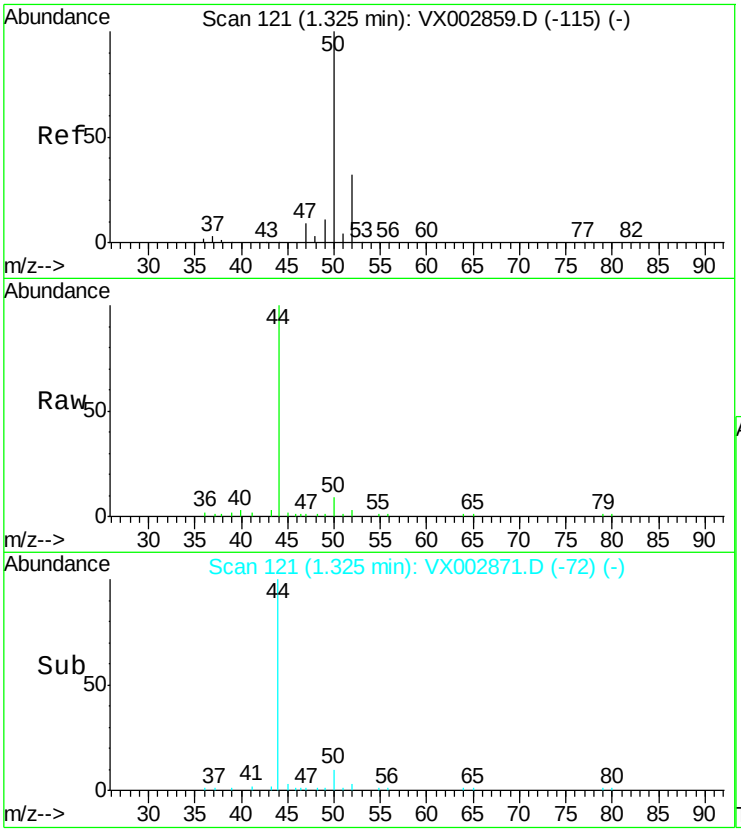


#2
Dichlorodifluoromethane
Concen: 0.52 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 85 Resp: 1864

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.0	47.9



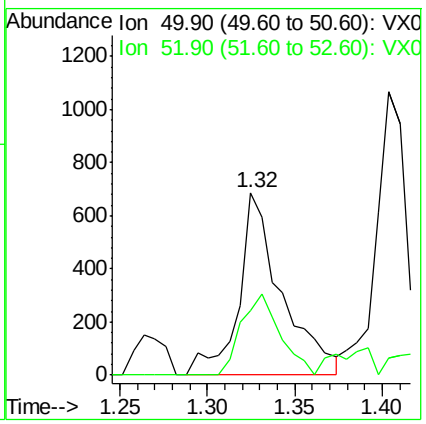


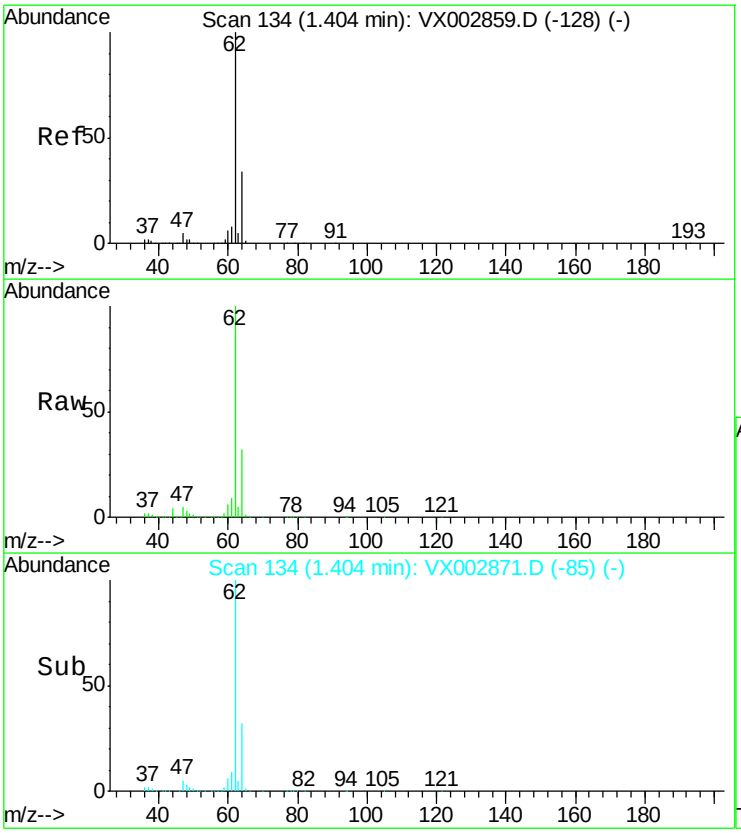
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 50 Resp: 1169

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.7	38.5

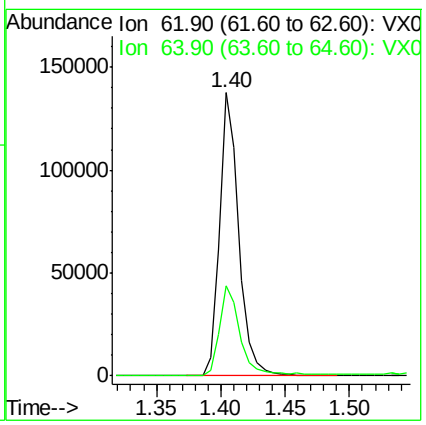


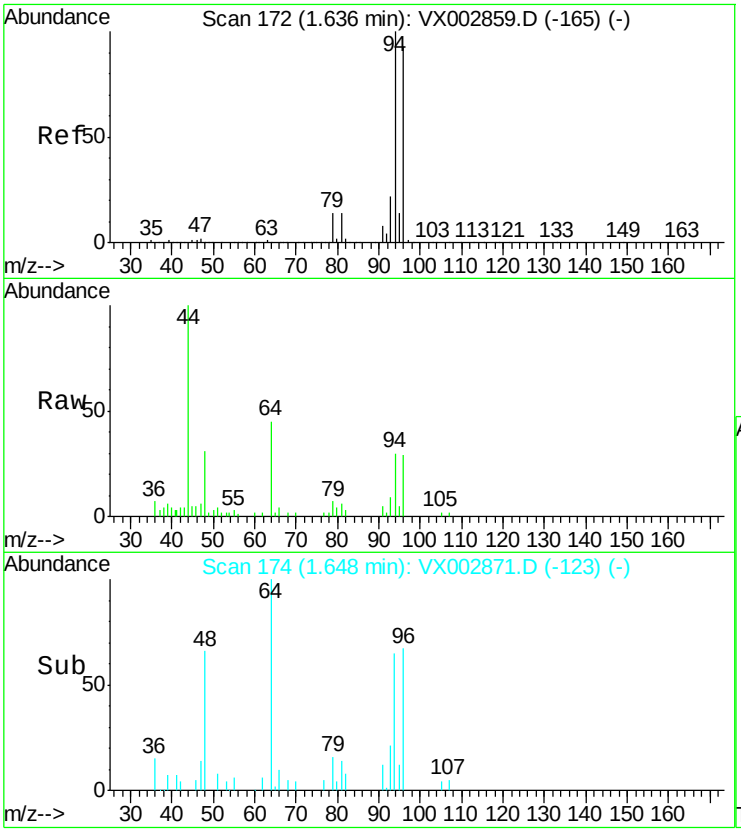


#4
Vinyl Chloride
Concen: 50.32 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 62 Resp: 144883

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2



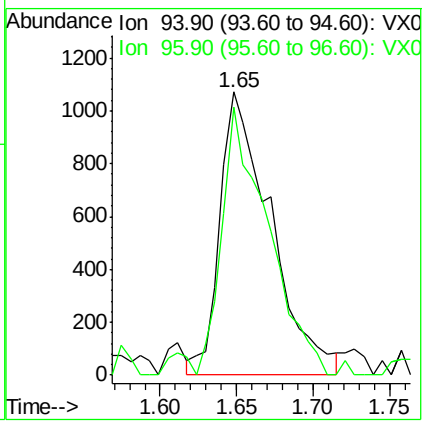


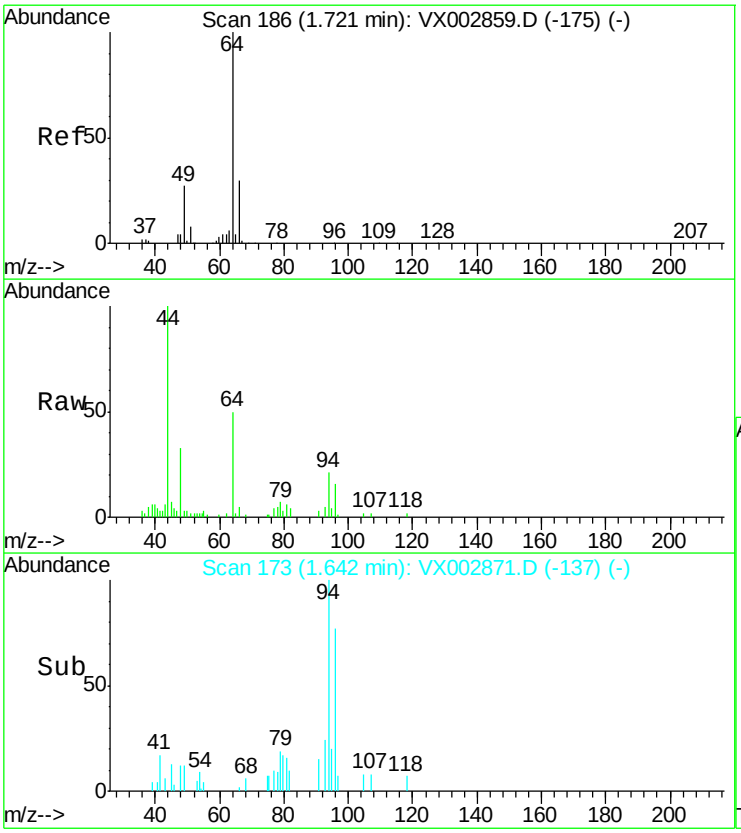
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 94 Resp: 2466

Ion	Ratio	Lower	Upper
94	100		
96	100.1	74.9	112.3

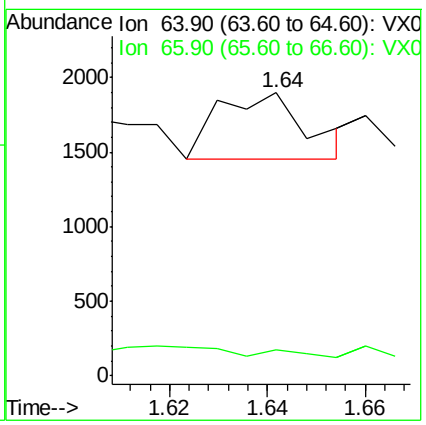


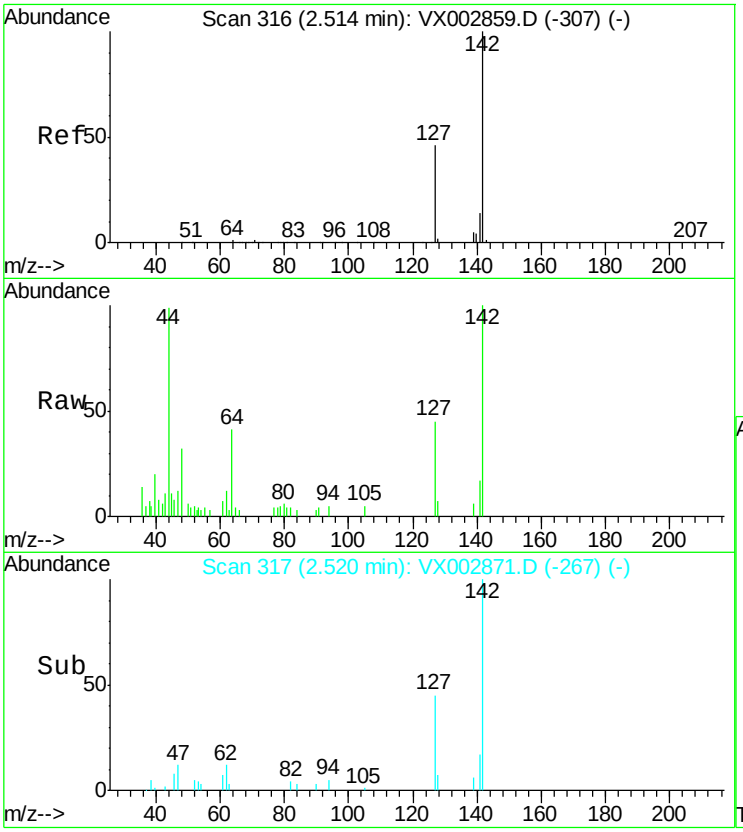


#6
Chloroethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. -0.08 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 64 Resp: 547

Ion	Ratio	Lower	Upper
64	100		
66	12.0	25.5	38.3#



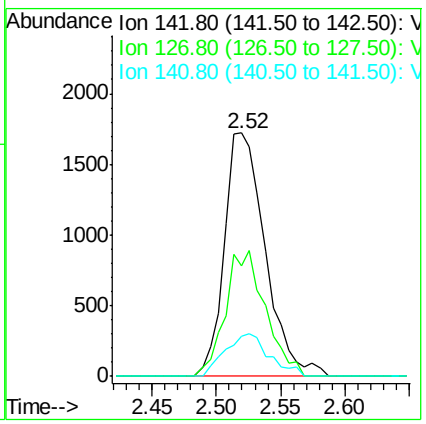


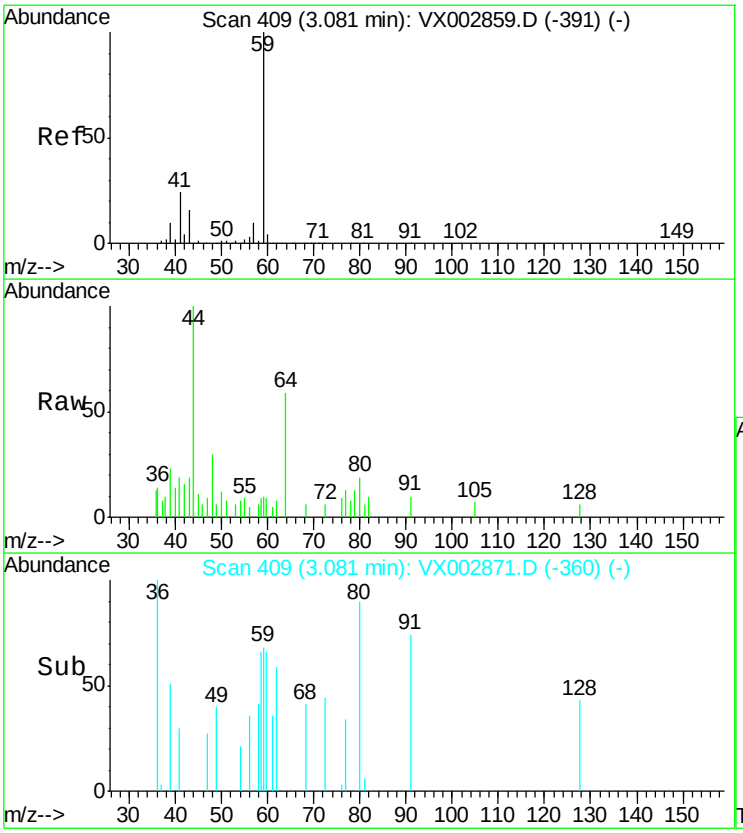
#10
Methyl Iodide
Concen: 7.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:142 Resp: 3807

Ion	Ratio	Lower	Upper
142	100		
127	50.4	36.6	55.0
141	18.9	11.3	16.9#

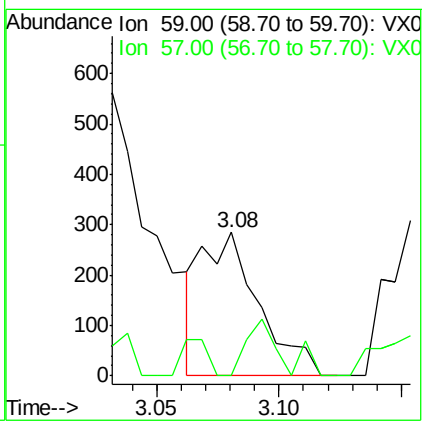


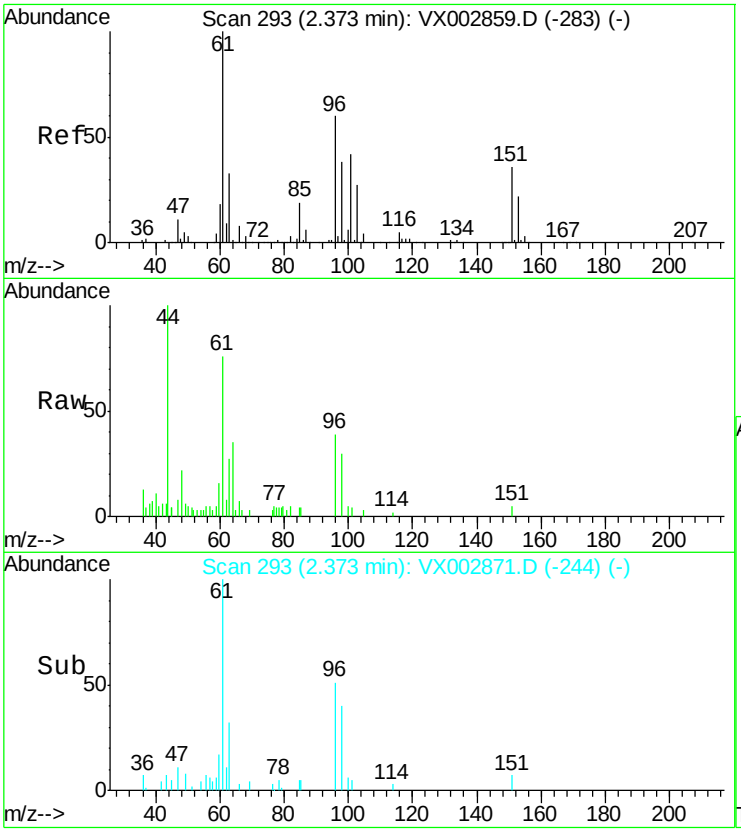


#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 59 Resp: 461

Ion	Ratio	Lower	Upper
59	100		
57	18.9	8.2	12.2#



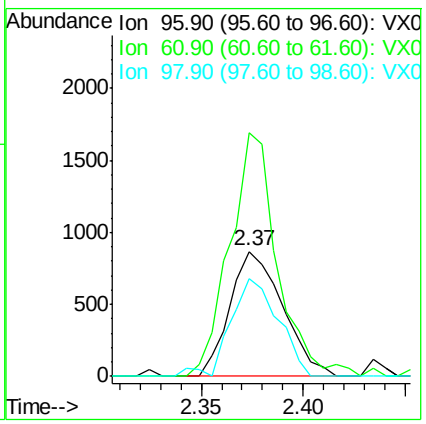


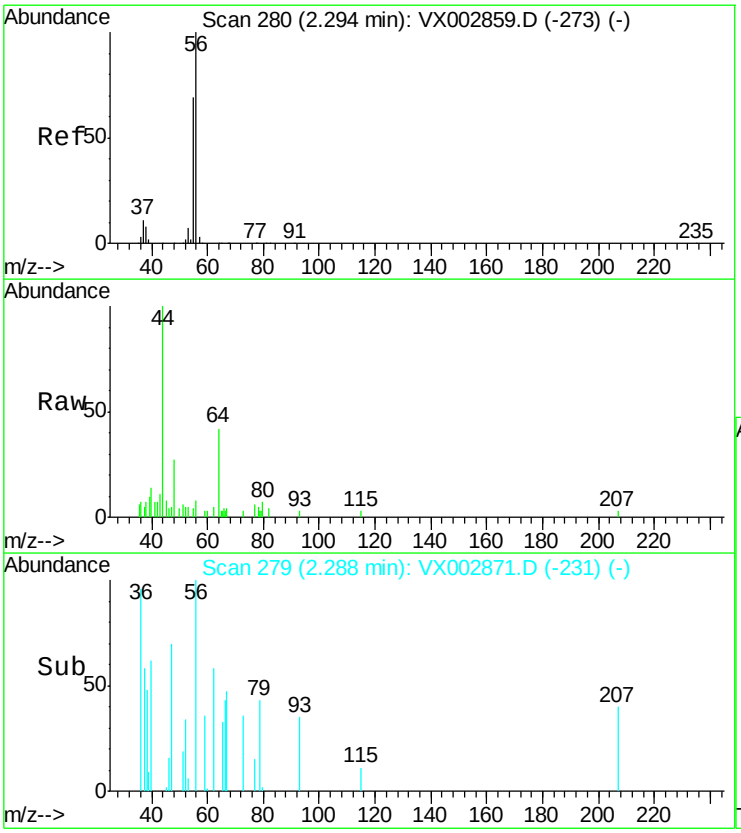
#12
1,1-Dichloroethene
Concen: 0.62 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 96 Resp: 1556

Ion	Ratio	Lower	Upper
96	100		
61	195.5	137.9	206.9
98	78.2	51.6	77.4#

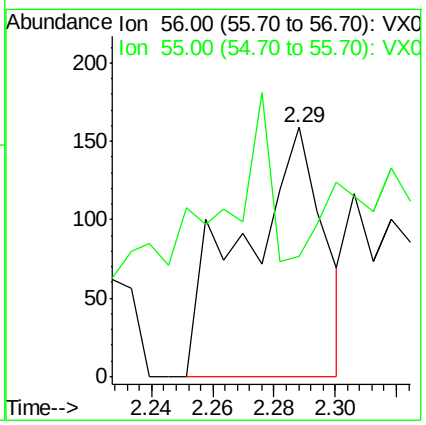


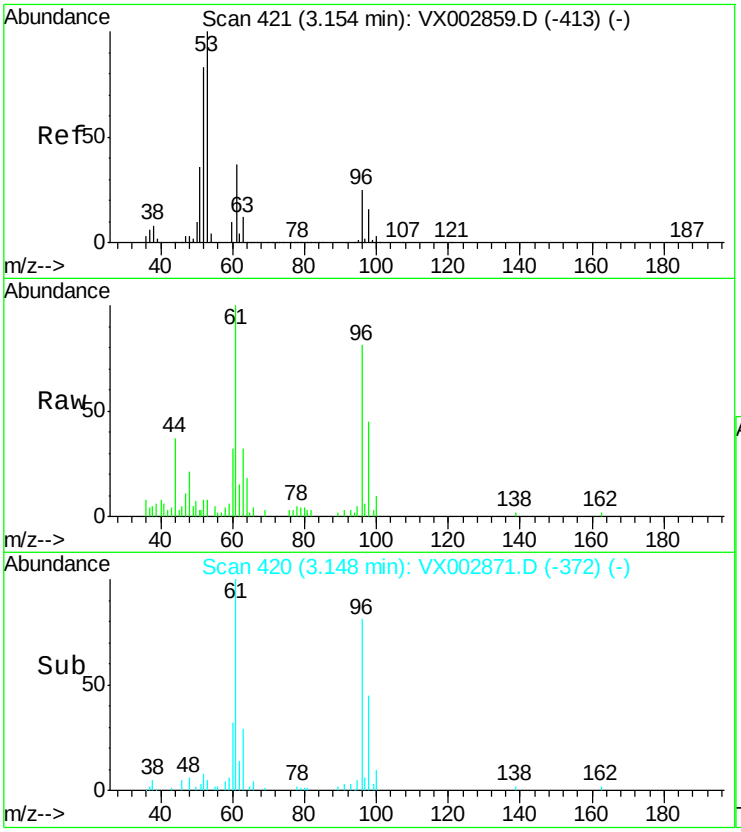


#13
Acrolein
Concen: 4.96 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 56 Resp: 289

Ion	Ratio	Lower	Upper
56	100		
55	17.0	57.0	85.4#



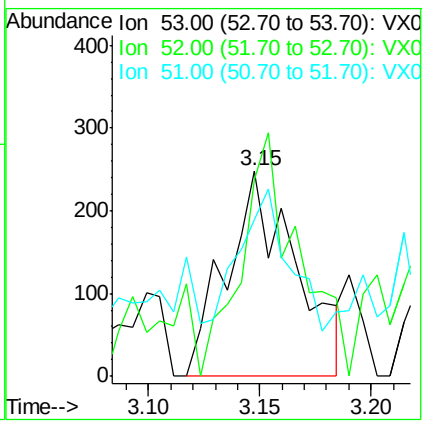


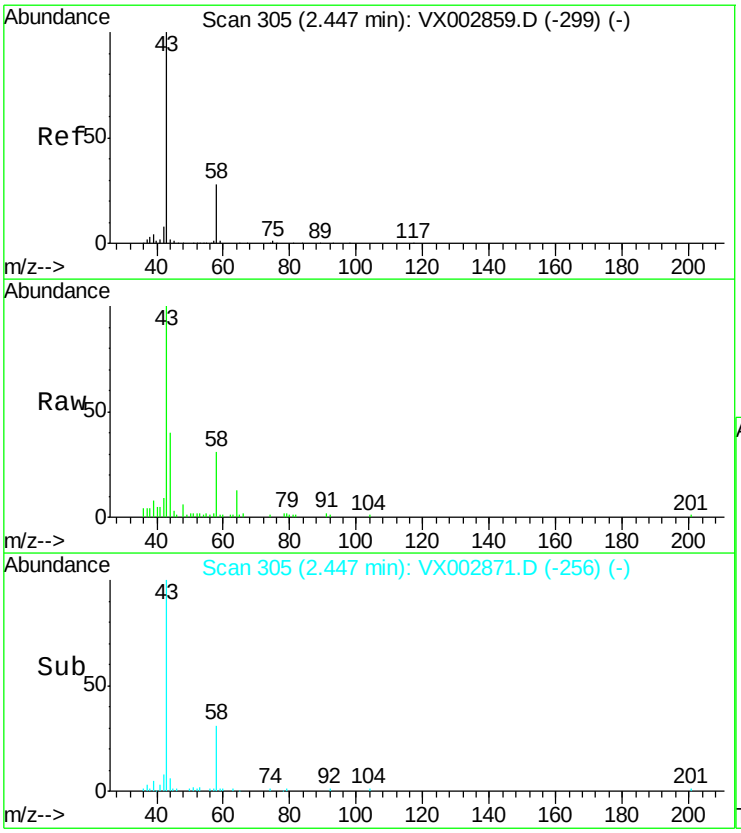
#15
Acrylonitrile
Concen: 0.36 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 53 Resp: 534

Ion	Ratio	Lower	Upper
53	100		
52	97.6	66.7	100.1
51	48.7	29.9	44.9#

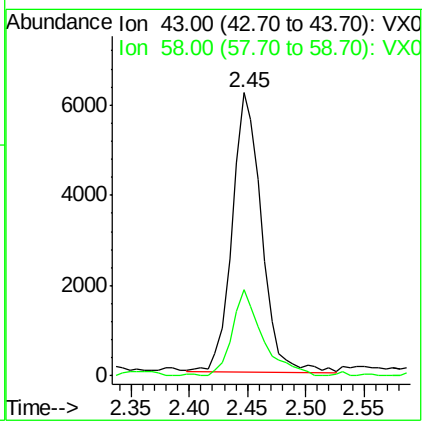


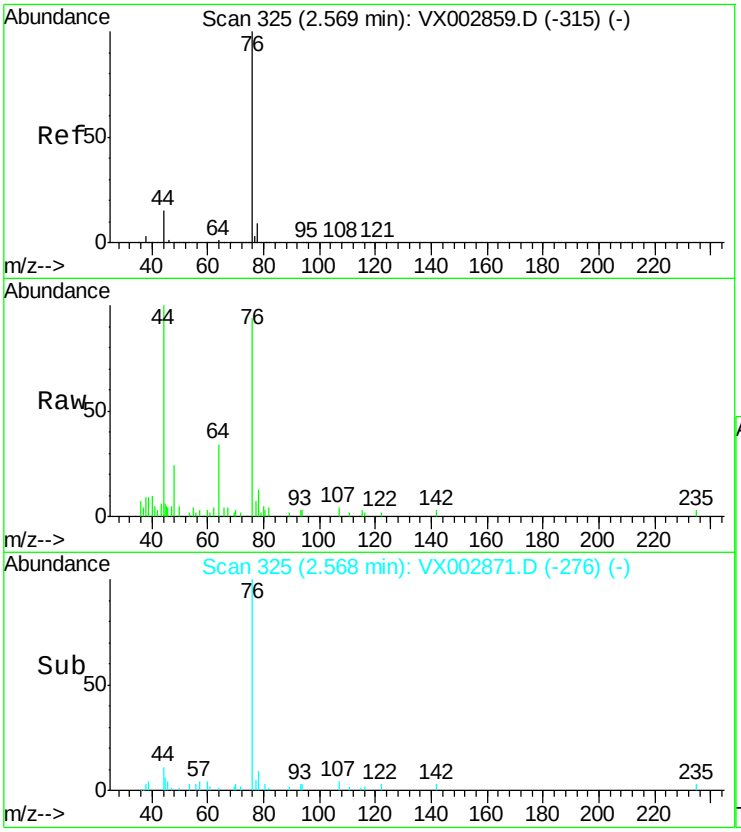


#16
Acetone
Concen: 7.44 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 43 Resp: 10843

Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.1	33.1



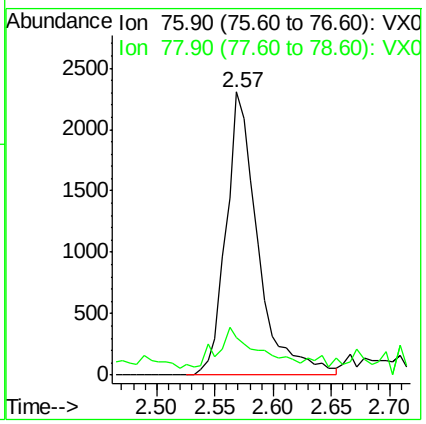


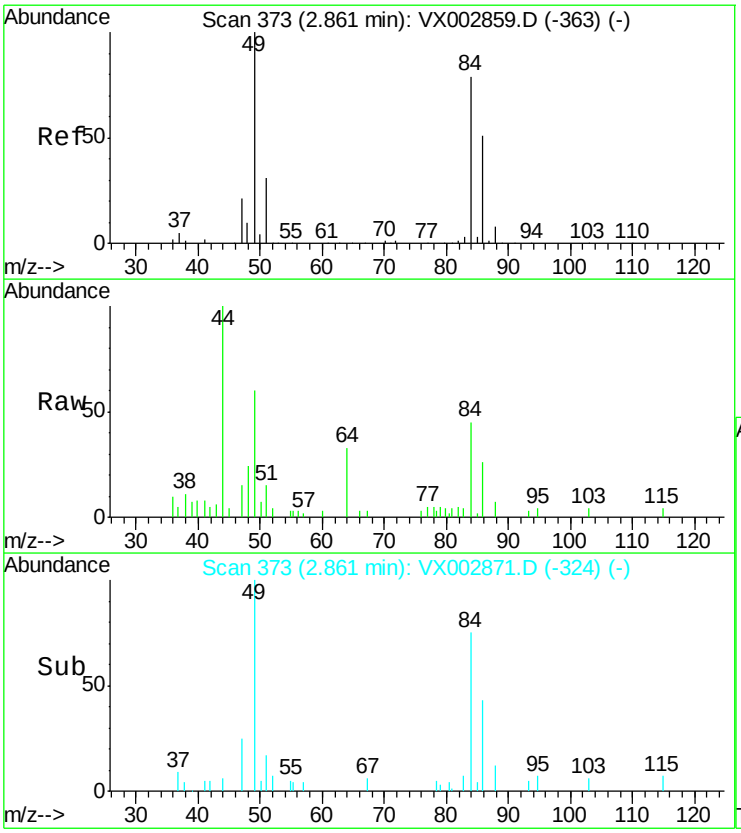
#17
Carbon Disulfide
Concen: 0.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 76 Resp: 4405

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3

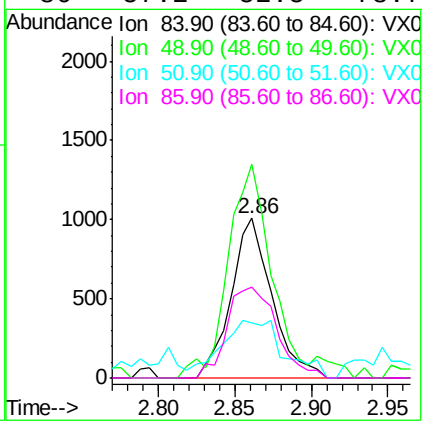


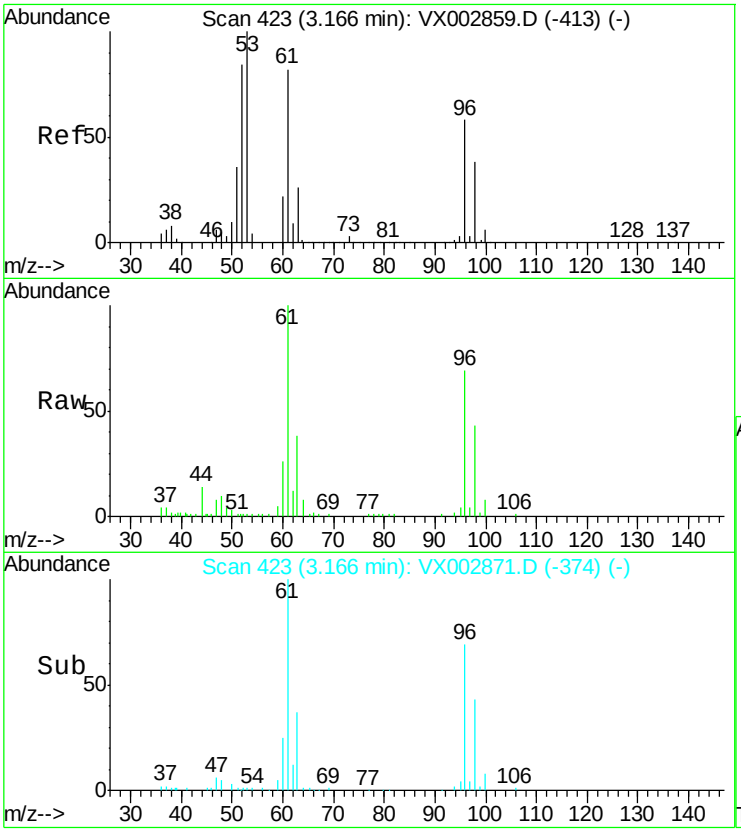


#20
Methylene Chloride
Concen: 0.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 84 Resp: 1880

Ion	Ratio	Lower	Upper
84	100		
49	126.6	107.8	161.6
51	34.5	32.8	49.2
86	57.2	52.5	78.7



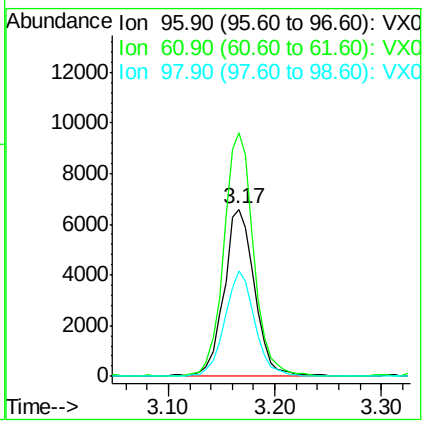


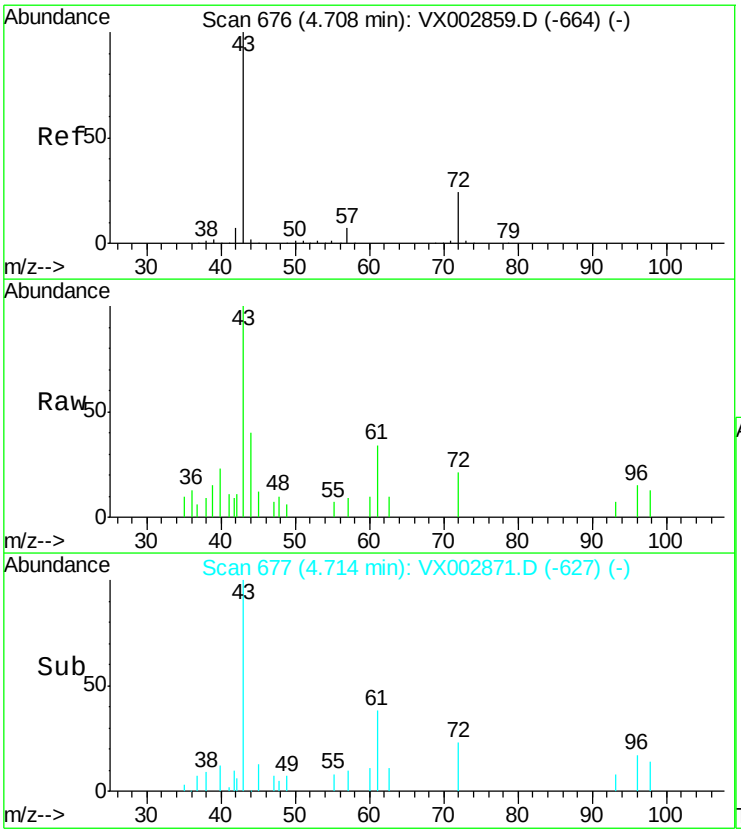
#21
trans-1,2-Dichloroethene
Concen: 4.84 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 96 Resp: 13232

Ion	Ratio	Lower	Upper
96	100		
61	145.9	117.0	175.4
98	63.0	52.4	78.6

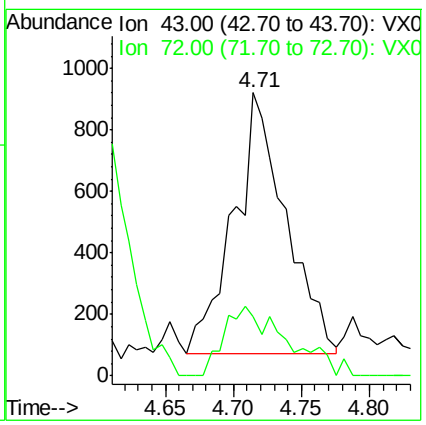


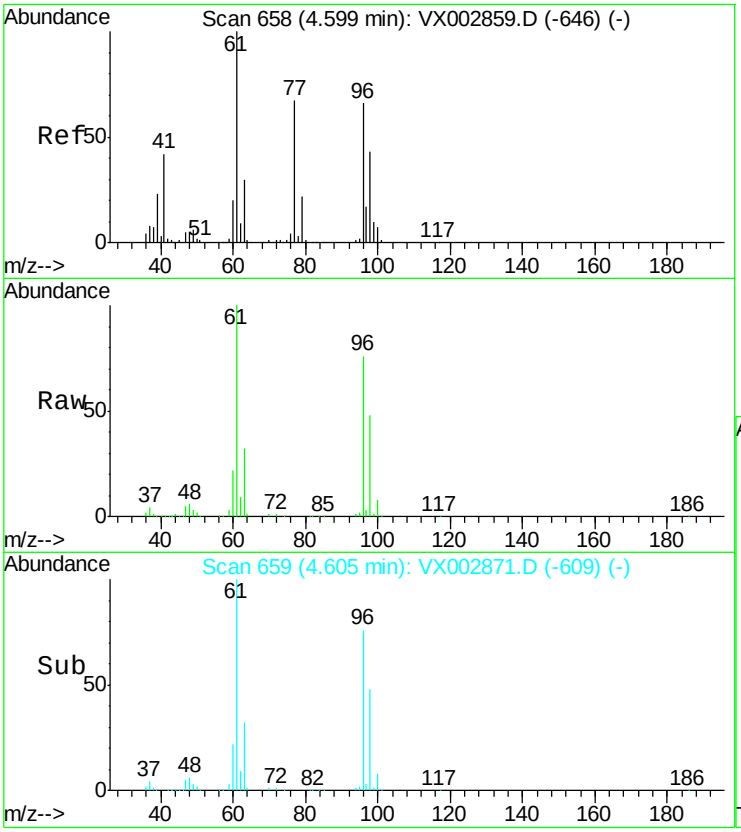


#25
2-Butanone
Concen: 1.04 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 43 Resp: 2252

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.5	27.7



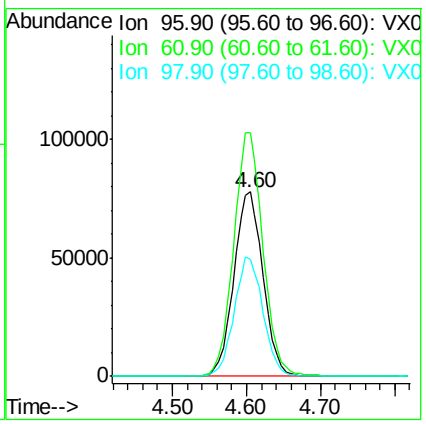


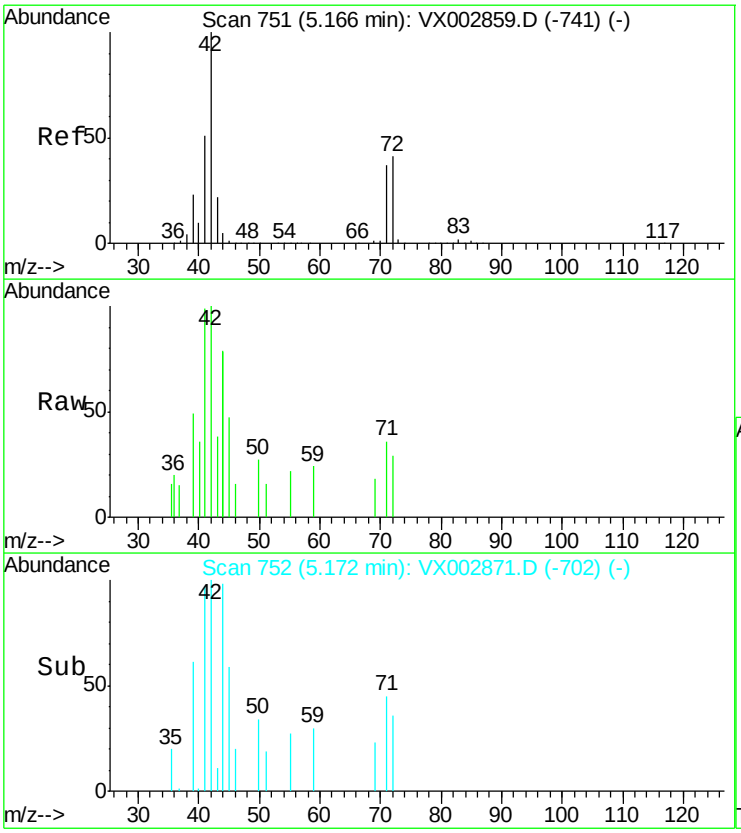
#27
cis-1,2-Dichloroethene
Concen: 69.55 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 96 Resp: 213254

Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	330.2
98	64.2	0.0	130.2

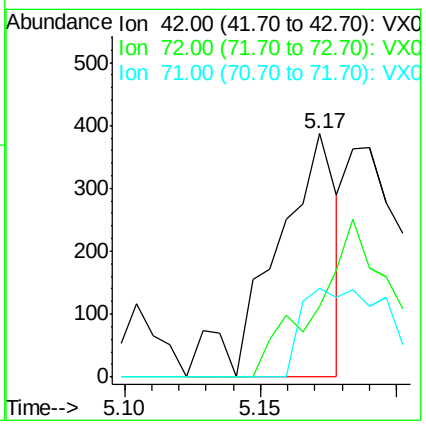


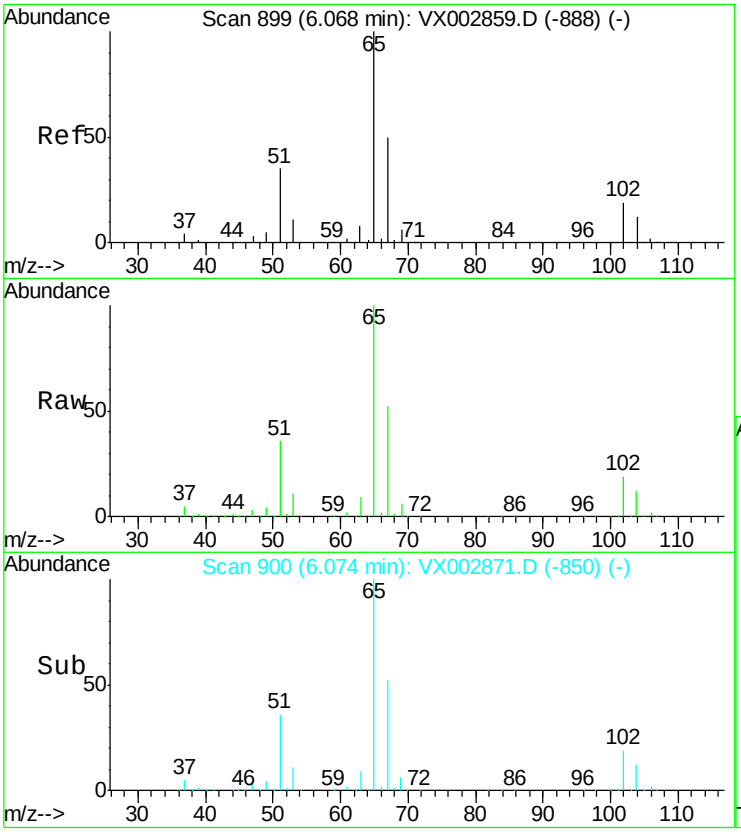


#29
Tetrahydrofuran
Concen: 0.44 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 42 Resp: 612

Ion	Ratio	Lower	Upper
42	100		
72	83.8	32.0	48.0#
71	52.3	30.1	45.1#



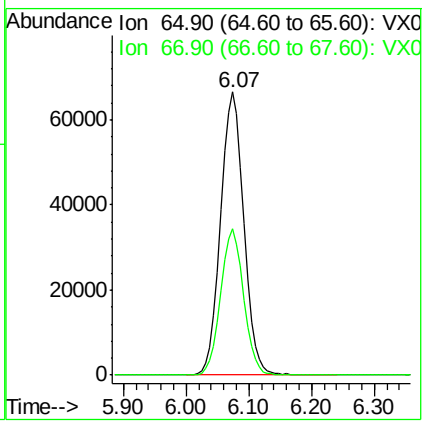


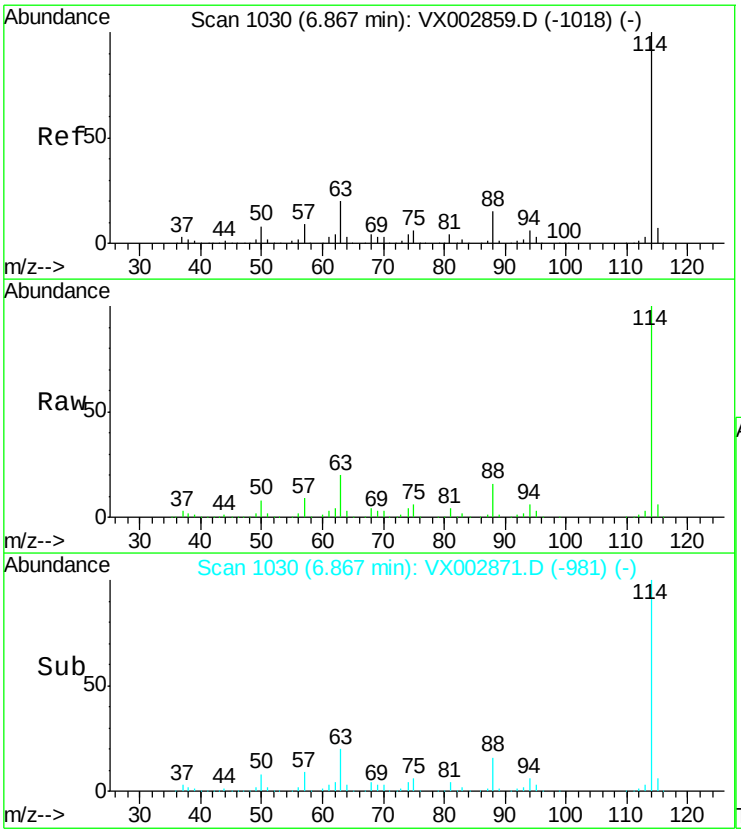
#33
1,2-Dichloroethane-d4
Concen: 48.56 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 65 Resp: 170879

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

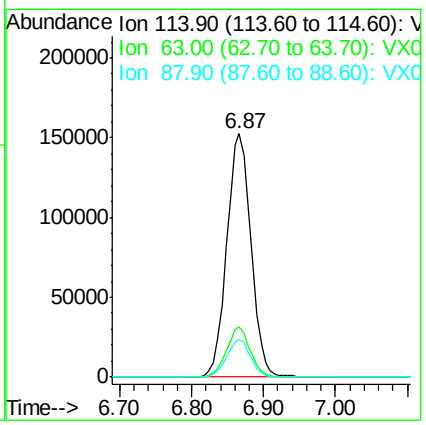


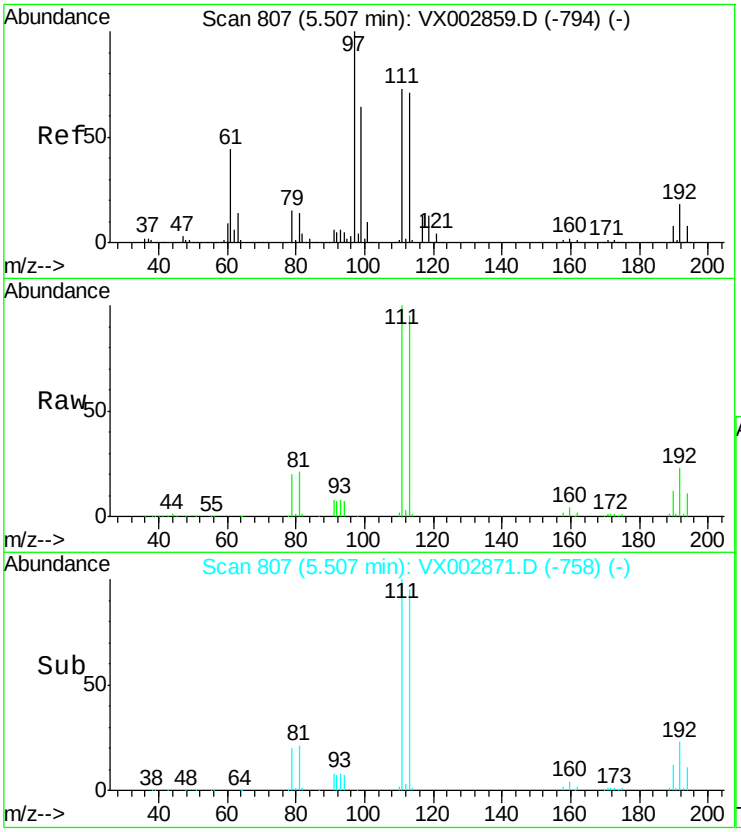


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:114 Resp: 356869

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.5	0.0	30.0



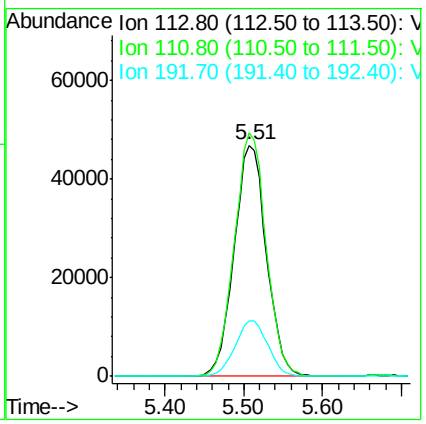


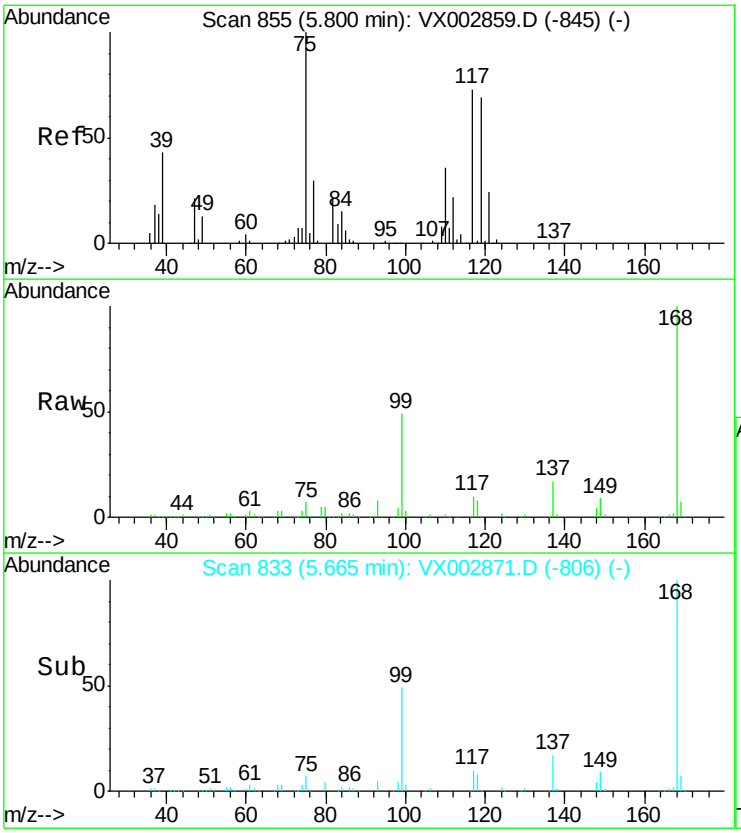
#35
Dibromofluoromethane
Concen: 47.23 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:113 Resp: 133489

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	24.4	19.1	28.7

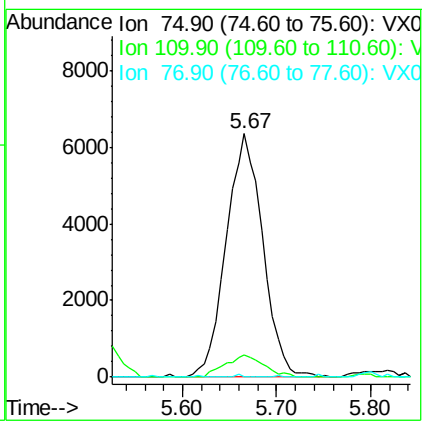


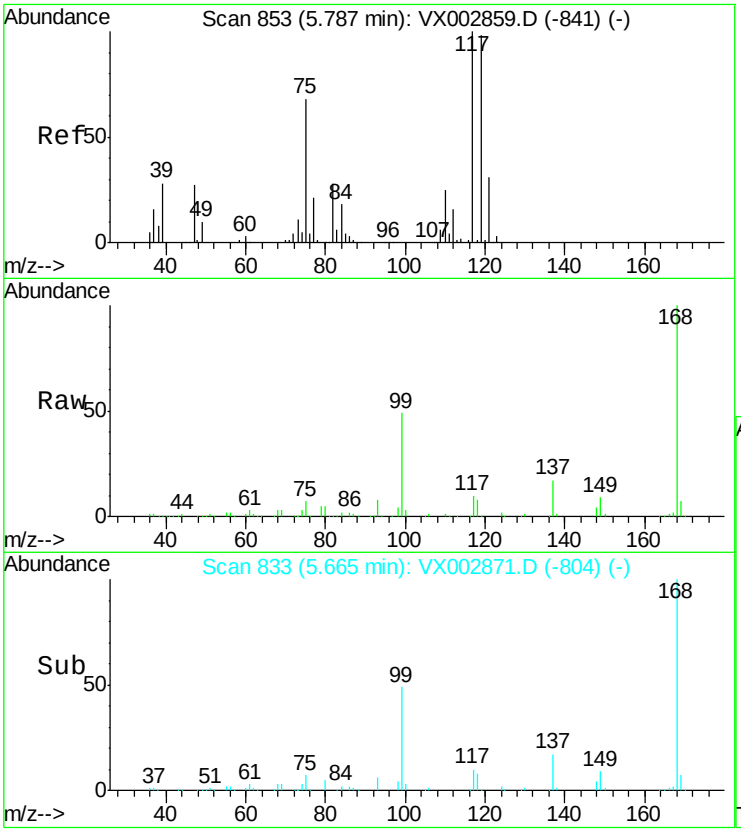


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 75 Resp: 17191

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.2	24.3	36.5#



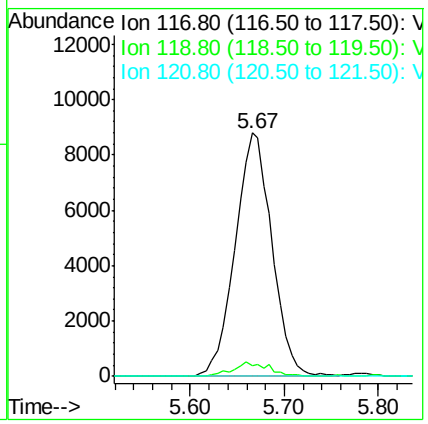


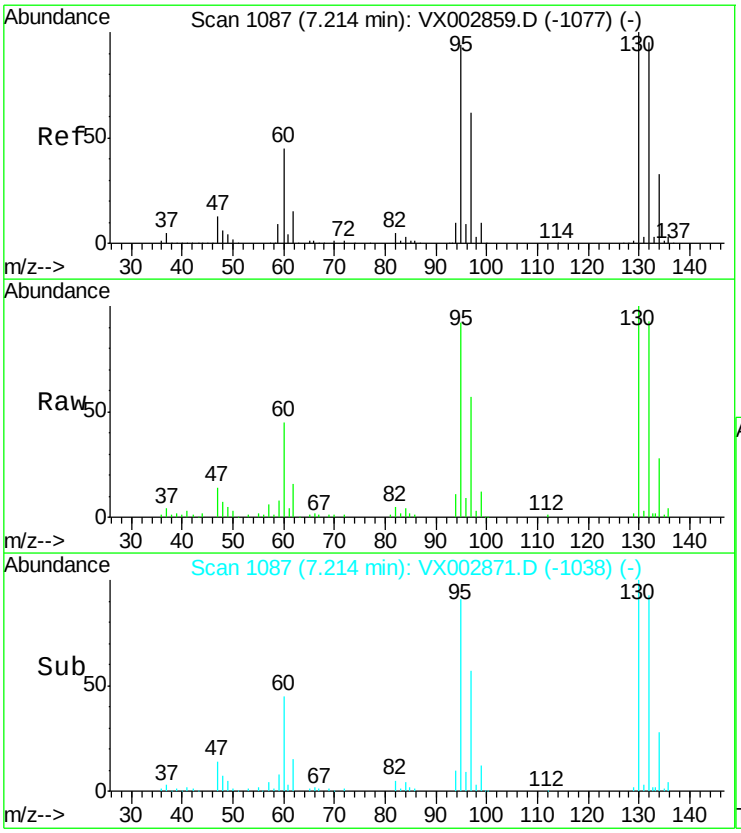
#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:117 Resp: 24006

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#

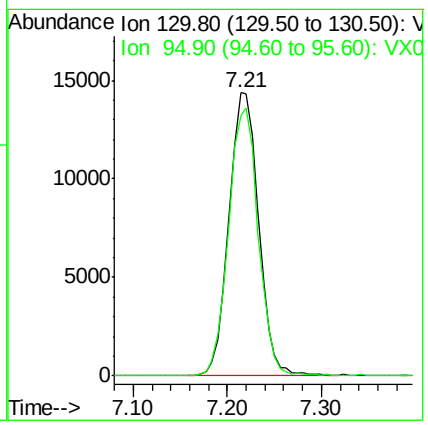


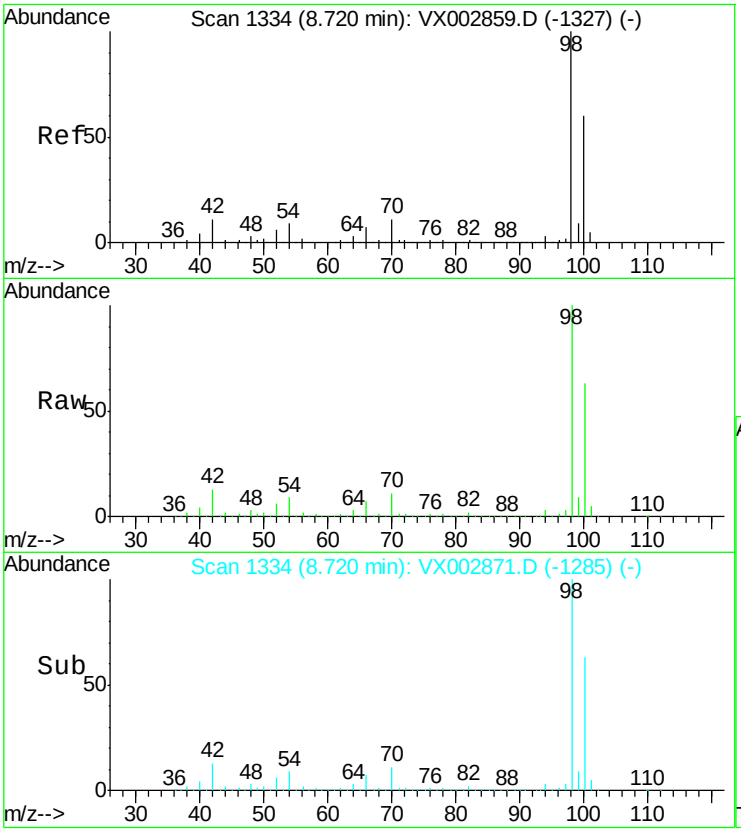


#44
Trichloroethene
Concen: 9.31 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:130 Resp: 31572

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.4



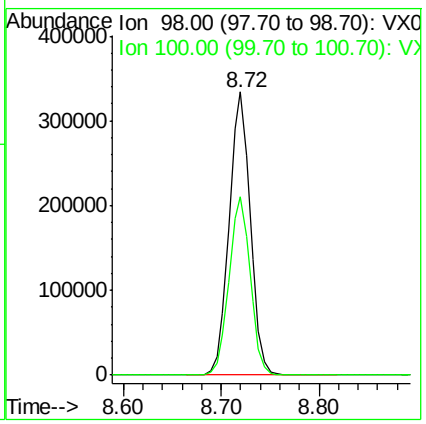


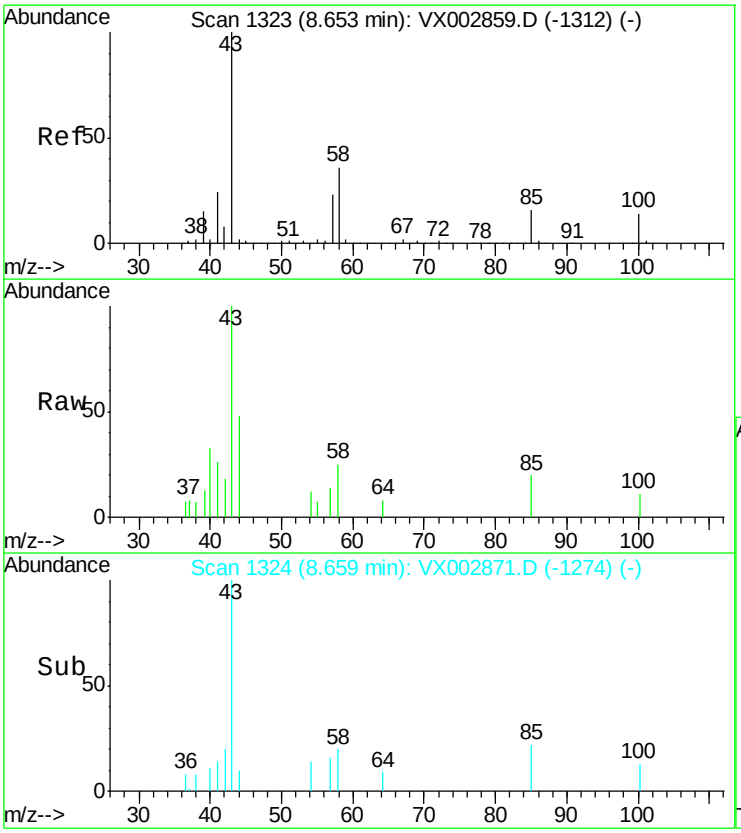
#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 98 Resp: 501475

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3

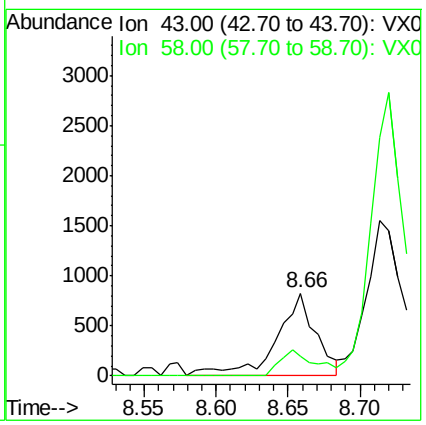


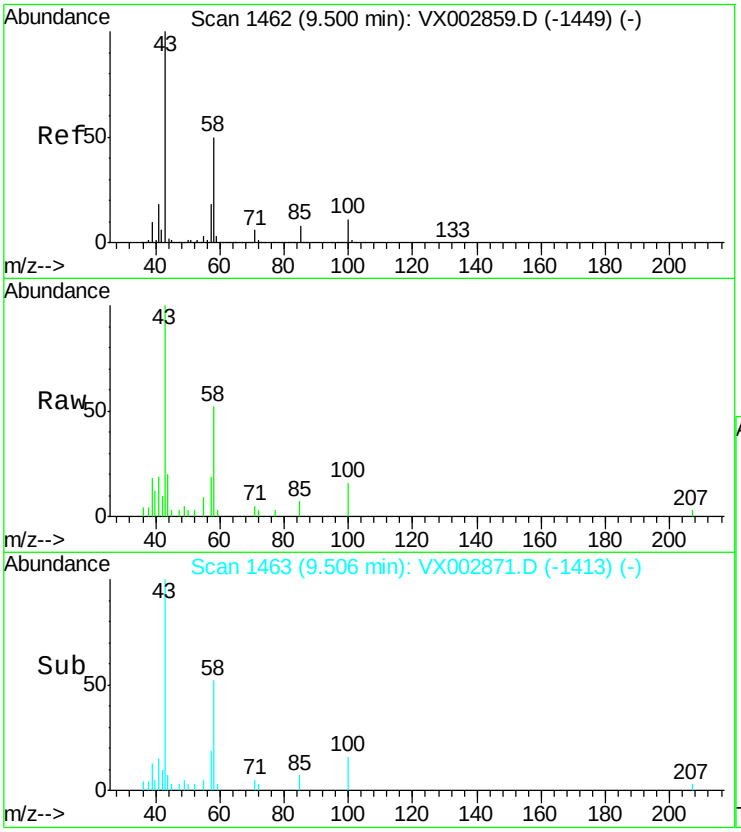


#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 43 Resp: 1591

Ion	Ratio	Lower	Upper
43	100		
58	28.2	28.6	42.8#



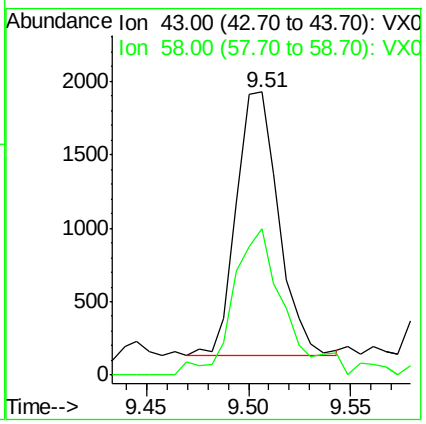


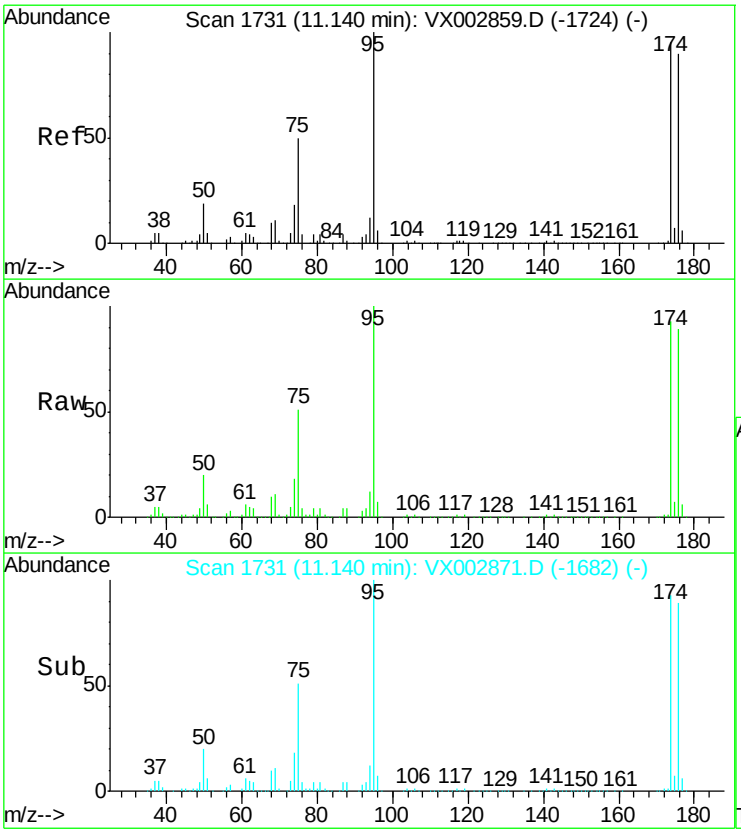
#59
2-Hexanone
Concen: 0.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 43 Resp: 2575

Ion	Ratio	Lower	Upper
43	100		
58	67.2	24.6	73.6

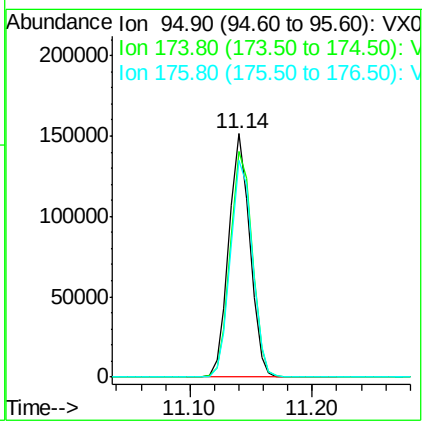


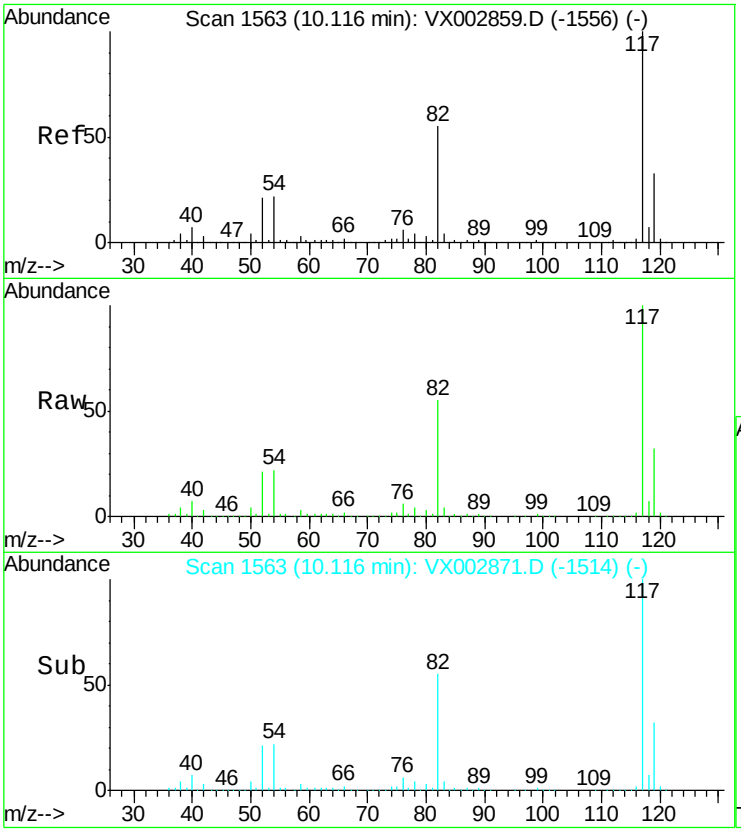


#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 95 Resp: 179183

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	187.4
176	92.9	0.0	181.0



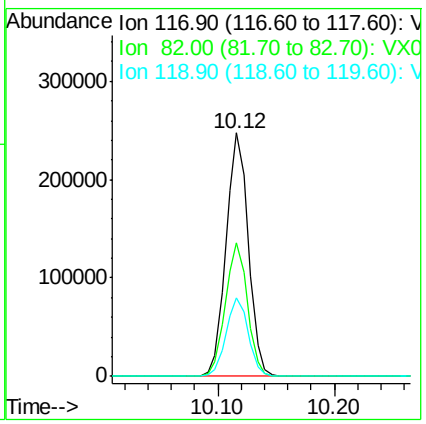


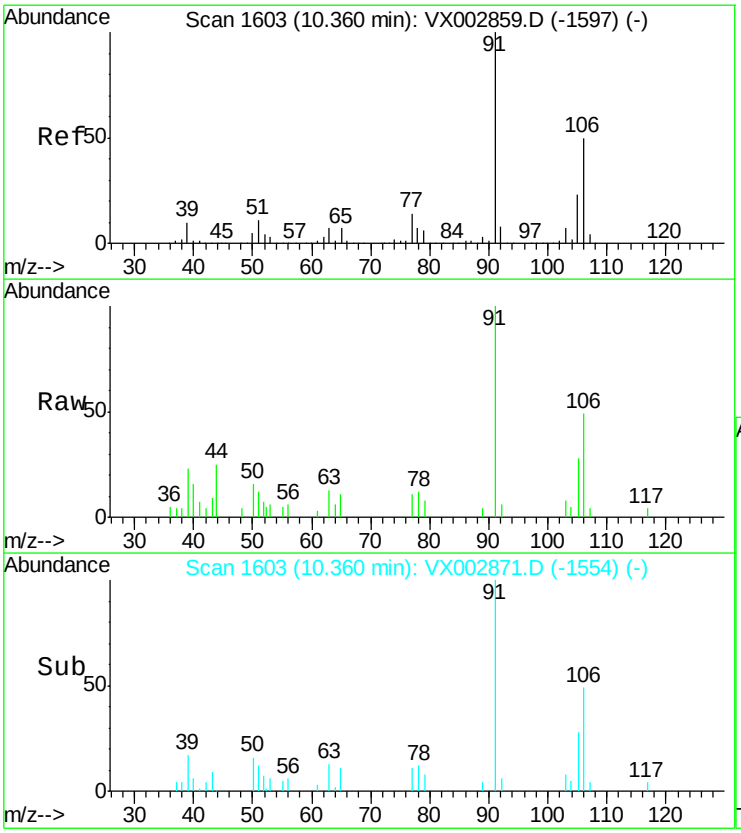
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:117 Resp: 328234

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.4	25.8	38.6

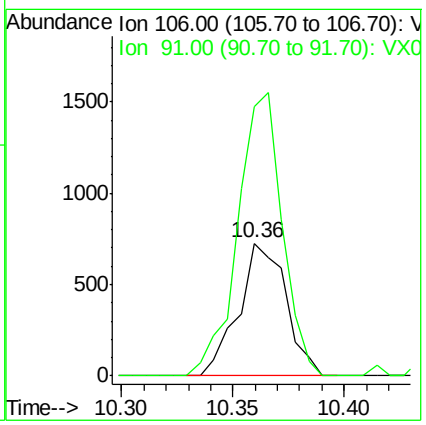


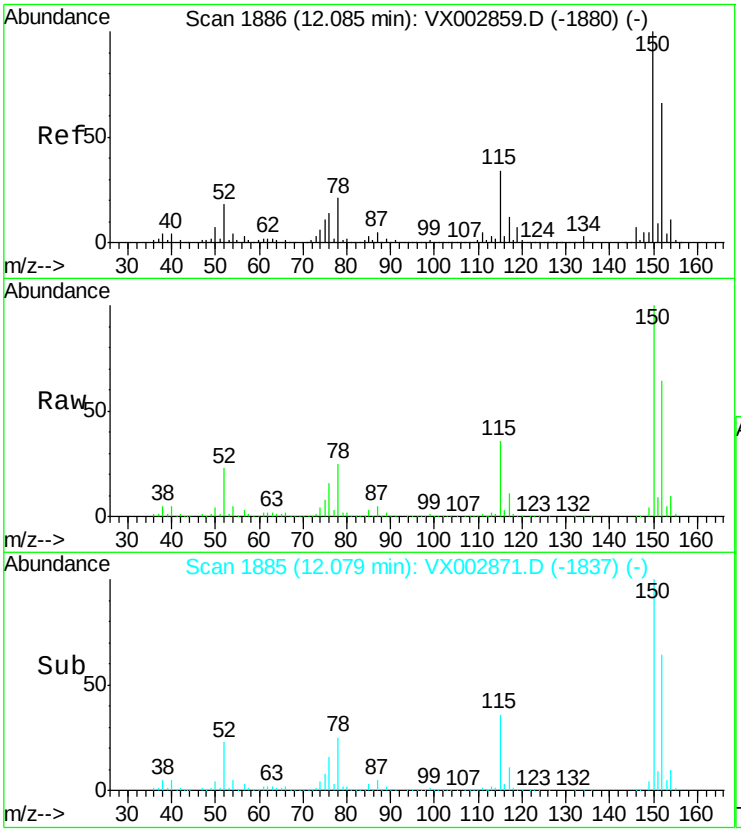


#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:106 Resp: 1074

Ion	Ratio	Lower	Upper
106	100		
91	201.5	163.4	245.2



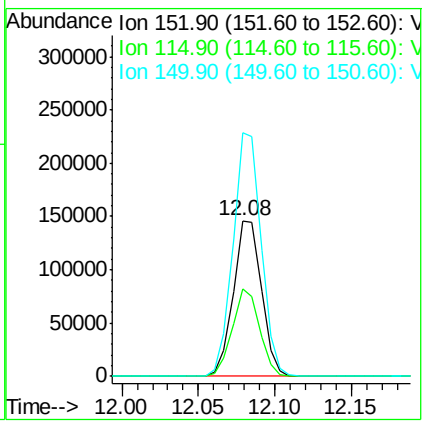


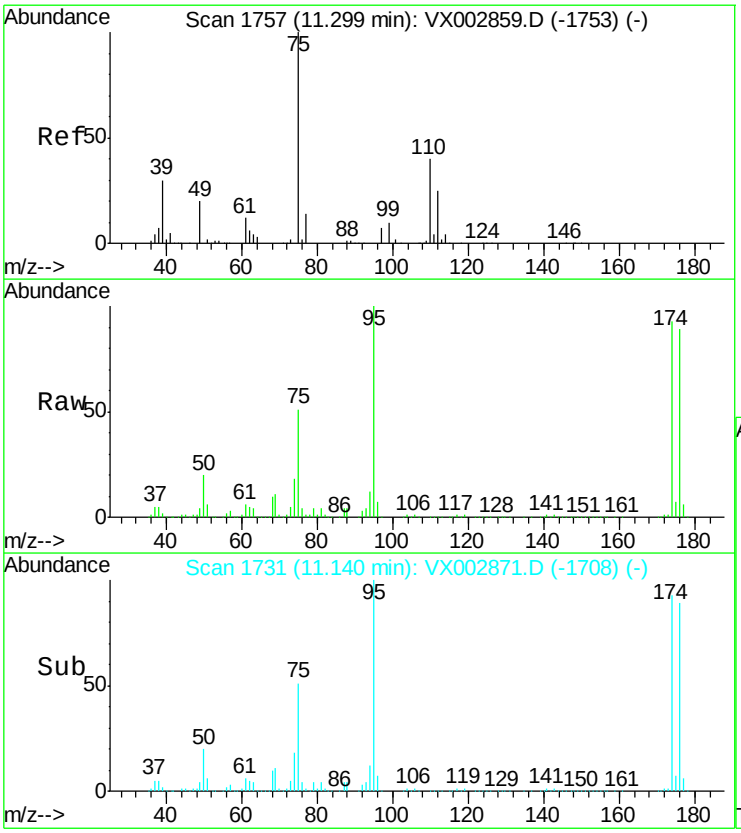
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:152 Resp: 186631

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	156.2	0.0	347.2

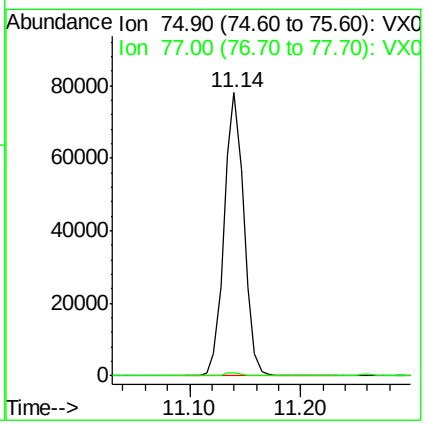


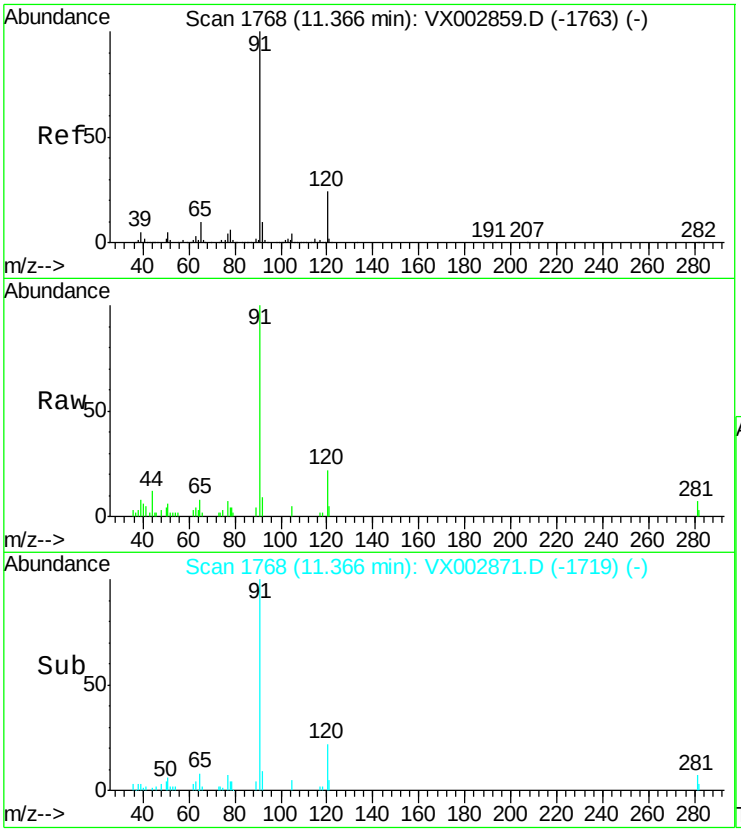


#76
1,2,3-Trichloropropane
Concen: 28.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 75 Resp: 95173

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



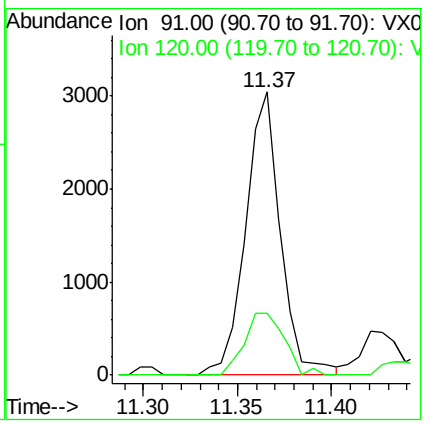


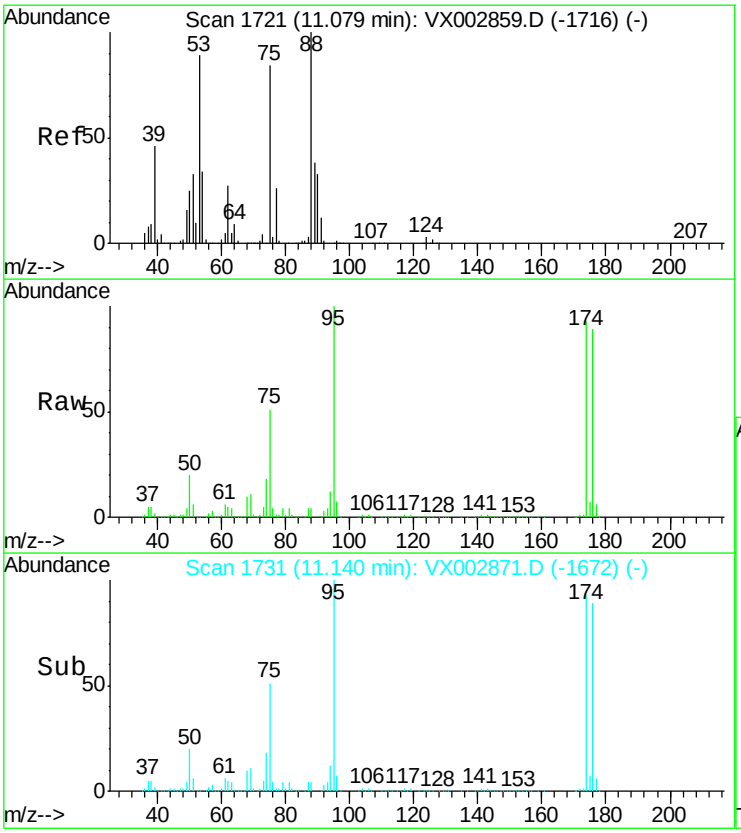
#78
n-propylbenzene
Concen: 0.27 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion: 91 Resp: 3895

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.8	35.4

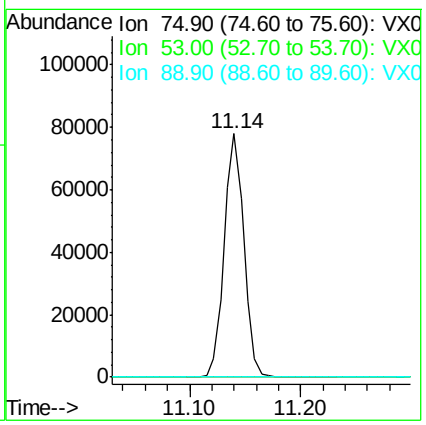


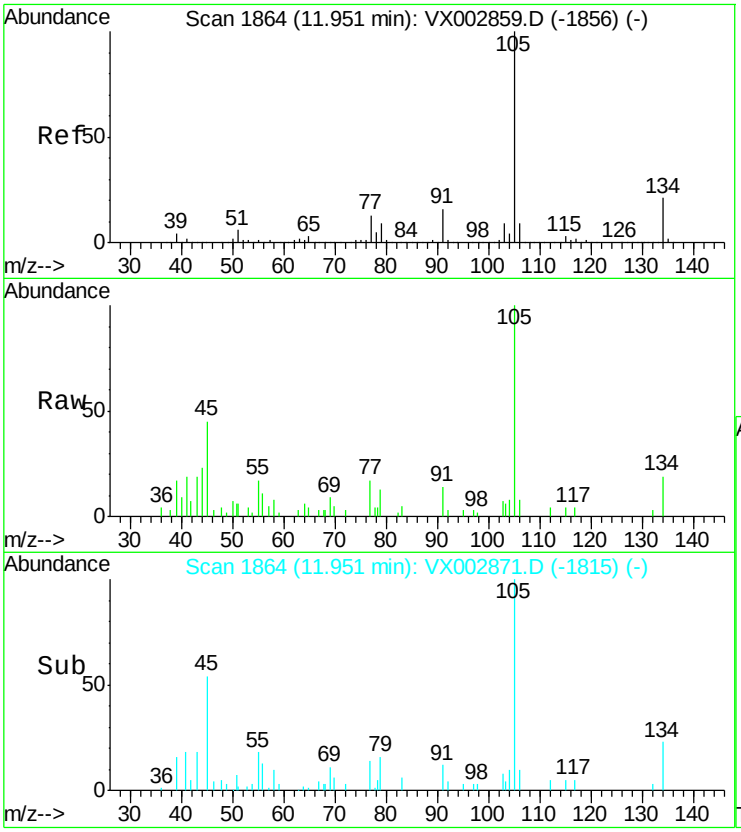


#81
trans-1,4-Dichloro-2-butene
Concen: 79.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 75 Resp: 95173

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#



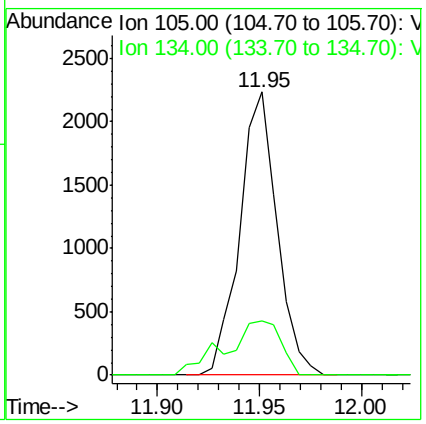


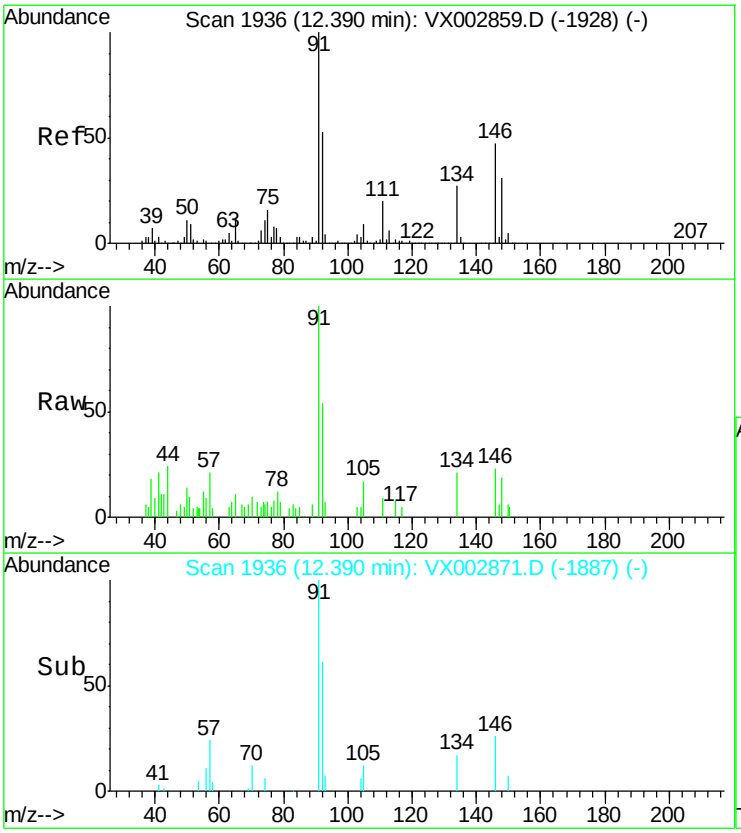
#85
sec-Butylbenzene
Concen: 0.22 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:105 Resp: 2842

Ion	Ratio	Lower	Upper
105	100		
134	28.4	10.4	31.1

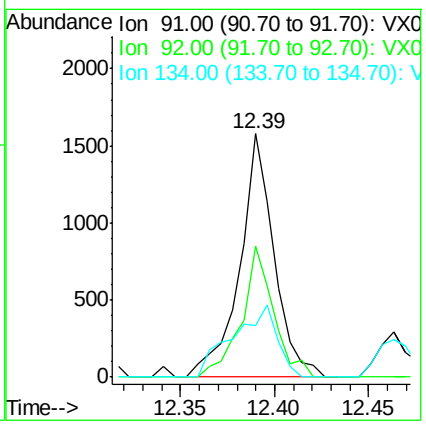


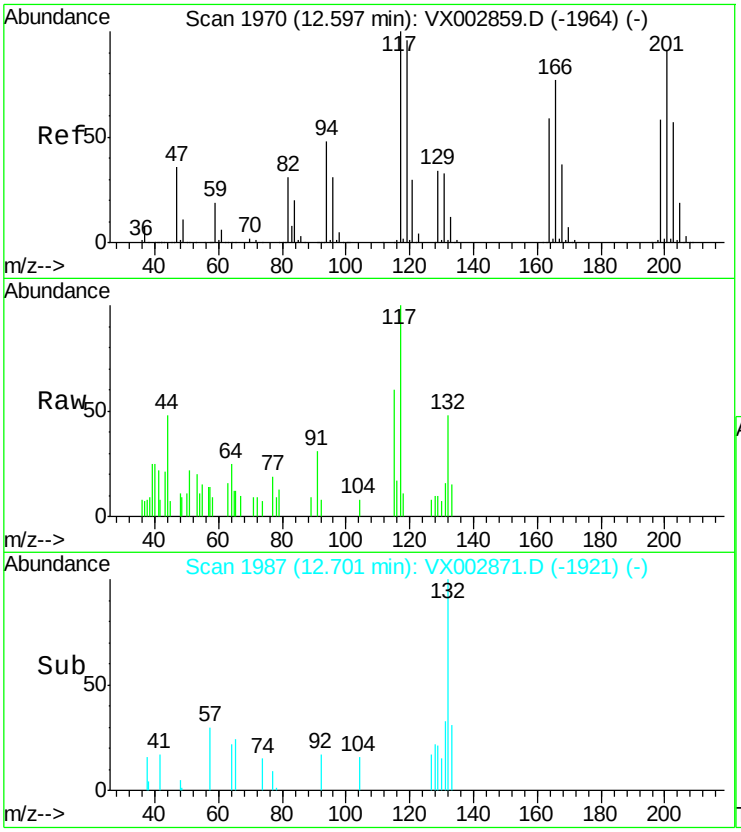


#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion: 91 Resp: 1997

Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	38.3	13.5	40.5



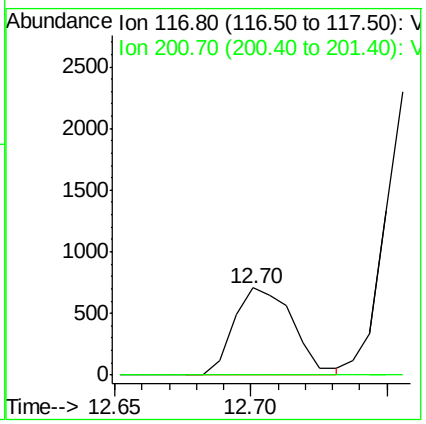


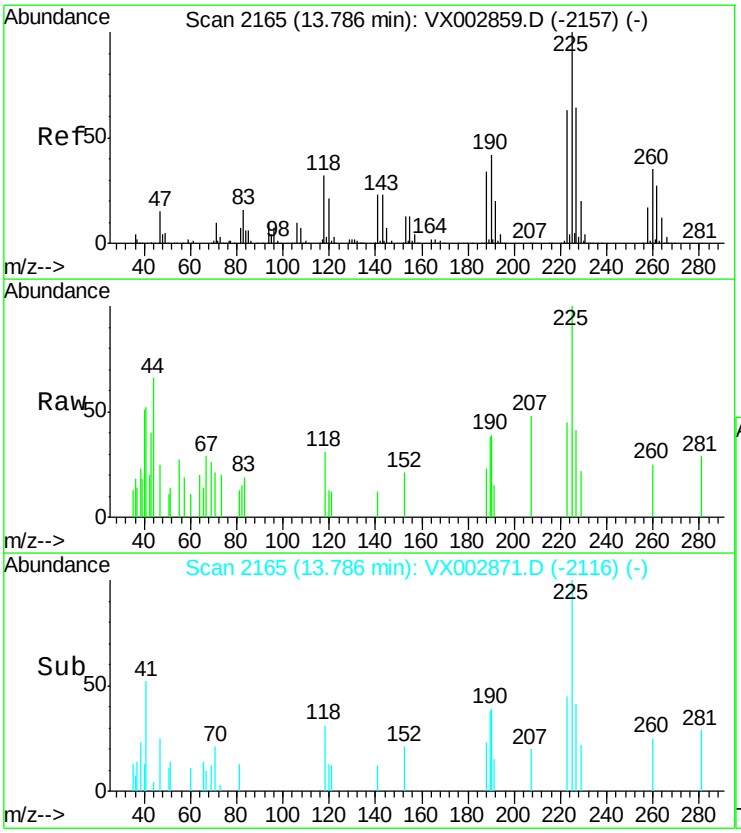
#90
Hexachloroethane
Concen: 0.63 ug/l
RT: 12.70 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0627DL

Tgt Ion:117 Resp: 1064

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002871.D
Acq: 25 Jun 2018 20:48

Tgt Ion:225 Resp: 482

Ion	Ratio	Lower	Upper
225	100		
223	51.2	31.6	95.0
227	46.1	32.4	97.2