Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016828.D
Acq On : 17 Jun 2020 19:36
Operator : JC/SP
Sample : L3032-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
MMDadoda
6/18/2020 11:17:29 AM

Quant Time: Jun 18 01:49:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	251569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	166256	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
35) Dibromofluoromethane	5.46	113	121470	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
50) Toluene-d8	8.70	98	474509	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	214813	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	498	0.320	ug/l	89
4) Vinyl Chloride	1.39	62	4931344	1682.891	ug/l	96
11) Tert butyl alcohol	3.00	59	4031	5.671	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	525864	213.870	ug/l	97
16) Acetone	2.42	43	4245	3.307	ug/l	92
17) Carbon Disulfide	2.55	76	4760	0.676	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	38251	14.477	ug/l	99
22) Diisopropyl ether	3.83	45	26297	3.641	ug/l #	79
24) 1,1-Dichloroethane	3.67	63	2256	0.499	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	1872558	620.054	ug/l	89
31) Cyclohexane	5.55	56	24925	7.451	ug/l	97
39) Methylcyclohexane	7.44	83	27753	7.177	ug/l	98
40) Benzene	6.12	78	186992	16.282	ug/l	99
44) Trichloroethene	7.19	130	2217163	624.140	ug/l	97
45) 1,2-Dichloropropane	7.49	63	3378	1.200	ug/l	97
52) Toluene	8.76	92	3438	0.461	ug/l	85
55) 1,1,2-Trichloroethane	9.20	97	2451	0.817	ug/l #	87
64) Tetrachloroethene	9.32	164	1483	0.396	ug/l #	79
65) Chlorobenzene	10.12	112	9930	1.255	ug/l	93
67) Ethyl Benzene	10.23	91	6003	0.449	ug/l	100
68) m/p-Xylenes	10.34	106	1514	0.299	ug/l	98
73) Isopropylbenzene	11.00	105	9446	0.649	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	2864	0.412	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	9567m	1.327	ug/l	
89) n-Butylbenzene	12.37	91	2881	0.278	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	21504	3.094	ug/l	98
95) Naphthalene	13.82	128	4059	0.266	ug/l	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016828.D
Acq On : 17 Jun 2020 19:36
Operator : JC/SP
Sample : L3032-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 18 01:49:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
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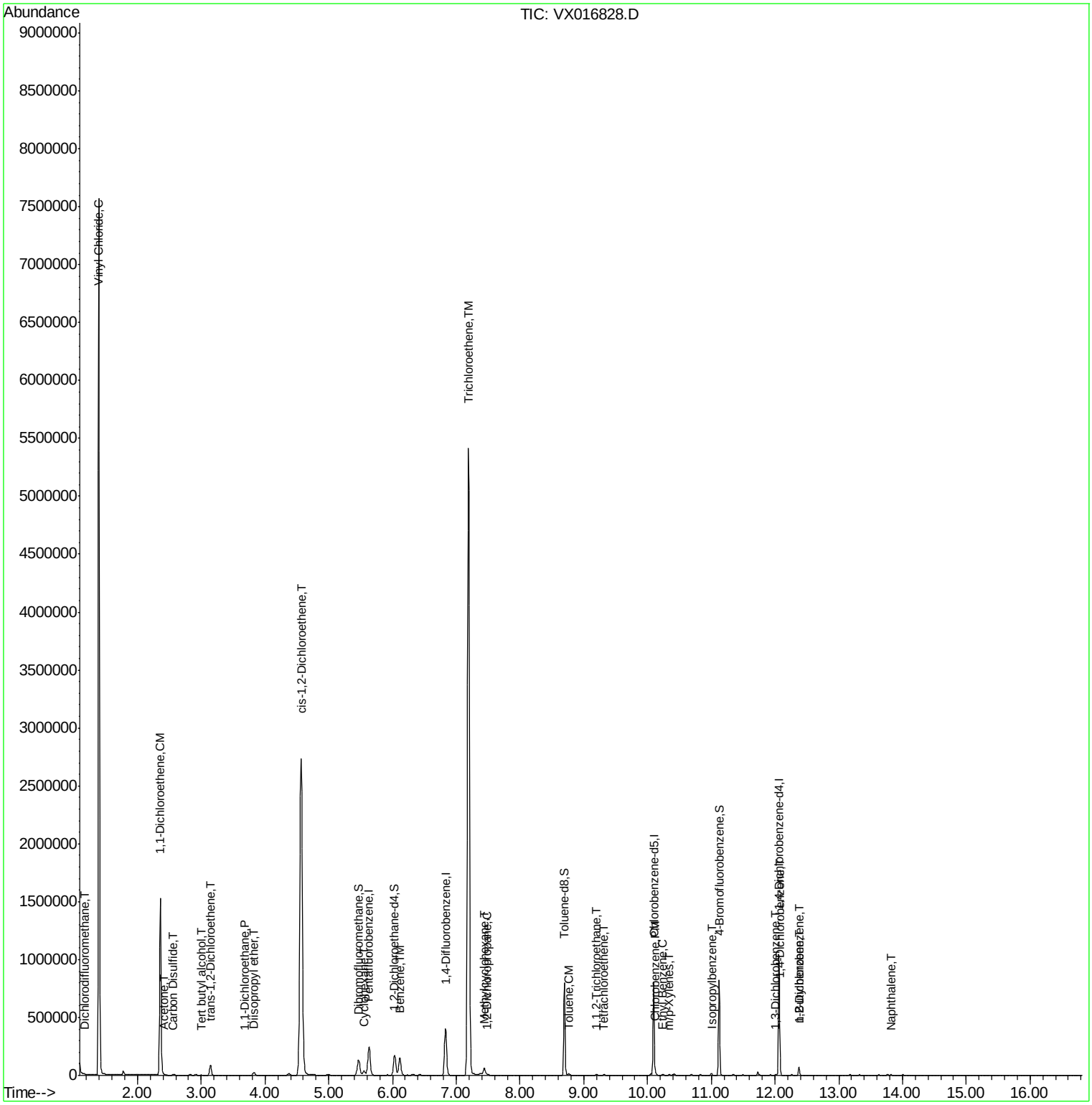
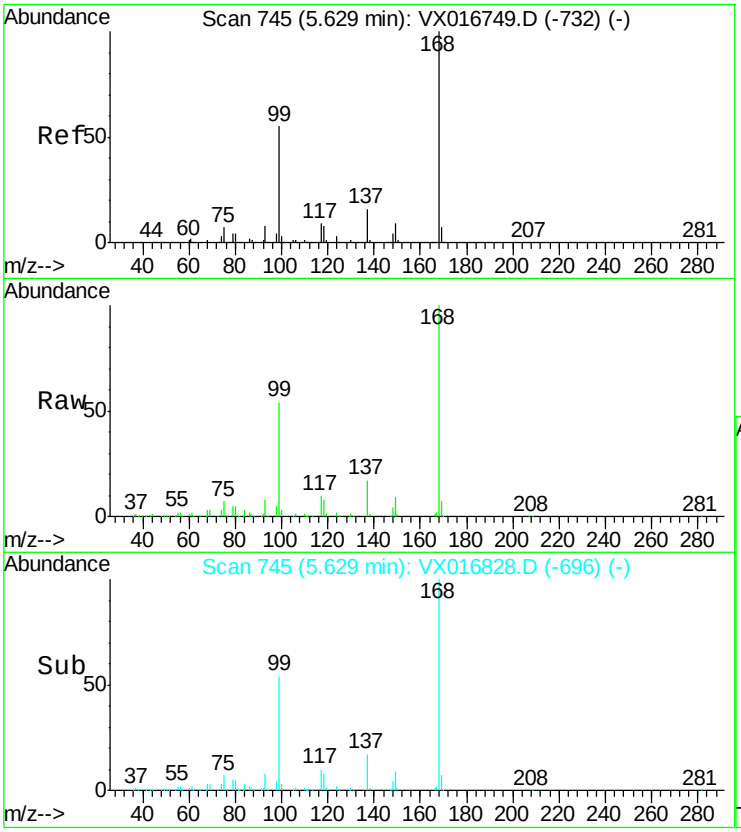
6/18/2020 11:17:29 AM





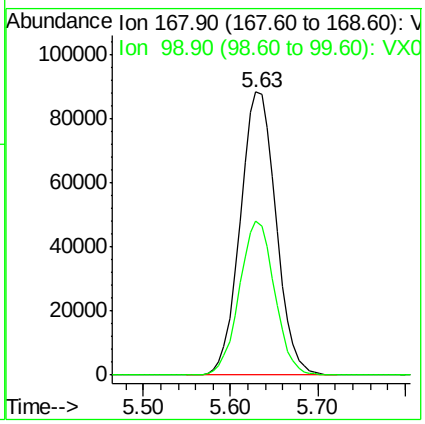
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

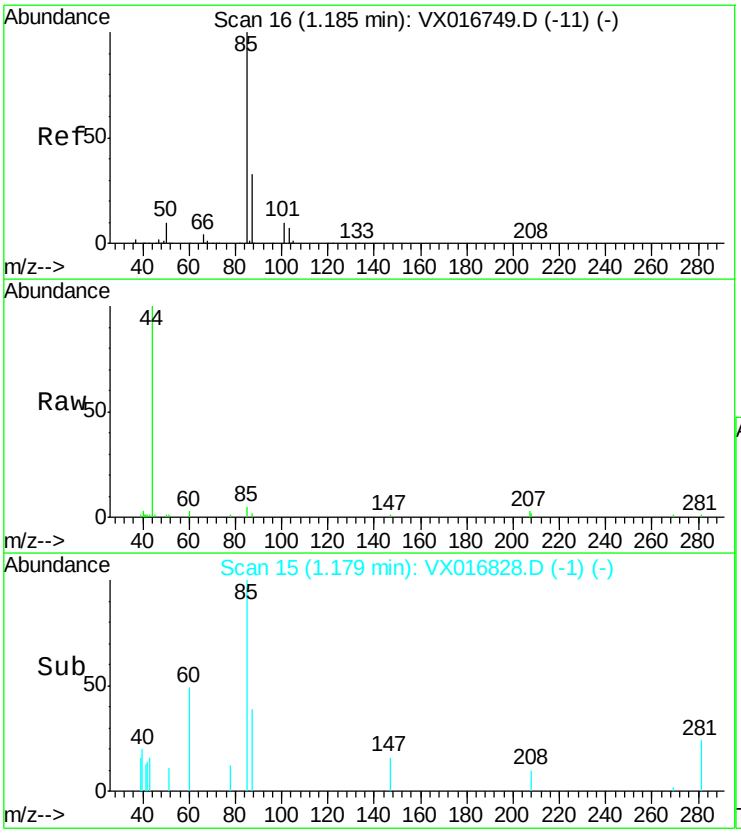
Tgt Ion:168 Resp: 251569

Ion	Ratio	Lower	Upper
168	100		
99	54.2	43.8	65.6

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
MMDadoda
6/18/2020 11:17:29 AM

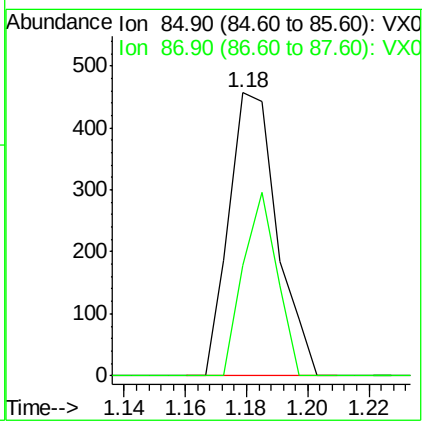


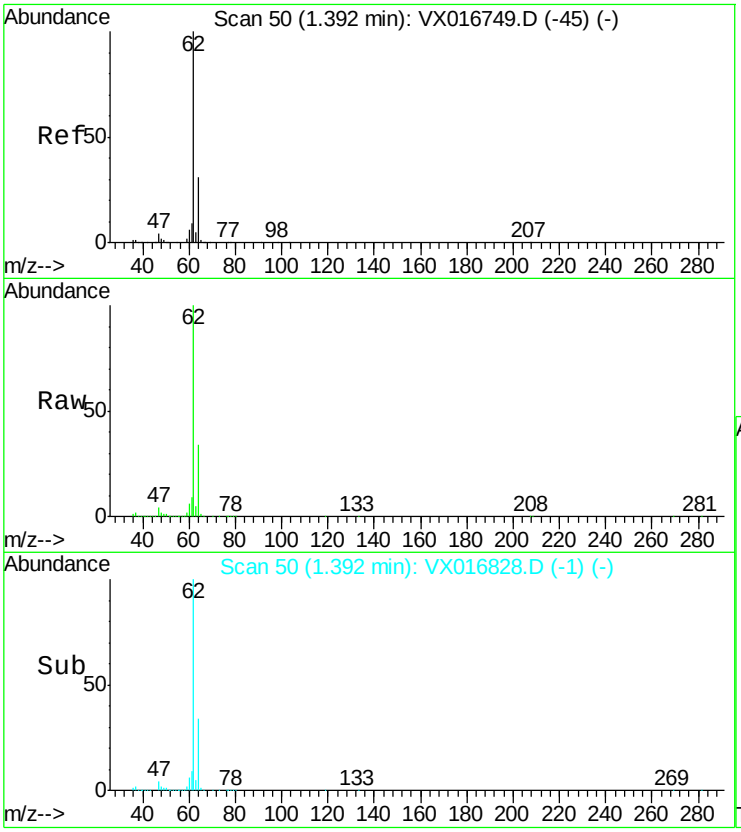


#2
Dichlorodifluoromethane
Concen: 0.320 ug/l
RT: 1.18 min Scan# 15
Delta R.T. -0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 85 Resp: 498

Ion	Ratio	Lower	Upper
85	100		
87	39.2	16.4	49.2





#4
Vinyl Chloride
Concen: 1682.891 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 62 Resp: 4931344

Ion	Ratio	Lower	Upper
62	100		
64	33.9	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
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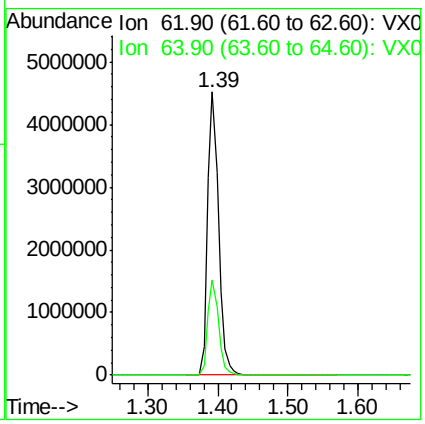
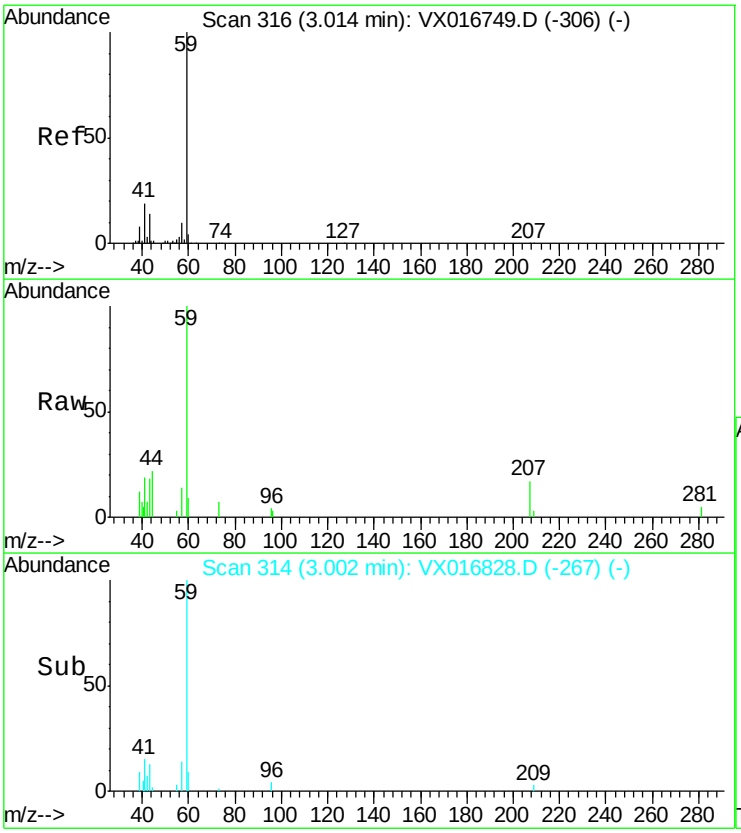
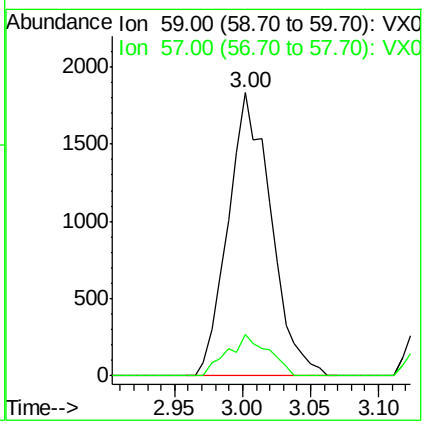


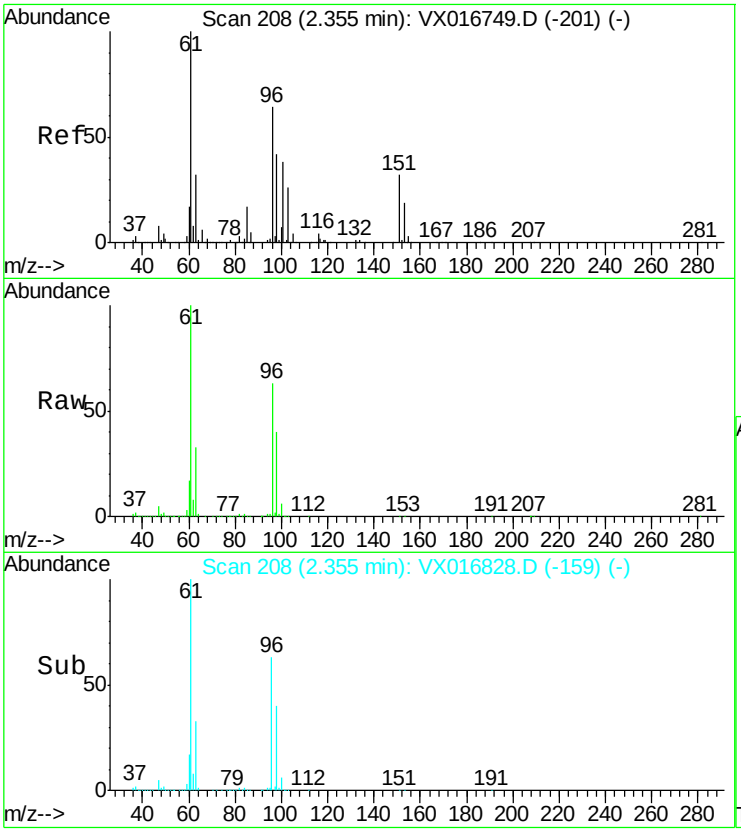


#11
Tert butyl alcohol
Concen: 5.671 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 59 Resp: 4031

Ion	Ratio	Lower	Upper
59	100		
57	13.8	8.2	12.2#





#12
1,1-Dichloroethene
Concen: 213.870 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 96 Resp: 525864

Ion	Ratio	Lower	Upper
96	100		
61	159.0	124.1	186.1
98	64.1	52.7	79.1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
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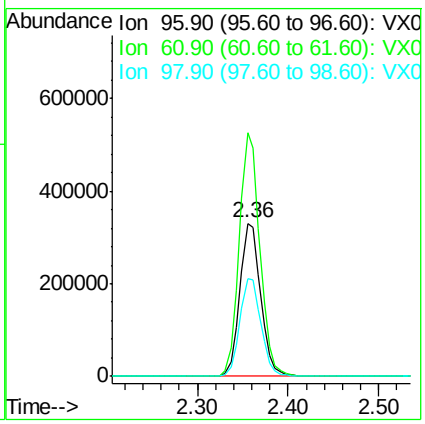
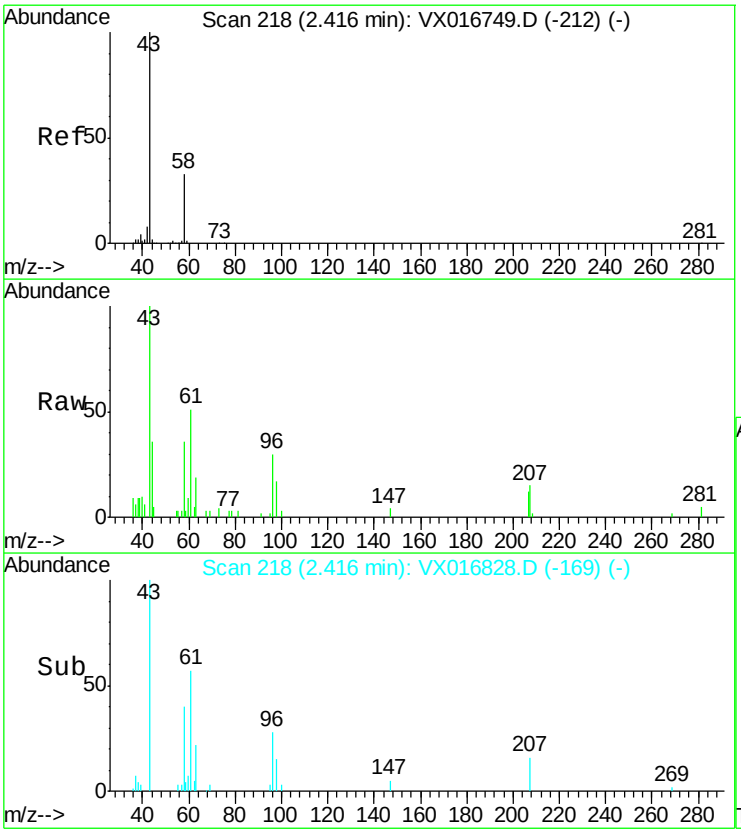
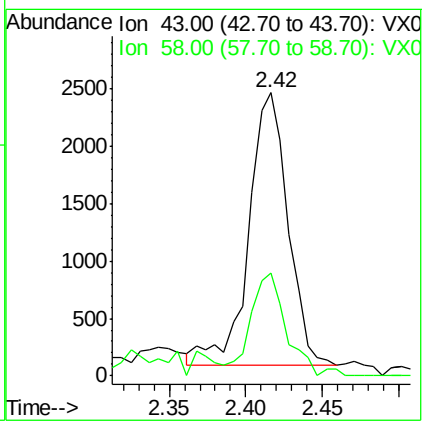


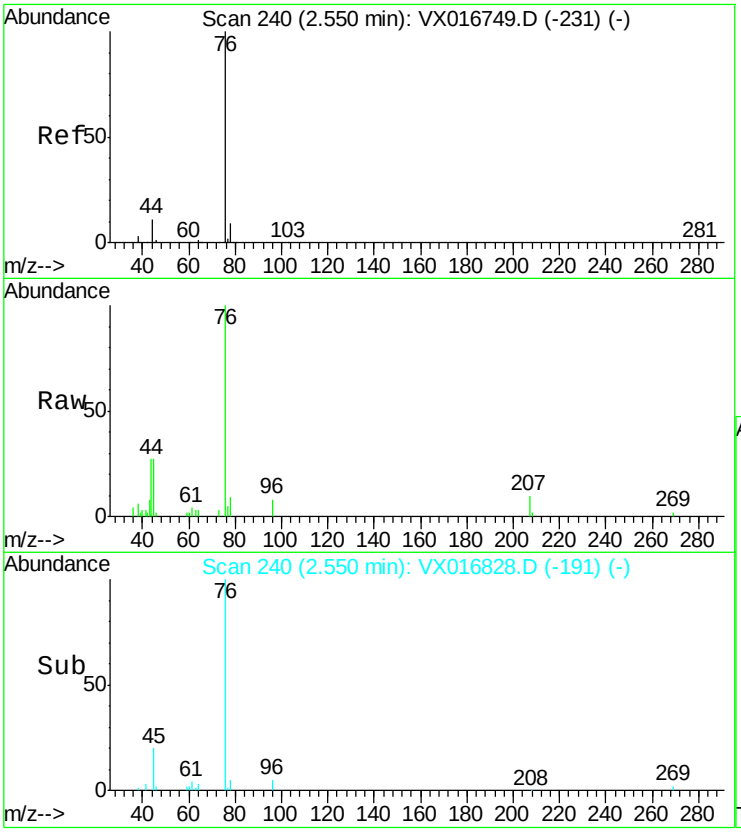


#16
Acetone
Concen: 3.307 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 43 Resp: 4245

Ion	Ratio	Lower	Upper
43	100		
58	37.6	26.3	39.5





#17
Carbon Disulfide
Concen: 0.676 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 76 Resp: 4760

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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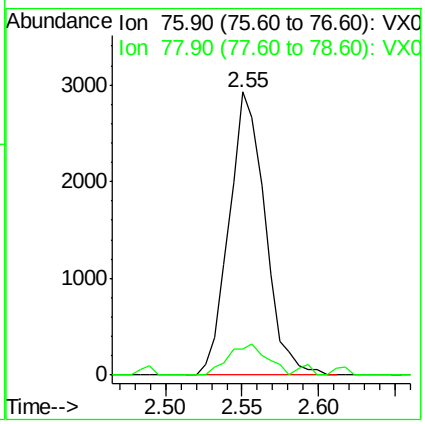
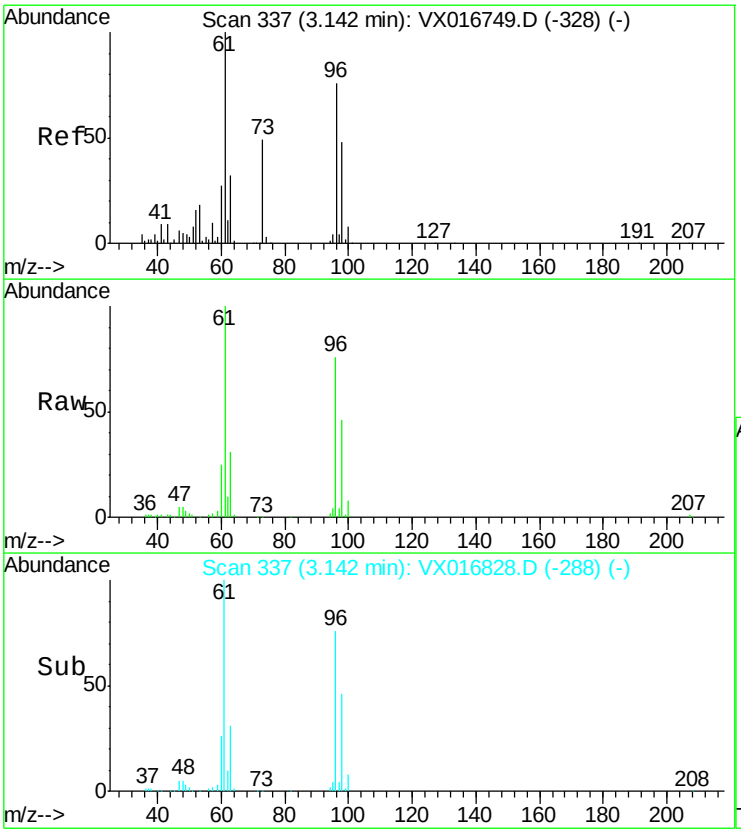
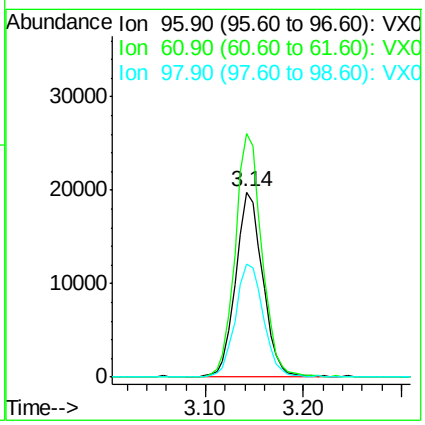


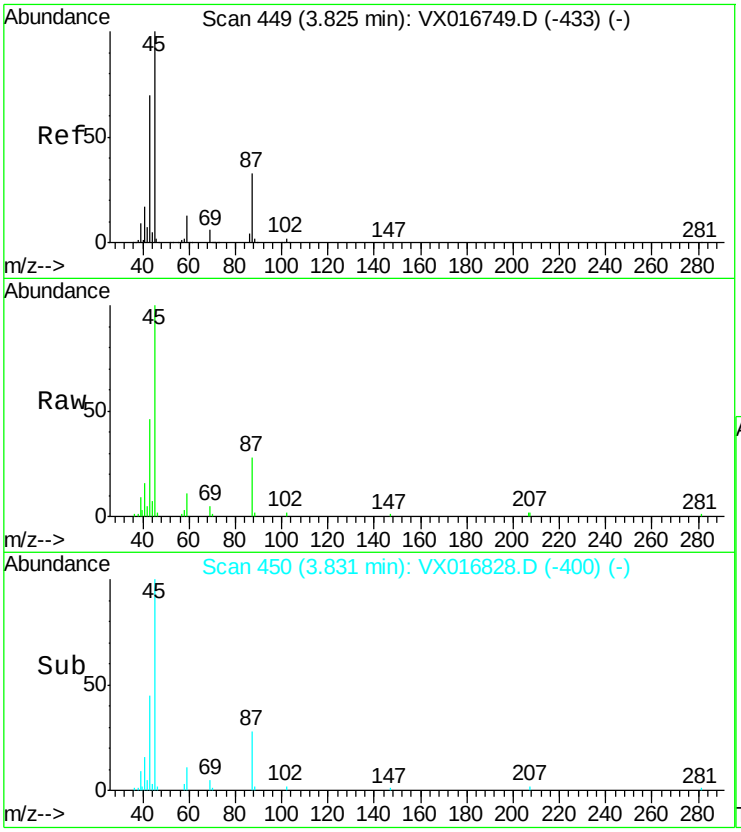


#21
trans-1,2-Dichloroethene
Concen: 14.477 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 96 Resp: 38251

Ion	Ratio	Lower	Upper
96	100		
61	131.7	105.4	158.2
98	61.1	50.8	76.2

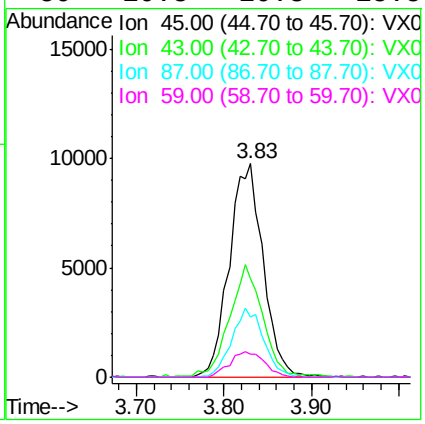




#22
Diisopropyl ether
Concen: 3.641 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 45 Resp: 26297

Ion	Ratio	Lower	Upper
45	100		
43	46.2	56.2	84.4#
87	28.0	26.2	39.4
59	10.8	10.3	15.5



Instrument :
MSVOA_X
ClientSampleId :
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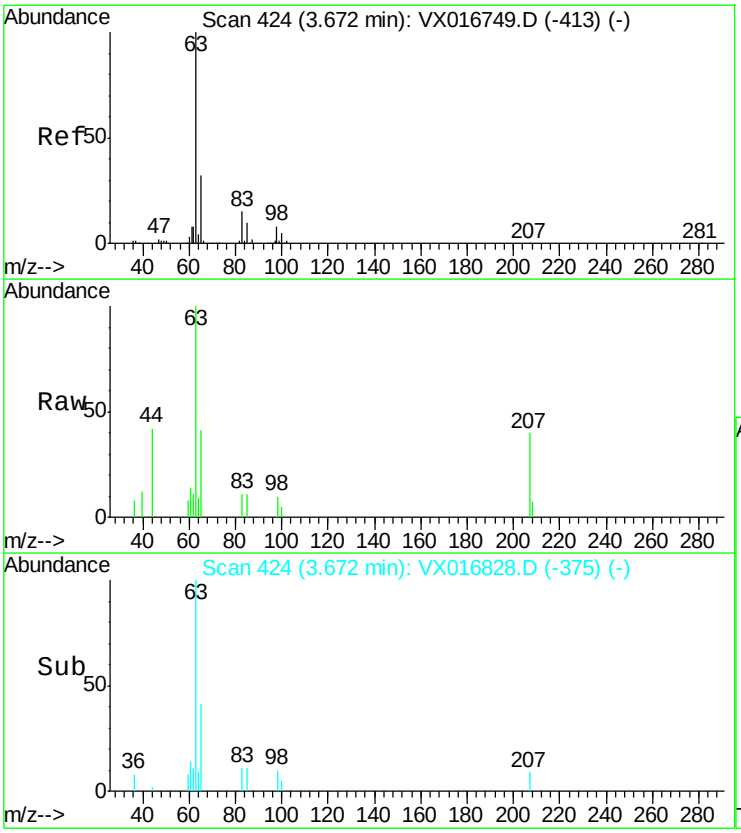
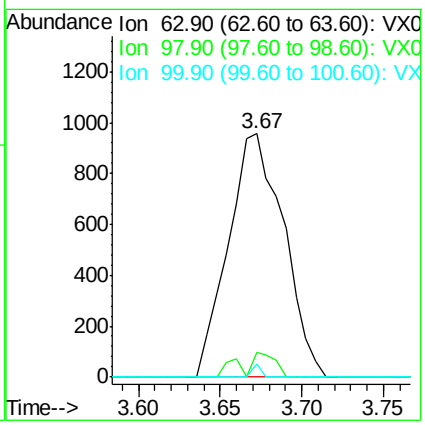
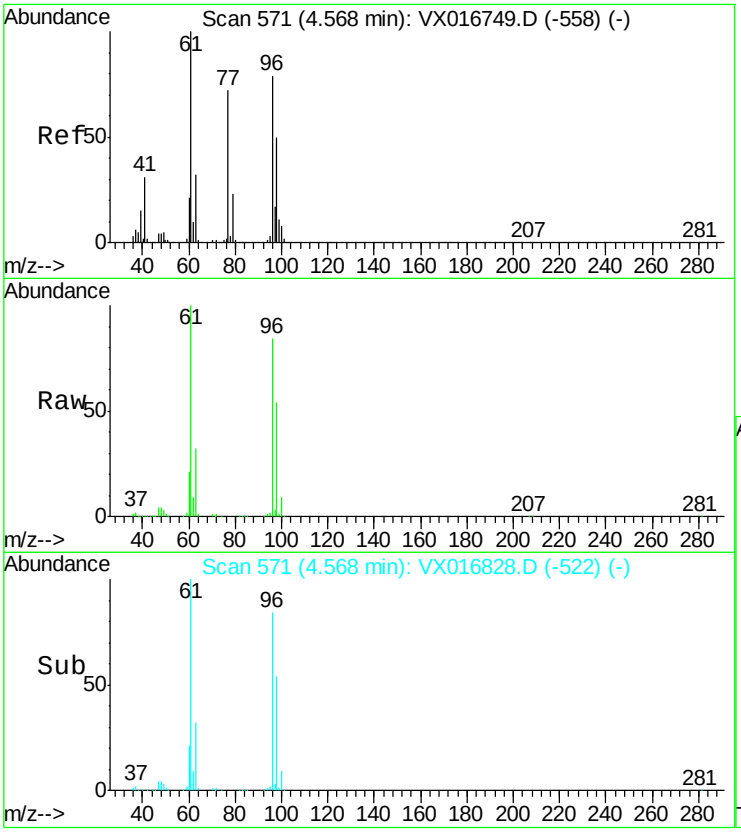


#24
1,1-Dichloroethane
Concen: 0.499 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 63 Resp: 2256

Ion	Ratio	Lower	Upper
63	100		
98	10.1	3.8	11.4
100	5.3	2.3	6.9





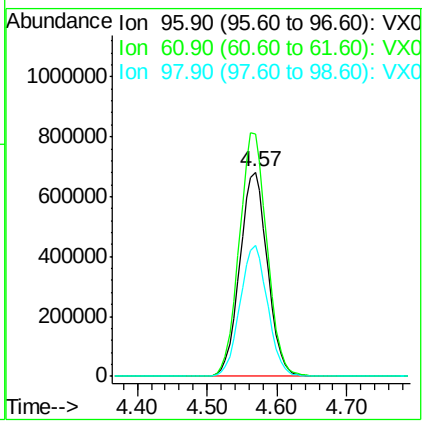
#27
cis-1,2-Dichloroethene
Concen: 620.054 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

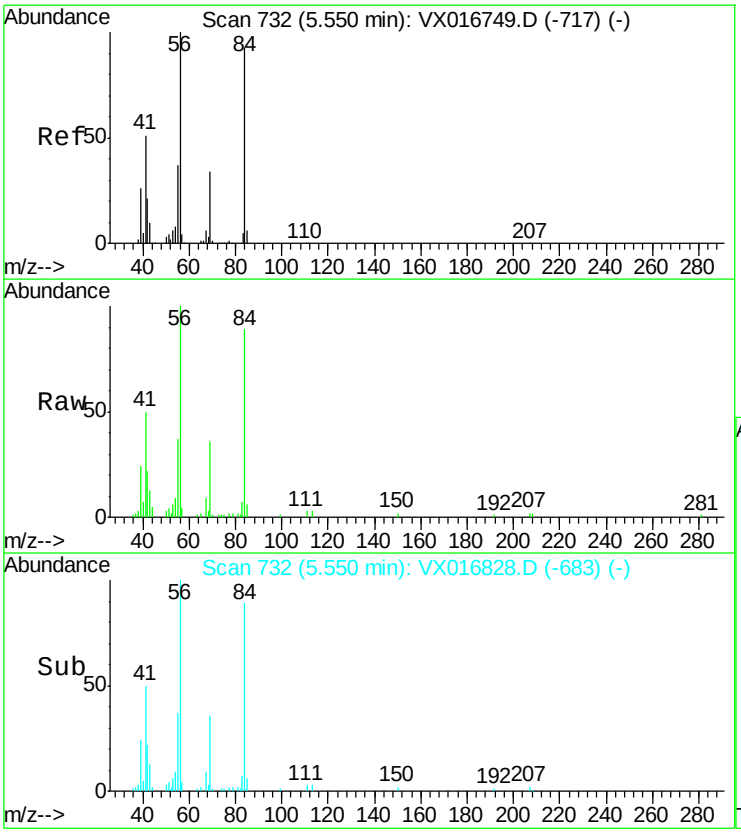
Tgt Ion: 96 Resp: 1872558

Ion	Ratio	Lower	Upper
96	100		
61	119.7	0.0	276.2
98	64.2	0.0	130.0

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
MMDadoda
6/18/2020 11:17:29 AM

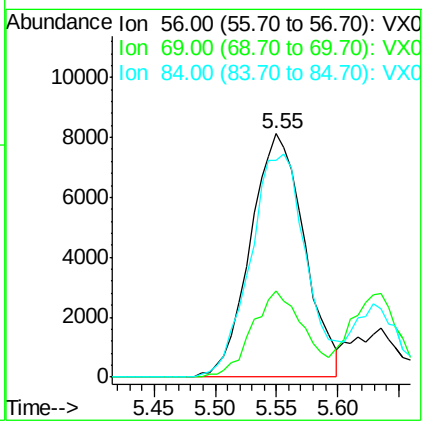


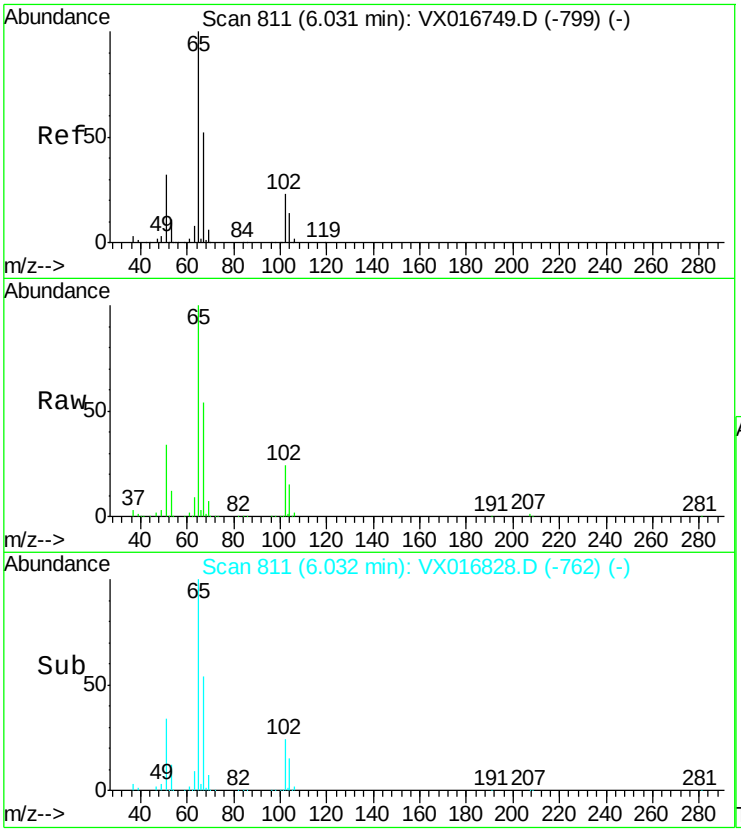


#31
Cyclohexane
Concen: 7.451 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 56 Resp: 24925

Ion	Ratio	Lower	Upper
56	100		
69	35.6	27.1	40.7
84	89.3	74.0	111.0





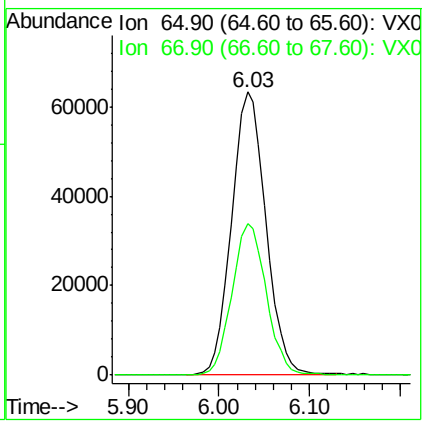
#33
1,2-Dichloroethane-d4
Concen: 58.748 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

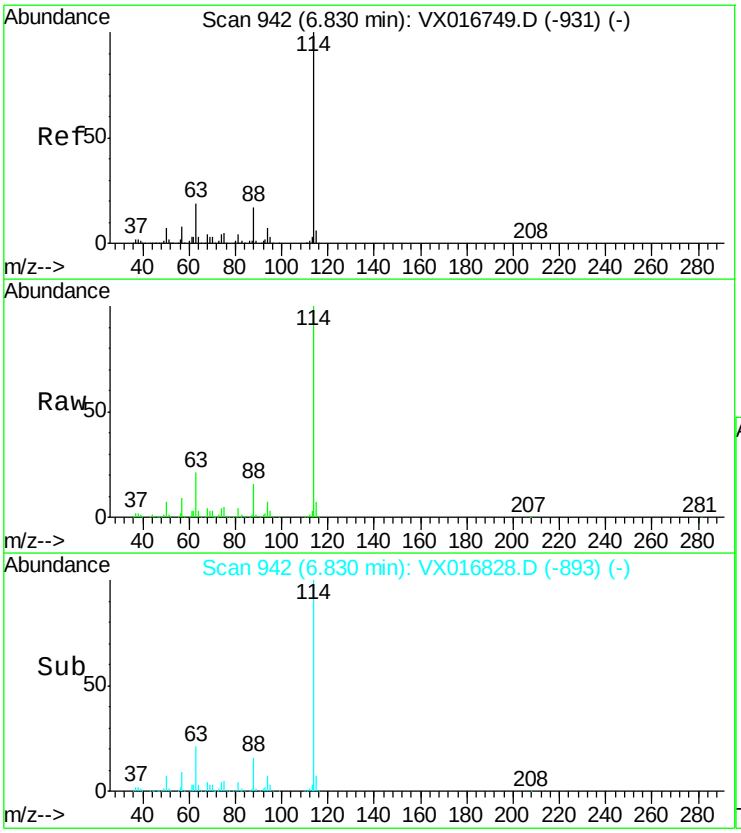
Tgt Ion: 65 Resp: 166256

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	103.0

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
MMDadoda
6/18/2020 11:17:29 AM

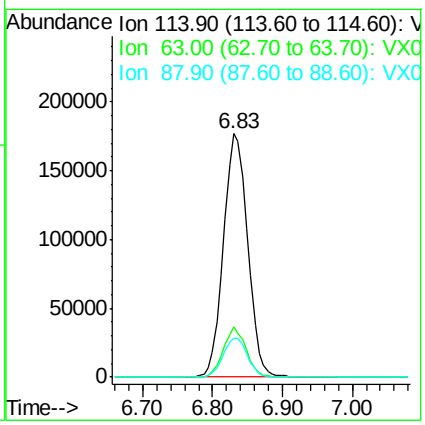


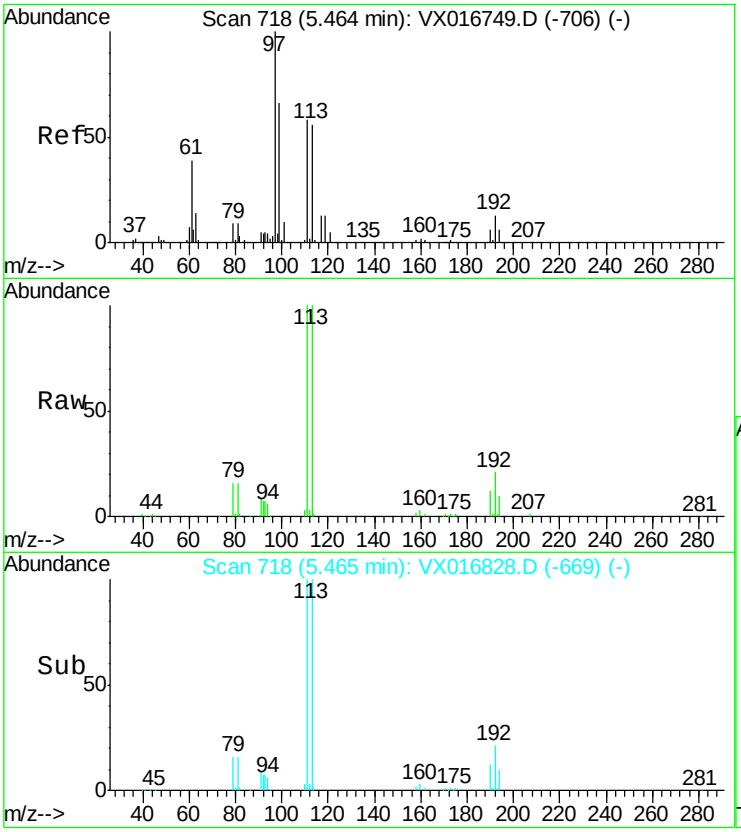


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:114 Resp: 426819

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.8
88	16.2	0.0	33.4





#35
Dibromofluoromethane
Concen: 46.127 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:113 Resp: 121470

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	23.2	18.2	27.4

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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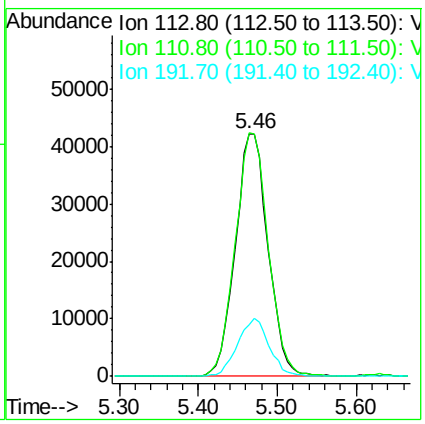
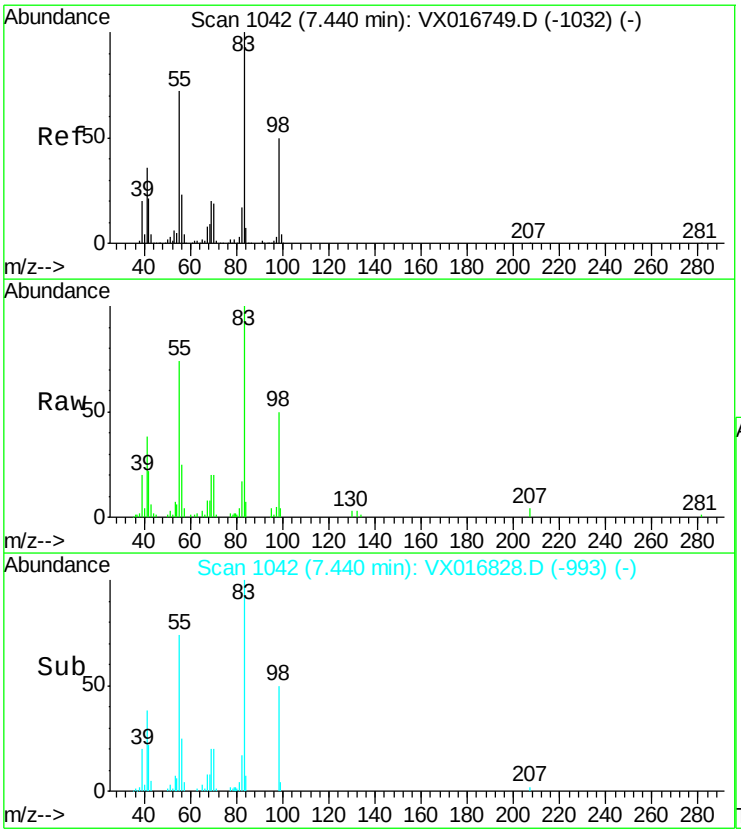
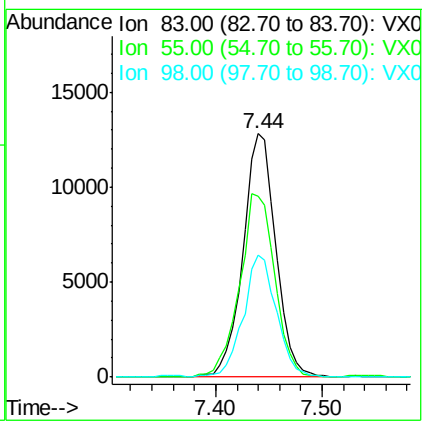


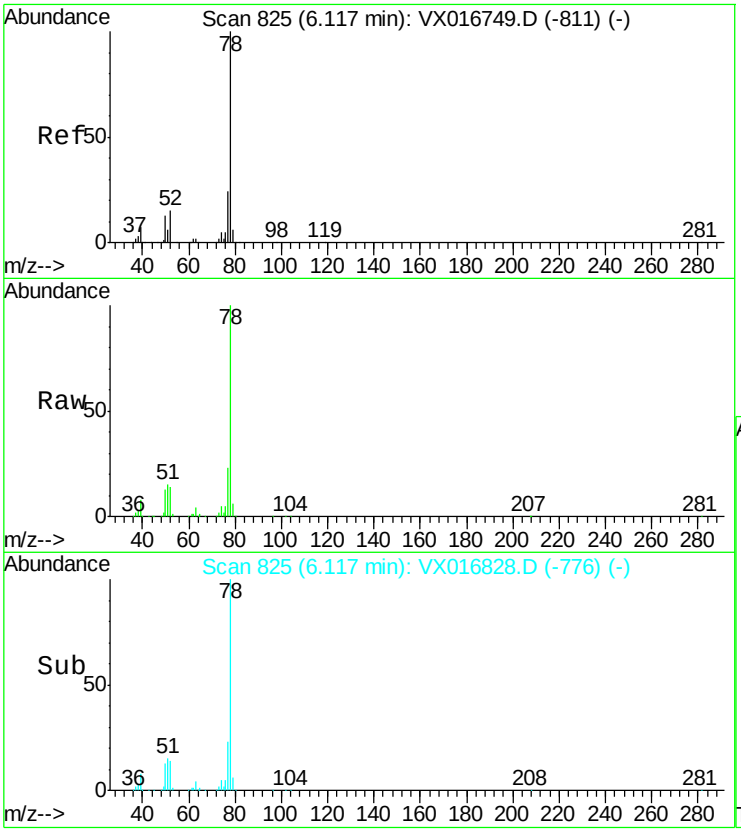


#39
Methylcyclohexane
Concen: 7.177 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 83 Resp: 27753

Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.3	85.9
98	50.1	40.3	60.5





#40
Benzene
Concen: 16.282 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 78 Resp: 186992

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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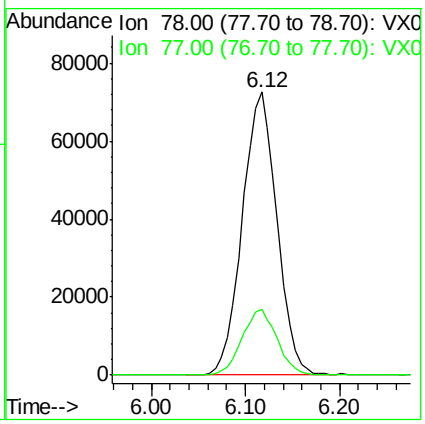
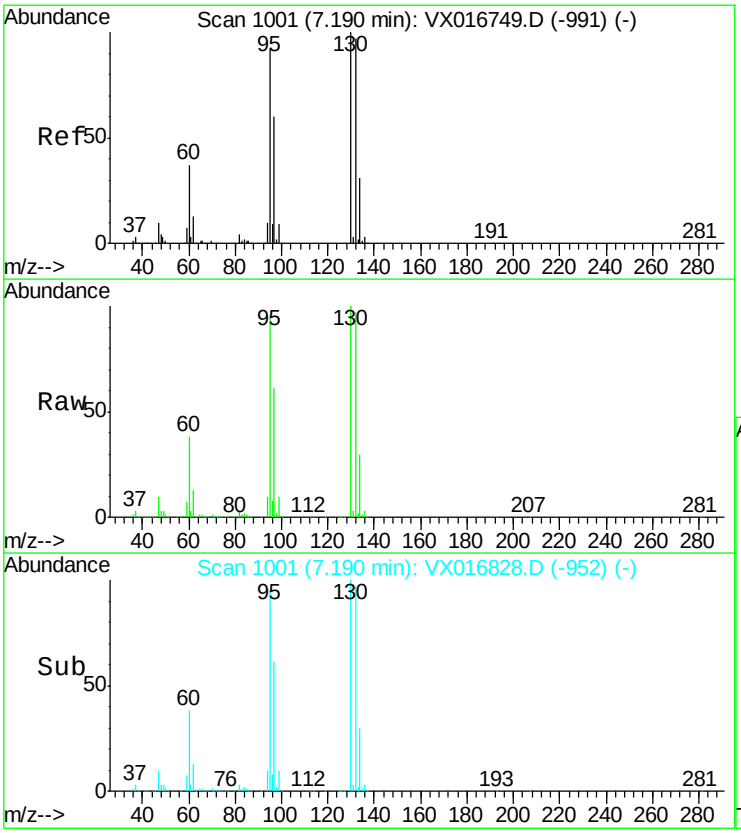
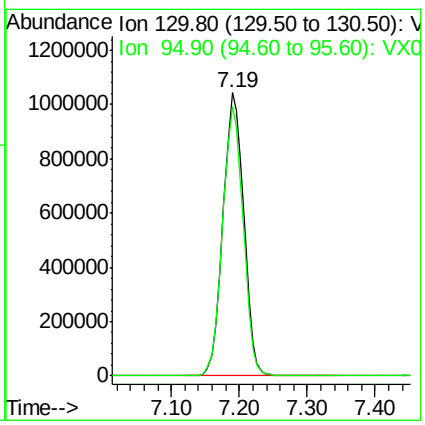


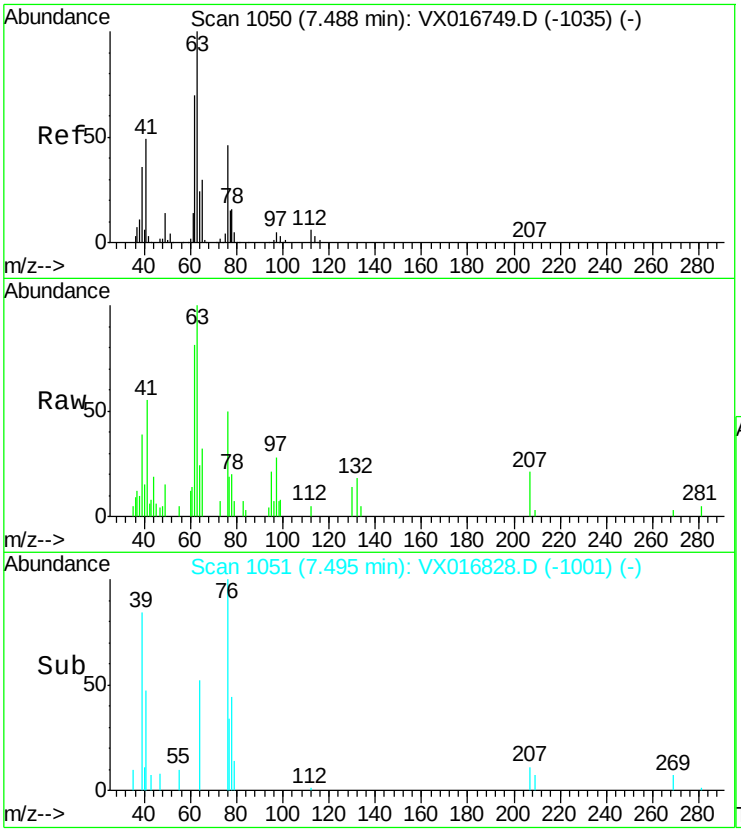


#44
Trichloroethene
Concen: 624.140 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:130 Resp: 2217163

Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	183.6





#45
1,2-Dichloropropane
Concen: 1.200 ug/l
RT: 7.49 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 63 Resp: 3378

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.2	36.2

Instrument :
MSVOA_X
ClientSampleId :
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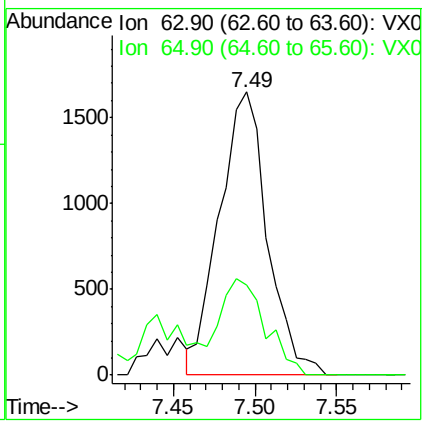
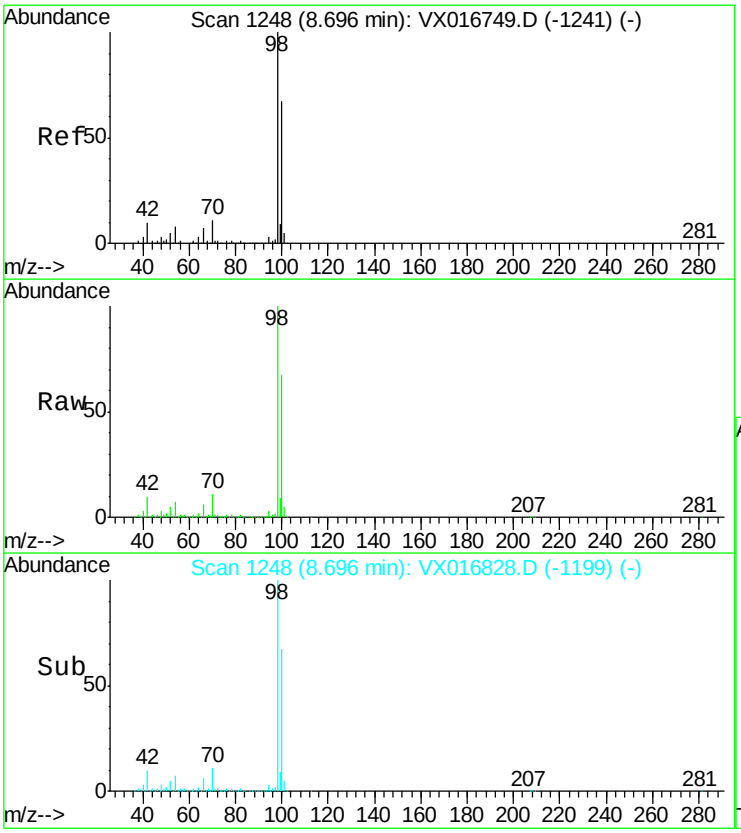
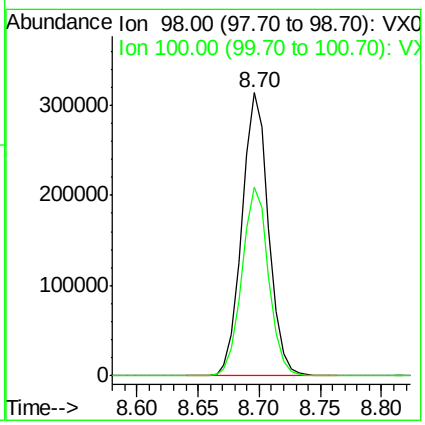


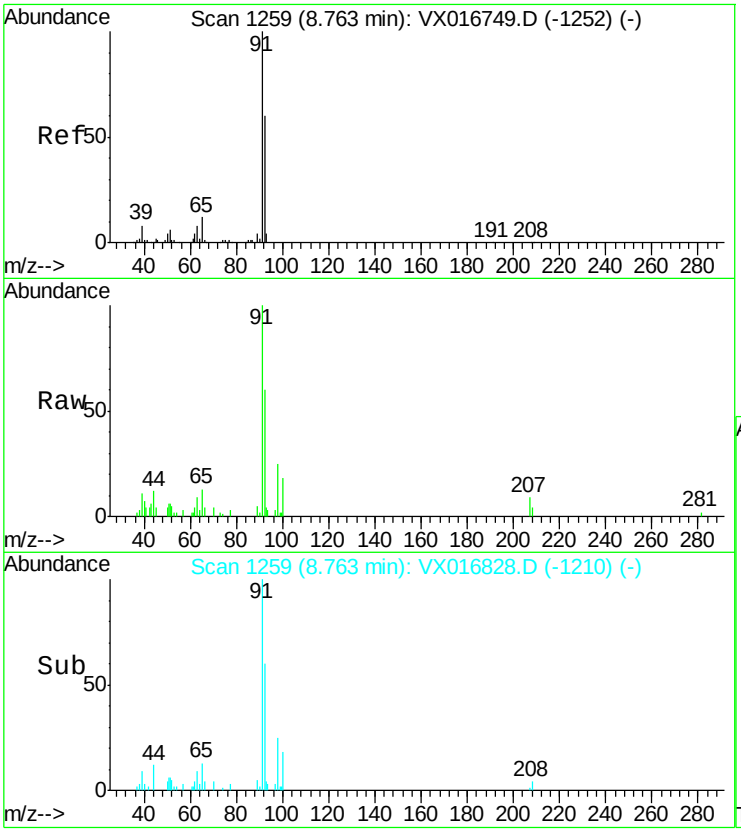


#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 98 Resp: 474509

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9





#52
Toluene
Concen: 0.461 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 92 Resp: 3438

Ion	Ratio	Lower	Upper
92	100		
91	190.8	136.1	204.1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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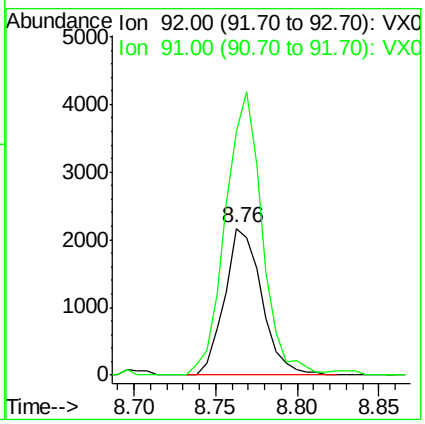
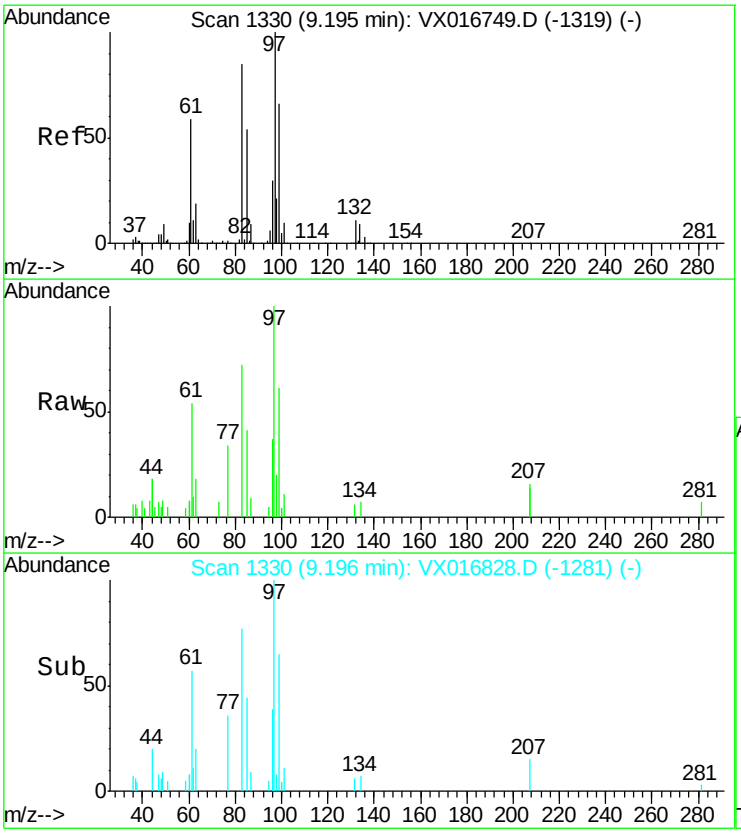
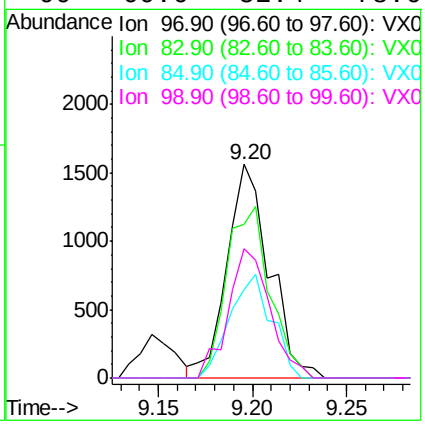


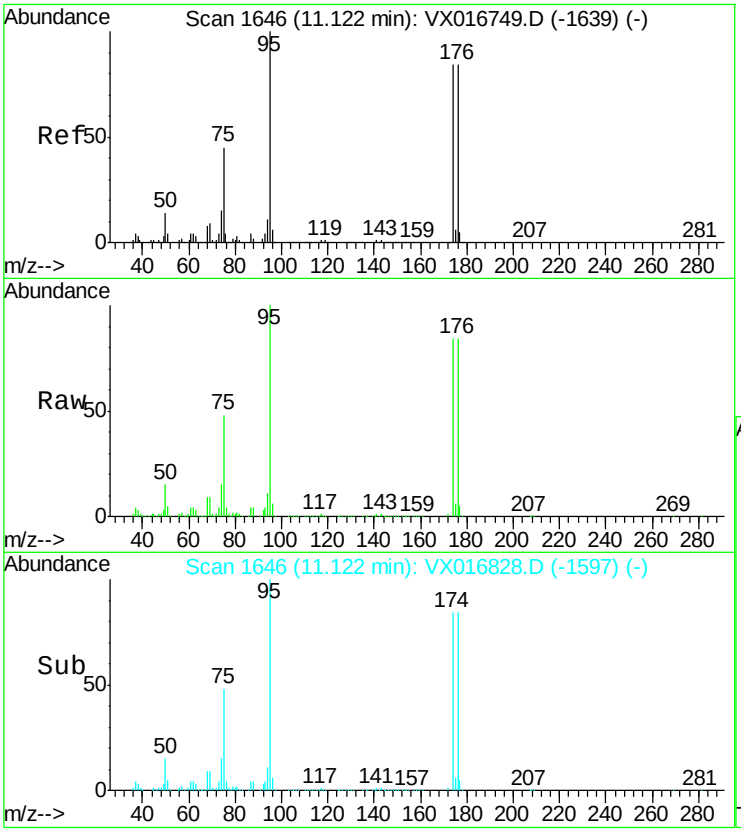


#55
1,1,2-Trichloroethane
Concen: 0.817 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 97 Resp: 2451

Ion	Ratio	Lower	Upper
97	100		
83	71.8	68.3	102.5
85	41.4	43.5	65.3#
99	60.6	52.4	78.6





#62
4-Bromofluorobenzene
Concen: 57.837 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 95 Resp: 214813

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	171.0
176	84.8	0.0	166.2

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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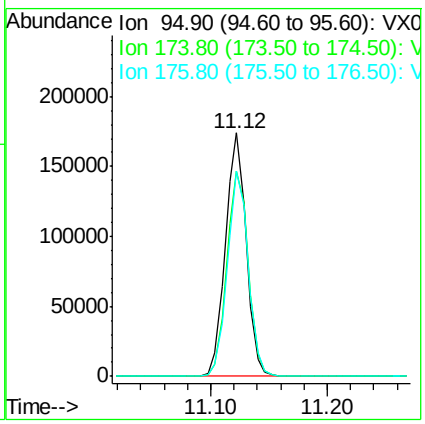
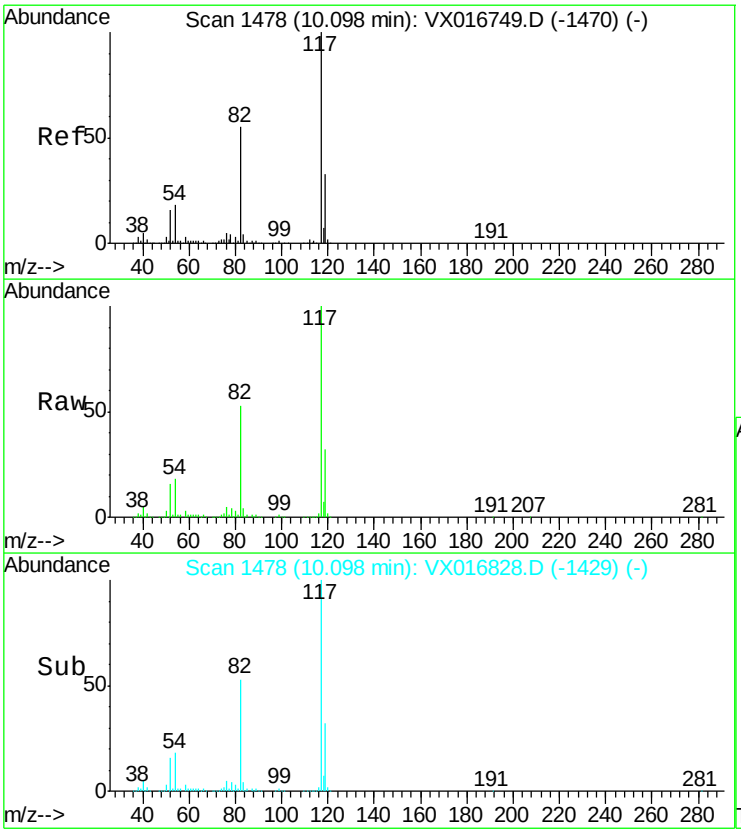
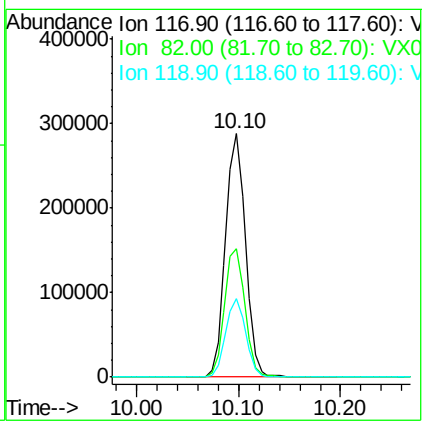


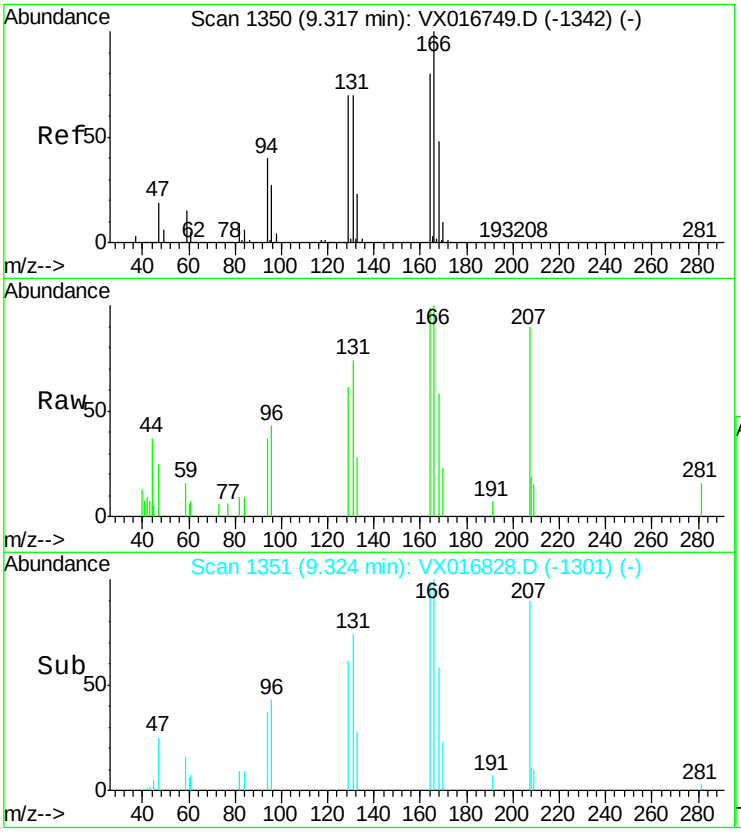


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:117 Resp: 389879

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.6
119	32.2	26.2	39.4





#64
Tetrachloroethene
Concen: 0.396 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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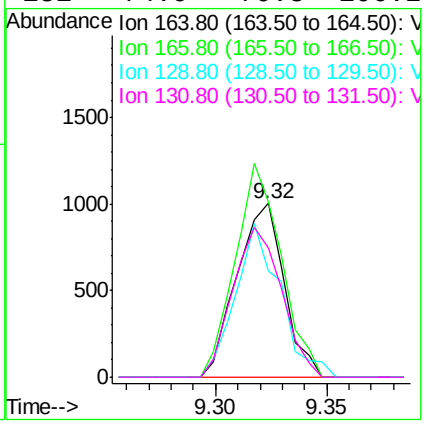
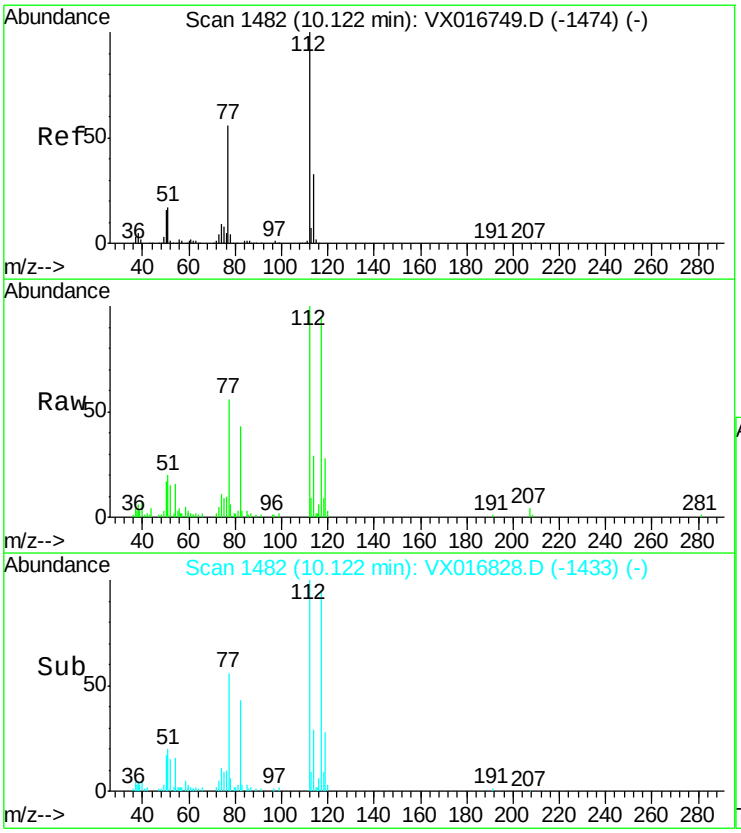
Tgt Ion:164 Resp: 1483

Ion	Ratio	Lower	Upper
164	100		
166	101.2	100.6	150.8
129	61.3	70.1	105.1#
131	74.9	70.8	106.2

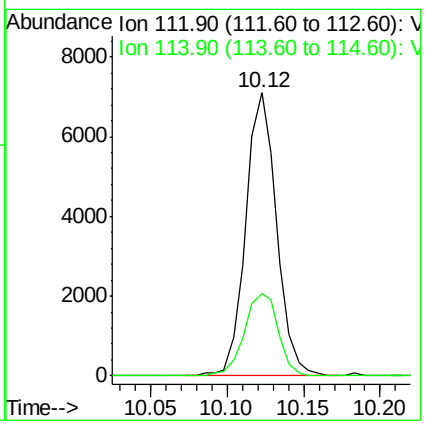


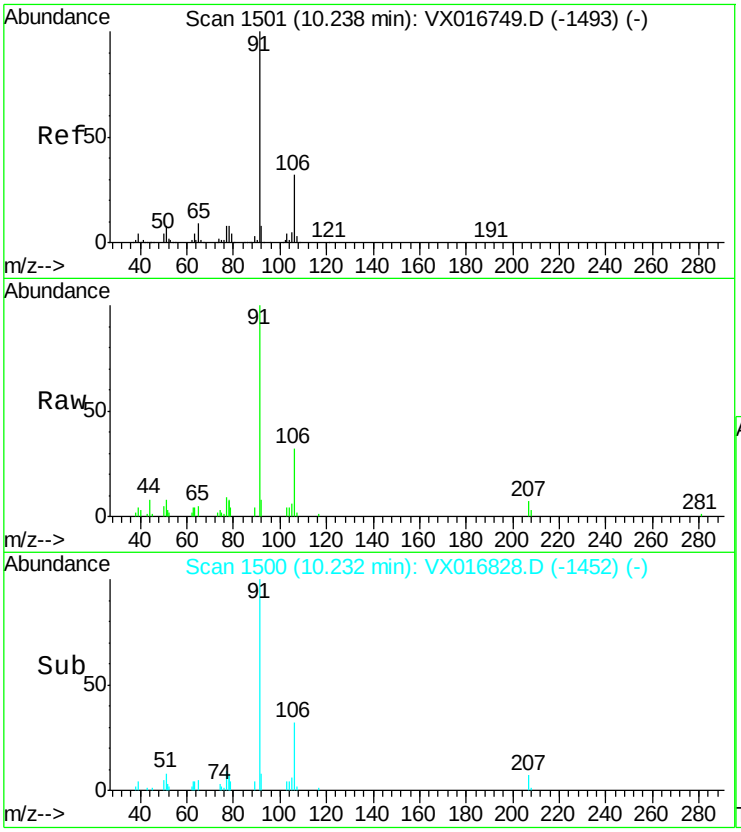


#65
Chlorobenzene
Concen: 1.255 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:112 Resp: 9930

Ion	Ratio	Lower	Upper
112	100		
114	28.9	26.2	39.4





#67
Ethyl Benzene
Concen: 0.449 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 91 Resp: 6003

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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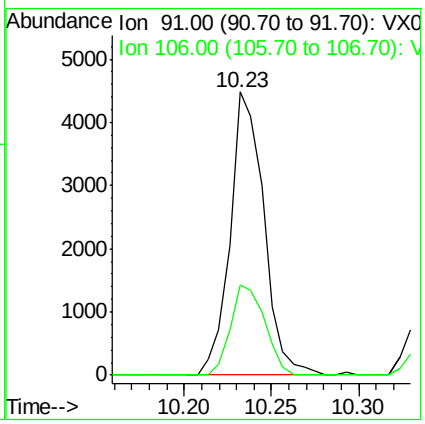
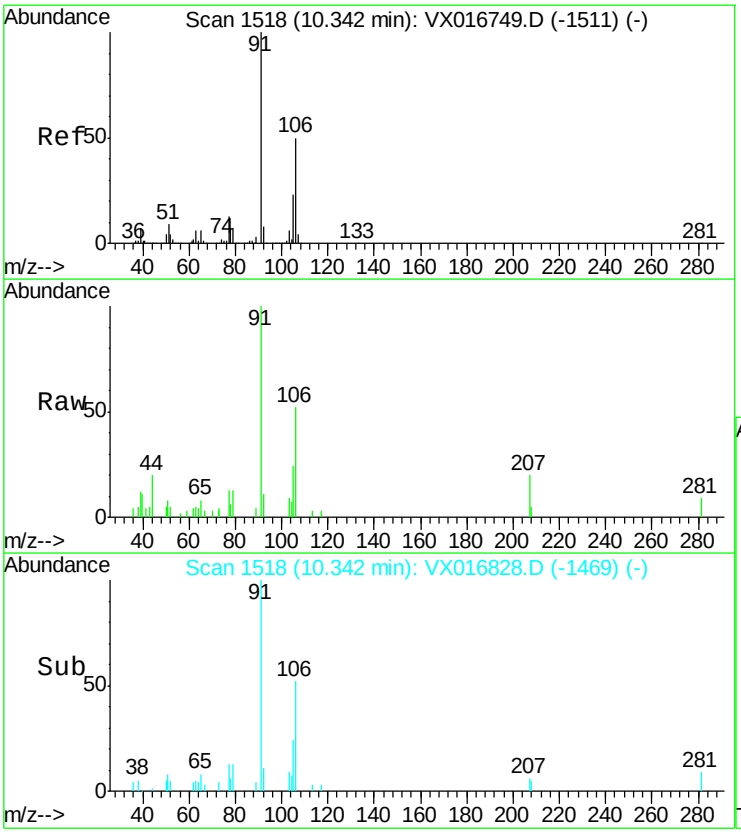
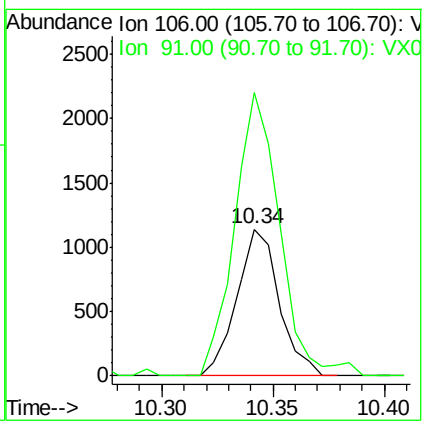


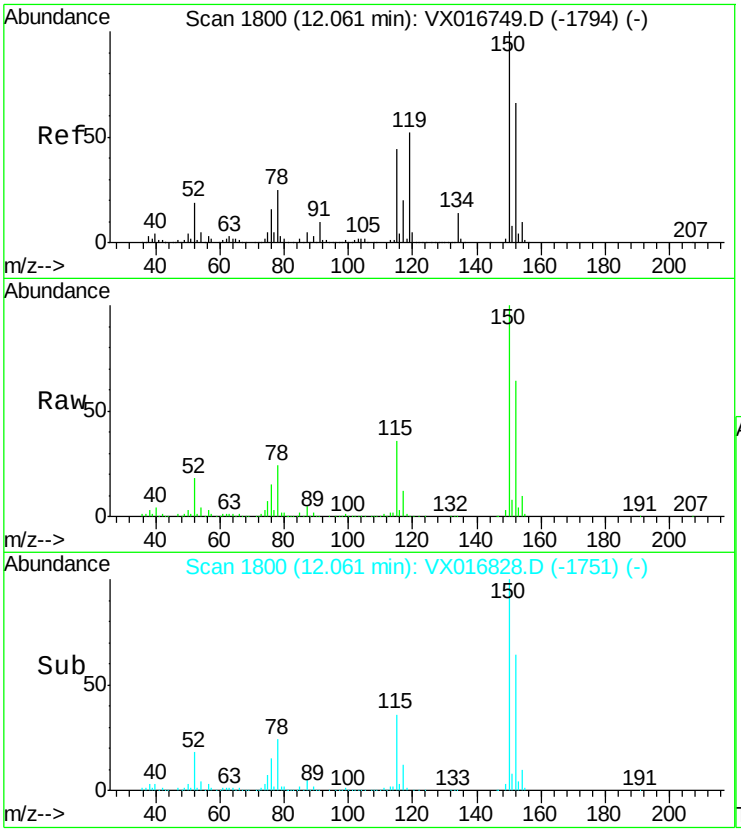


#68
m/p-Xylenes
Concen: 0.299 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:106 Resp: 1514

Ion	Ratio	Lower	Upper
106	100		
91	205.1	161.2	241.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:152 Resp: 221876

Ion	Ratio	Lower	Upper
152	100		
115	57.4	40.3	120.8
150	156.6	0.0	337.4

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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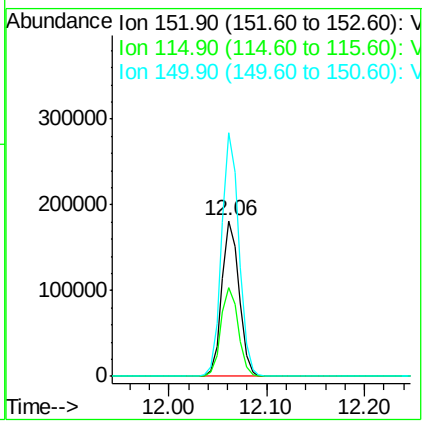
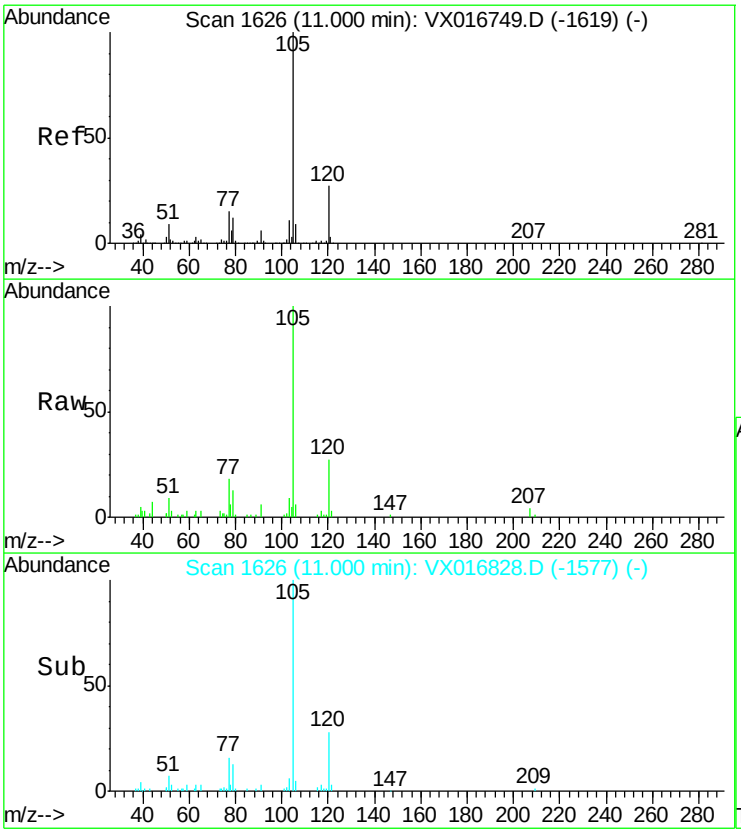
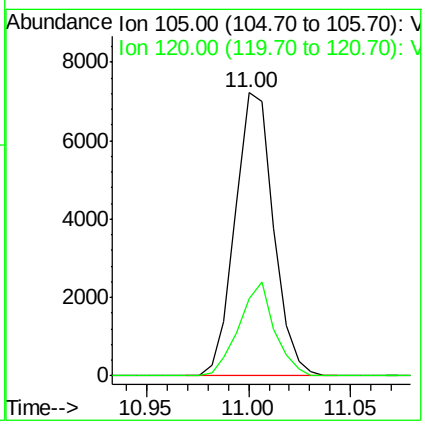


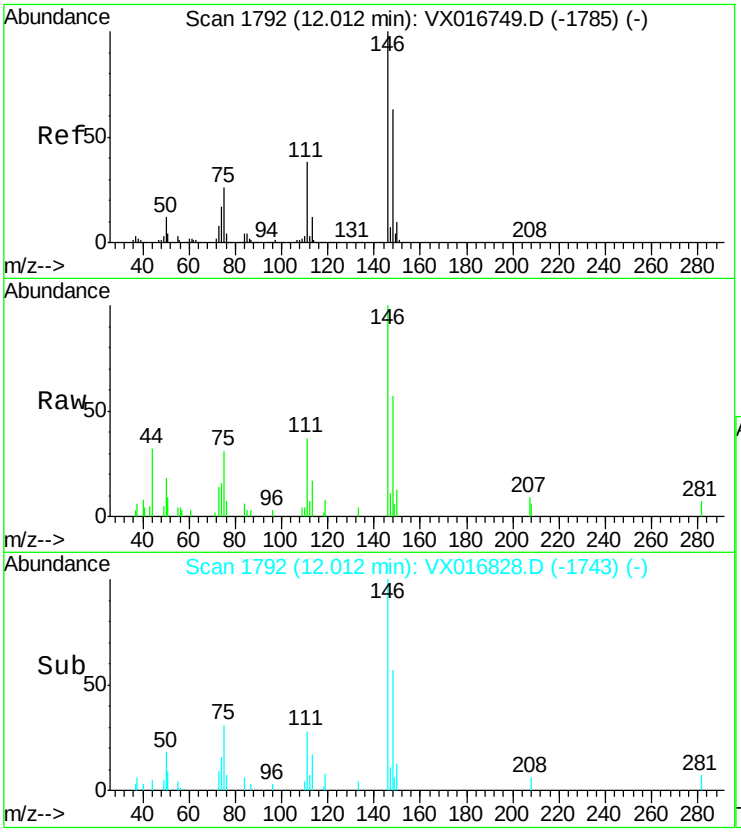


#73
Isopropylbenzene
Concen: 0.649 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:105 Resp: 9446

Ion	Ratio	Lower	Upper
105	100		
120	30.4	13.2	39.5





#87
1,3-Dichlorobenzene
Concen: 0.412 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

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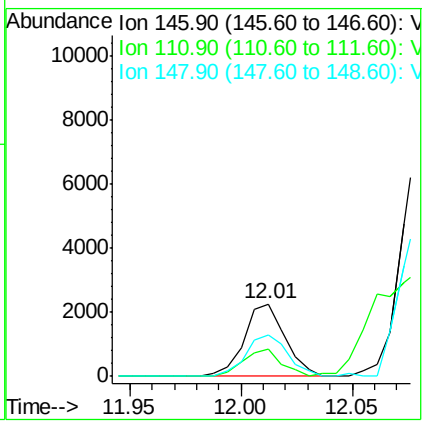
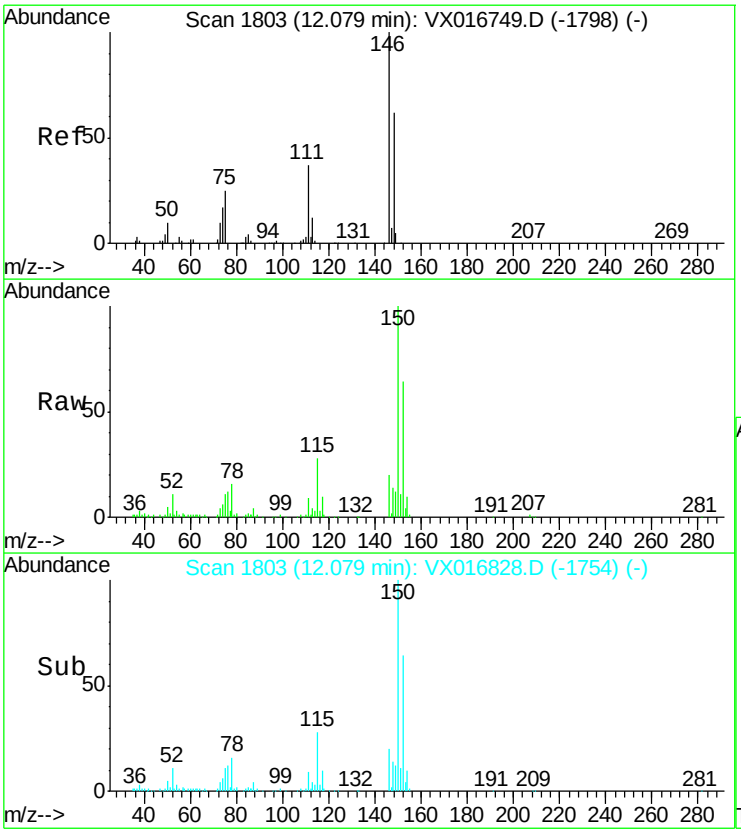
Tgt Ion:146 Resp: 2864

Ion	Ratio	Lower	Upper
146	100		
111	35.2	19.8	59.3
148	59.0	31.9	95.7

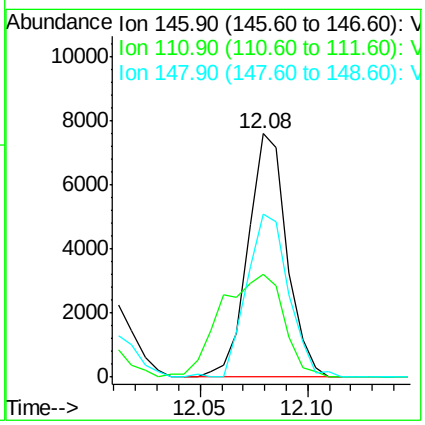


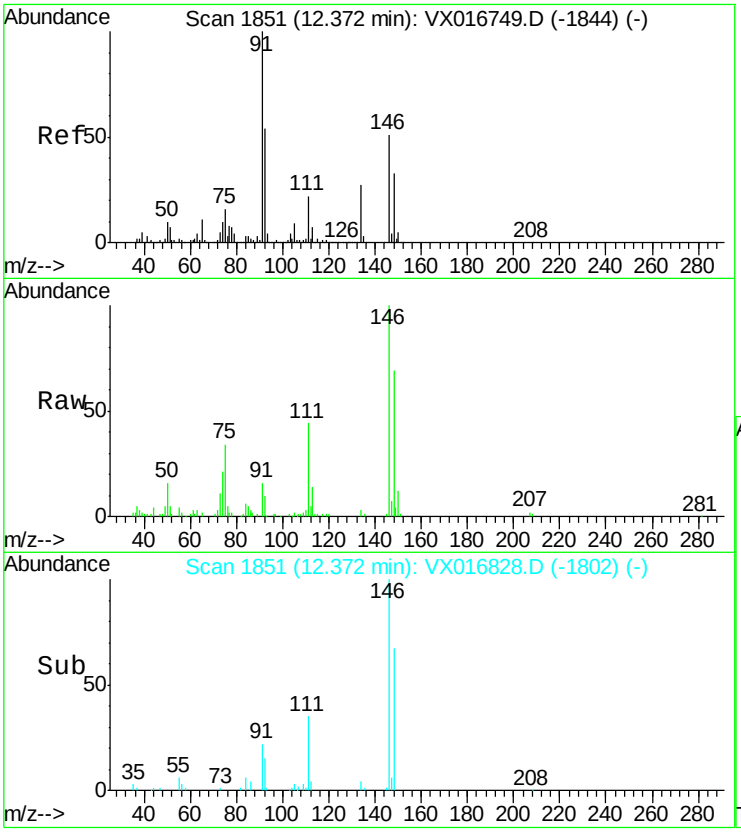


#88
1,4-Dichlorobenzene
Concen: 1.327 ug/l m
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:146 Resp: 9567

Ion	Ratio	Lower	Upper
146	100		
111	10.5	19.3	57.8#
148	17.7	32.1	96.5#





#89
n-Butylbenzene
Concen: 0.278 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion: 91 Resp: 2881

Ion	Ratio	Lower	Upper
91	100		
92	60.9	27.0	80.8
134	28.0	13.7	41.0

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
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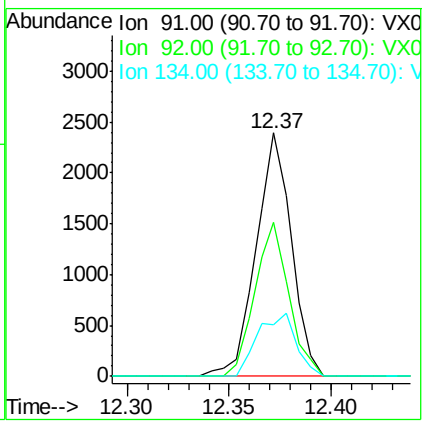
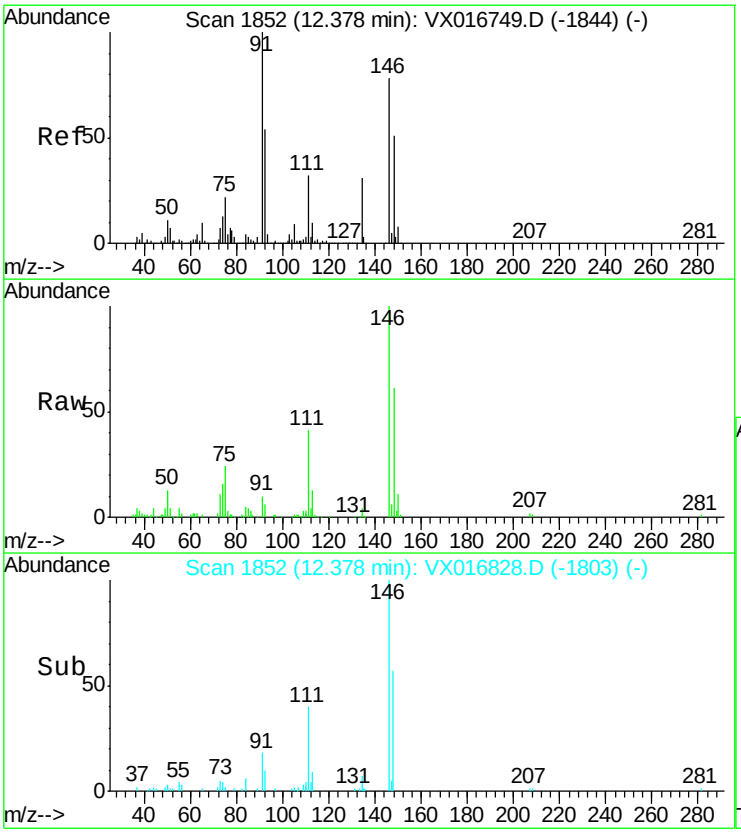
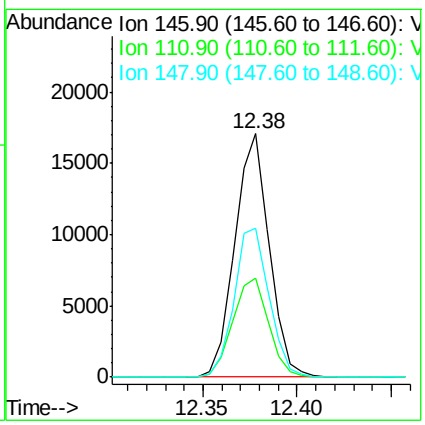


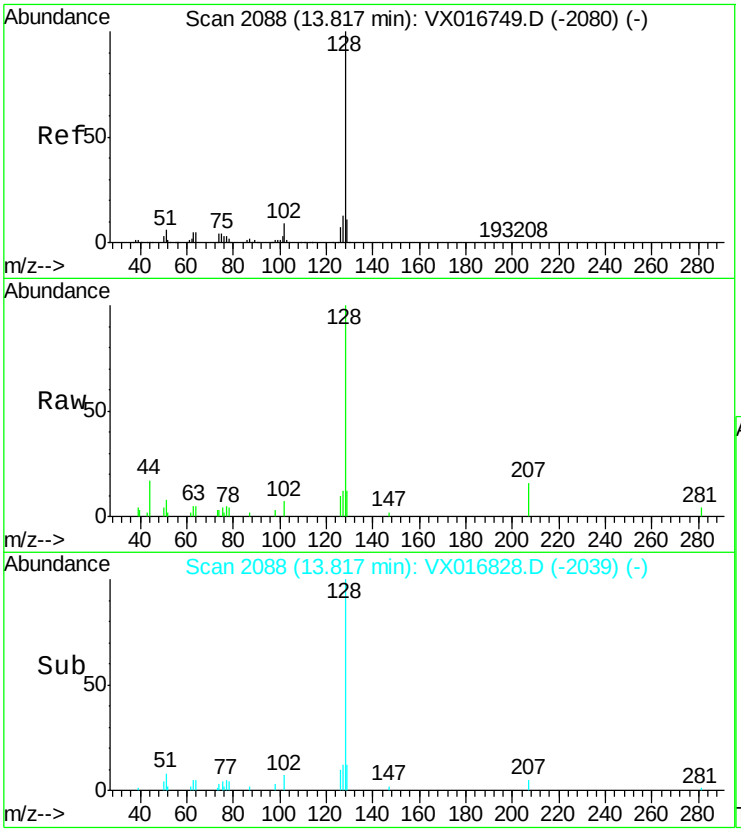


#91
1,2-Dichlorobenzene
Concen: 3.094 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:146 Resp: 21504

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.2
148	62.6	32.1	96.5

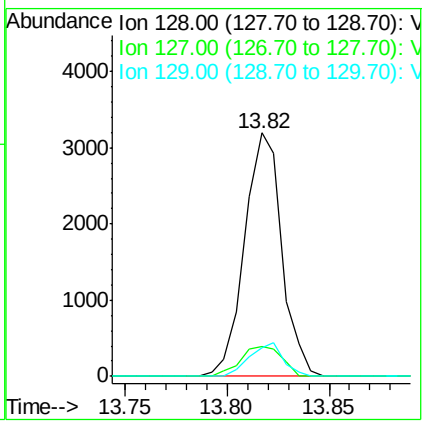




#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016828.D
Acq: 17 Jun 2020 19:36

Tgt Ion:128 Resp: 4059

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	12.4	8.8	13.2

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-200616

Manual Integrations APPROVED
MMDadoda
6/18/2020 11:17:29 AM