

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001111.D
 Acq On : 25 Apr 2018 06:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:38 AM

Quant Time: Apr 25 08:45:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147129	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	5.51	113	122617	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	429656	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	11.14	95	180760	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157814	51.60	ug/l	98
3) Chloromethane	1.32	50	136231	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	154294	52.27	ug/l	100
5) Bromomethane	1.64	94	84724	49.88	ug/l	99
6) Chloroethane	1.72	64	88880	50.67	ug/l	99
7) Trichlorofluoromethane	1.93	101	228643	51.56	ug/l	99
8) Diethyl Ether	2.19	74	83484	50.97	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127334	49.01	ug/l	98
10) Methyl Iodide	2.51	142	118184	46.69	ug/l	99
11) Tert butyl alcohol	3.08	59	150186	318.56	ug/l	98
12) 1,1-Dichloroethene	2.38	96	119230	49.62	ug/l	98
13) Acrolein	2.30	56	56462	378.53	ug/l	100
14) Allyl chloride	2.73	41	217764	50.08	ug/l	99
15) Acrylonitrile	3.15	53	347596	272.42	ug/l	100
16) Acetone	2.45	43	306766	260.60	ug/l	99
17) Carbon Disulfide	2.57	76	299160	43.69	ug/l	99
18) Methyl Acetate	2.78	43	226144	63.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	430345	53.28	ug/l	99
20) Methylene Chloride	2.86	84	135524	54.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	128583	48.07	ug/l	99
22) Diisopropyl ether	3.88	45	440152	52.29	ug/l	99
23) Vinyl Acetate	3.83	43	1752051	251.41	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232822	49.31	ug/l	100
25) 2-Butanone	4.71	43	492556	268.04	ug/l	100
26) 2,2-Dichloropropane	4.59	77	142066	34.98	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	145257	48.75	ug/l	97
28) Bromochloromethane	5.03	49	96713	53.26	ug/l	98
29) Tetrahydrofuran	5.17	42	317462	273.39	ug/l	100
30) Chloroform	5.23	83	249162	50.95	ug/l	98
31) Cyclohexane	5.58	56	205763	46.69	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	226065	51.56	ug/l	99
36) 1,1-Dichloropropene	5.81	75	182604	45.78	ug/l	100
37) Ethyl Acetate	4.87	43	192849	52.71	ug/l	100
38) Carbon Tetrachloride	5.79	117	197675	48.94	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	210329	45.30	ug/l	99
40) Benzene	6.15	78	536300	48.36	ug/l	99
41) Methacrylonitrile	5.07	41	114622	50.17	ug/l	99
42) 1,2-Dichloroethane	6.21	62	212194	49.85	ug/l	99
43) Isopropyl Acetate	6.48	43	326151	51.96	ug/l	99
44) Trichloroethene	7.22	130	158034	46.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139635	50.08	ug/l	98
46) Dibromomethane	7.67	93	96365	49.46	ug/l	99
47) Bromodichloromethane	7.91	83	187912	52.06	ug/l	98
48) Methyl methacrylate	7.79	41	176178	52.12	ug/l	98
49) 1,4-Dioxane	7.76	88	62956	1266.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1065582	279.57	ug/l	99
52) Toluene	8.79	92	358139	49.48	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	210555	48.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	200558	49.27	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	146628	50.97	ug/l	98
56) Ethyl methacrylate	9.19	69	221786	52.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	238254	49.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539369	261.55	ug/l	99
59) 2-Hexanone	9.51	43	807745	276.87	ug/l	99
60) Dibromochloromethane	9.59	129	160910	53.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157282	51.80	ug/l	98
64) Tetrachloroethene	9.34	164	173590	50.05	ug/l	99
65) Chlorobenzene	10.15	112	417677	48.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154570	51.79	ug/l	99
67) Ethyl Benzene	10.26	91	701931	48.61	ug/l	100
68) m/p-Xylenes	10.37	106	557597	97.97	ug/l	99
69) o-Xylene	10.70	106	270893	49.37	ug/l	100
70) Styrene	10.72	104	450580	49.86	ug/l	99
71) Bromoform	10.87	173	131245	47.38	ug/l	99
73) Isopropylbenzene	11.02	105	735310	49.80	ug/l	100
74) N-amyl acetate	6.48	43	326151	51.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225094	53.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	207156m	52.86	ug/l	
77) Bromobenzene	11.26	156	209358	48.84	ug/l	99
78) n-propylbenzene	11.37	91	826143	48.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	495611	49.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	626869	50.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	51915	41.26	ug/l	96
82) 4-Chlorotoluene	11.52	91	593272	49.02	ug/l	99
83) tert-Butylbenzene	11.77	119	639040	50.61	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	647504	50.27	ug/l	99
85) sec-Butylbenzene	11.95	105	753296	49.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	687856	49.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	385789	48.08	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	392848	47.70	ug/l	100
89) n-Butylbenzene	12.40	91	589405	47.51	ug/l	100
90) Hexachloroethane	12.60	117	106189	53.75	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	385022	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50620	57.80	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	302091	46.32	ug/l	100
94) Hexachlorobutadiene	13.79	225	146604	49.68	ug/l	99
95) Naphthalene	13.84	128	842555	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306801	48.64	ug/l	100

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

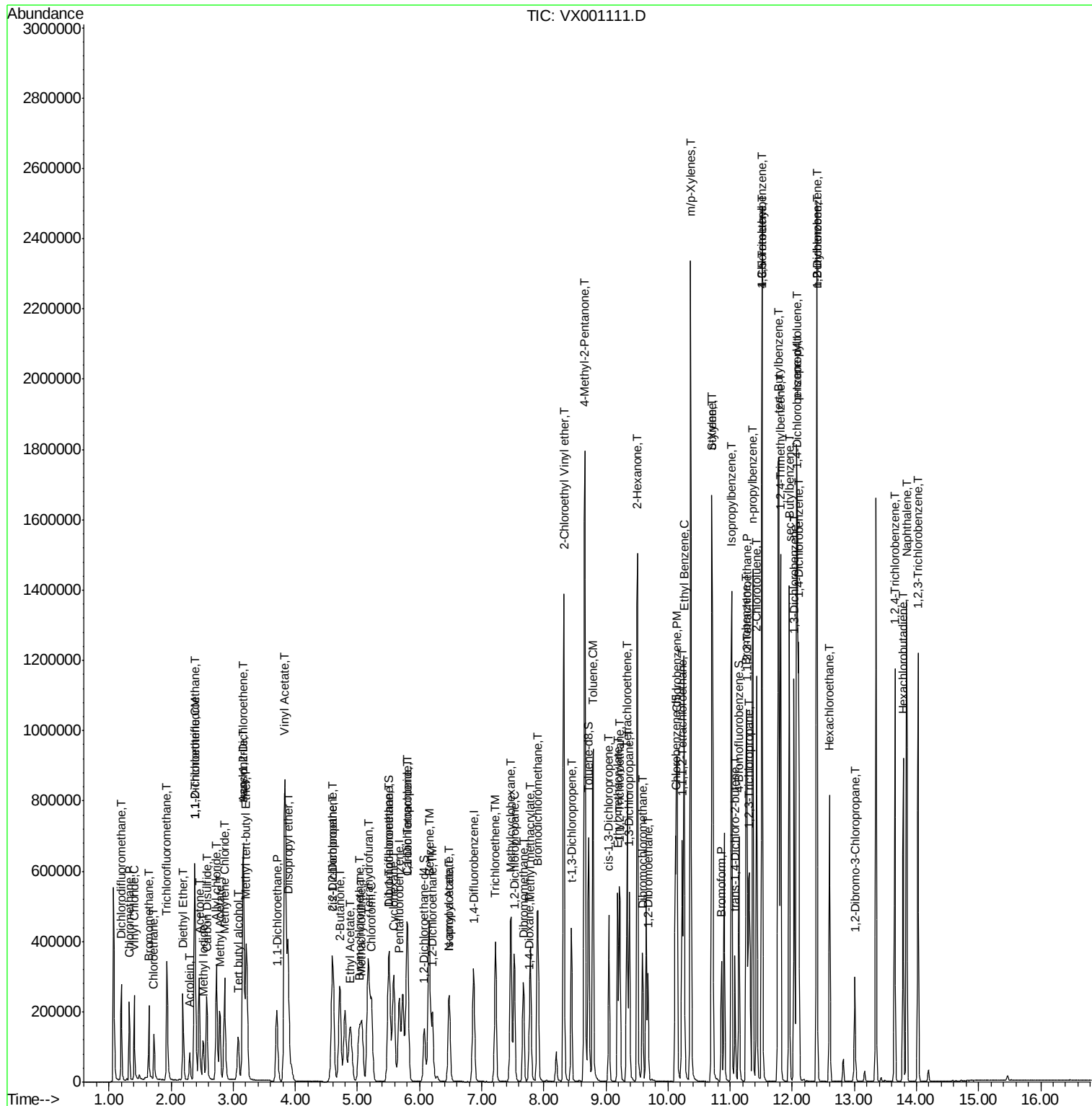
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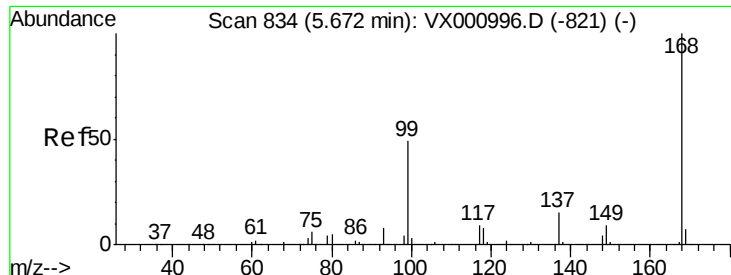
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 246611

Ion Ratio Lower Upper

168 100

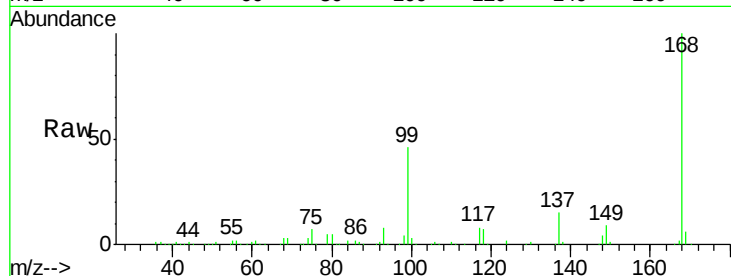
99 46.2 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

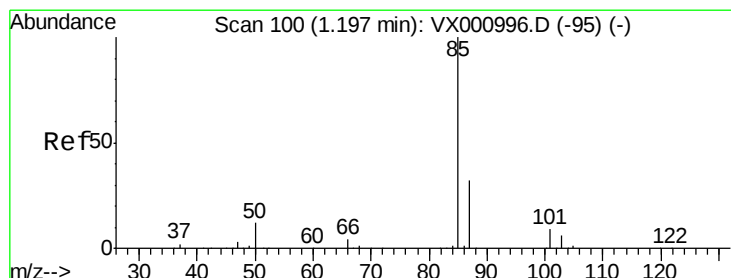
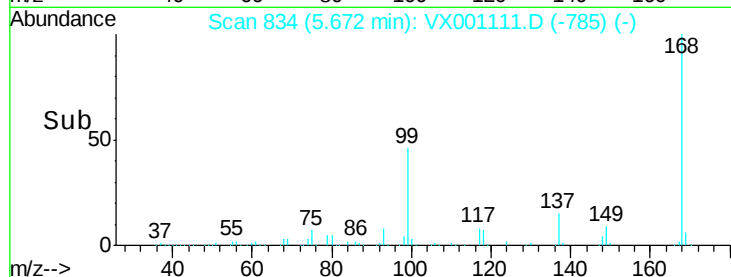
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.60 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001111.D

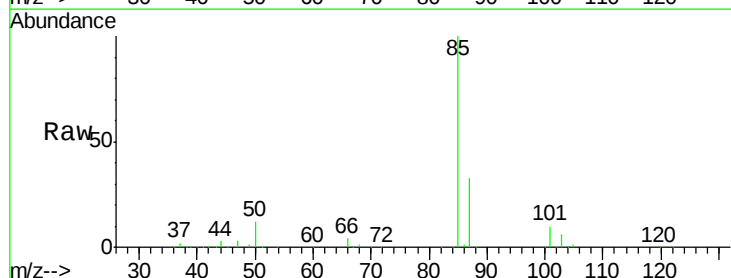
Acq: 25 Apr 2018 06:49

Tgt Ion: 85 Resp: 157814

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

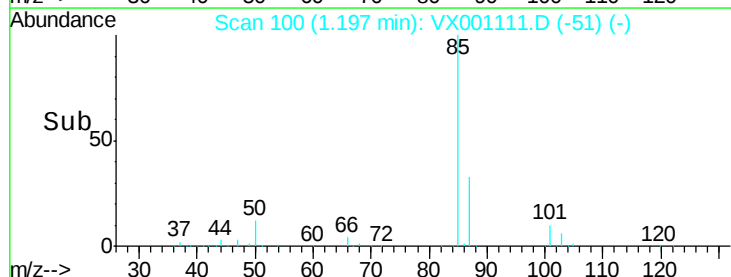
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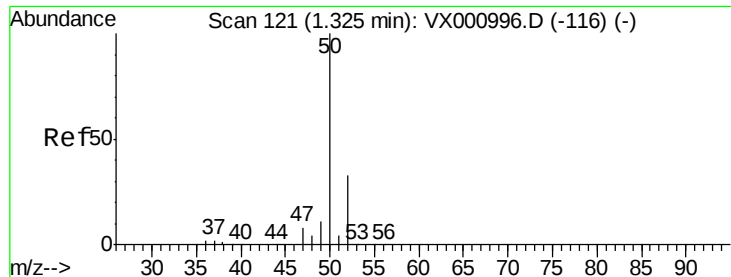
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 47.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 136231

Ion Ratio Lower Upper

50 100

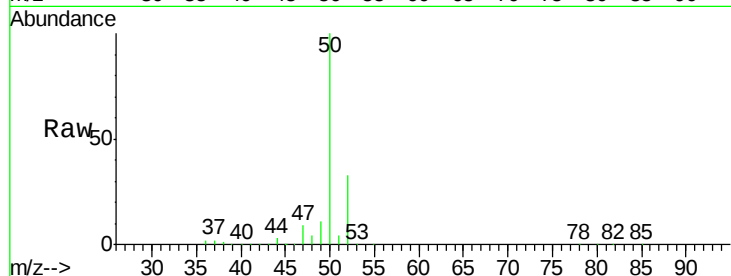
52 32.6 26.3 39.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

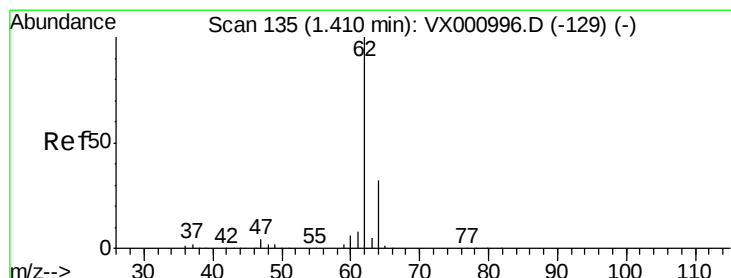
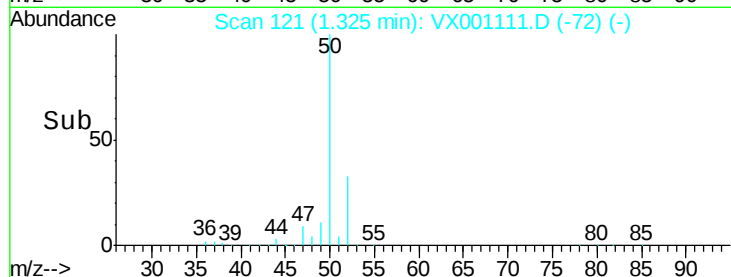
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 52.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001111.D

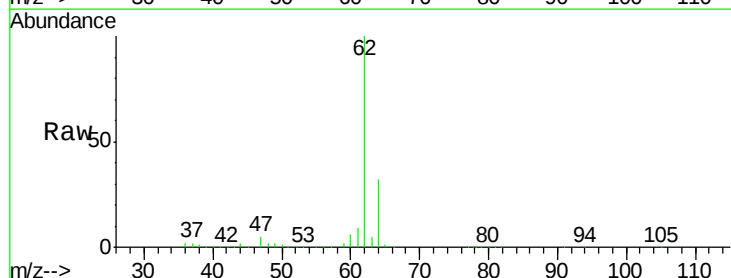
Acq: 25 Apr 2018 06:49

Tgt Ion: 62 Resp: 154294

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

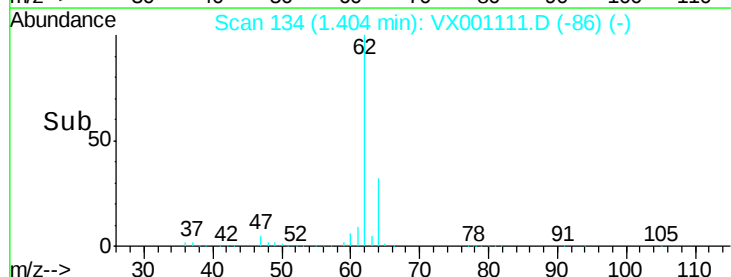
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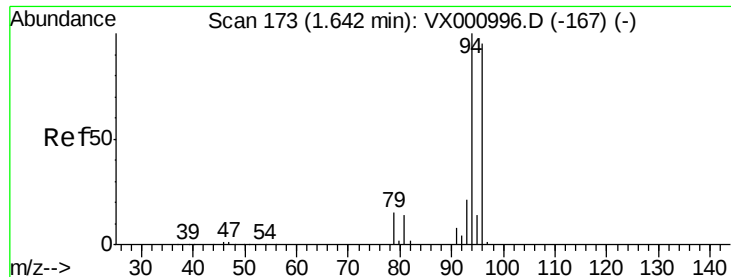
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.88 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 84724

Ion Ratio Lower Upper

94 100

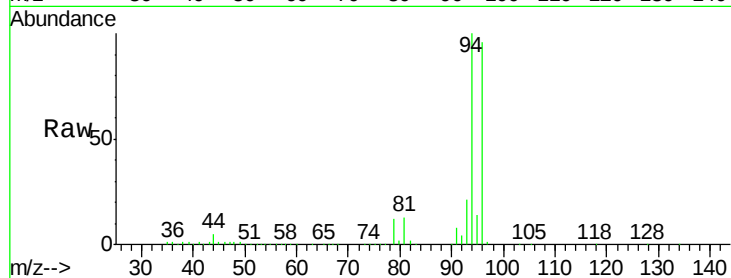
96 95.5 76.0 114.0

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

80000

60000

40000

20000

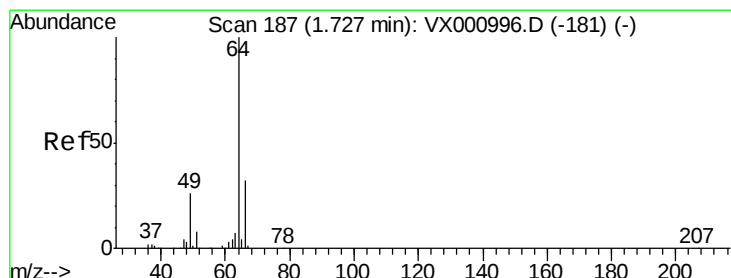
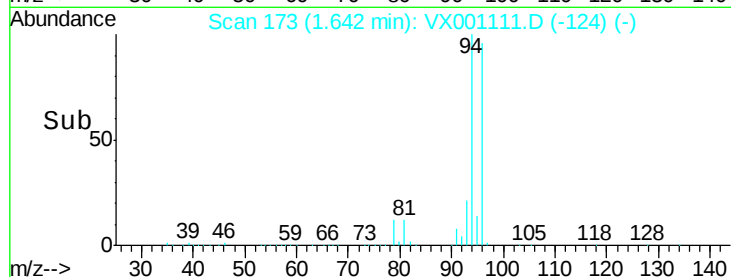
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 50.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001111.D

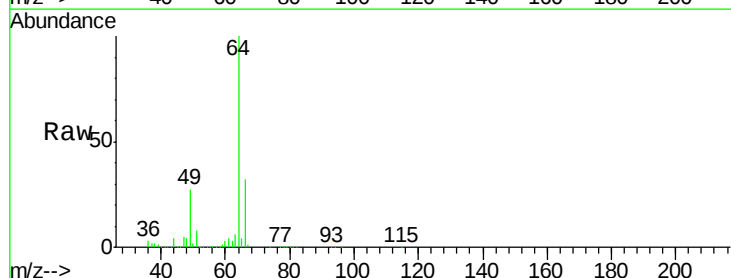
Acq: 25 Apr 2018 06:49

Tgt Ion: 64 Resp: 88880

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

40000

20000

0

1.65

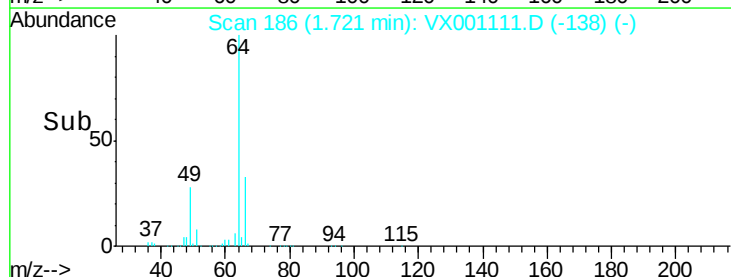
1.70

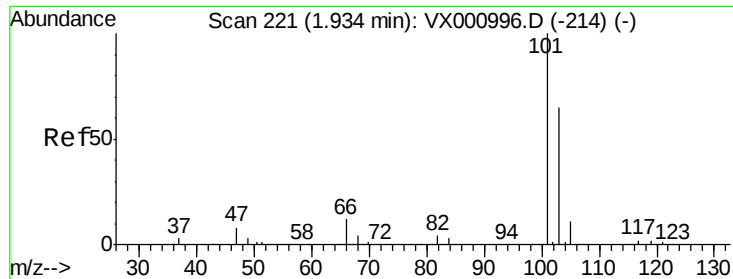
1.75

1.80

1.85

Time-->





#7

Trichlorofluoromethane

Concen: 51.56 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

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Acq: 25 Apr 2018 06:49

Instrument :

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VSTDCCC050EC

Tot Ion:101 Resp: 228643

Ion Ratio Lower Upper

101 100

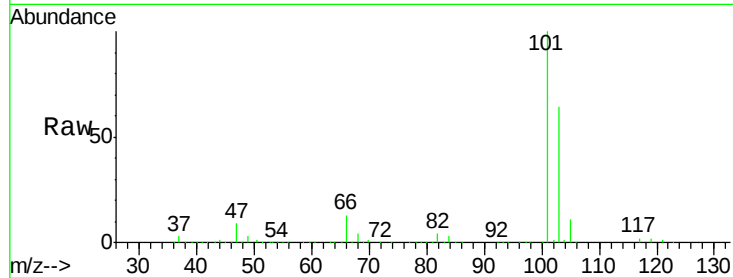
103 64.3 51.8 77.8

Manual Integrations

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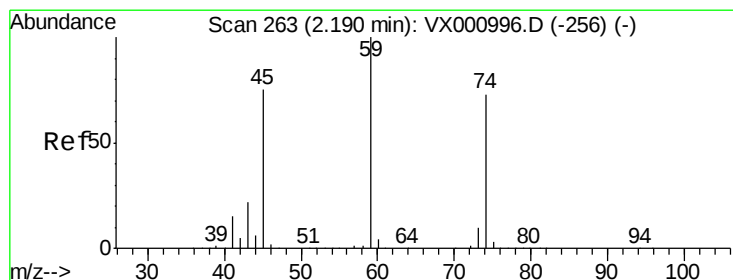
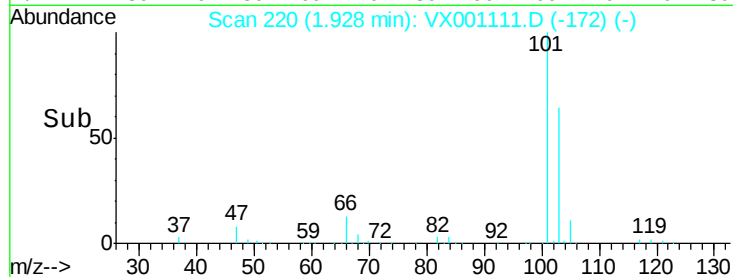
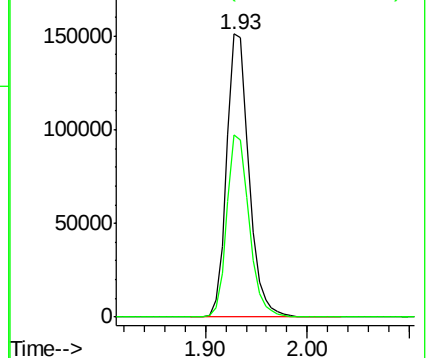
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.97 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001111.D

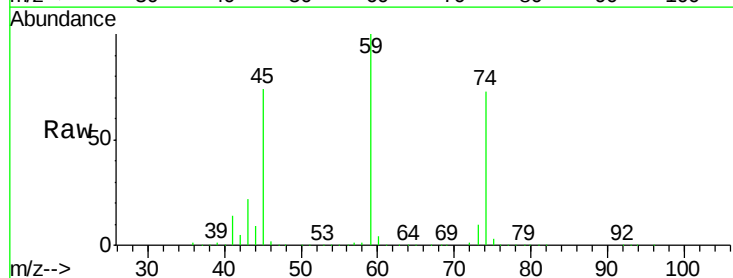
Acq: 25 Apr 2018 06:49

Tgt Ion: 74 Resp: 83484

Ion Ratio Lower Upper

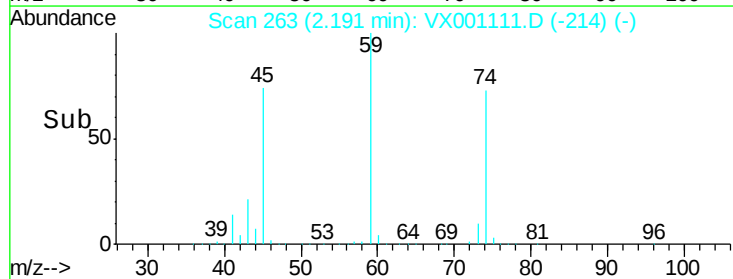
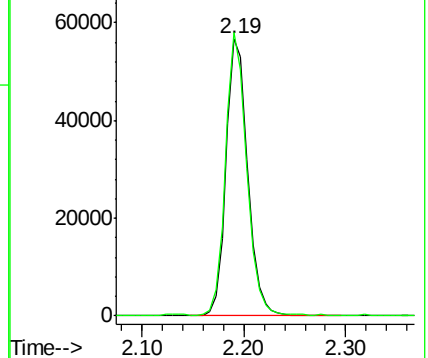
74 100

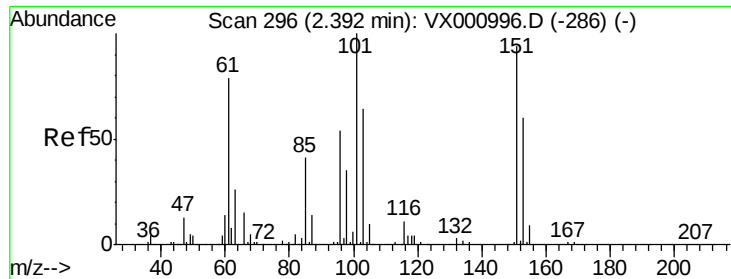
45 99.0 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

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MSVOA_X

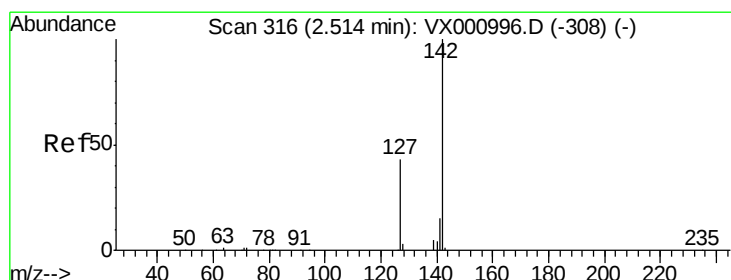
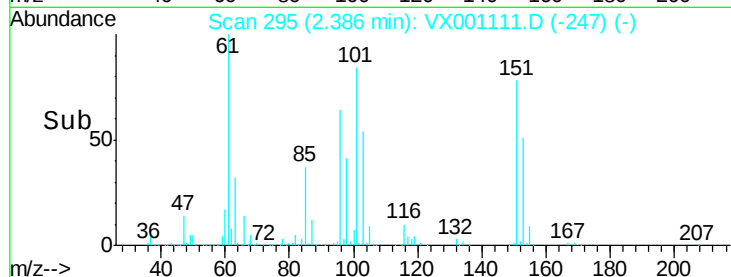
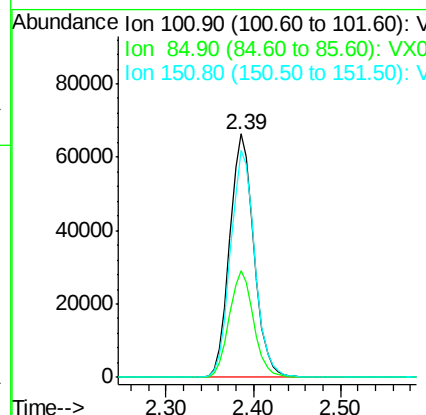
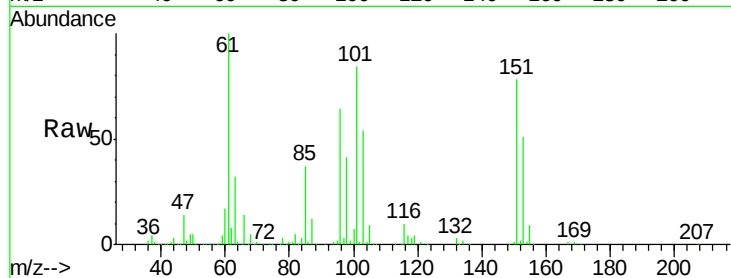
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	127334
Ion Ratio	Lower	Upper	
101	100		
85	44.0	33.9	50.9
151	93.6	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.69 ug/l

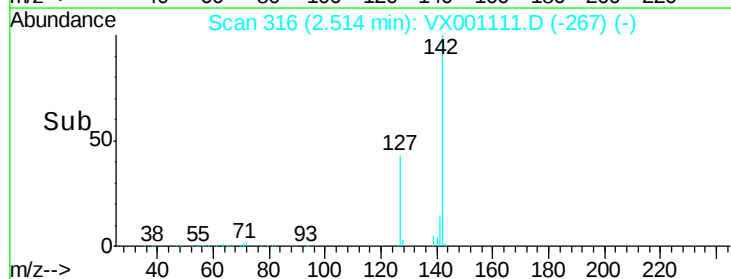
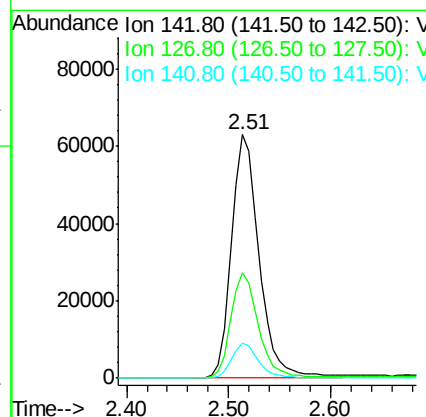
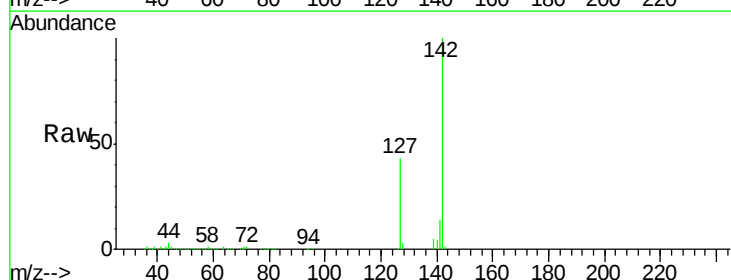
RT: 2.51 min Scan# 316

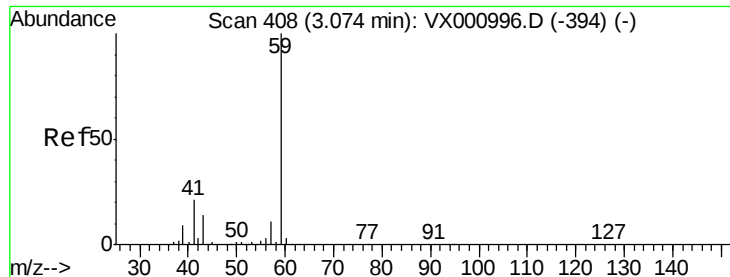
Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	142	Resp:	118184
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.0	51.0
141	14.1	11.4	17.2





#11

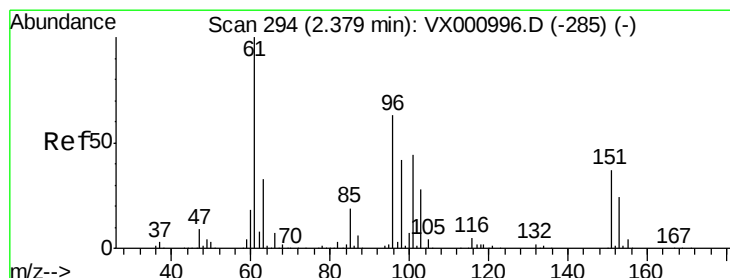
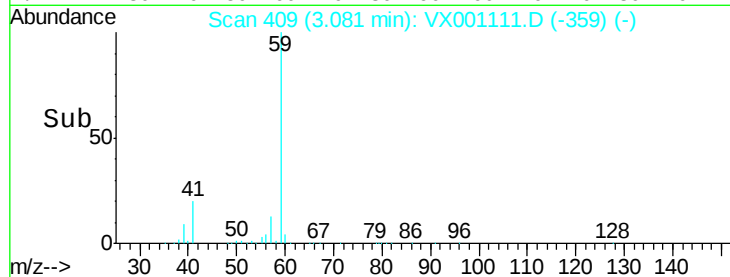
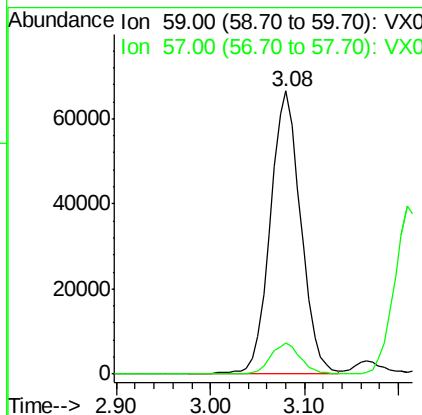
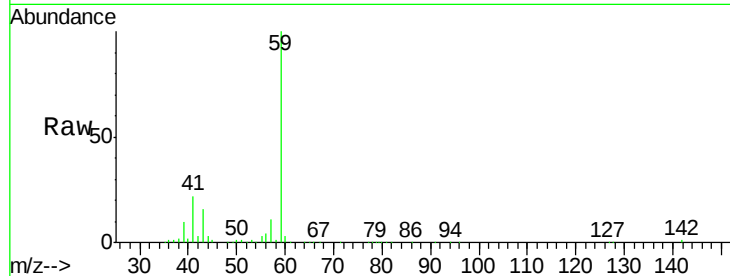
Tert butyl alcohol
 Concen: 318.56 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

Manual Integrations
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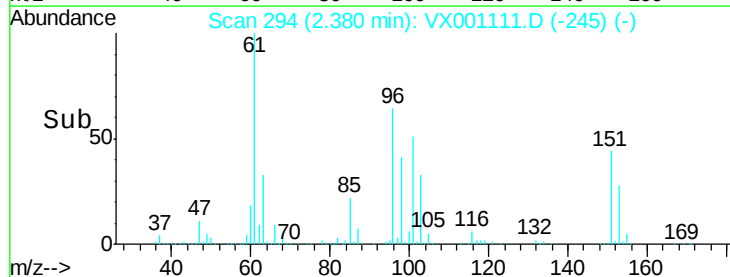
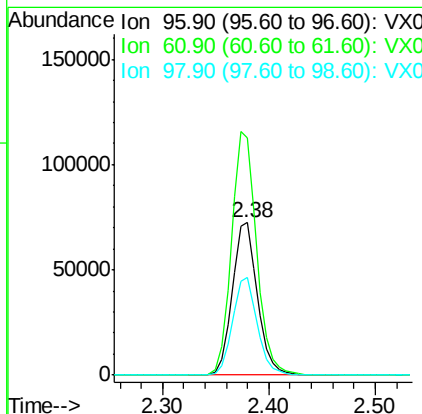
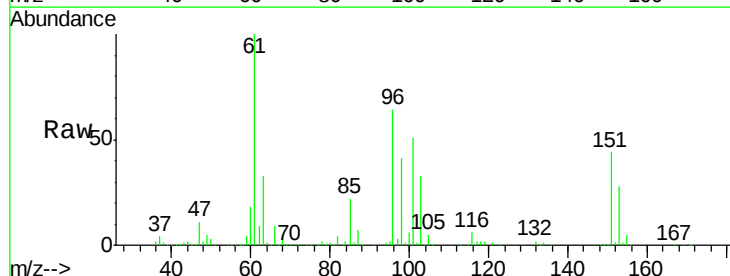
Sohil
 4/26/2018 4:06:38 AM

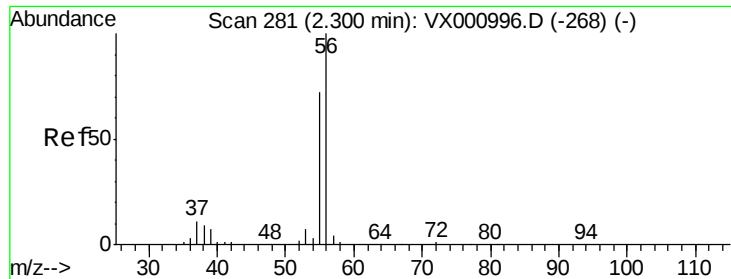


#12

1,1-Dichloroethene
 Concen: 49.62 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	126.4	189.6
98	63.7	52.6	78.8





#13

Acrolein

Concen: 378.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56462

Ion Ratio Lower Upper

56 100

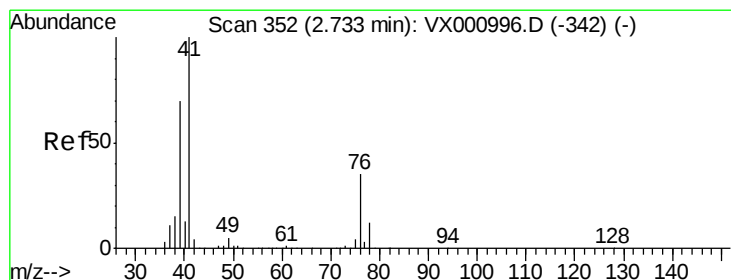
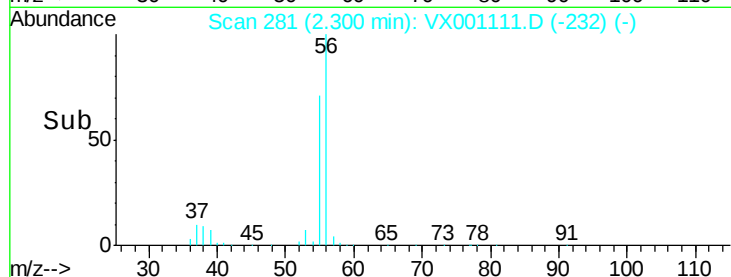
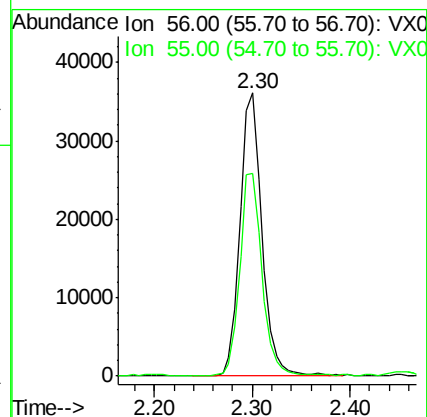
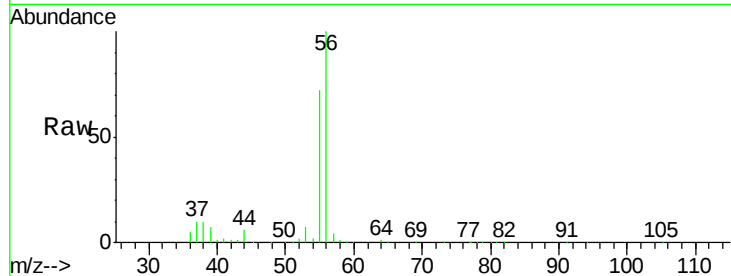
55 72.1 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 50.08 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

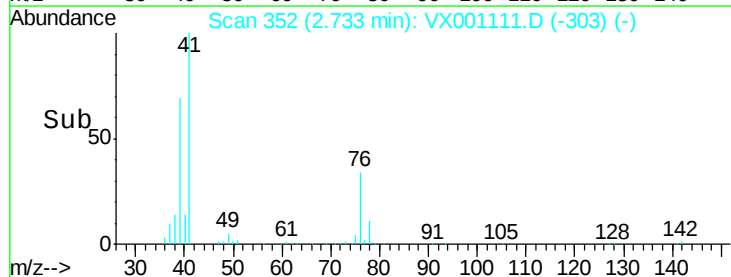
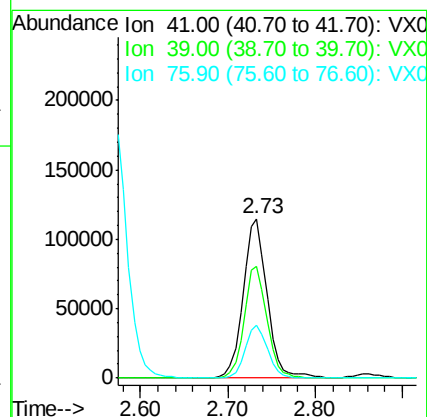
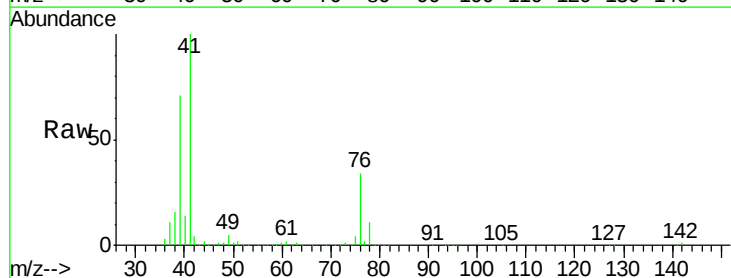
Tgt Ion: 41 Resp: 217764

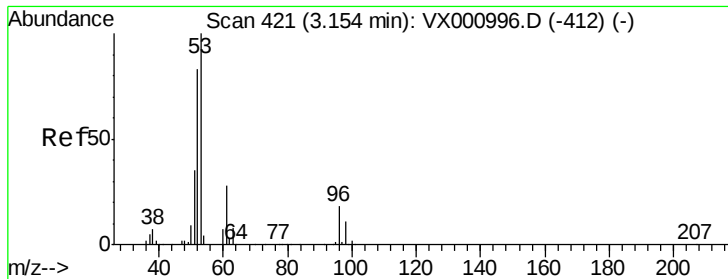
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.6

76 30.9 25.9 38.9





#15

Acrylonitrile

Concen: 272.42 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

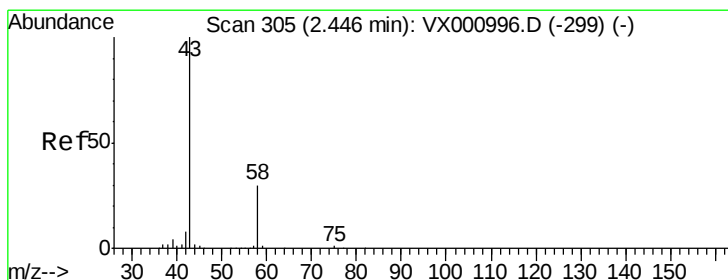
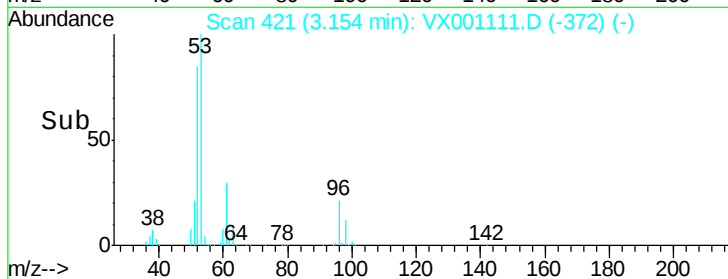
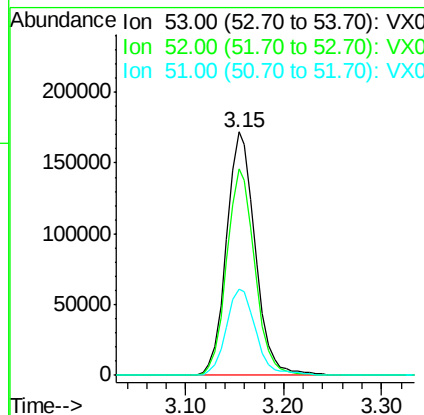
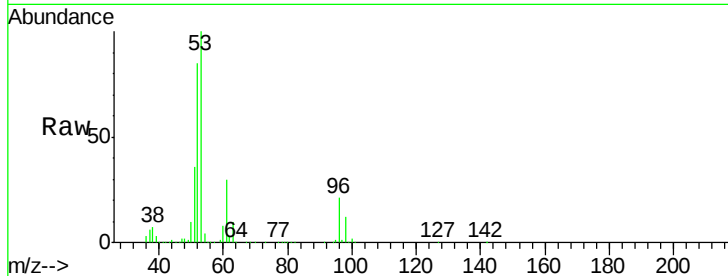
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	347596
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.7	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 260.60 ug/l

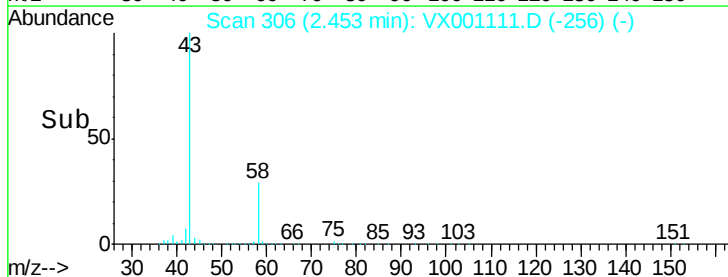
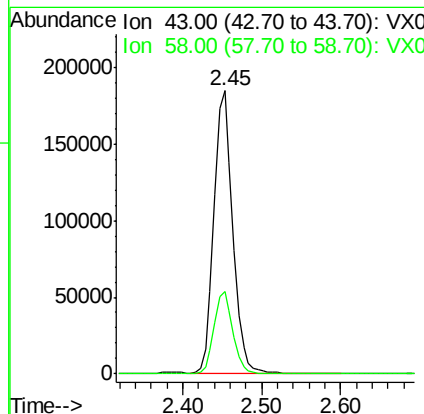
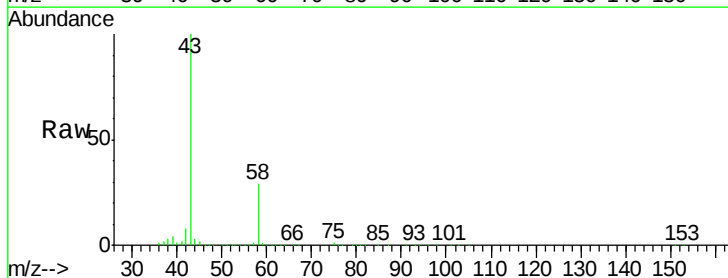
RT: 2.45 min Scan# 306

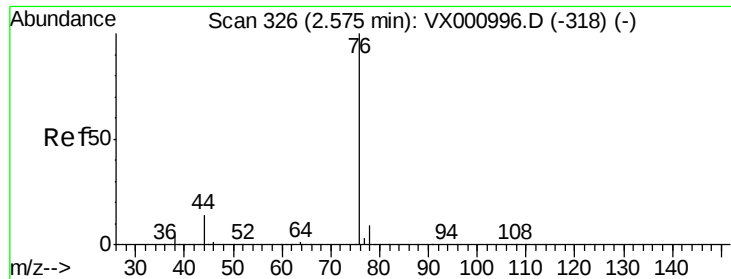
Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	43	Resp:	306766
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.7	35.5





#17

Carbon Disulfide

Concen: 43.69 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 299160

Ion Ratio Lower Upper

76 100

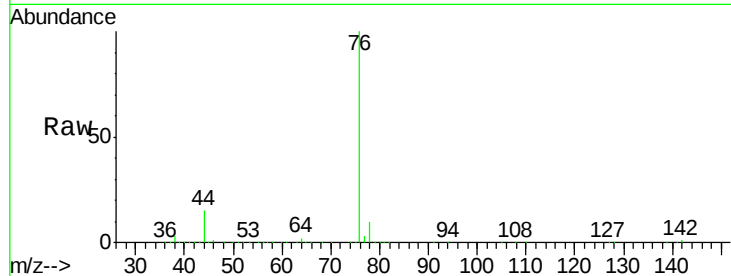
78 9.5 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

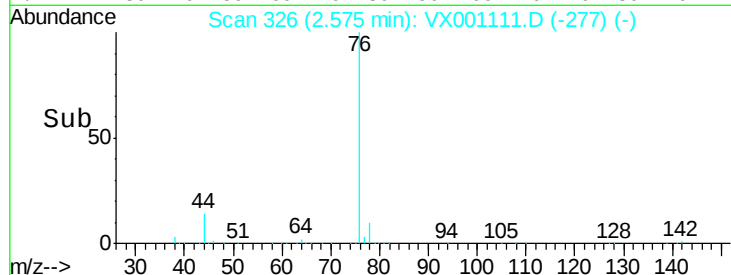
150000

100000

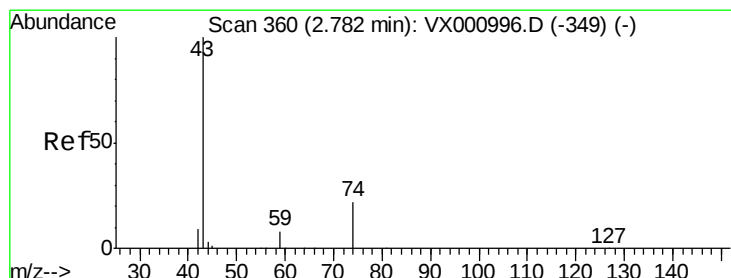
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 63.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001111.D

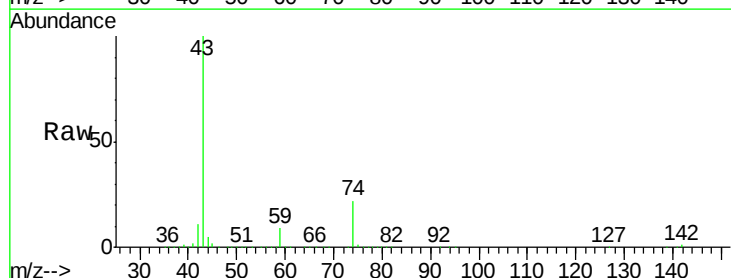
Acq: 25 Apr 2018 06:49

Tgt Ion: 43 Resp: 226144

Ion Ratio Lower Upper

43 100

74 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

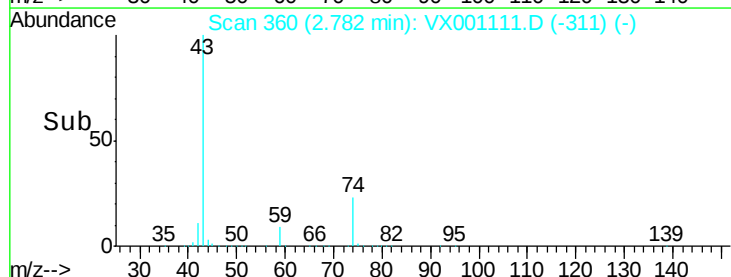
150000

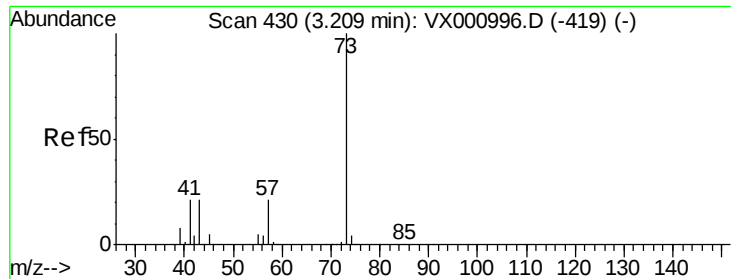
100000

50000

0

Time-->





#19

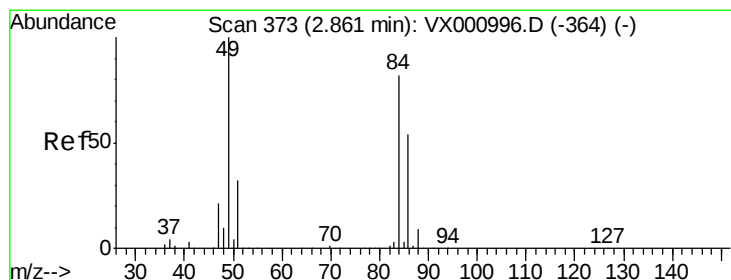
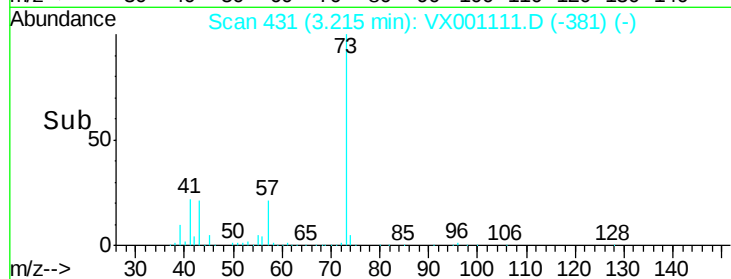
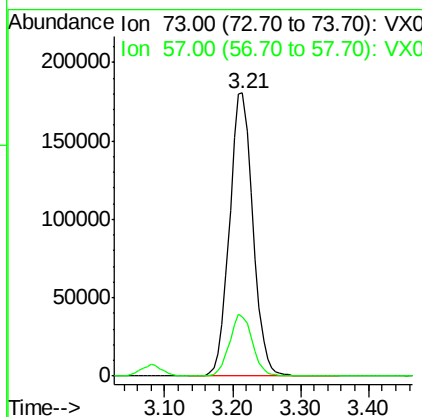
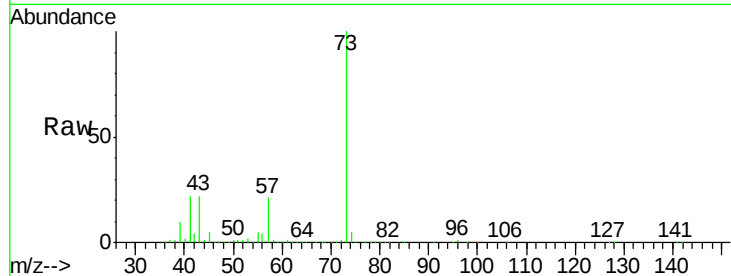
Methyl tert-butyl Ether
Concen: 53.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.1	25.7

Manual Integrations
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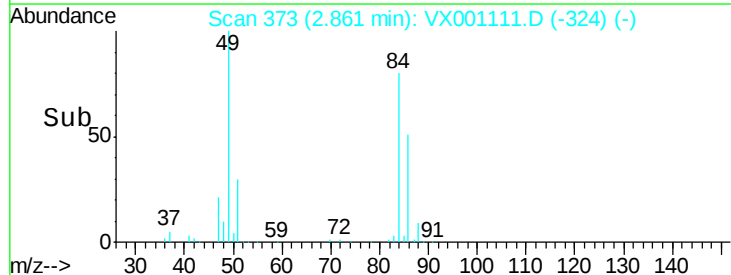
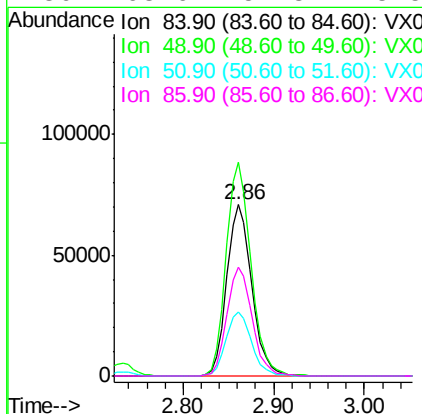
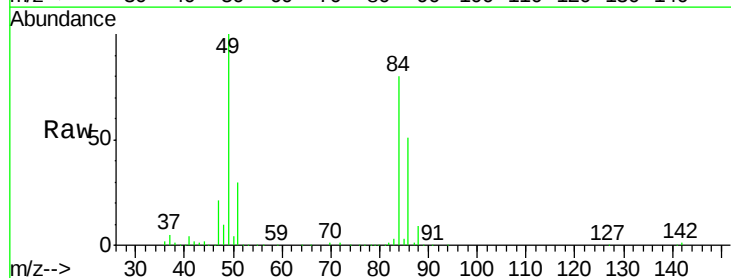
Sohil
4/26/2018 4:06:38 AM

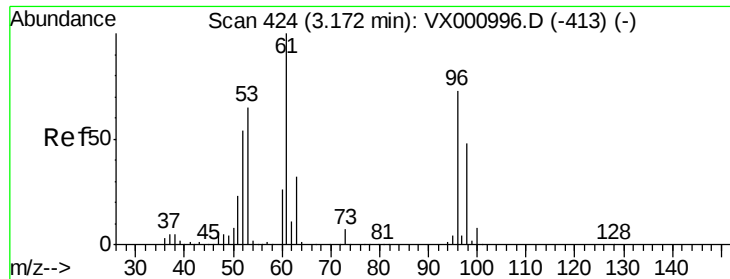


#20

Methylene Chloride
Concen: 54.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	97.1	145.7
51	37.4	30.8	46.2
86	63.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 48.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

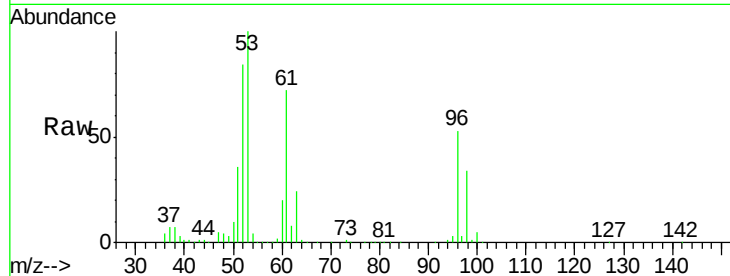
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	128583
Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.4	164.2
98	64.0	52.6	78.8

Manual Integrations
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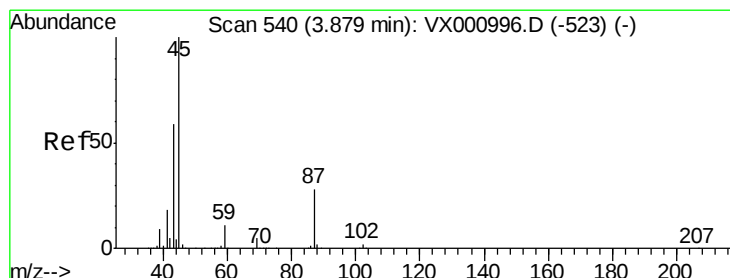
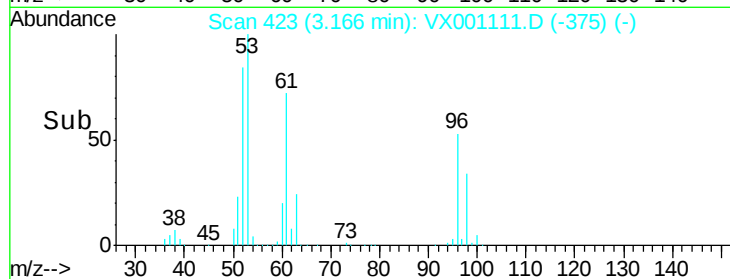
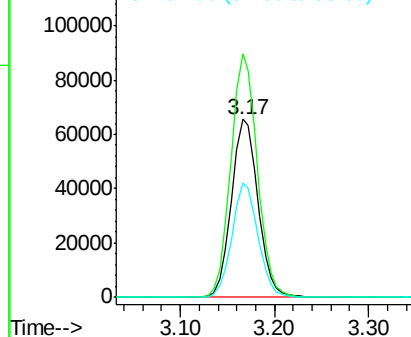


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.29 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	45	Resp:	440152
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.0	70.4
87	27.6	22.5	33.7
59	11.2	8.8	13.2

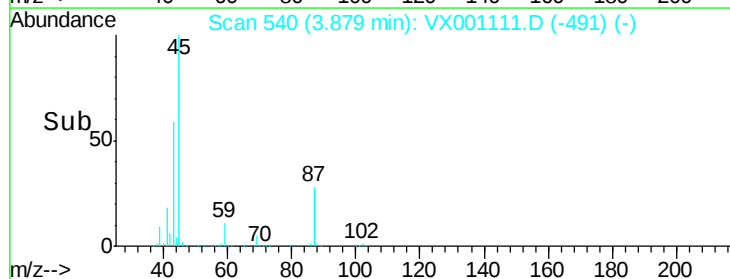
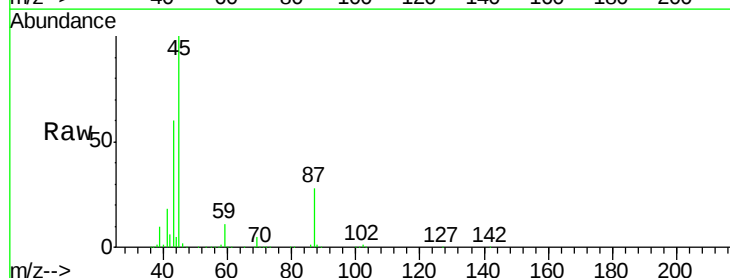
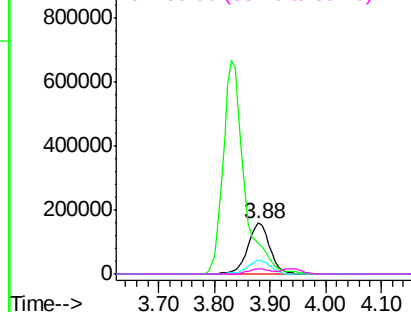
Abundance

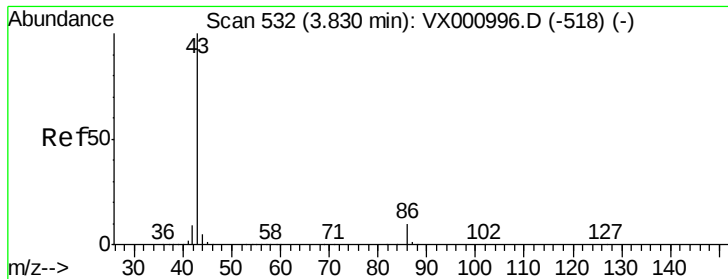
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tot Ion: 43 Resp: 1752051

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

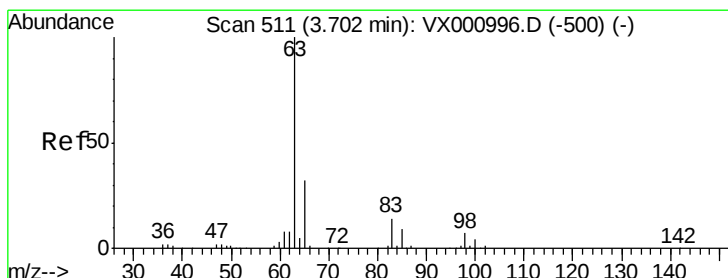
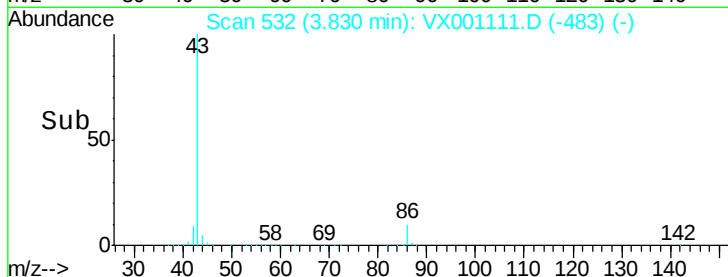
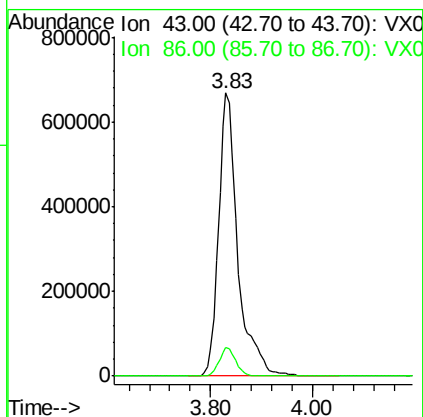
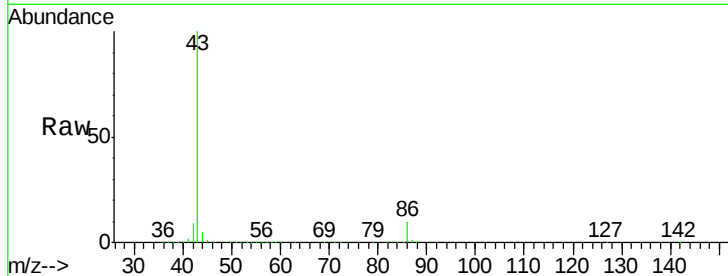
VSTDCCC050EC

Manual Integrations

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4/26/2018 4:06:38 AM



#24

1,1-Dichloroethane

Concen: 49.31 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

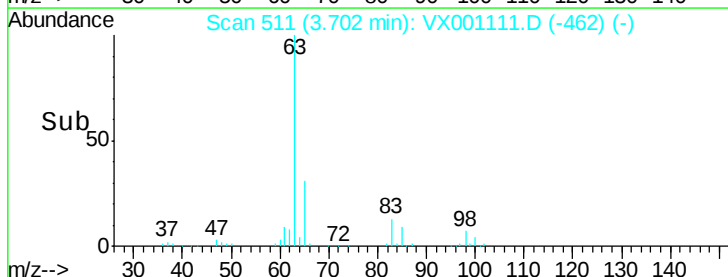
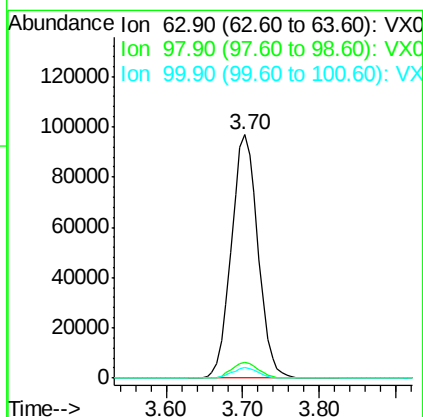
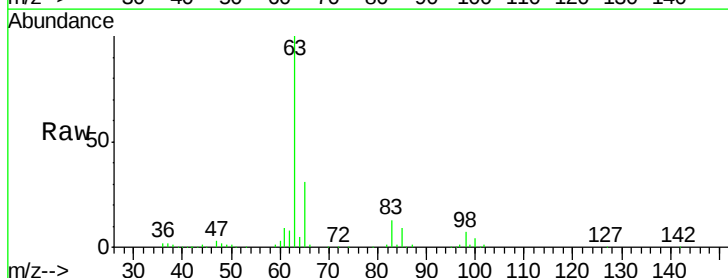
Tgt Ion: 63 Resp: 232822

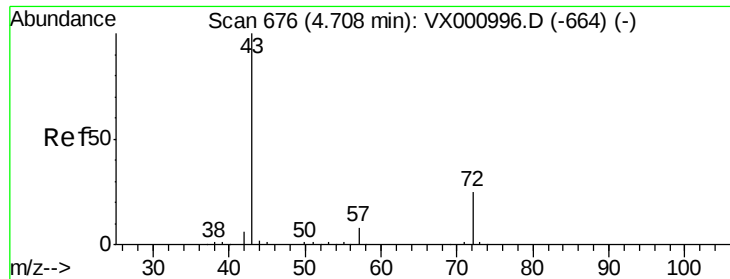
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 268.04 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 492556

Ion Ratio Lower Upper

43 100

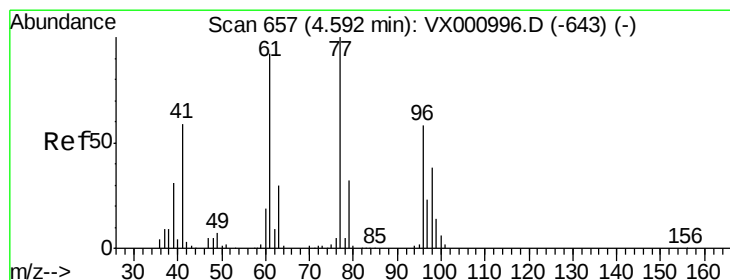
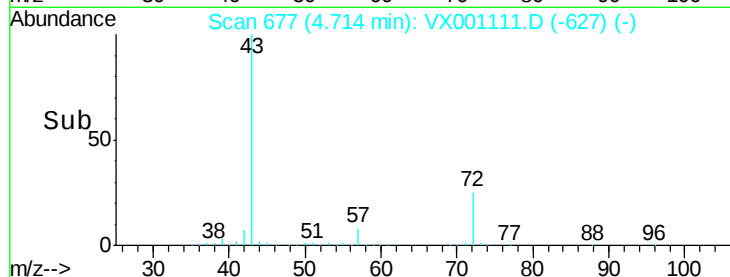
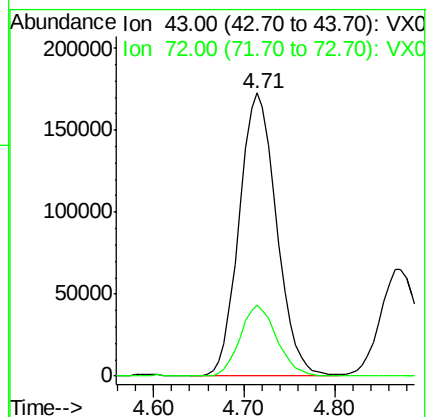
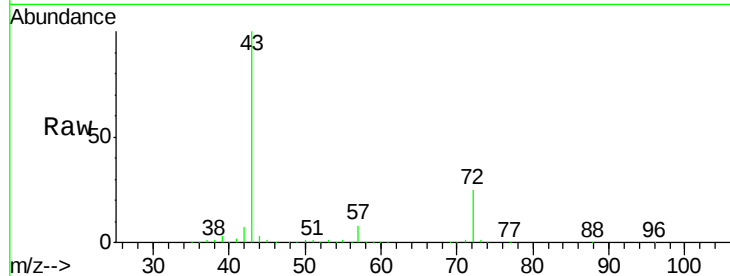
72 25.0 19.9 29.9

Manual Integrations

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Sohil

4/26/2018 4:06:38 AM



#26

2,2-Dichloropropane

Concen: 34.98 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001111.D

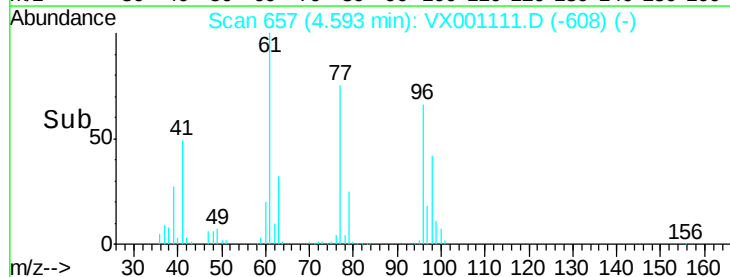
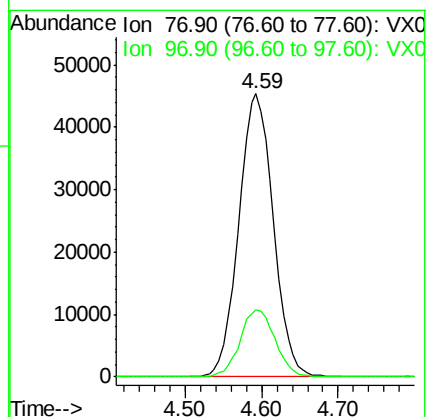
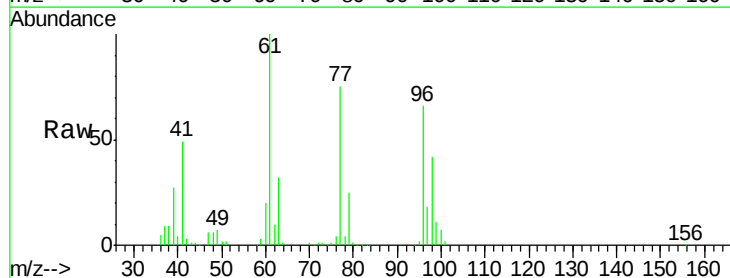
Acq: 25 Apr 2018 06:49

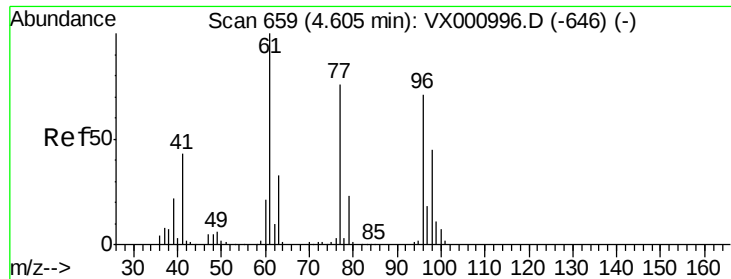
Tgt Ion: 77 Resp: 142066

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4





#27

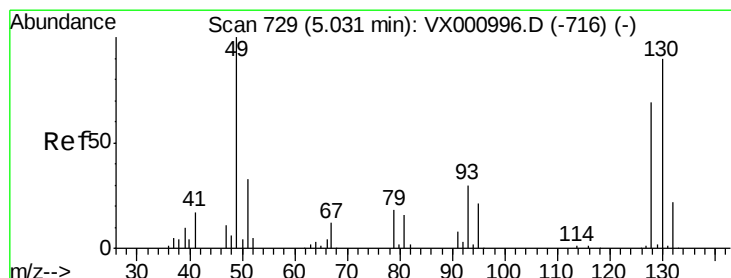
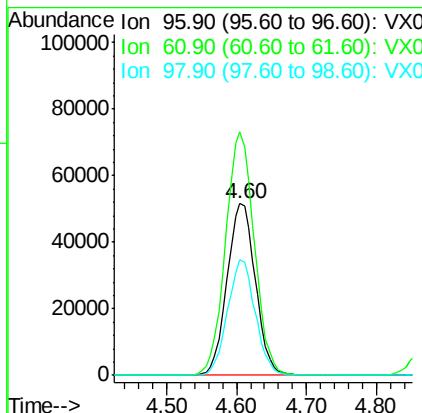
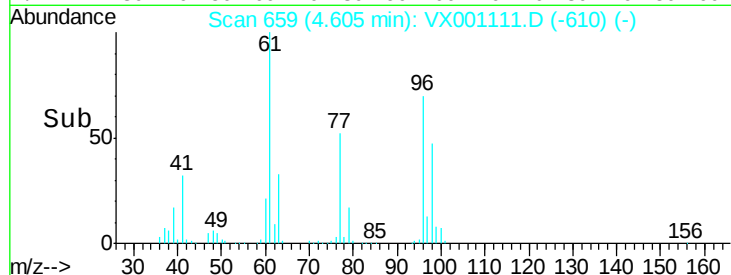
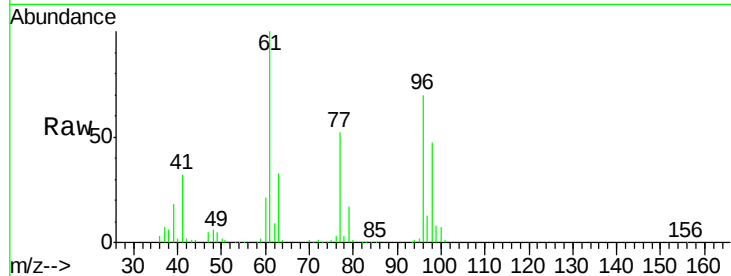
cis-1,2-Dichloroethene
 Concen: 48.75 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.6	0.0	297.0	
98	65.8	0.0	130.0	

Manual Integrations
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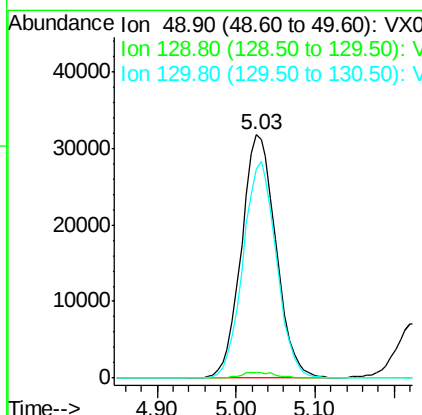
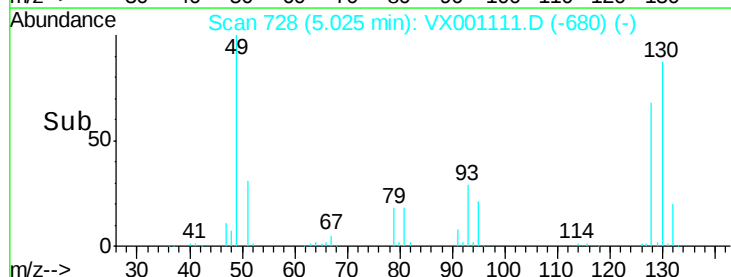
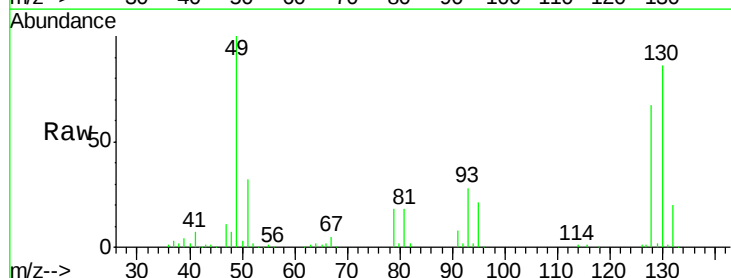
Sohil
 4/26/2018 4:06:38 AM

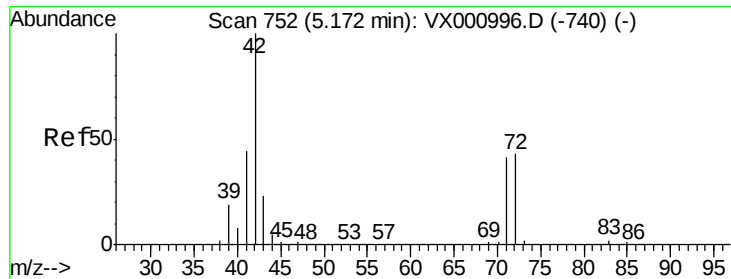


#28

Bromochloromethane
 Concen: 53.26 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.8	
130	86.2	70.6	105.8	





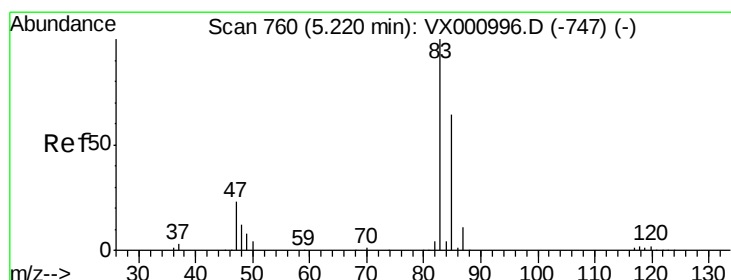
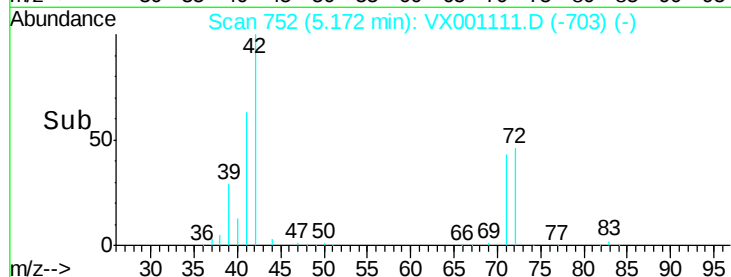
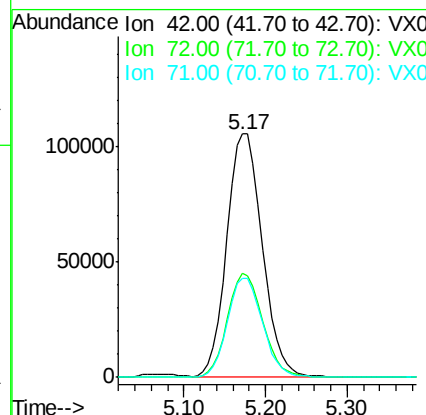
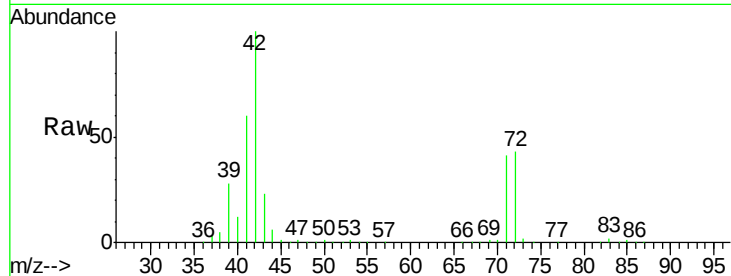
#29
Tetrahydrofuran
Concen: 273.39 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	40.6	32.6	49.0

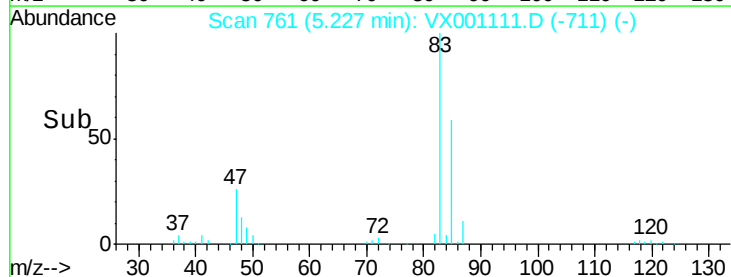
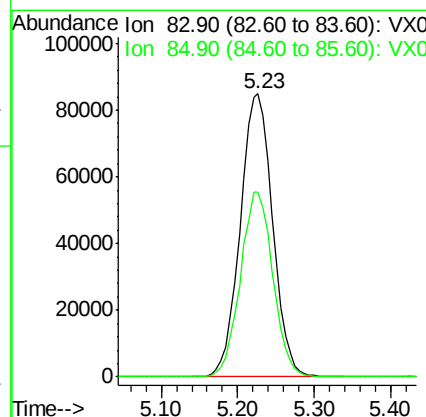
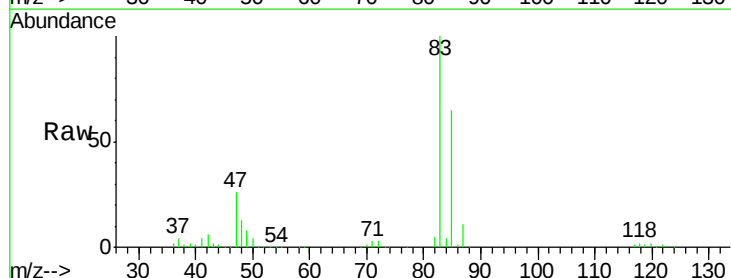
Manual Integrations
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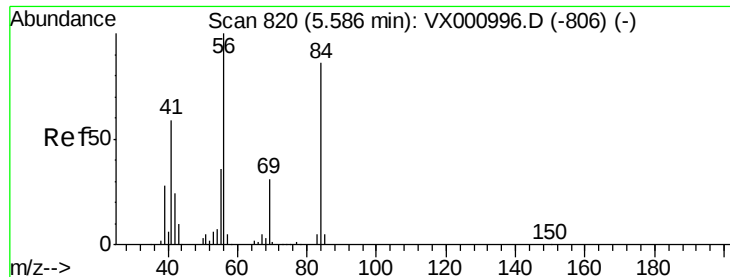
Sohil
4/26/2018 4:06:38 AM



#30
Chloroform
Concen: 50.95 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





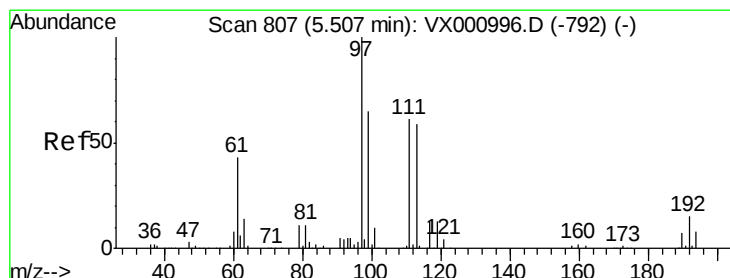
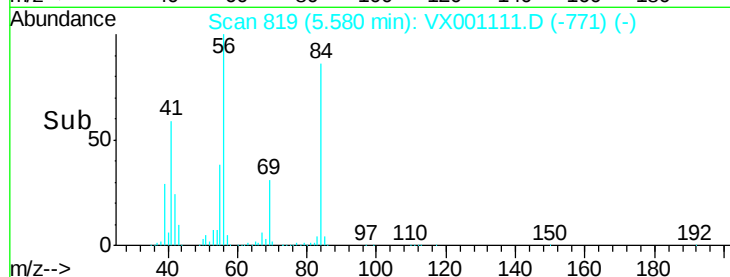
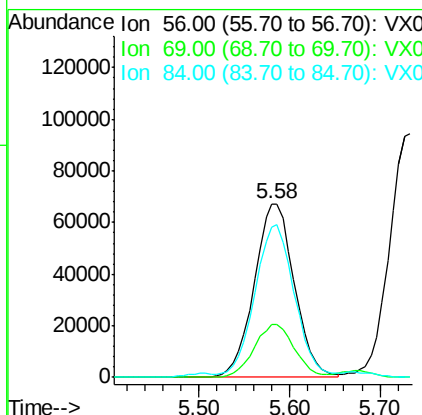
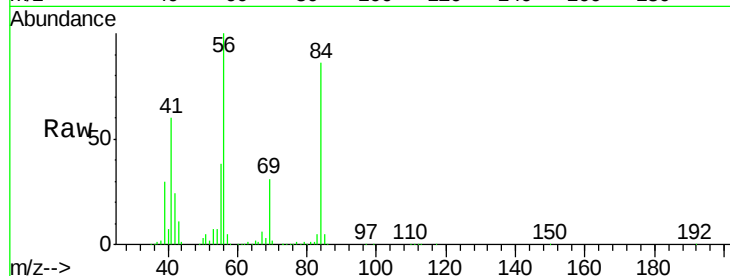
#31
Cyclohexane
Concen: 46.69 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	84.8	69.0	103.6

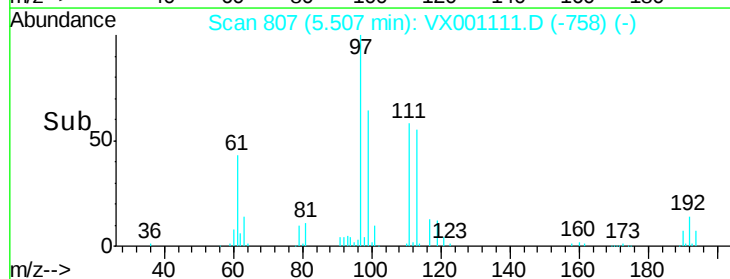
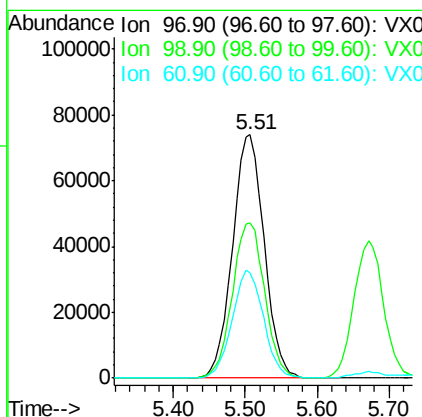
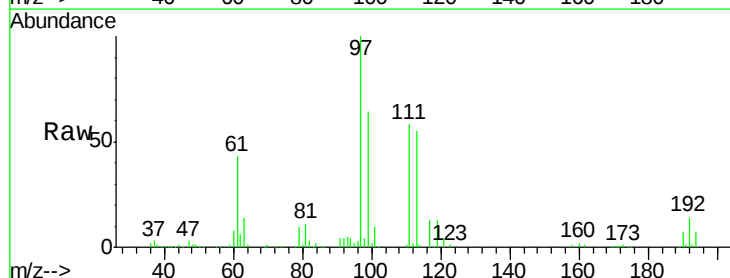
Manual Integrations
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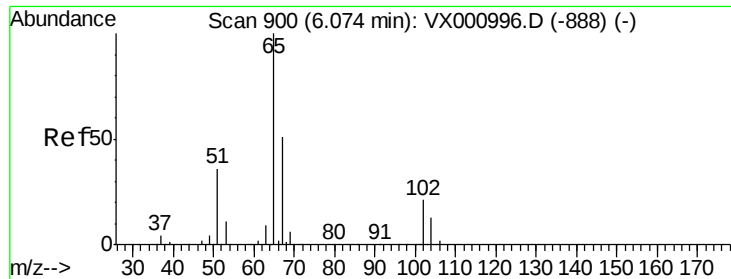
Sohil
4/26/2018 4:06:38 AM



#32
1,1,1-Trichloroethane
Concen: 51.56 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	43.8	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 47.06 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 147129

Ion Ratio Lower Upper

65 100

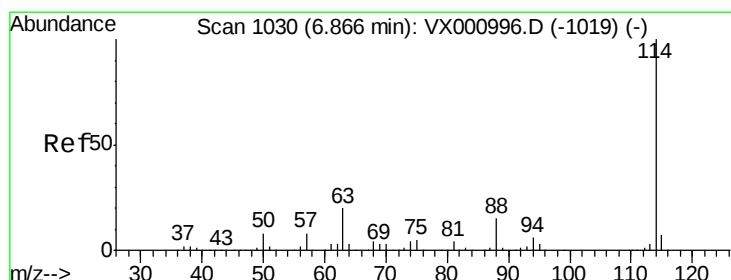
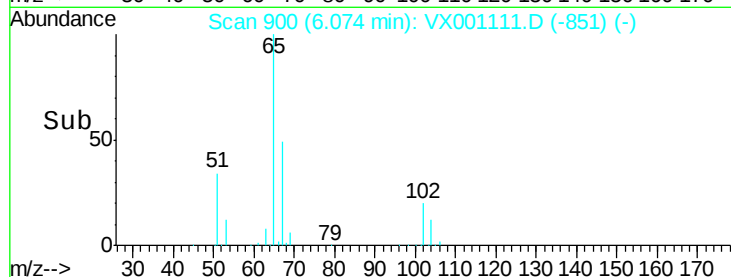
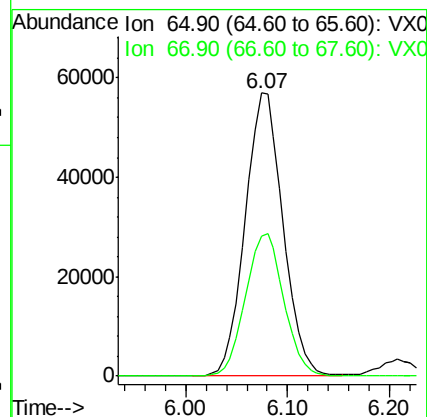
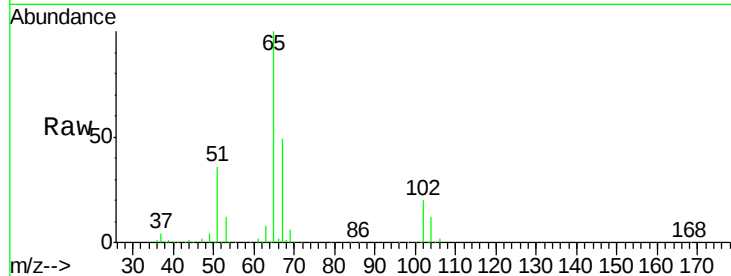
67 51.0 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

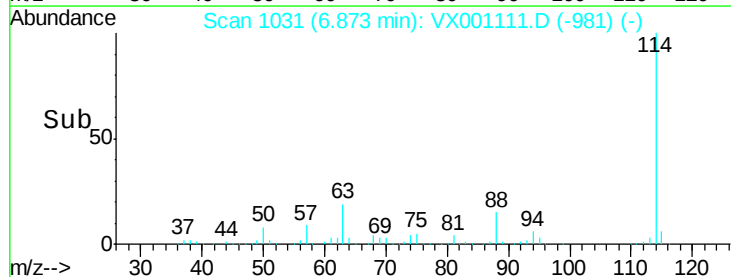
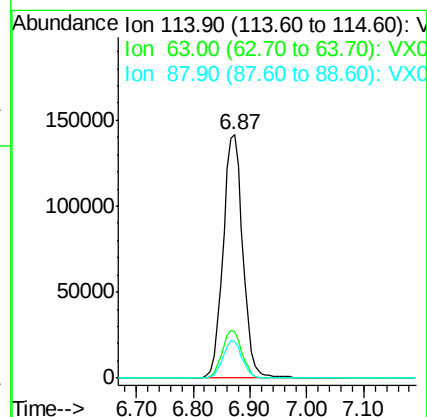
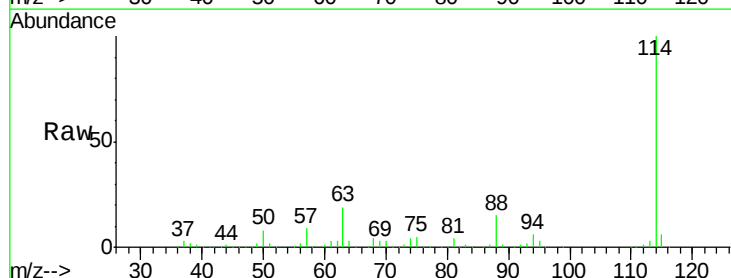
Tgt Ion: 114 Resp: 339434

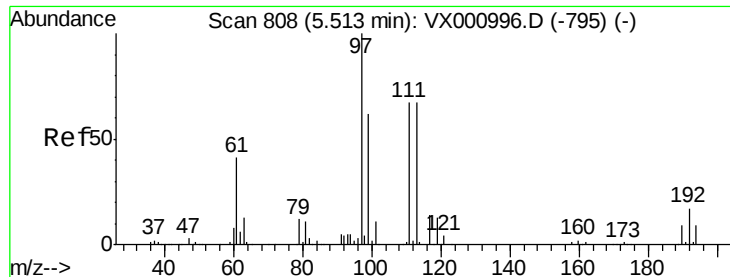
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.4

88 14.8 0.0 29.8





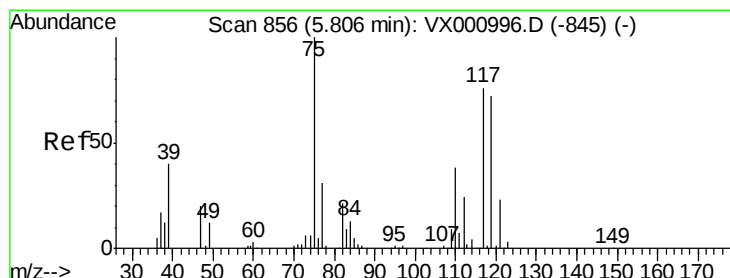
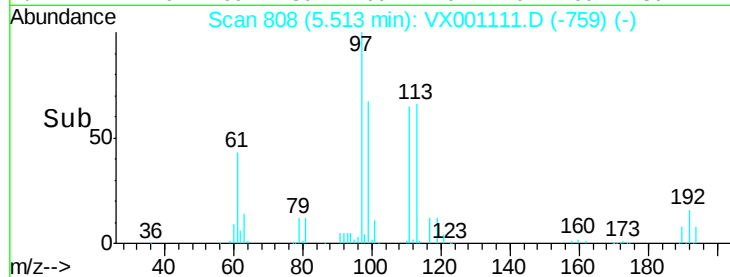
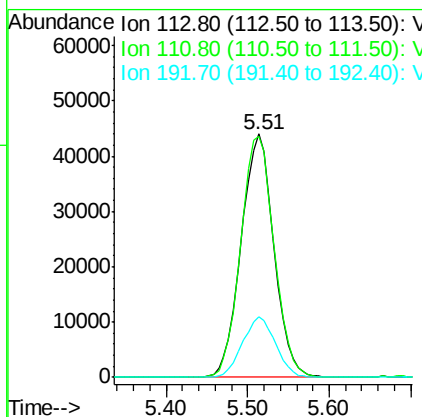
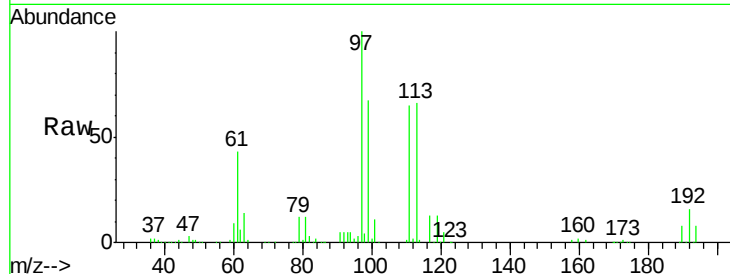
#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122617		
111	101.3	81.4	122.2	
192	25.1	20.4	30.6	

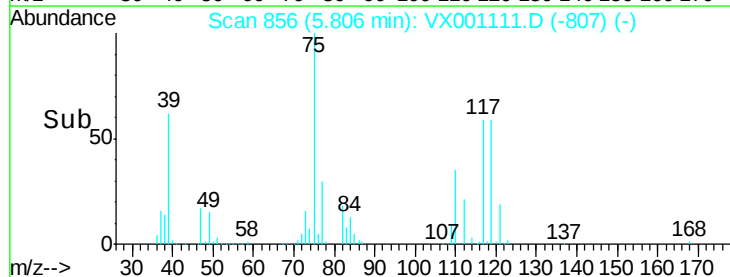
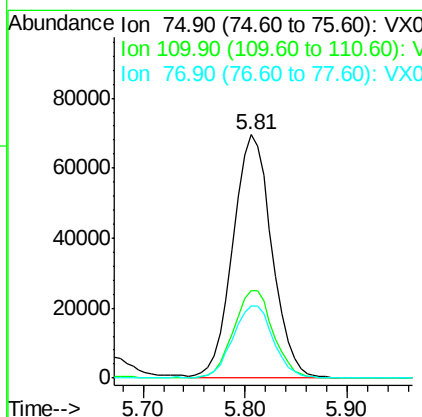
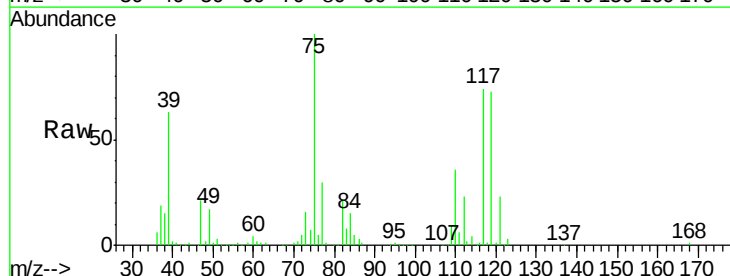
Manual Integrations
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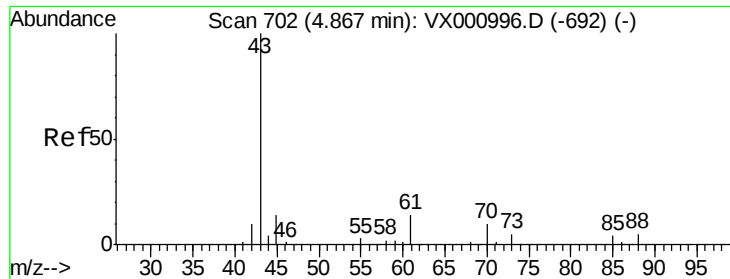
Sohil
 4/26/2018 4:06:38 AM



#36
 1,1-Dichloropropene
 Concen: 45.78 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182604		
110	37.0	18.7	56.1	
77	31.3	25.0	37.4	





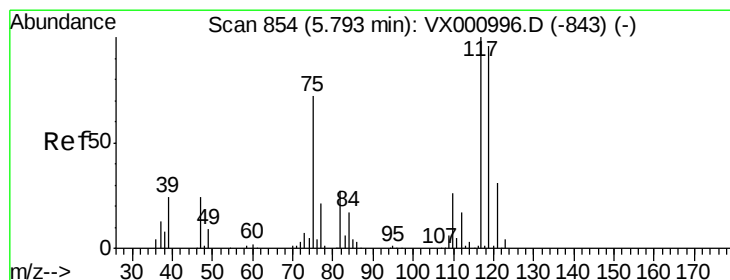
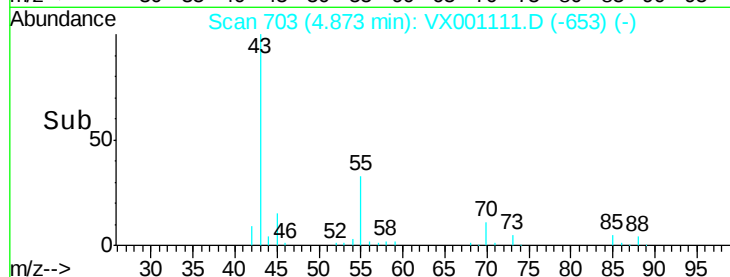
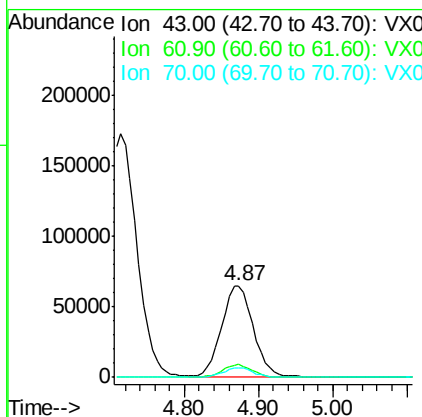
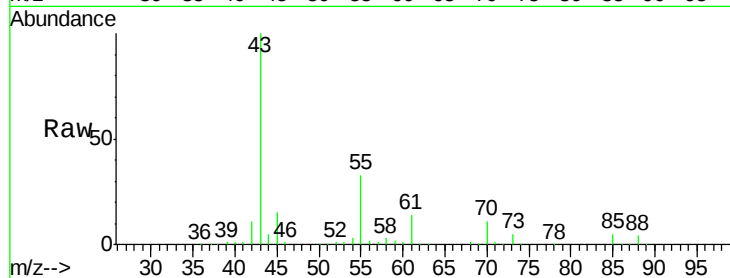
#37
Ethyl Acetate
Concen: 52.71 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.1	8.3	12.5

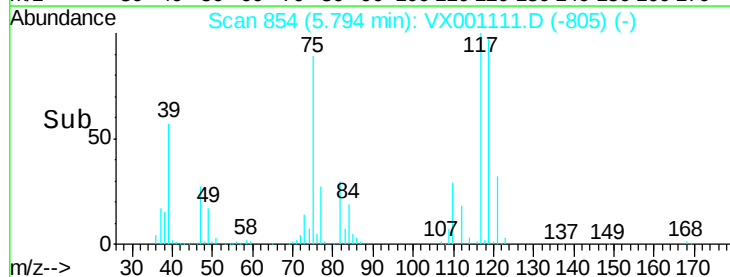
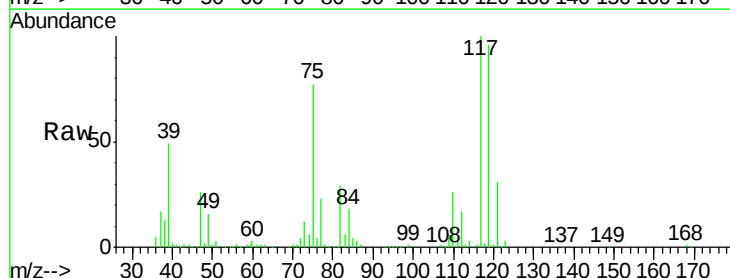
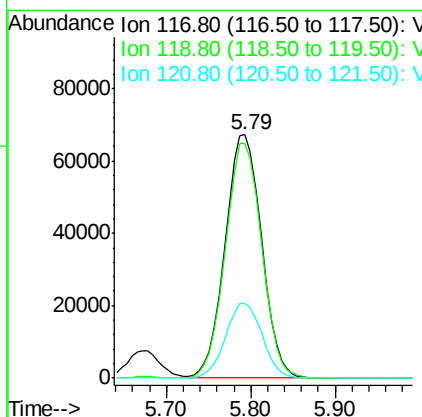
Manual Integrations
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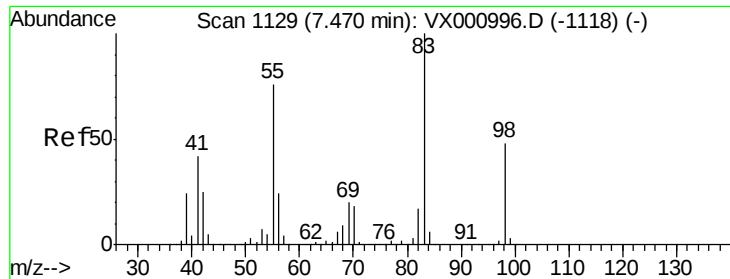
Sohil
4/26/2018 4:06:38 AM



#38
Carbon Tetrachloride
Concen: 48.94 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.5	114.7
121	30.9	24.5	36.7





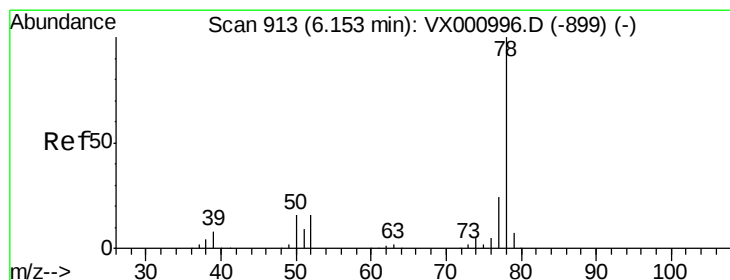
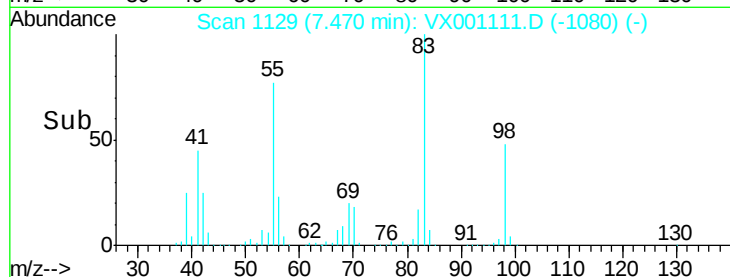
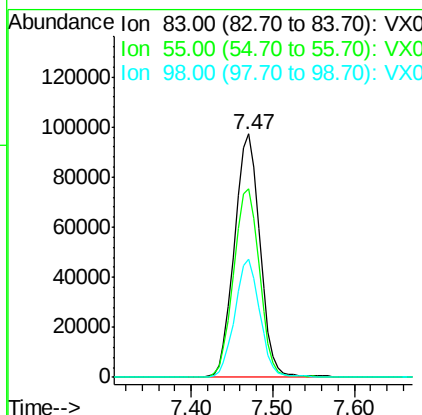
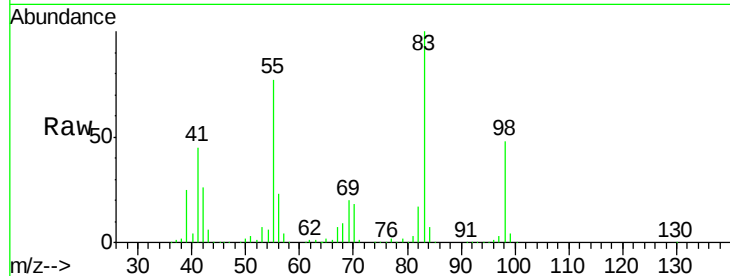
#39
Methvlcvclohexane
Concen: 45.30 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.6	91.0
98	48.3	38.2	57.4

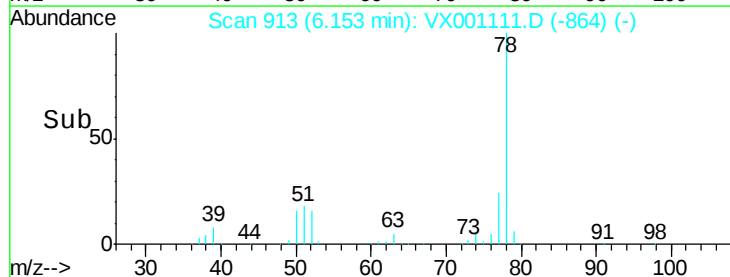
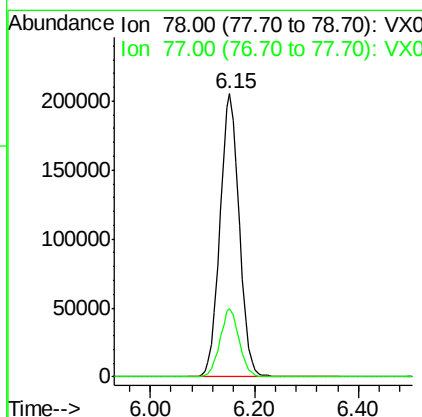
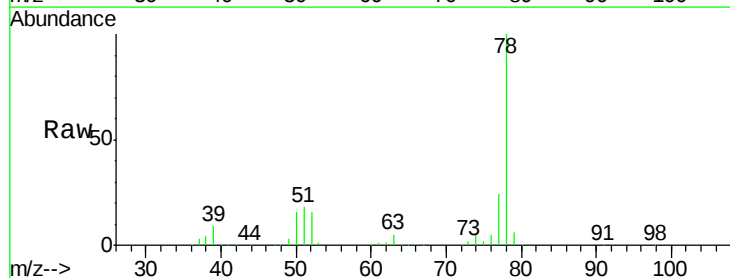
Manual Integrations
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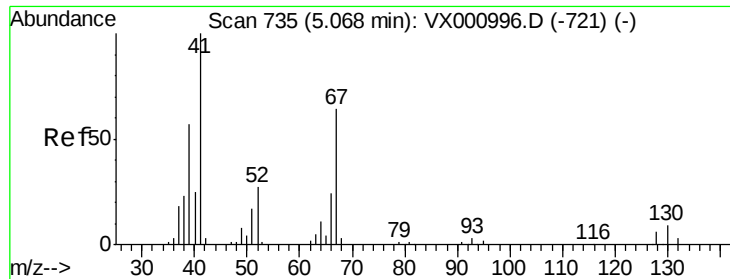
Sohil
4/26/2018 4:06:38 AM



#40
Benzene
Concen: 48.36 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





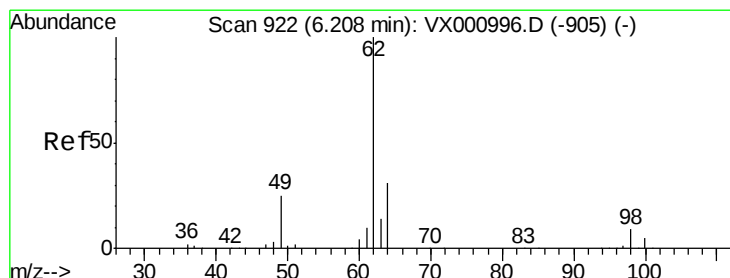
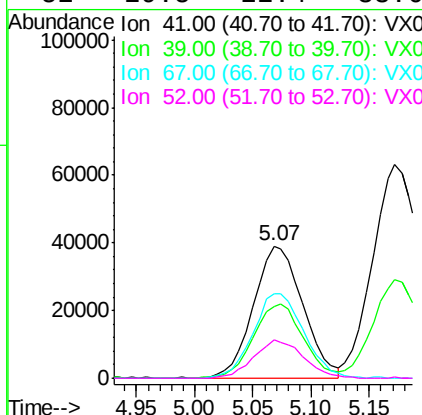
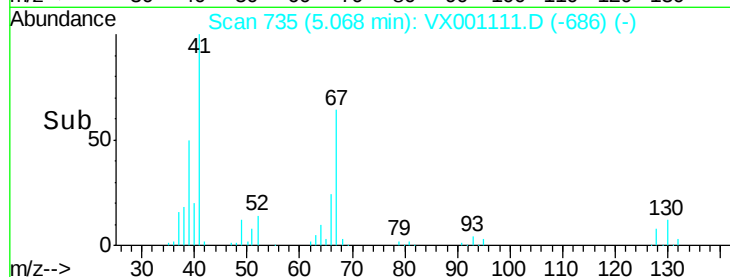
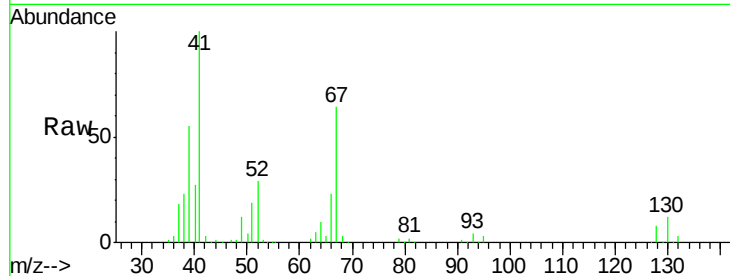
#41
Methacrylonitrile
Concen: 50.17 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	66.4	53.8	80.8
52	29.5	22.4	33.6

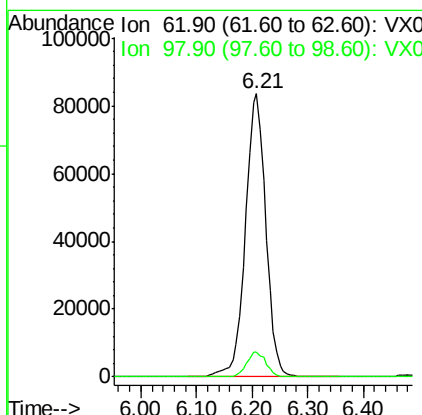
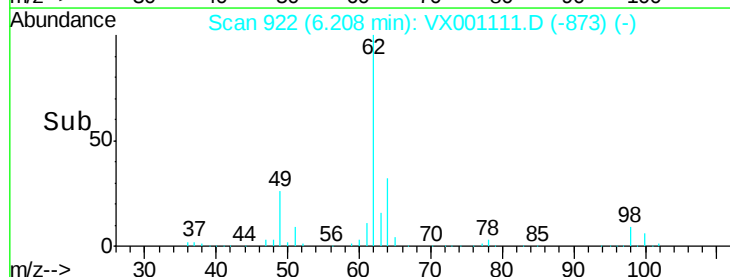
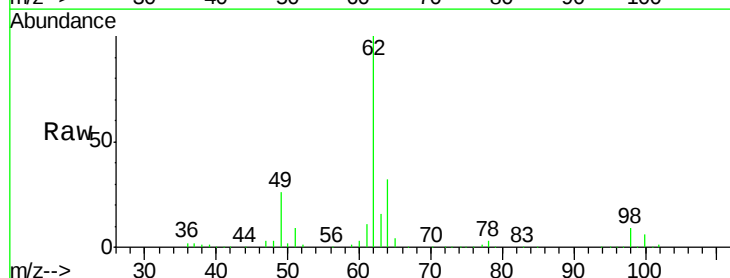
Manual Integrations
APPROVED

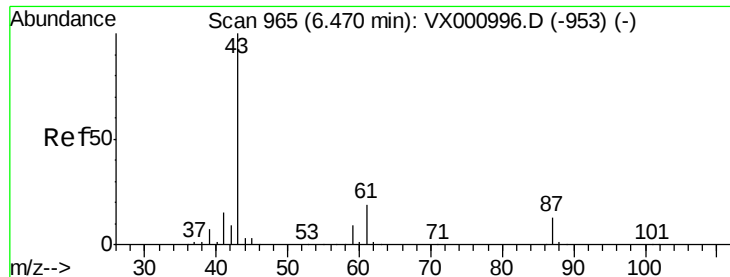
Sohil
4/26/2018 4:06:38 AM



#42
1,2-Dichloroethane
Concen: 49.85 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

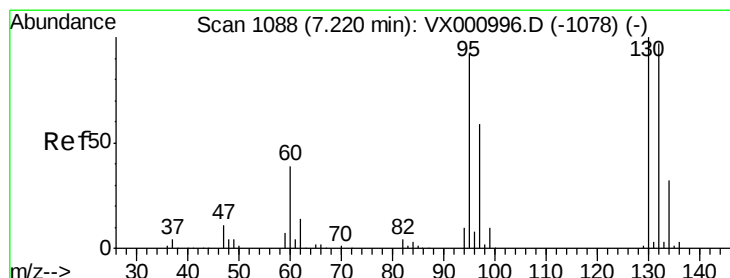
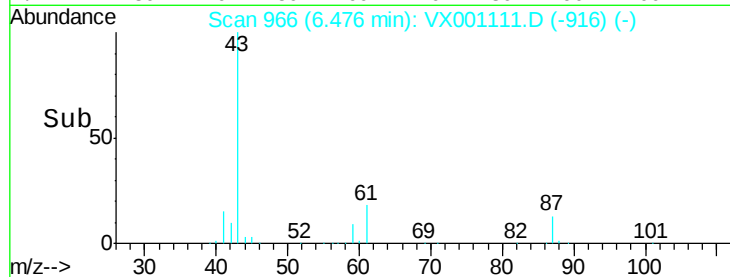
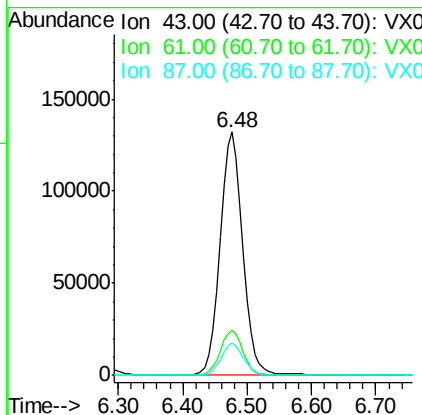
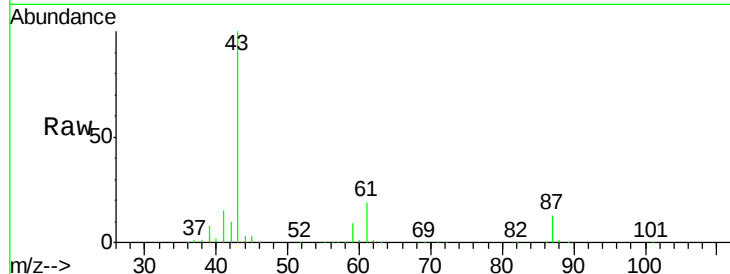
Isopropyl Acetate
 Concen: 51.96 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.2
87	13.3	10.6	15.8

Manual Integrations
 APPROVED

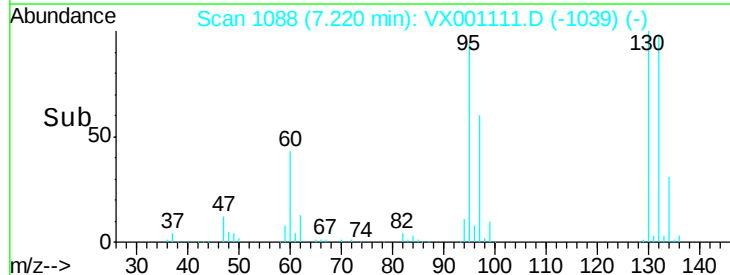
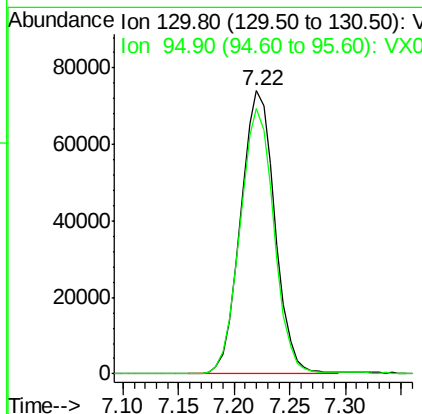
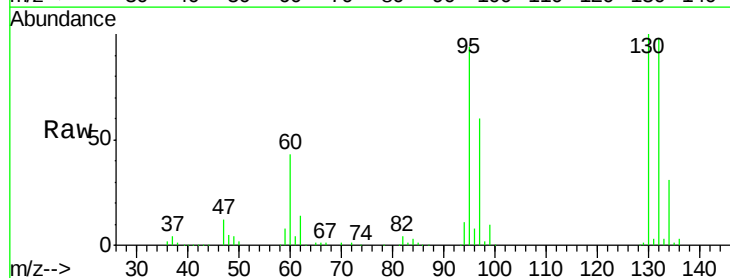
Sohil
 4/26/2018 4:06:38 AM

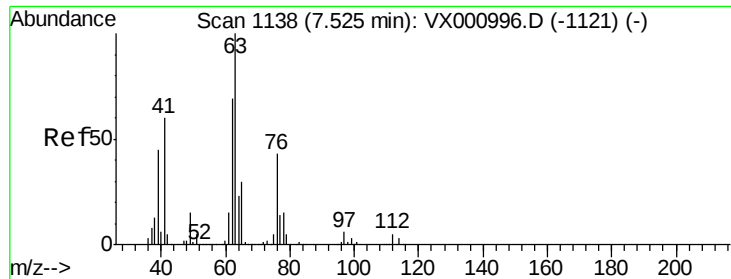


#44

Trichloroethene
 Concen: 46.64 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.08 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 139635

Ion Ratio Lower Upper

63 100

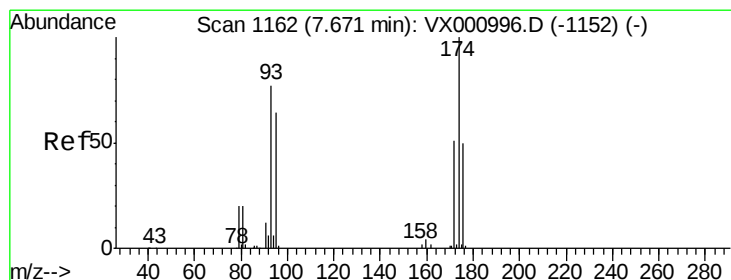
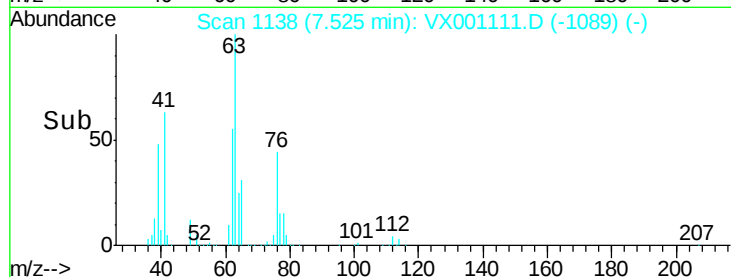
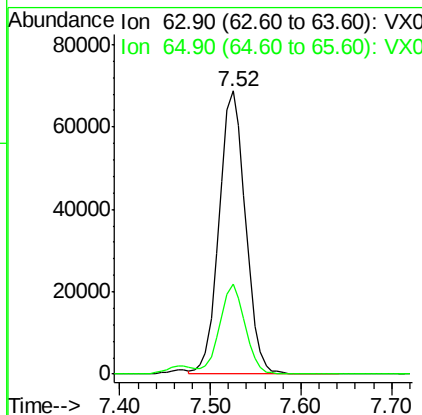
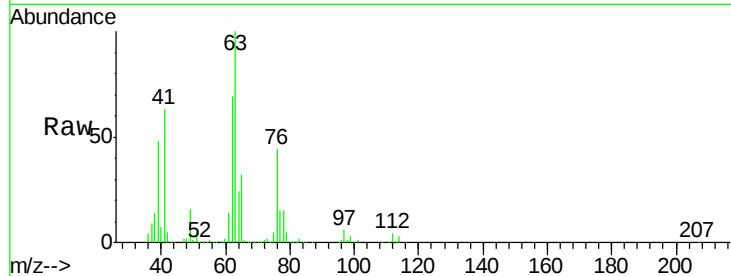
65 31.6 24.4 36.6

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:38 AM



#46

Dibromomethane

Concen: 49.46 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

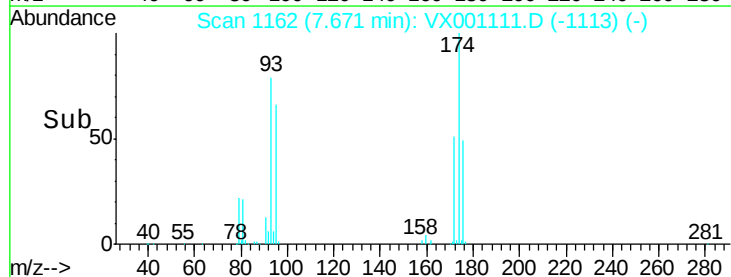
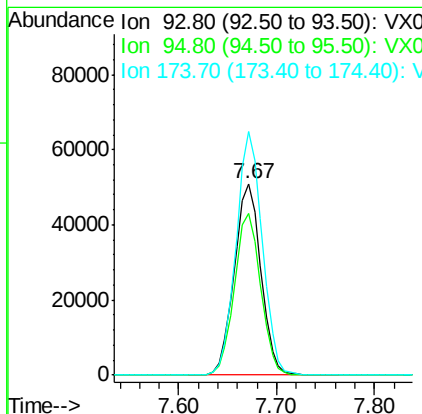
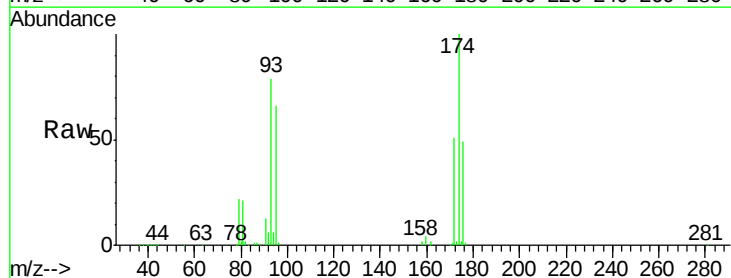
Tgt Ion: 93 Resp: 96365

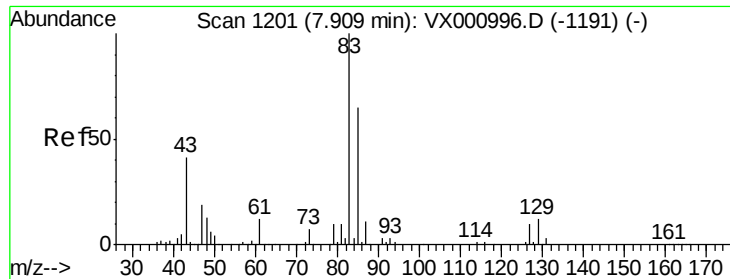
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 125.1 101.8 152.6





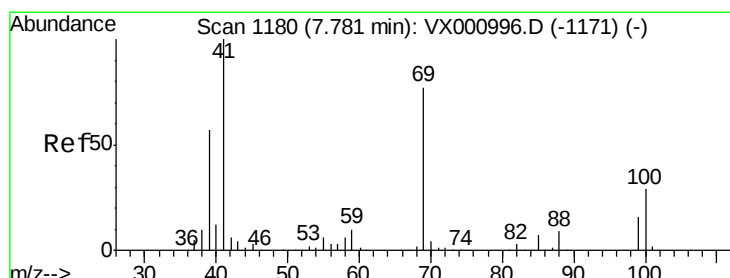
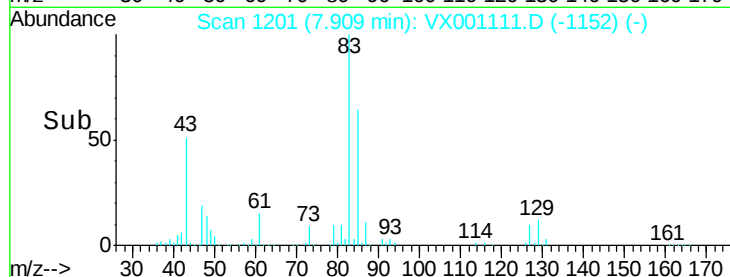
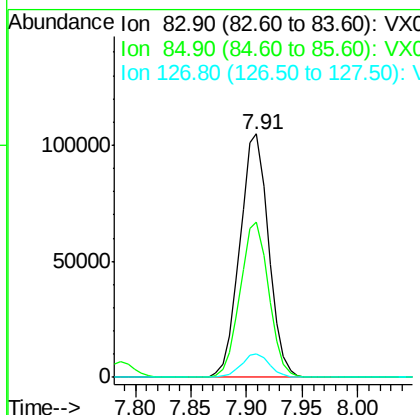
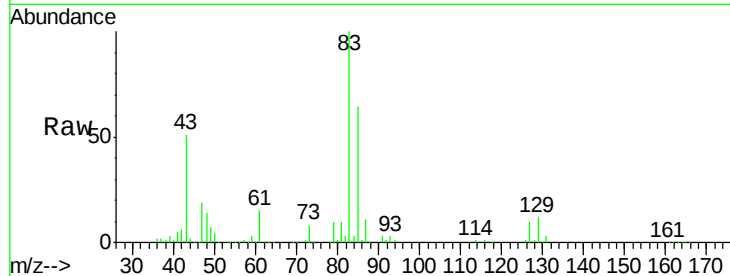
#47
Bromodichloromethane
Concen: 52.06 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.3	78.5
127	9.5	7.8	11.6

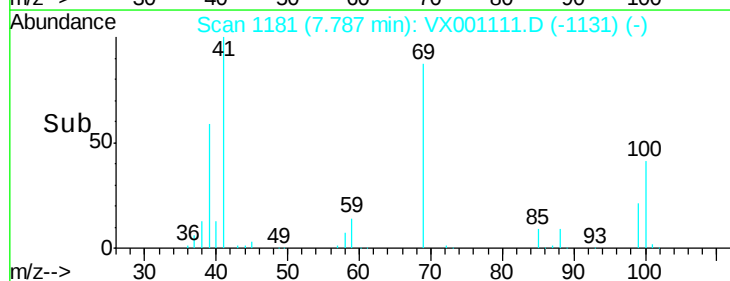
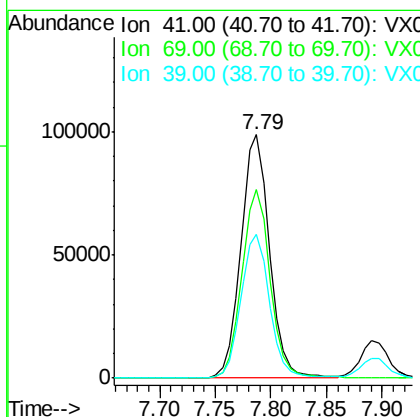
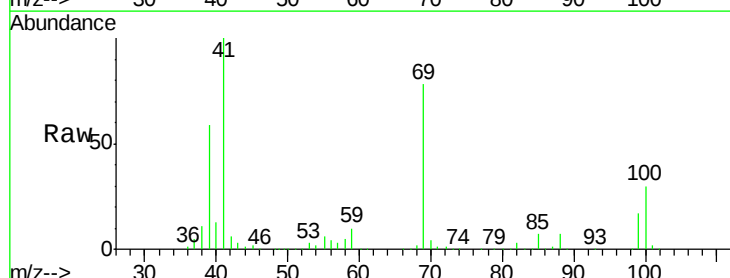
Manual Integrations
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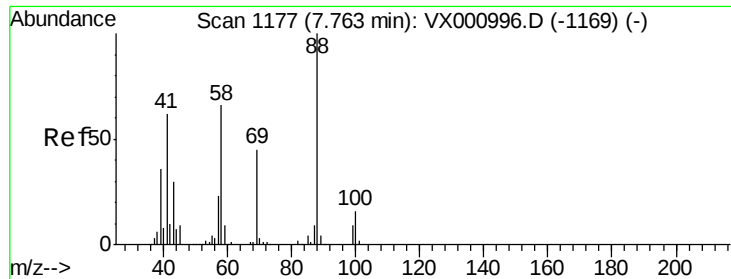
Sohil
4/26/2018 4:06:38 AM



#48
Methyl methacrylate
Concen: 52.12 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.0	62.6	94.0
39	59.1	45.3	67.9





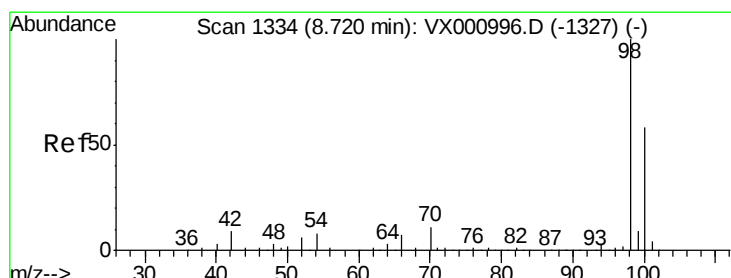
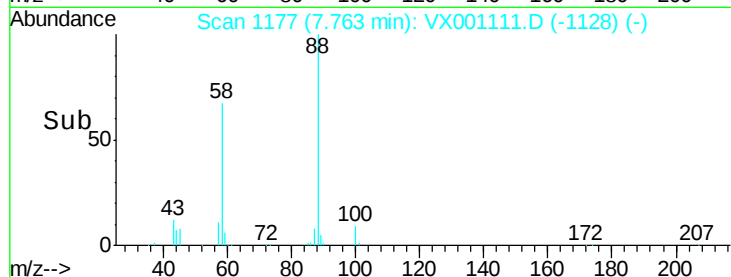
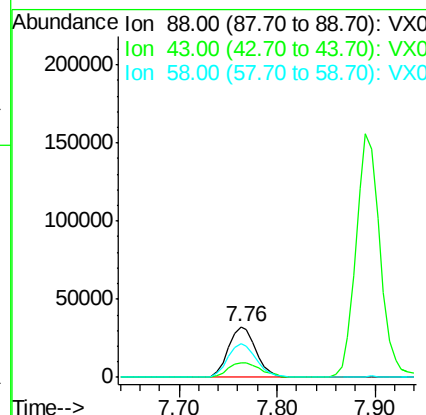
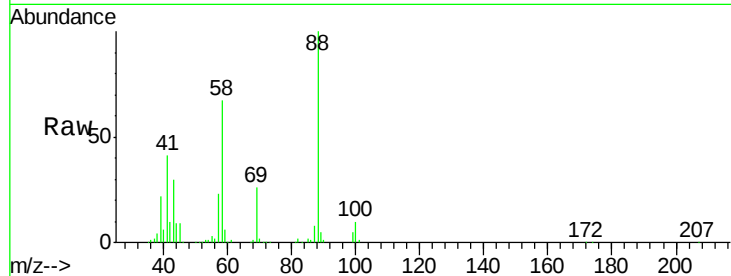
#49
 1,4-Dioxane
 Concen: 1266.60 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.2	43.8
58	69.2	55.0	82.6

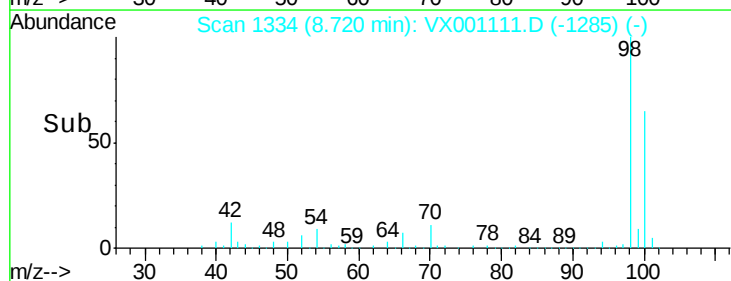
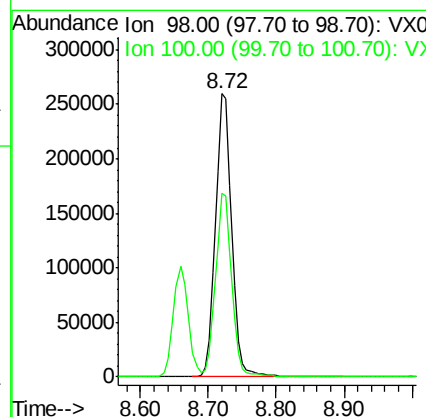
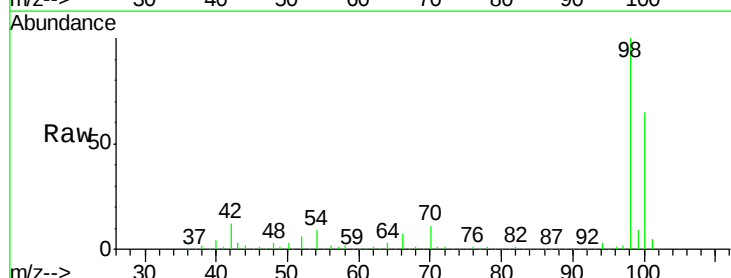
Manual Integrations
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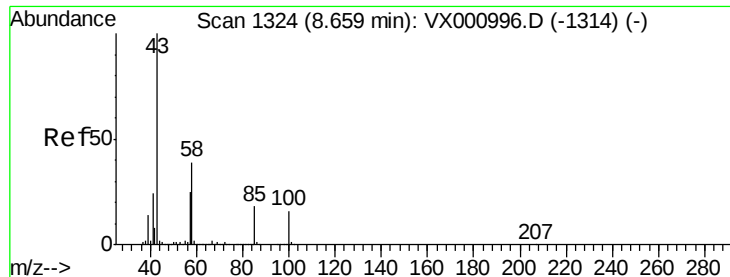
Sohil
 4/26/2018 4:06:38 AM



#50
 Toluene-d8
 Concen: 44.89 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





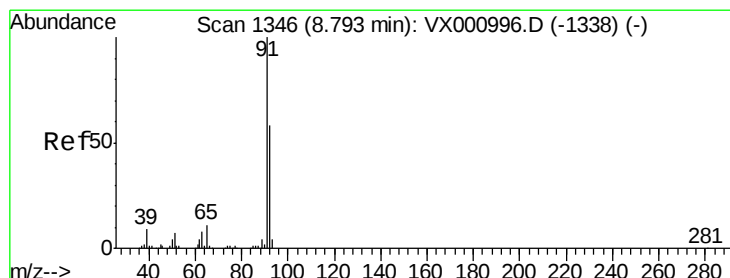
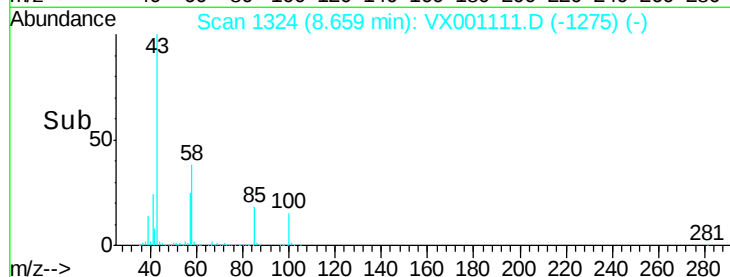
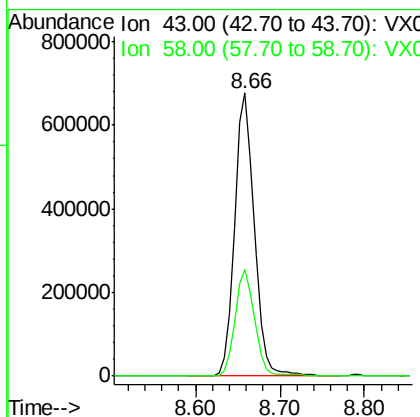
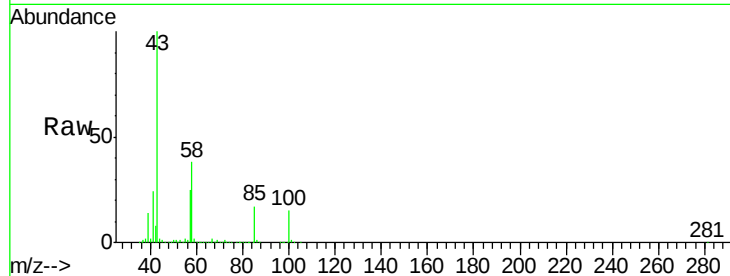
#51
 4-Methyl-2-Pentanone
 Concen: 279.57 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1065582
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.2 45.4

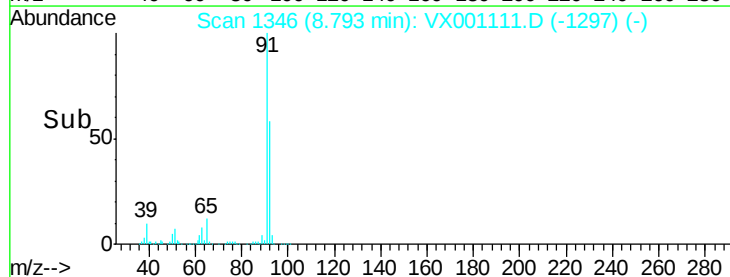
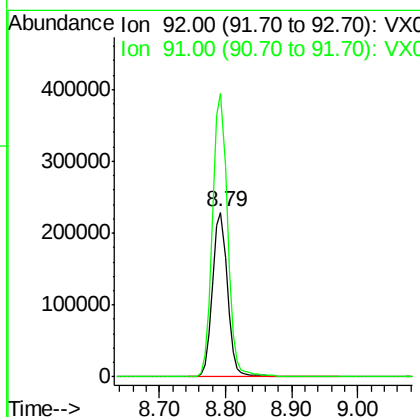
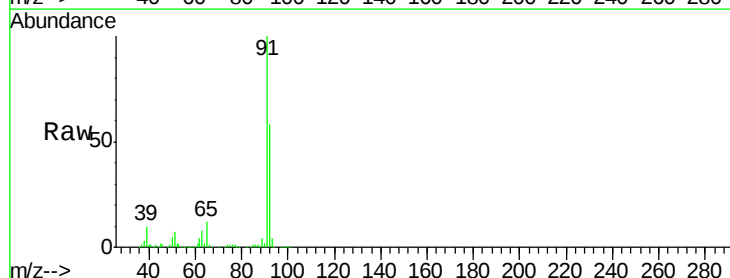
Manual Integrations
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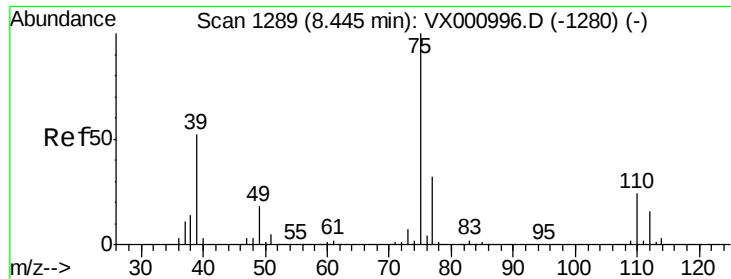
Sohil
 4/26/2018 4:06:38 AM



#52
 Toluene
 Concen: 49.48 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion: 92 Resp: 358139
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 48.78 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 210555

Ion Ratio Lower Upper

75 100

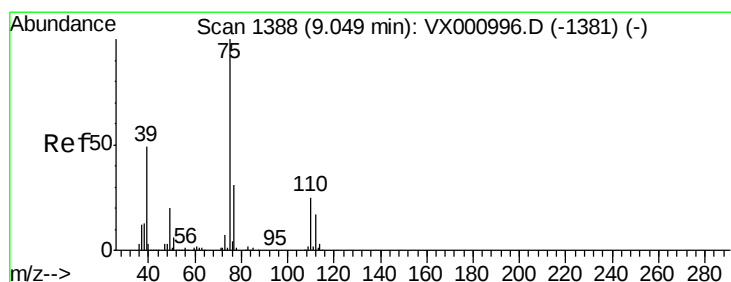
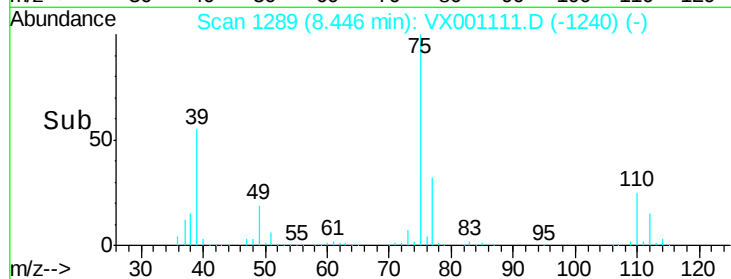
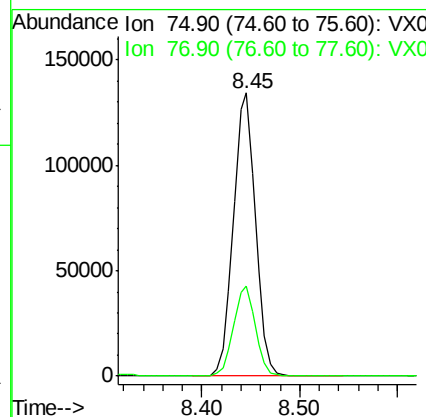
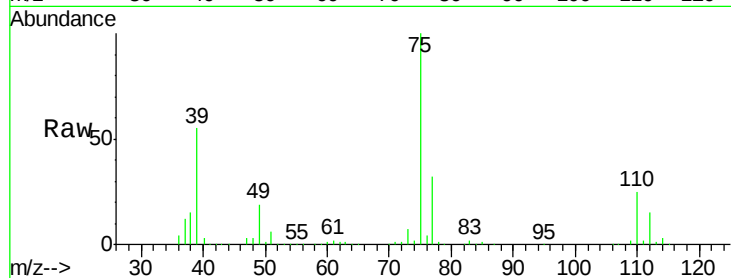
77 31.7 25.8 38.6

Manual Integrations

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Sohil

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#54

cis-1,3-Dichloropropene

Concen: 49.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

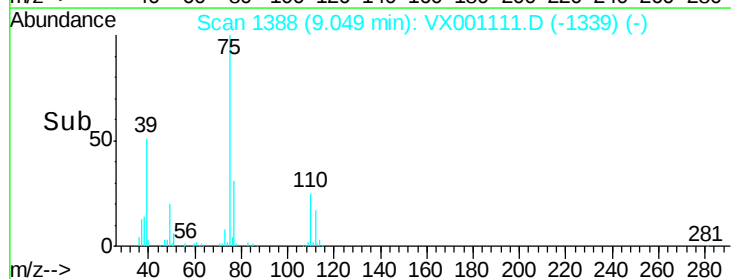
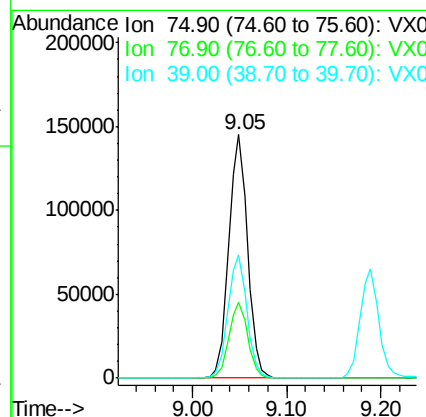
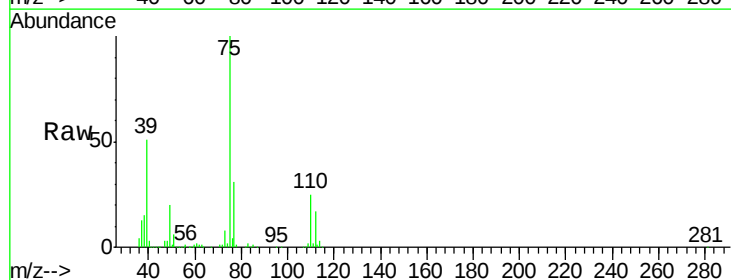
Tgt Ion: 75 Resp: 200558

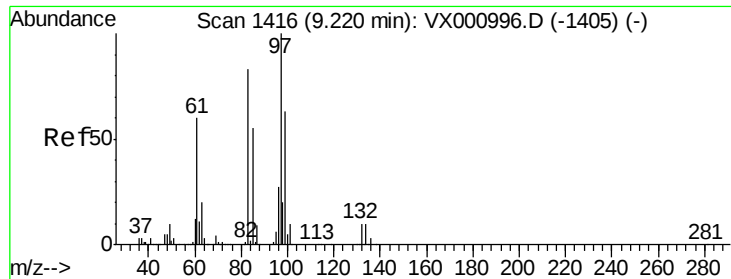
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 50.7 39.2 58.8





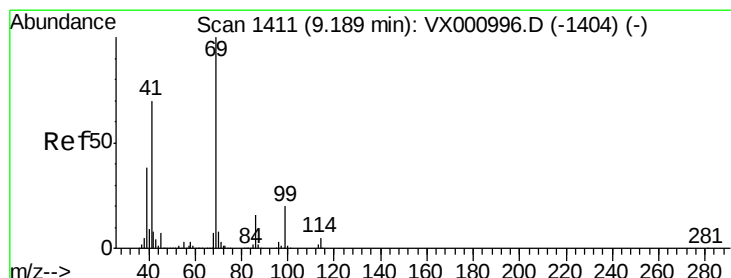
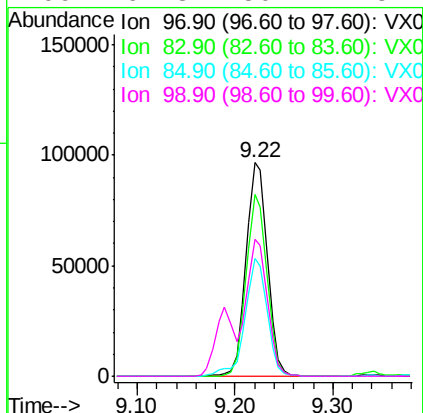
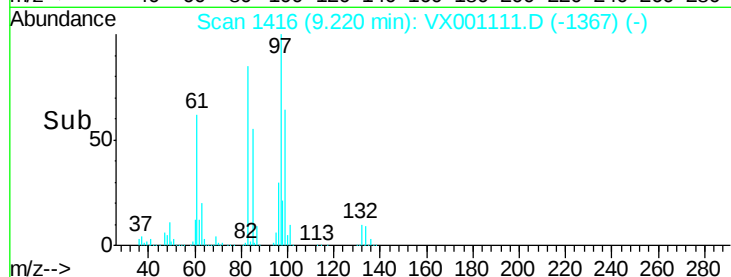
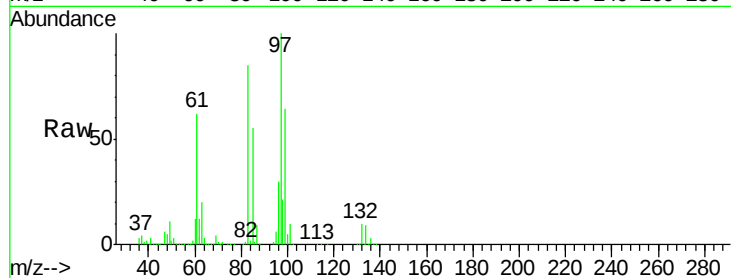
#55
 1,1,2-Trichloroethane
 Concen: 50.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.9	66.2	99.4		
85	55.1	44.2	66.4		
99	64.3	50.2	75.4		

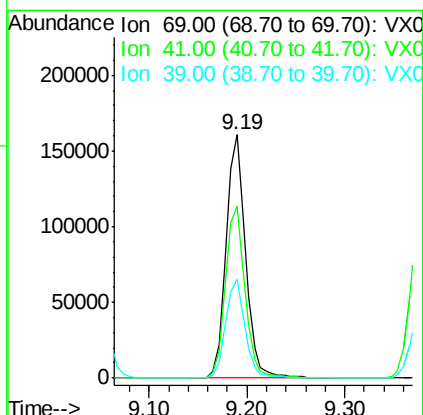
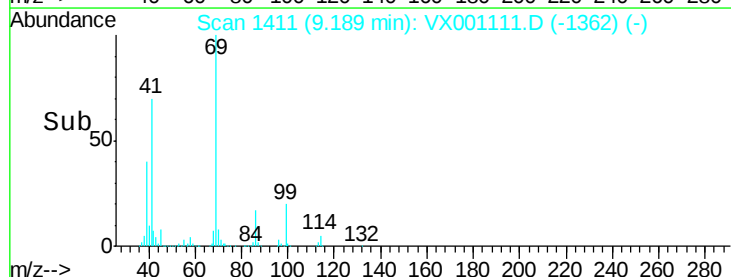
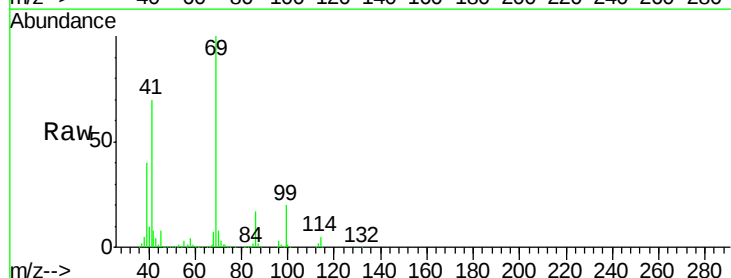
Manual Integrations
 APPROVED

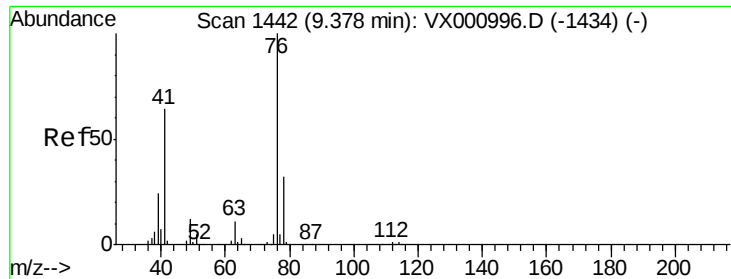
Sohil
 4/26/2018 4:06:38 AM



#56
 Ethyl methacrylate
 Concen: 52.49 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	71.2	56.3	84.5		
39	40.6	30.4	45.6		





#57

1,3-Dichloropropane

Concen: 49.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 238254

Ion Ratio Lower Upper

76 100

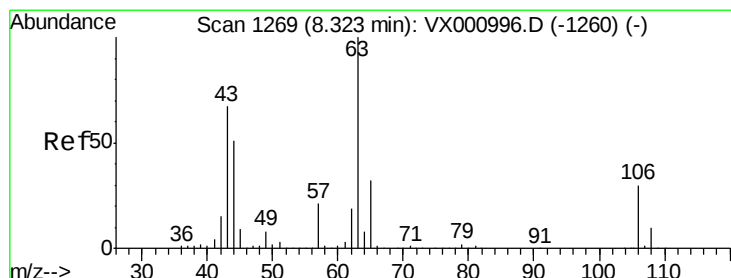
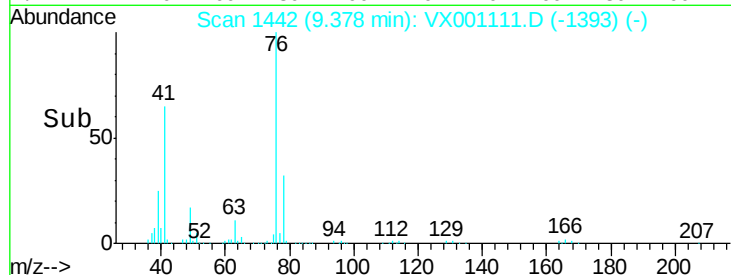
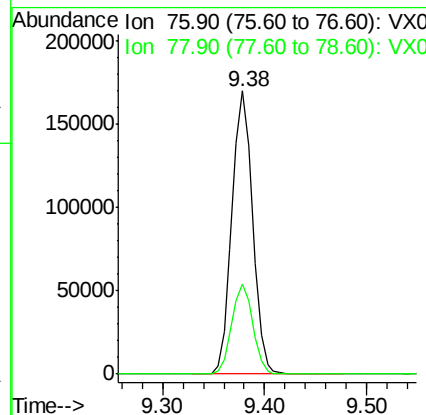
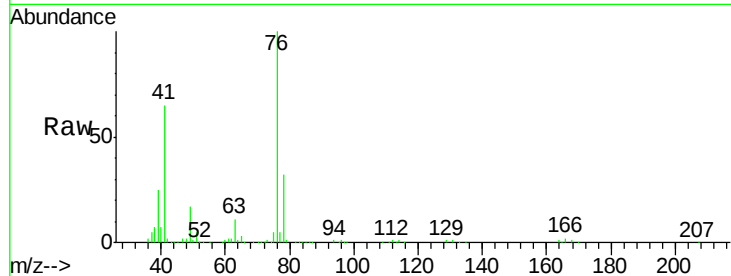
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Sohil

4/26/2018 4:06:38 AM



#58

2-Chloroethyl Vinyl ether

Concen: 261.55 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001111.D

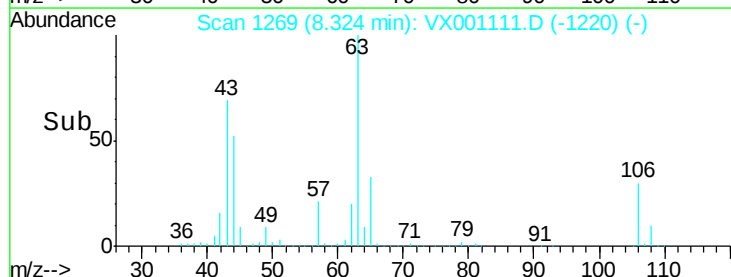
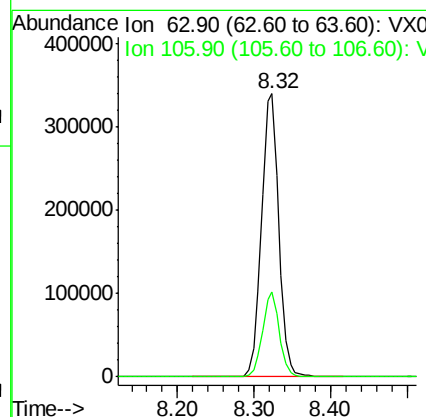
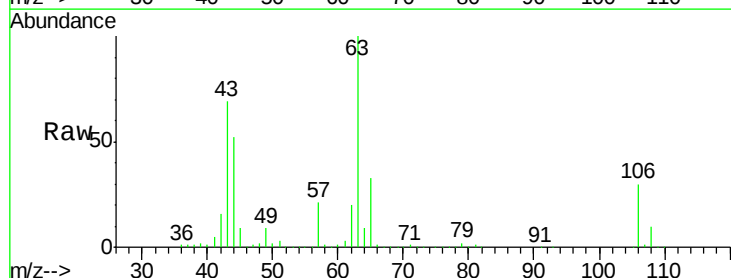
Acq: 25 Apr 2018 06:49

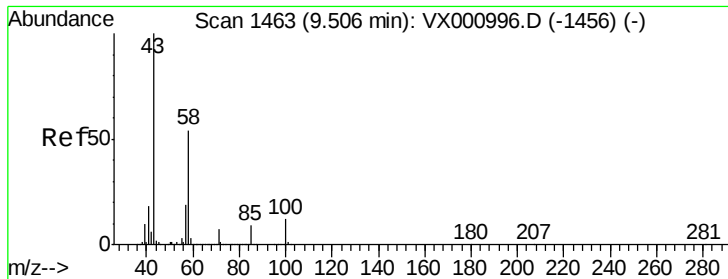
Tgt Ion: 63 Resp: 539369

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.6





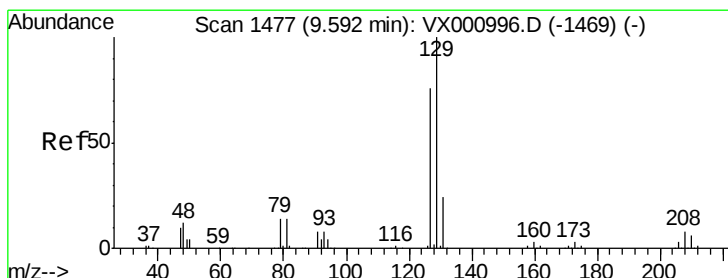
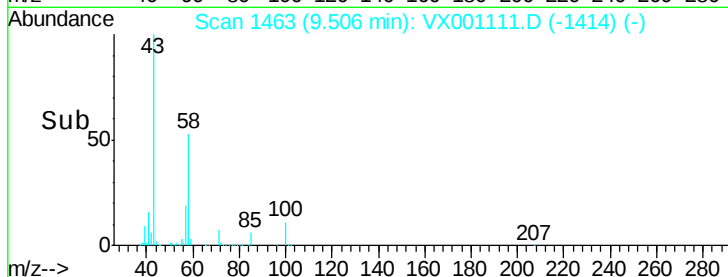
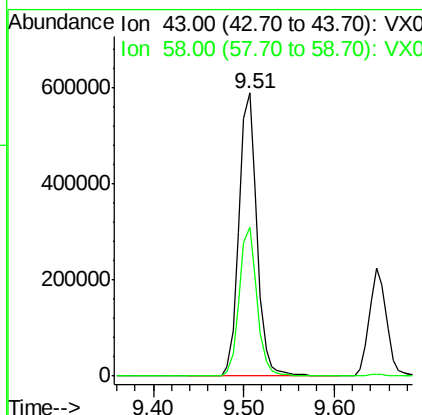
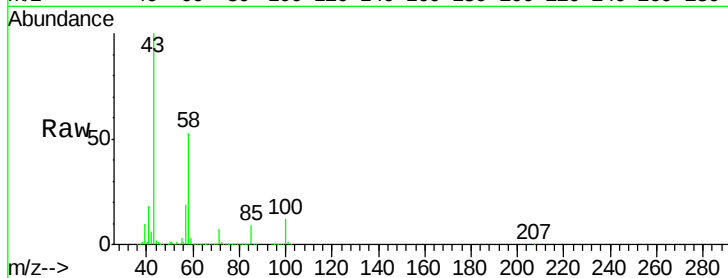
#59
2-Hexanone
Concen: 276.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 807745
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

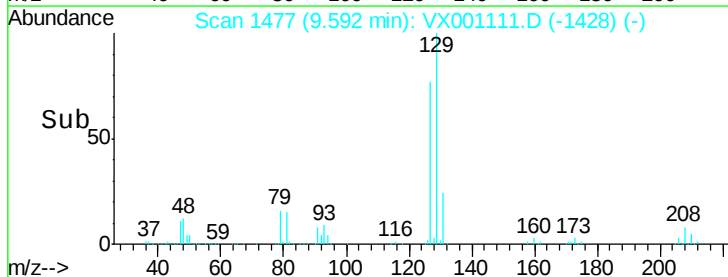
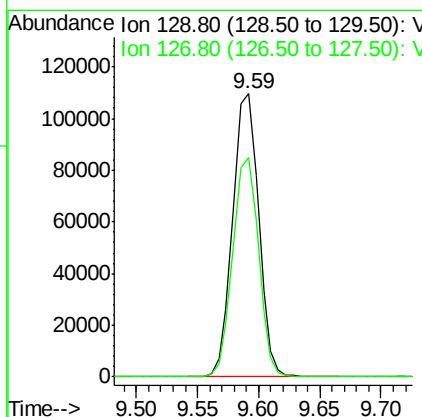
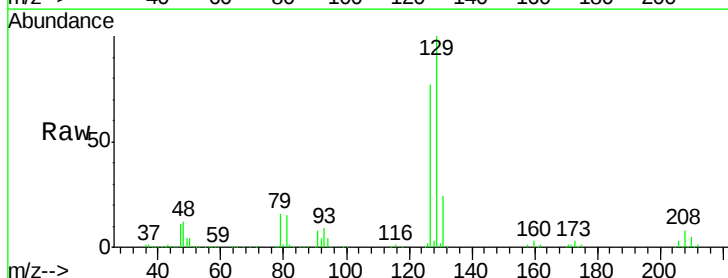
Manual Integrations
APPROVED

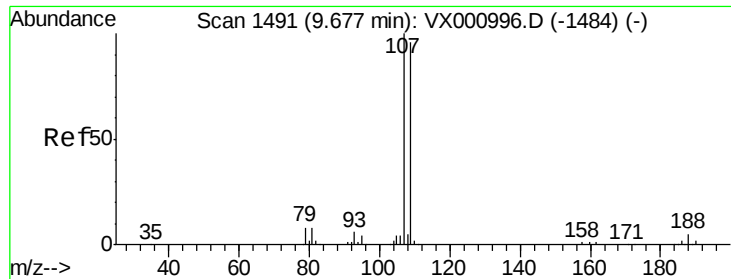
Sohil
4/26/2018 4:06:38 AM



#60
Dibromochloromethane
Concen: 53.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 129 Resp: 160910
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 157282

Ion Ratio Lower Upper

107 100

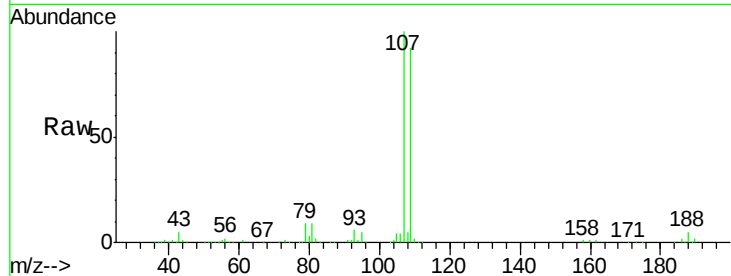
109 93.2 76.0 114.0

Manual Integrations

APPROVED

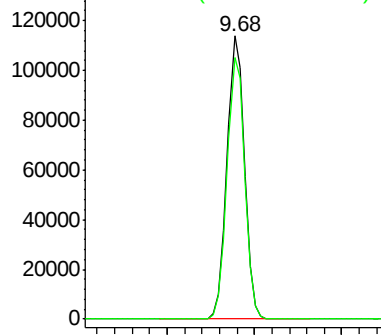
Sohil

4/26/2018 4:06:38 AM

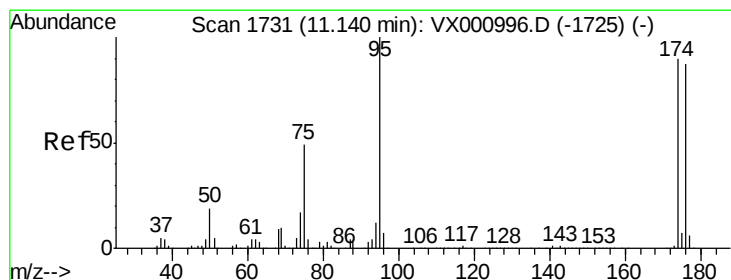
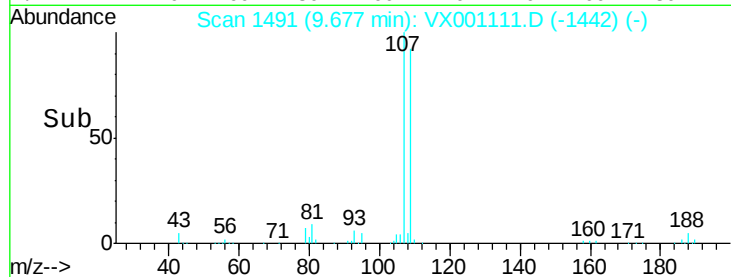


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 45.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

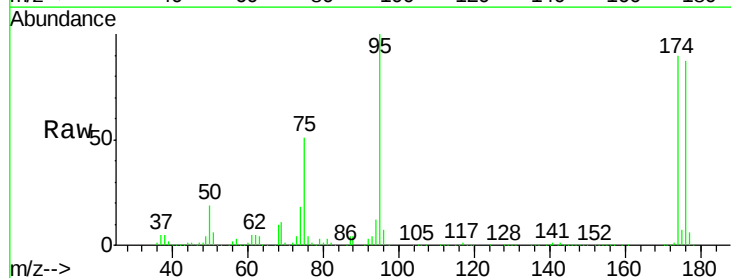
Tgt Ion: 95 Resp: 180760

Ion Ratio Lower Upper

95 100

174 97.1 0.0 198.4

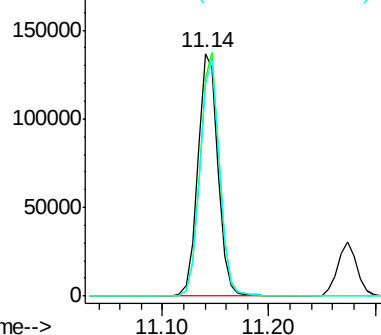
176 95.2 0.0 192.0



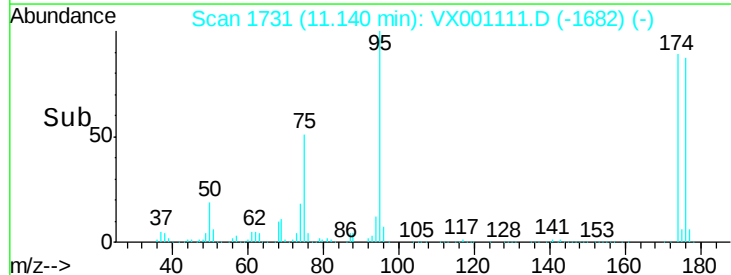
Abundance Ion 94.90 (94.60 to 95.60): VX0

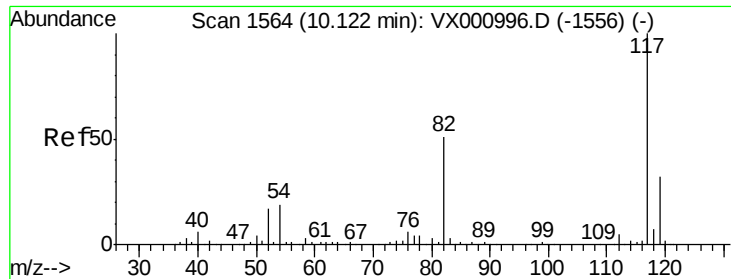
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





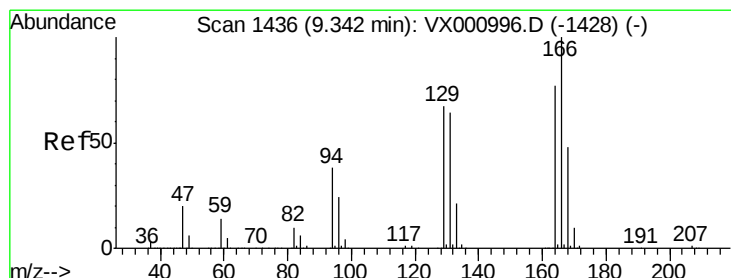
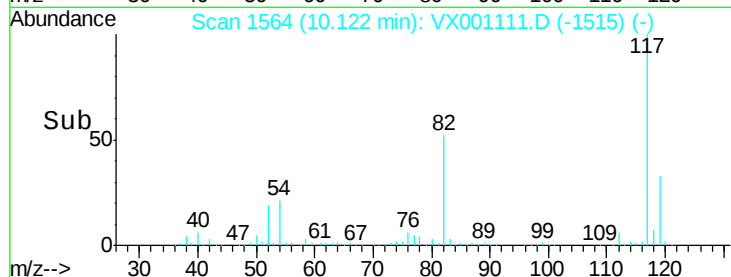
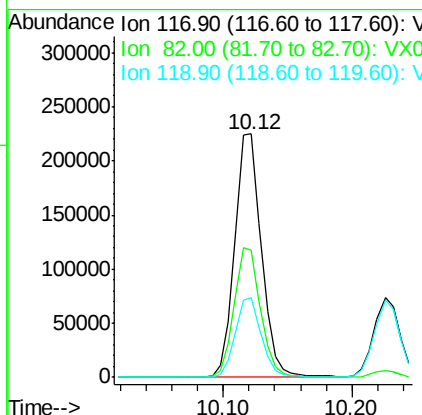
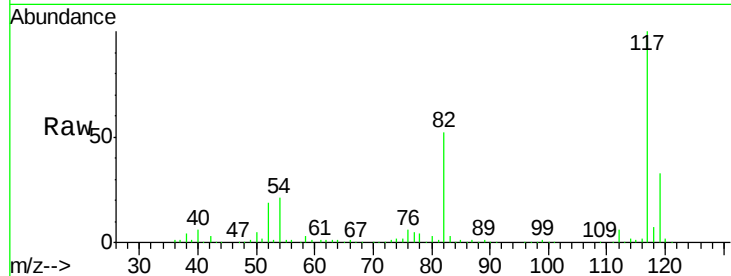
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.6	60.8
119	32.6	26.0	39.0

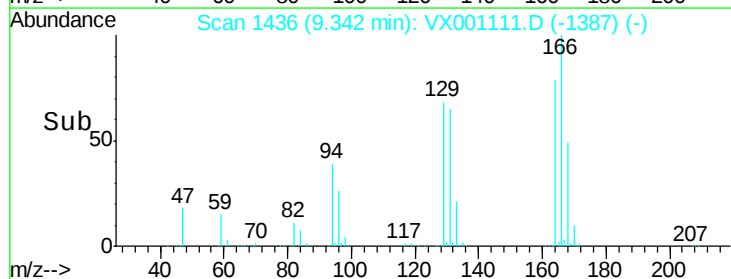
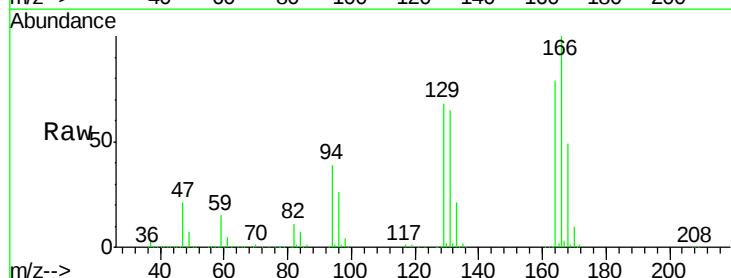
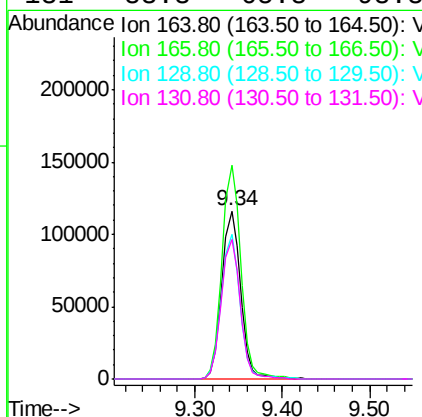
Manual Integrations
APPROVED

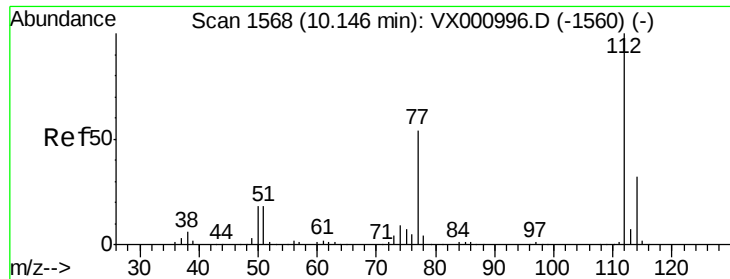
Sohil
4/26/2018 4:06:38 AM



#64
Tetrachloroethene
Concen: 50.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.5	155.3
129	86.5	69.6	104.4
131	83.3	65.8	98.8





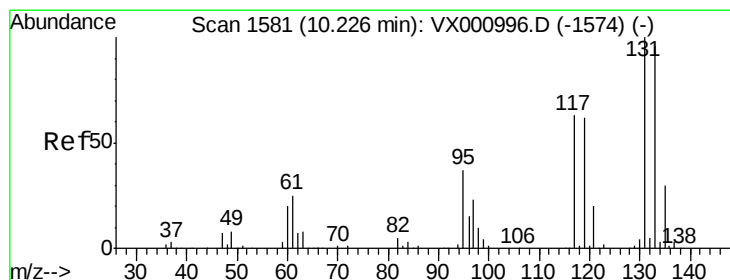
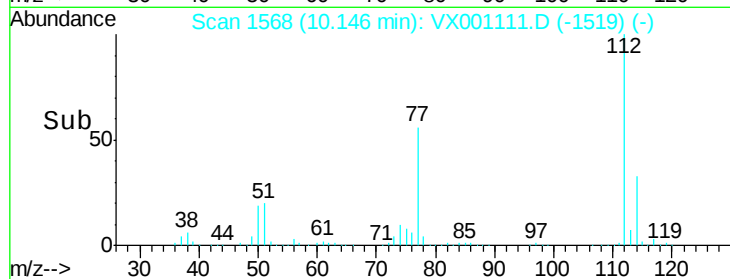
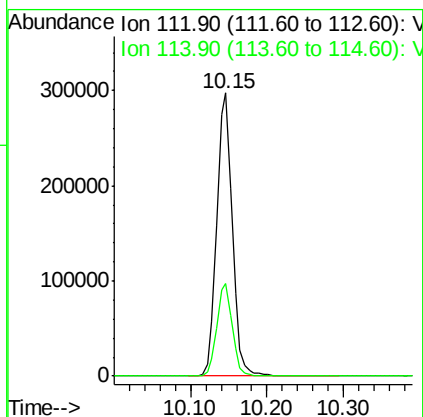
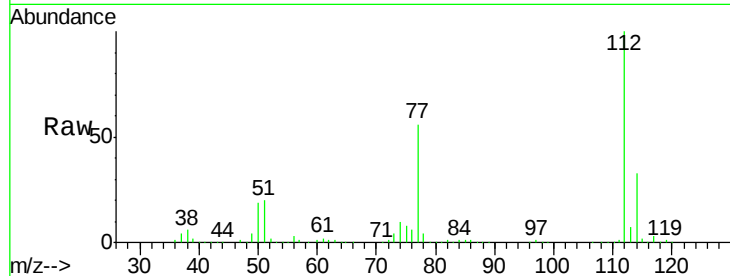
#65
Chlorobenzene
Concen: 48.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 417677
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

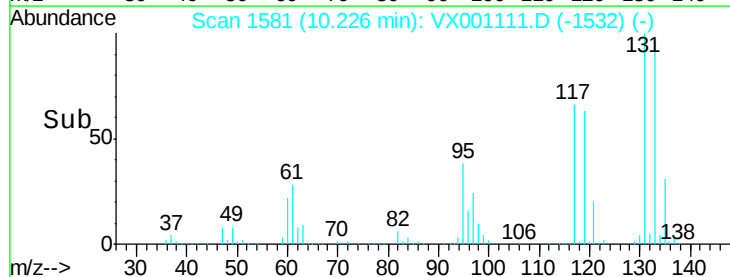
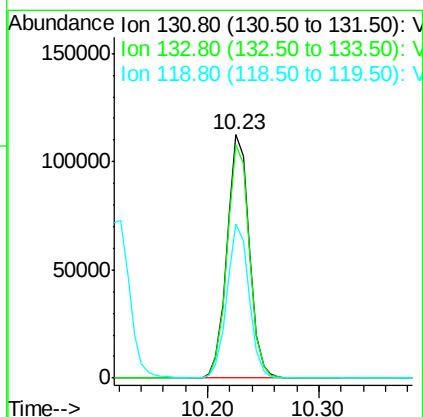
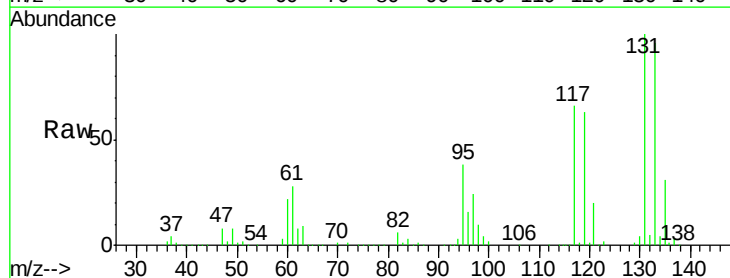
Manual Integrations
APPROVED

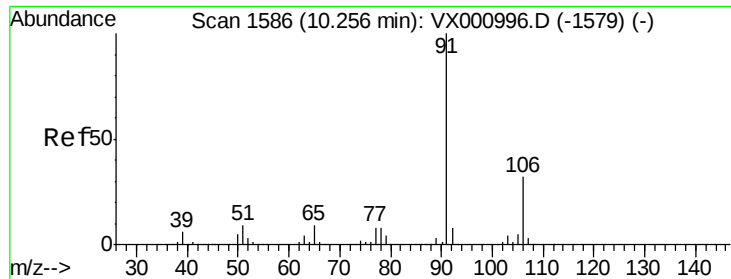
Sohil
4/26/2018 4:06:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:131 Resp: 154570
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 63.1 31.1 93.2





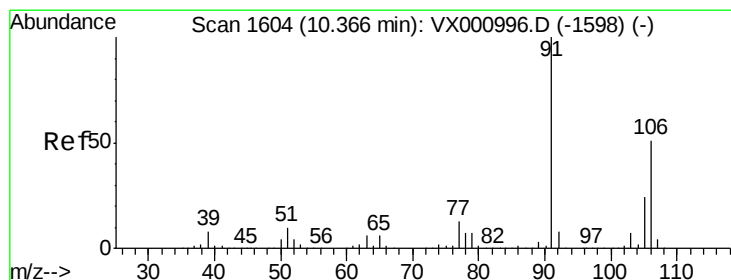
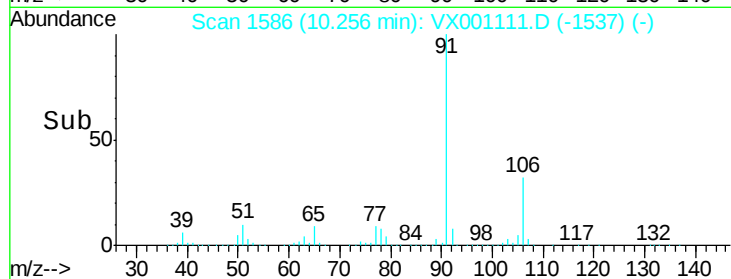
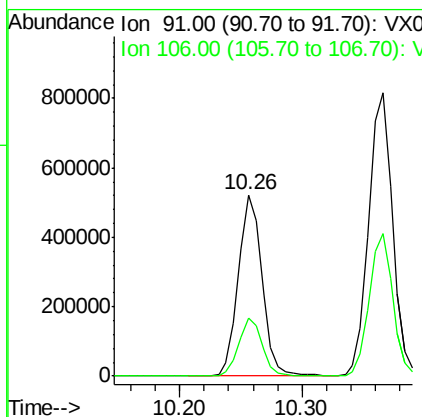
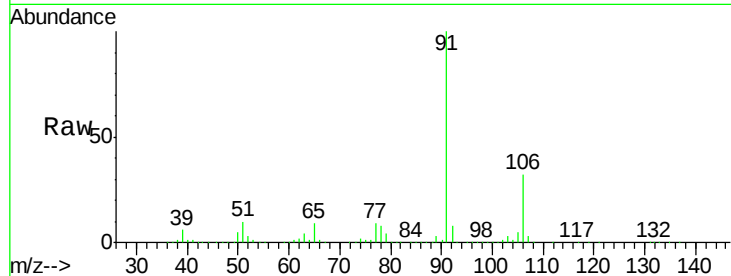
#67
Ethyl Benzene
Concen: 48.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 701931
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

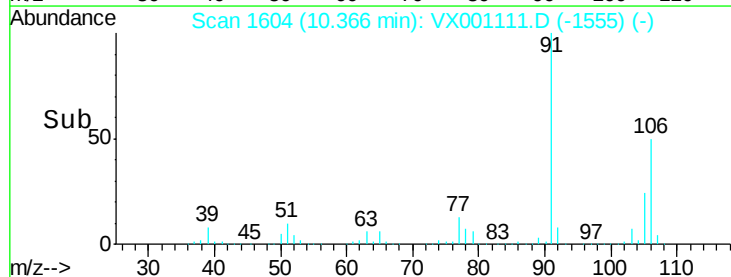
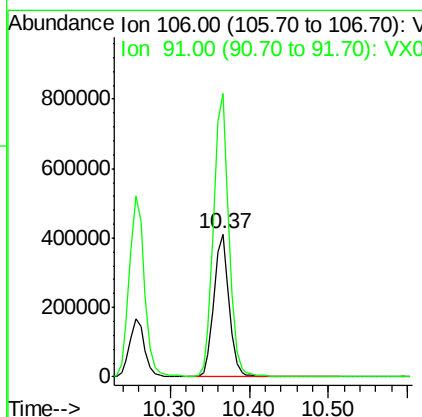
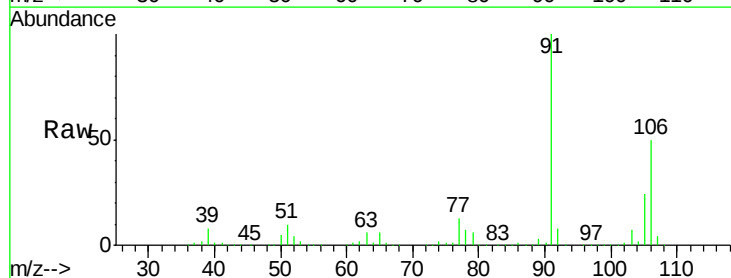
Manual Integrations
APPROVED

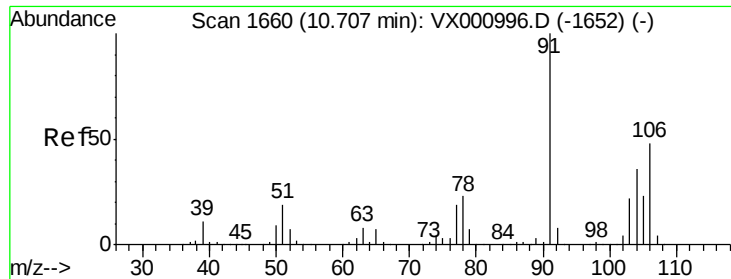
Sohil
4/26/2018 4:06:38 AM



#68
m/p-Xylenes
Concen: 97.97 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion: 106 Resp: 557597
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9





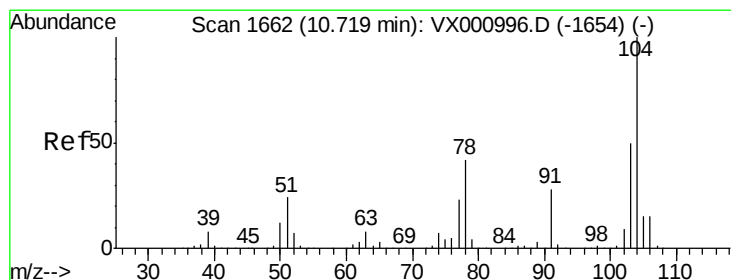
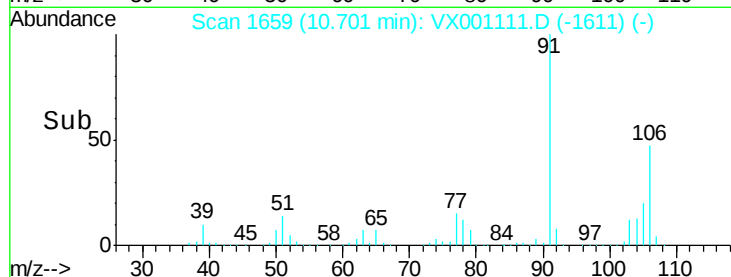
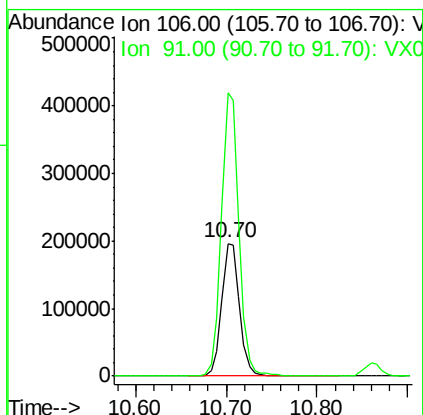
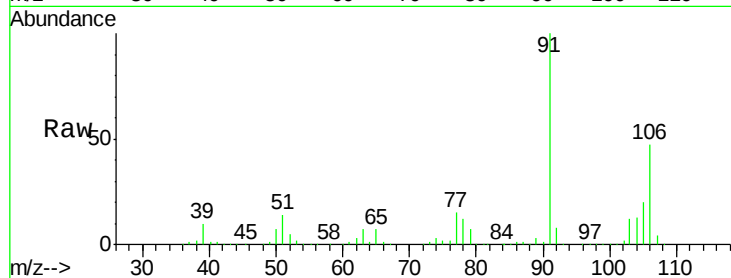
#69
o-Xylene
Concen: 49.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 270893
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.1

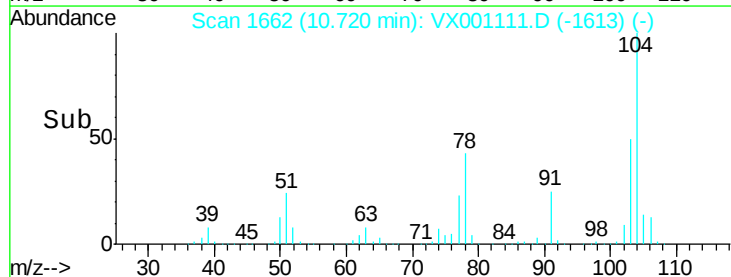
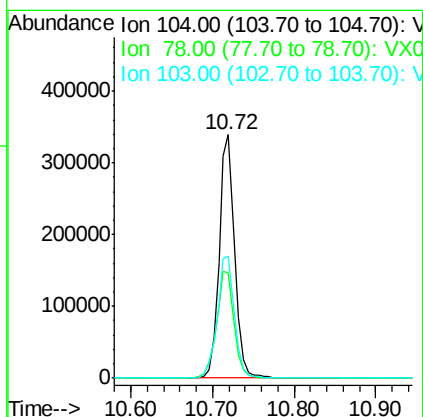
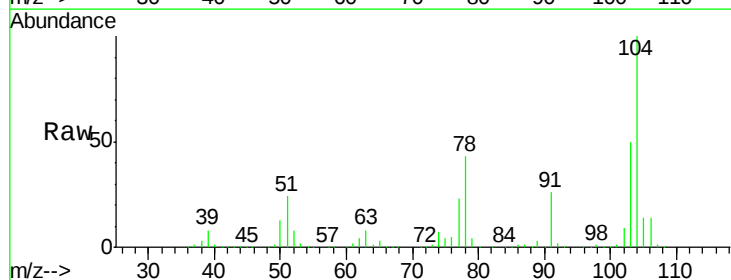
Manual Integrations
APPROVED

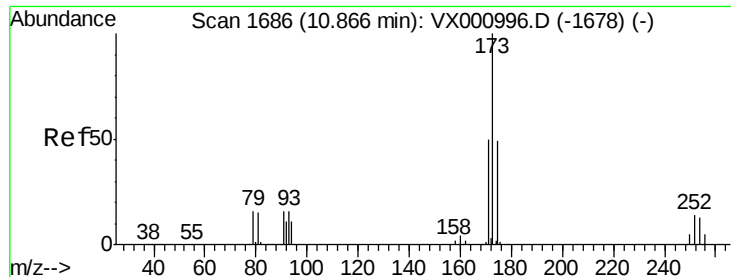
Sohil
4/26/2018 4:06:38 AM



#70
Styrene
Concen: 49.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion:104 Resp: 450580
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 56.2 44.2 66.2





#71

Bromoform

Concen: 47.38 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

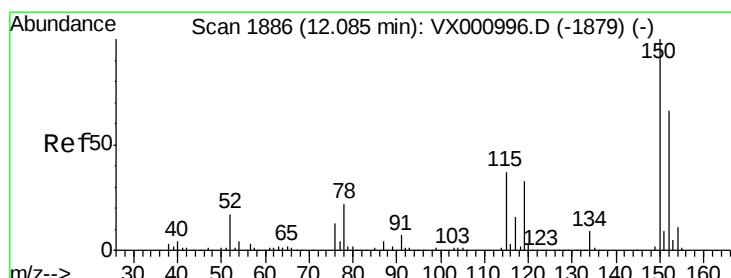
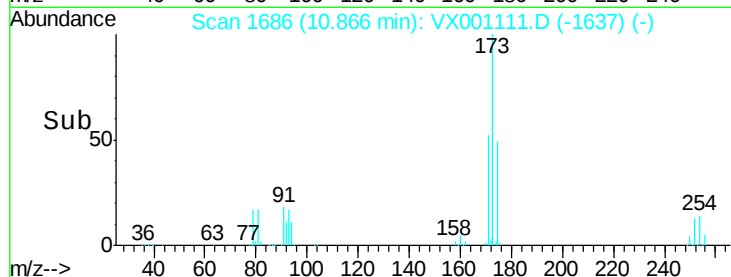
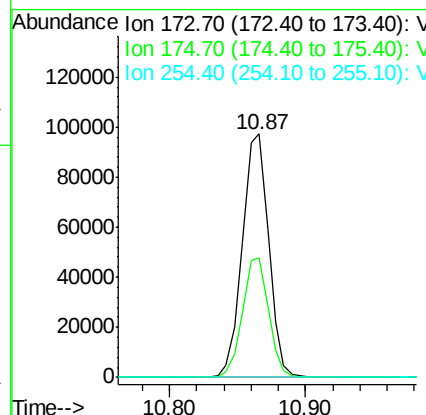
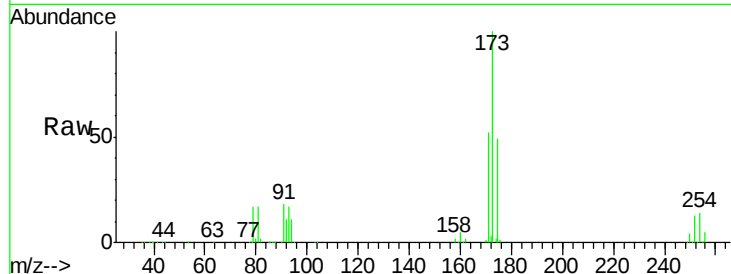
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	131245
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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Sohil
4/26/2018 4:06:38 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

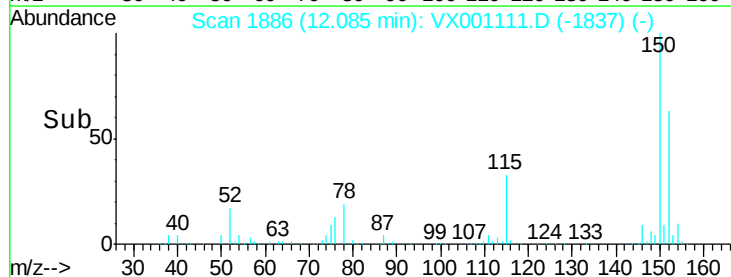
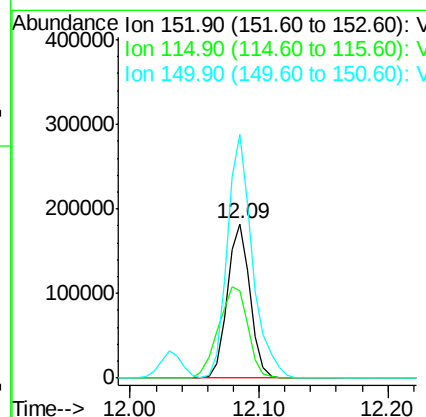
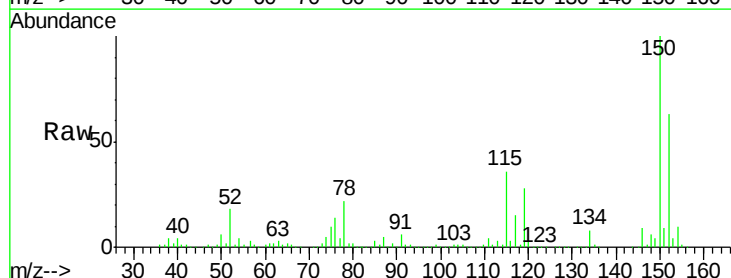
RT: 12.09 min Scan# 1886

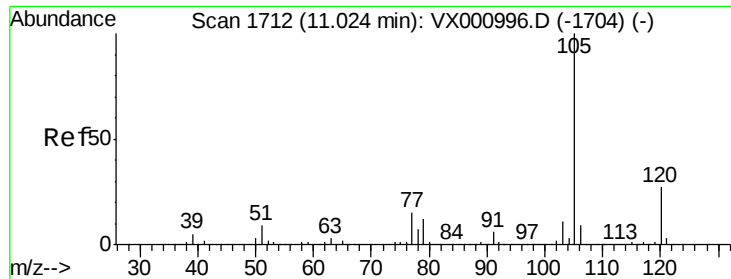
Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	152	Resp:	225873
Ion Ratio	Lower	Upper	
152	100		
115	77.3	38.2	114.6
150	174.4	0.0	350.4





#73

Isopropylbenzene

Concen: 49.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 735310

Ion Ratio Lower Upper

105 100

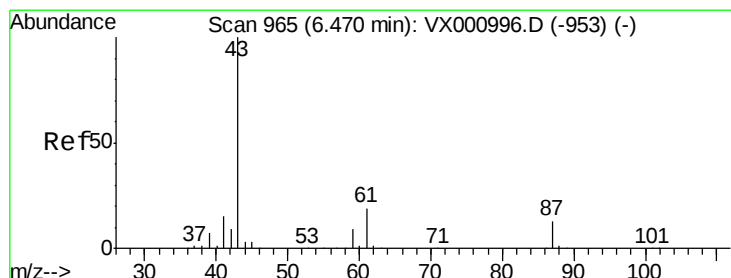
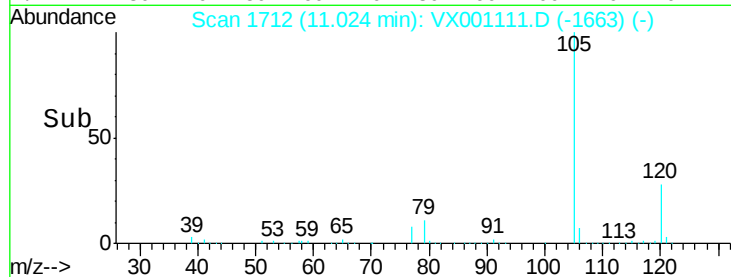
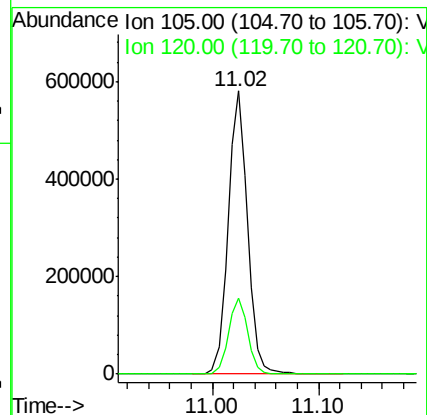
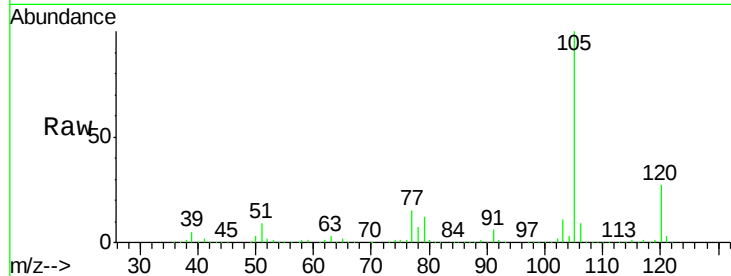
120 26.9 13.4 40.2

Manual Integrations

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Sohil

4/26/2018 4:06:38 AM



#74

N-ethyl acetate

Concen: 51.63 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion: 43 Resp: 326151

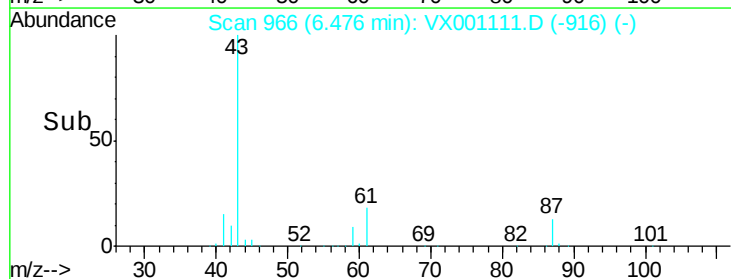
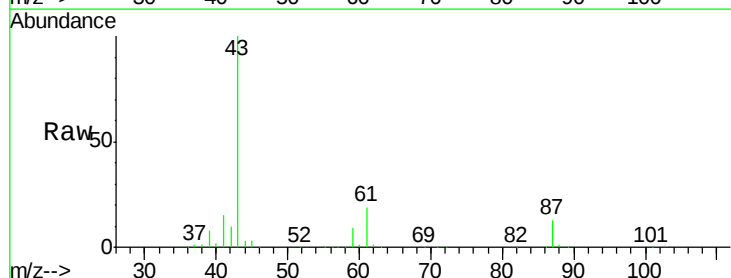
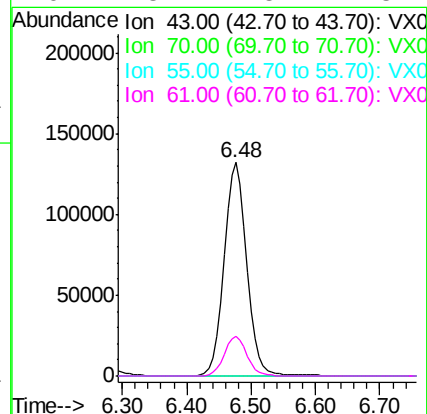
Ion Ratio Lower Upper

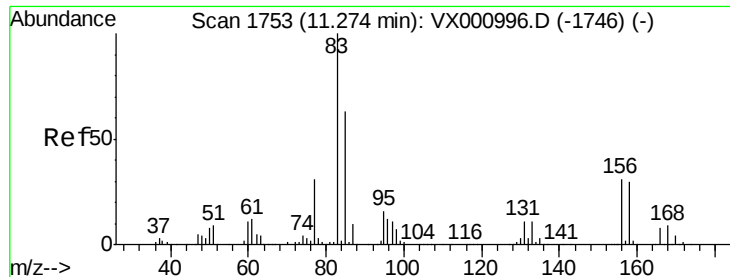
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

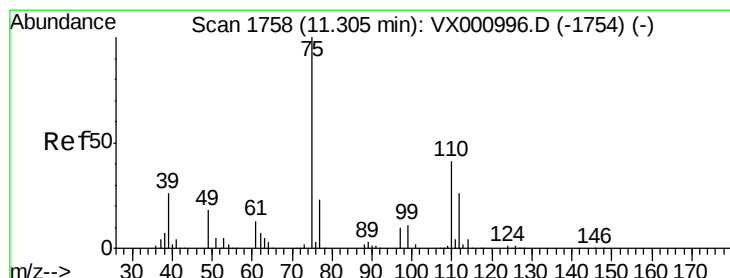
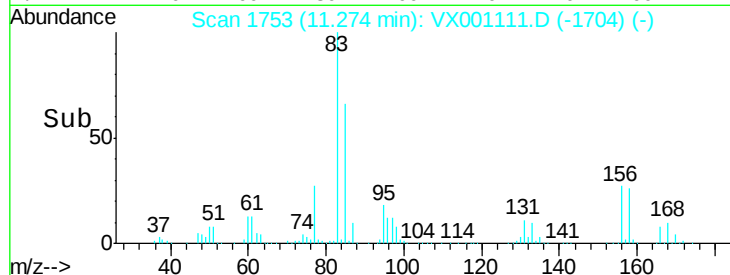
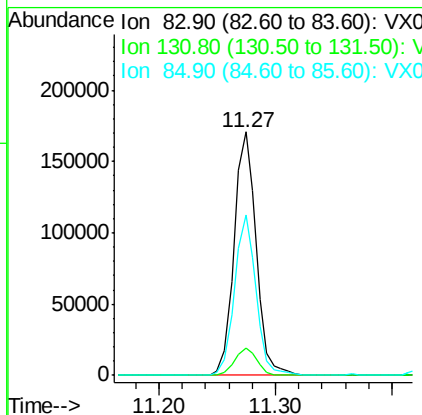
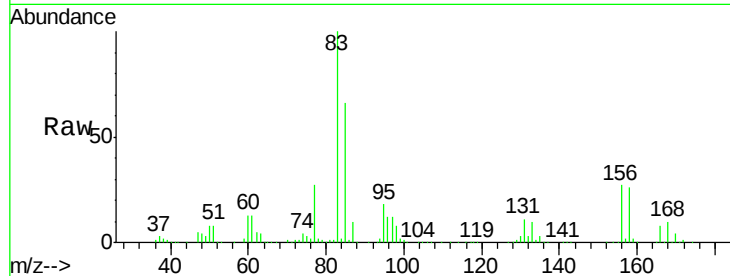
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	225094
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.86 ug/l m

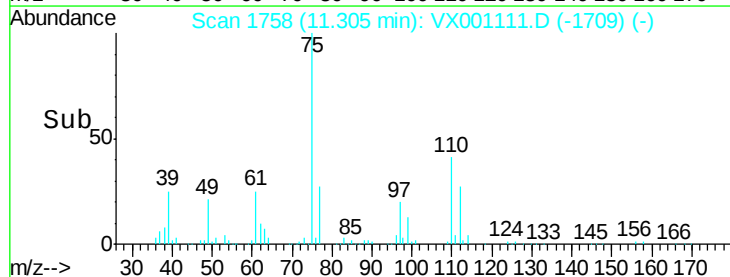
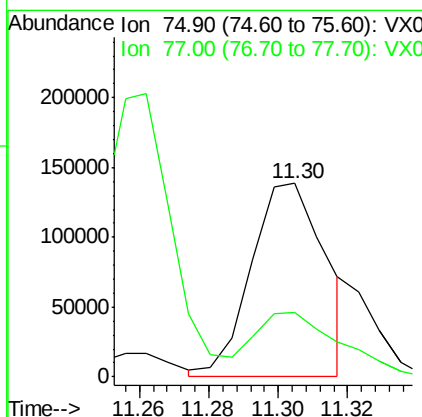
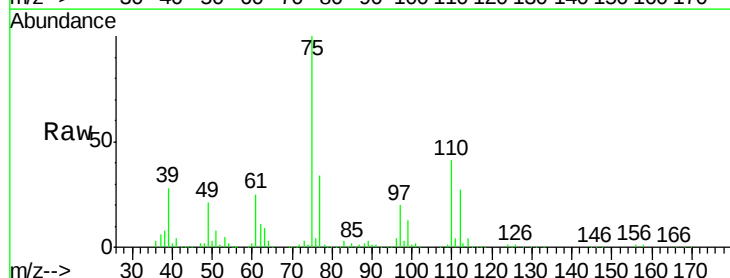
RT: 11.30 min Scan# 1758

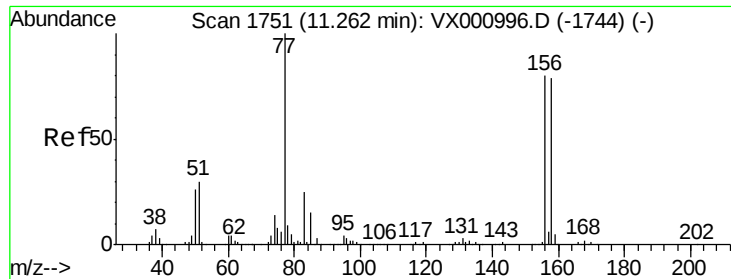
Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	75	Resp:	207156
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.6	58.7





#77

Bromobenzene

Concen: 48.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

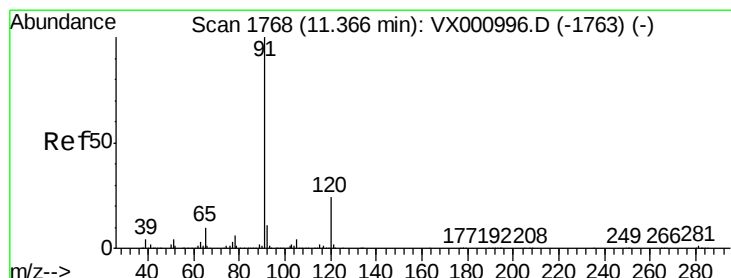
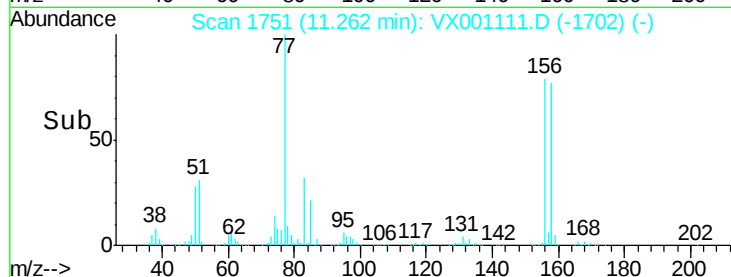
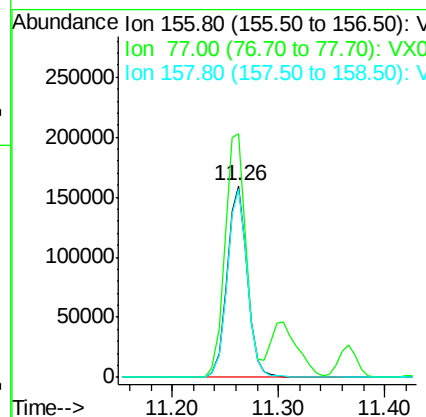
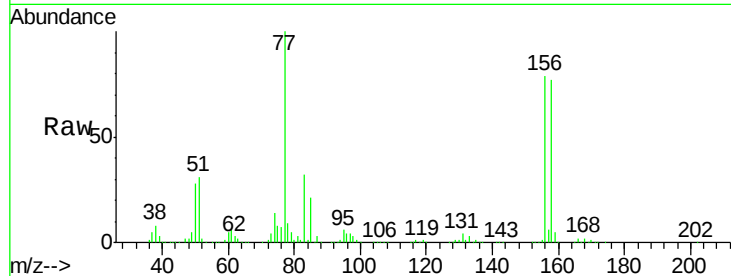
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.7	66.3	199.0
158	98.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.73 ug/l

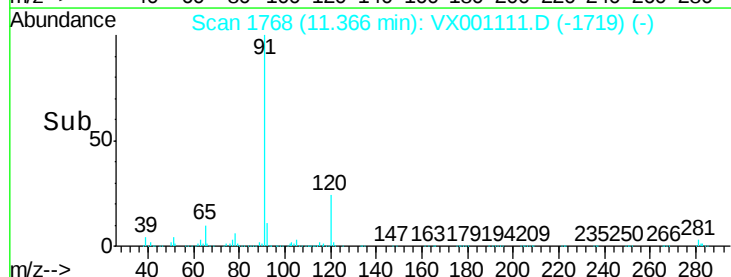
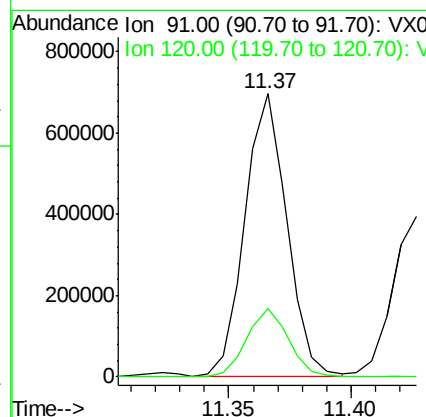
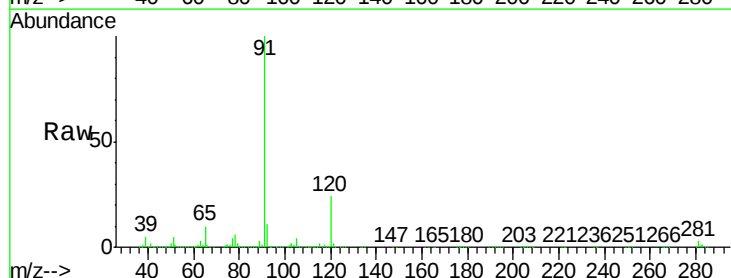
RT: 11.37 min Scan# 1768

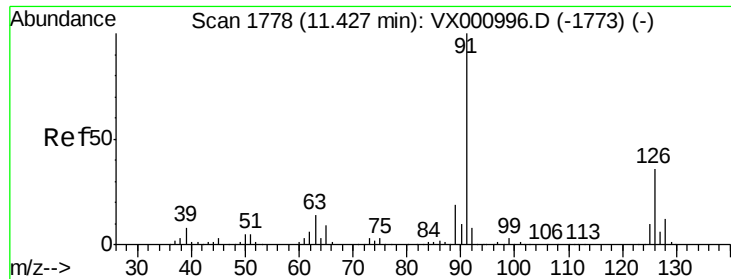
Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.0





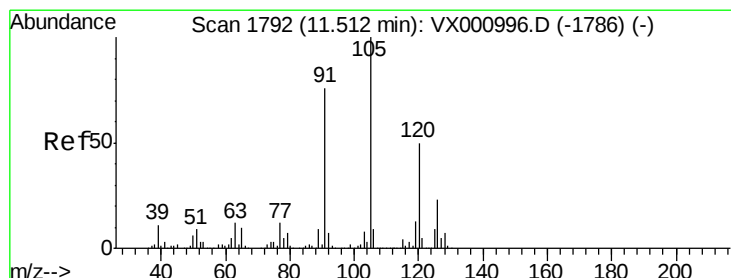
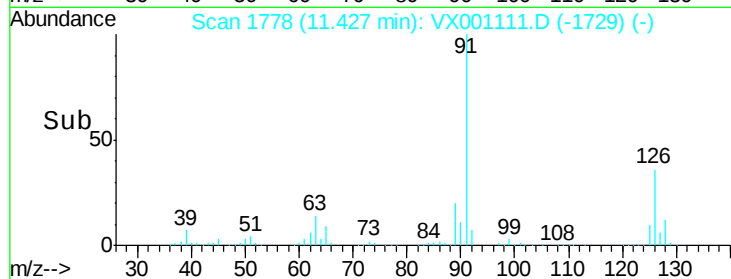
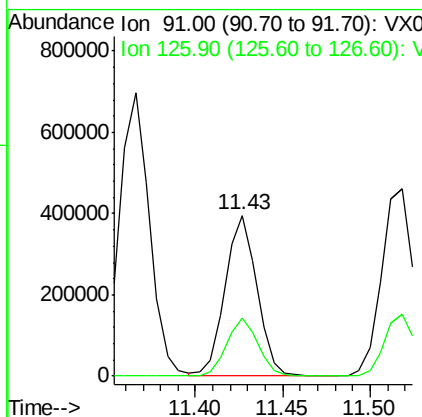
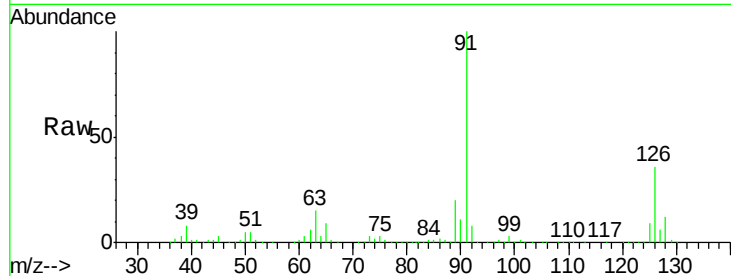
#79
 2-Chlorotoluene
 Concen: 49.48 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 495611
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.3 54.9

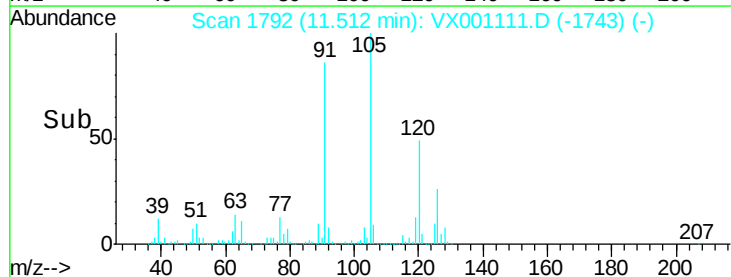
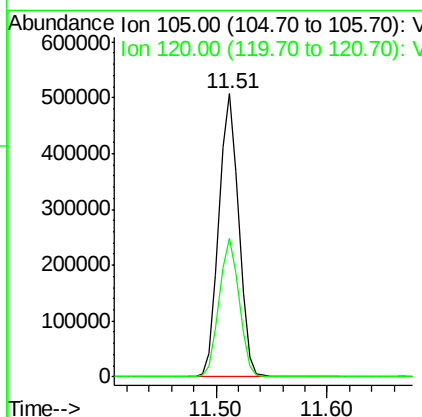
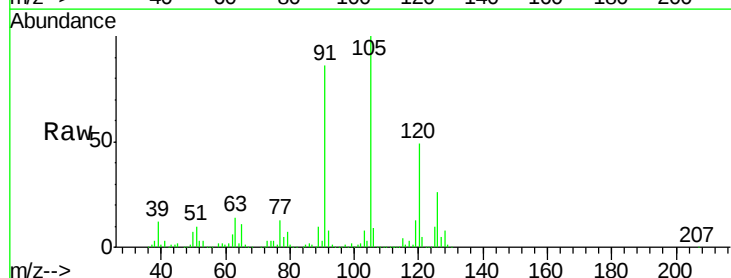
Manual Integrations
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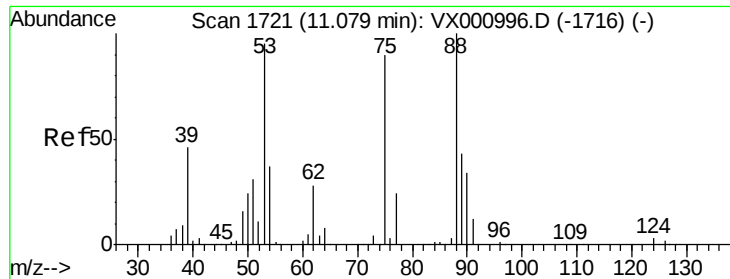
Sohil
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion: 105 Resp: 626869
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 51915

Ion Ratio Lower Upper

75 100

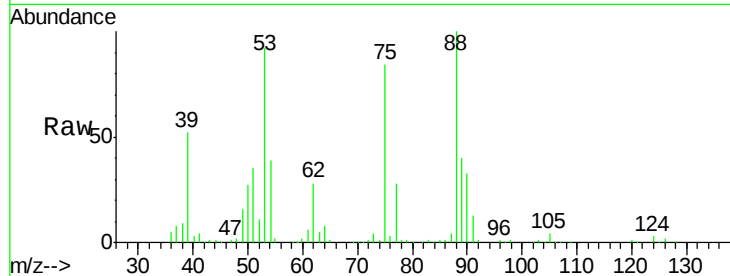
53 109.4 83.4 125.2

89 47.4 39.7 59.5

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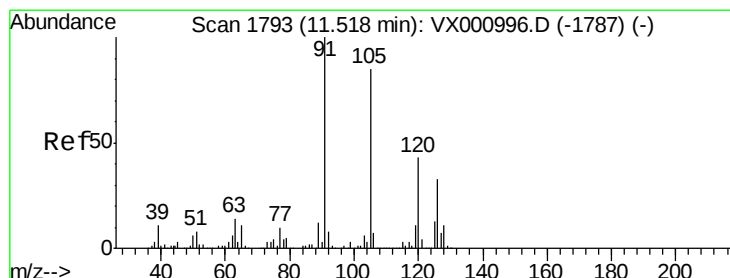
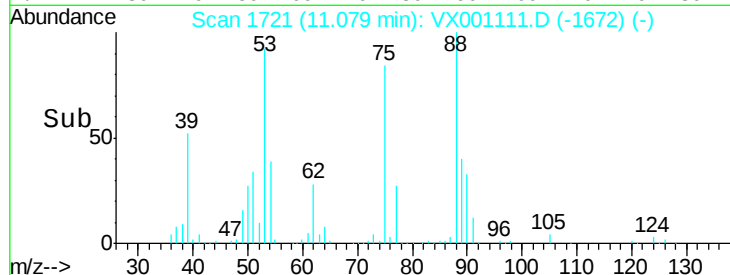
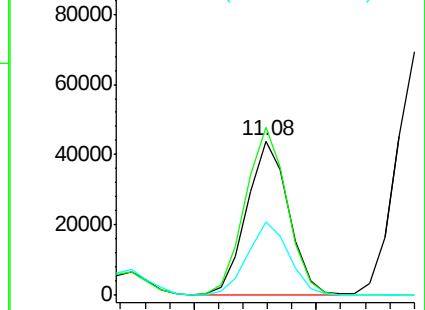
4/26/2018 4:06:38 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.02 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001111.D

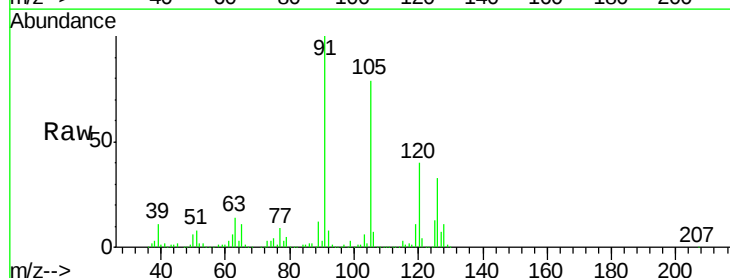
Acq: 25 Apr 2018 06:49

Tgt Ion: 91 Resp: 593272

Ion Ratio Lower Upper

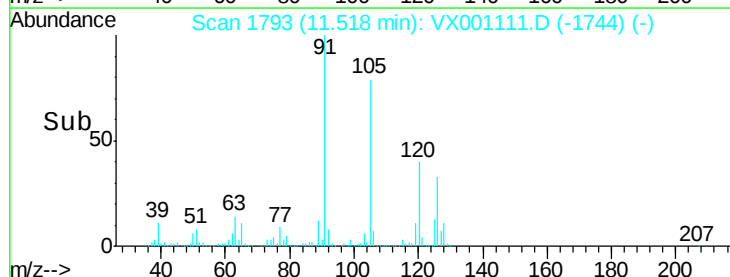
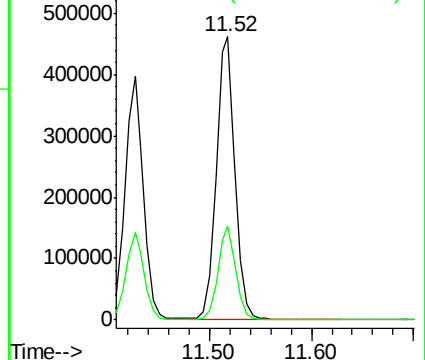
91 100

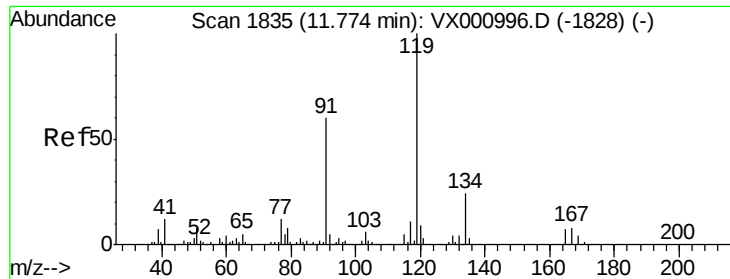
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





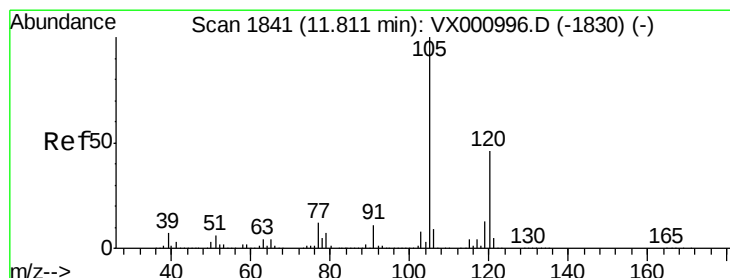
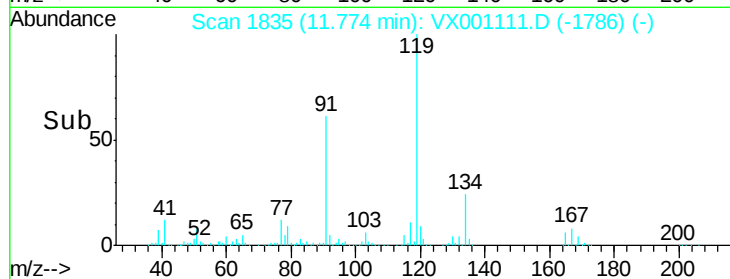
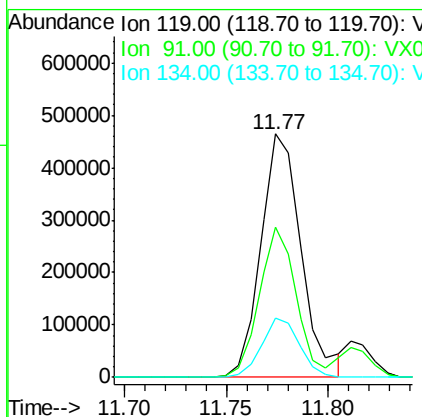
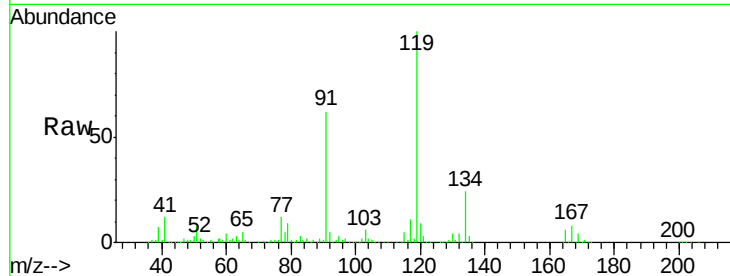
#83
 tert-Butylbenzene
 Concen: 50.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.0	81.0
134	23.0	11.6	34.7

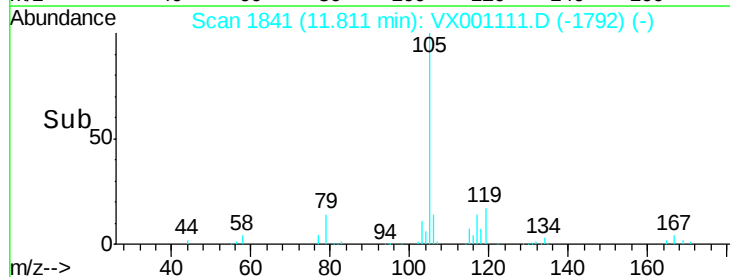
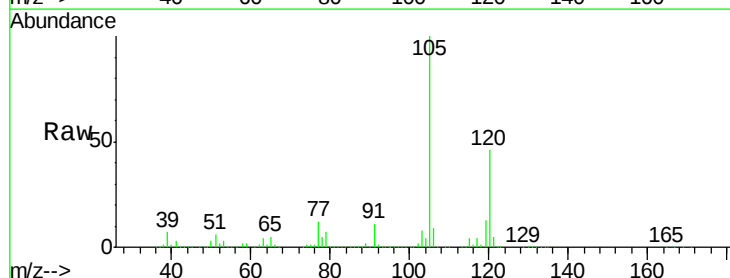
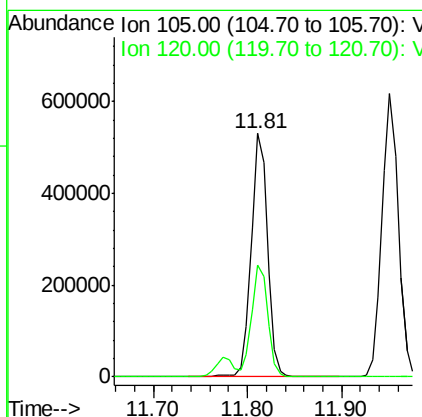
Manual Integrations
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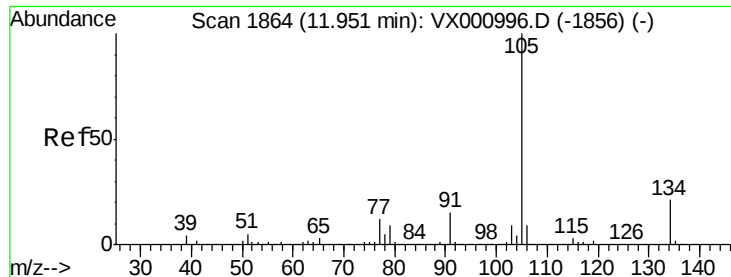
Sohil
 4/26/2018 4:06:38 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0





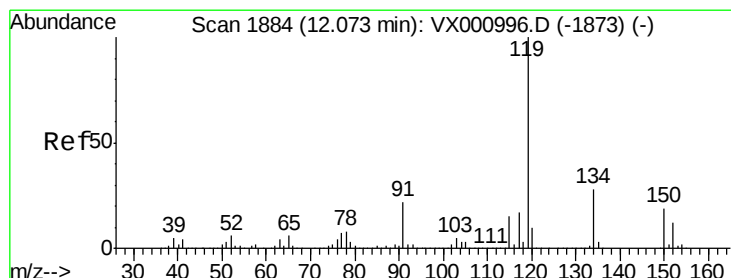
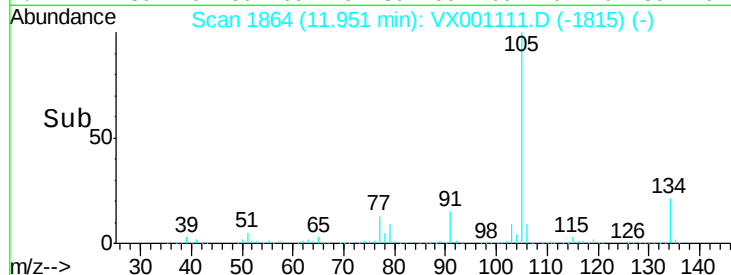
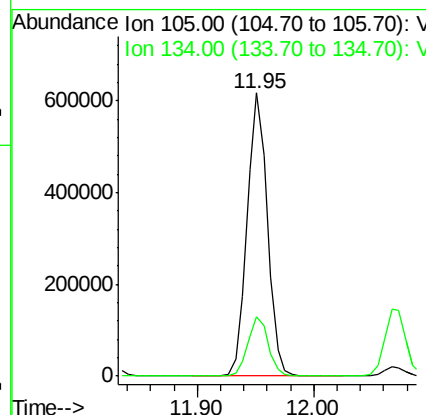
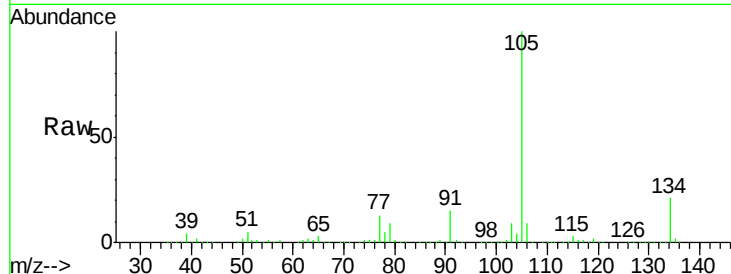
#85
 sec-Butylbenzene
 Concen: 49.98 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion:105 Resp: 753296
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6

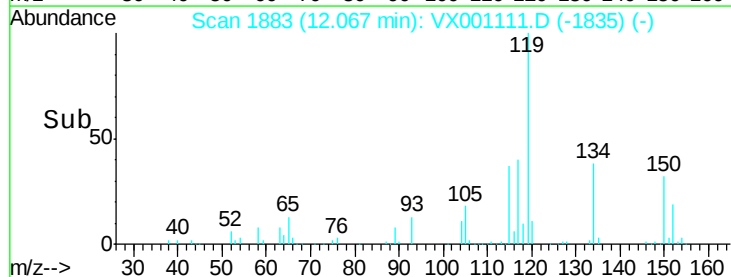
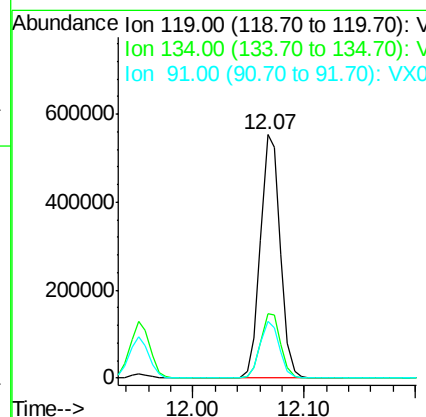
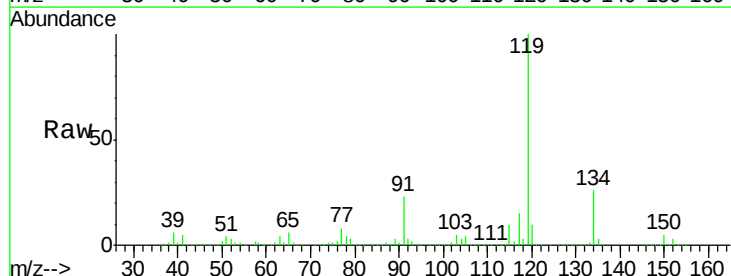
Manual Integrations
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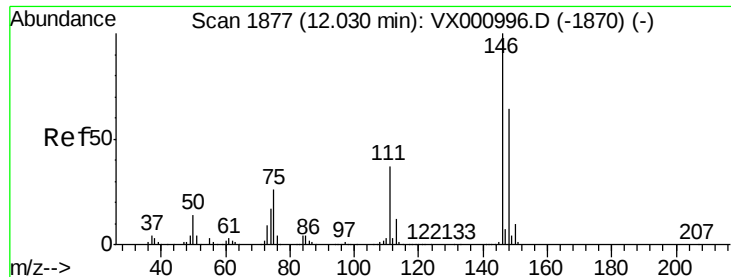
Sohil
 4/26/2018 4:06:38 AM



#86
 p-Isopropyltoluene
 Concen: 49.33 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion:119 Resp: 687856
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.08 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

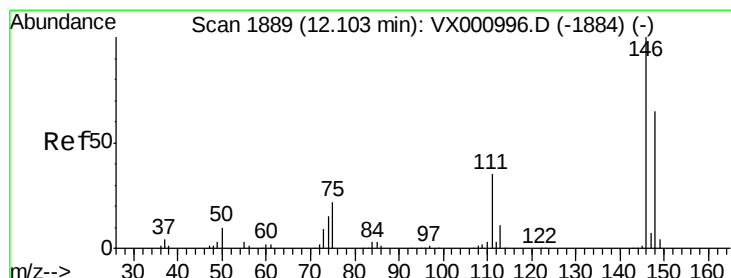
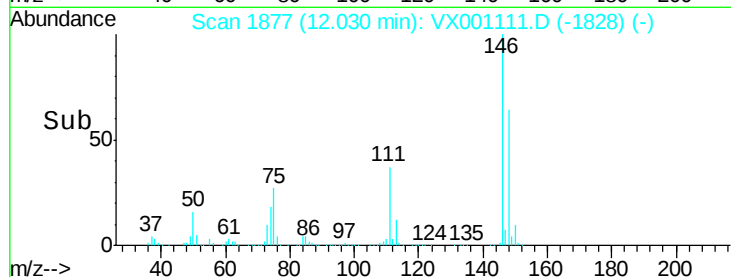
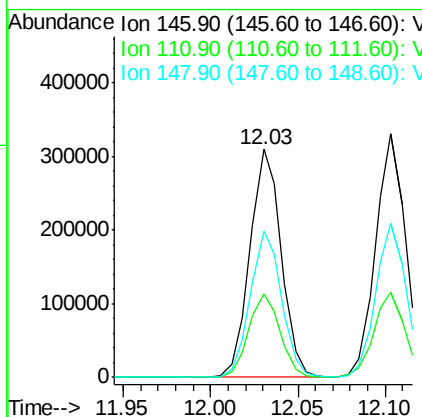
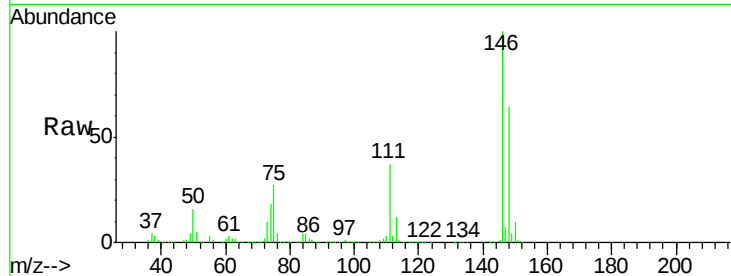
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	385789
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.3	54.8
148	63.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.70 ug/l

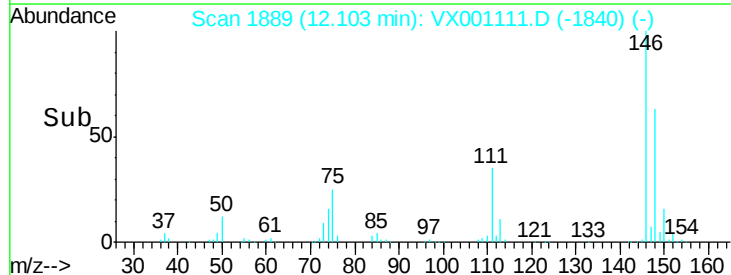
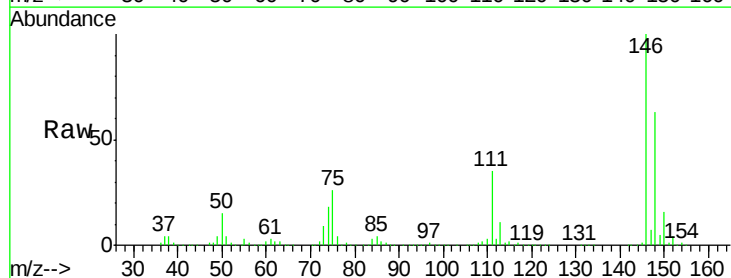
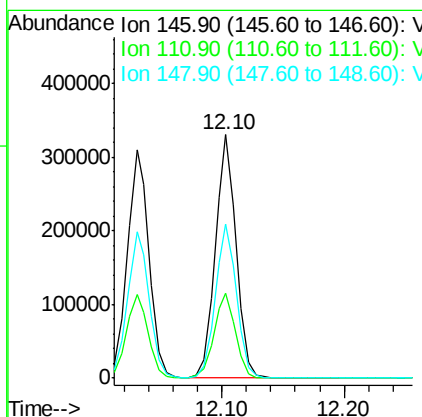
RT: 12.10 min Scan# 1889

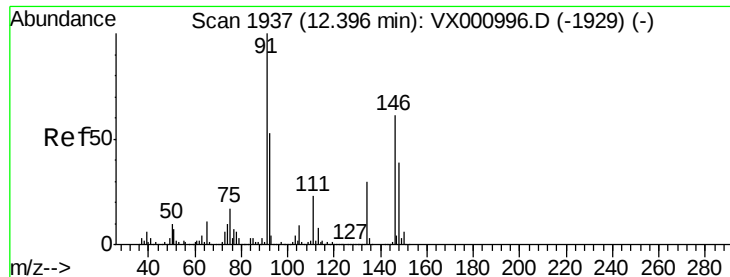
Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	146	Resp:	392848
Ion Ratio	Lower	Upper	
146	100		
111	36.1	18.0	54.0
148	64.4	32.4	97.0





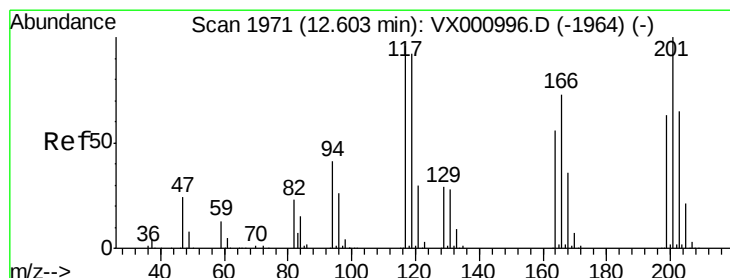
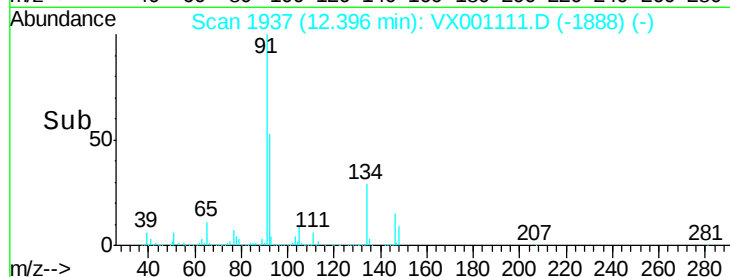
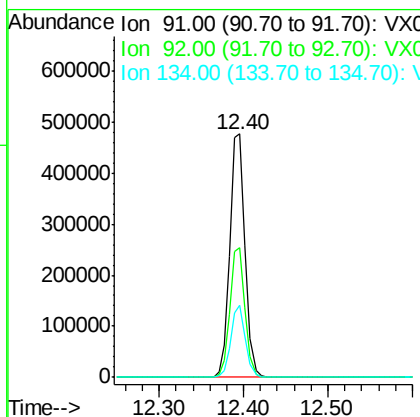
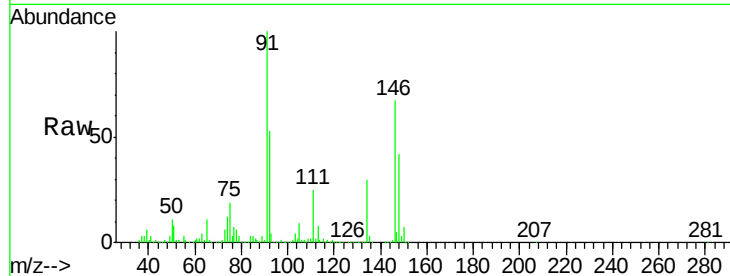
#89
n-Butylbenzene
Concen: 47.51 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		589405		
92	52.7	26.3		78.9	
134	28.3	14.4		43.0	

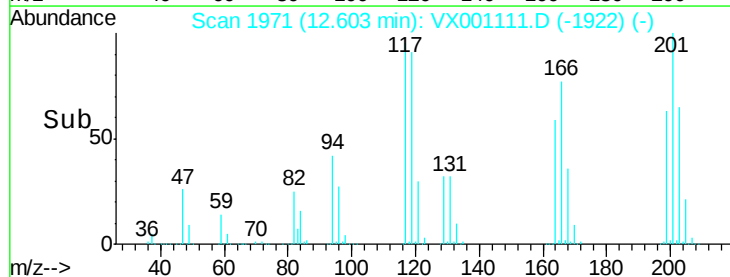
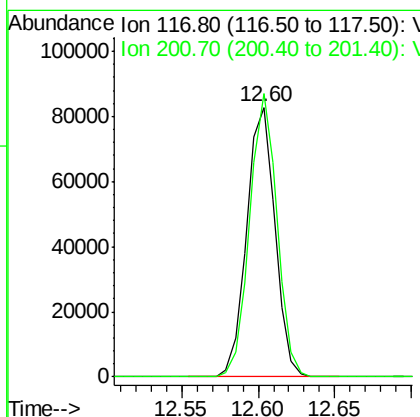
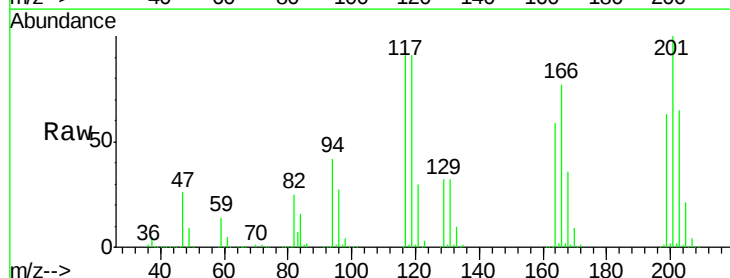
Manual Integrations
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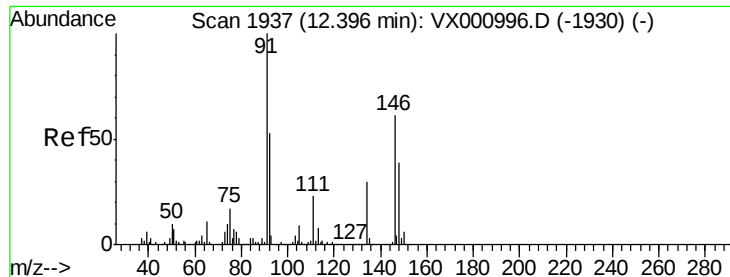
Sohil
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#90
Hexachloroethane
Concen: 53.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001111.D
Acq: 25 Apr 2018 06:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		106189		
201	101.6	52.3		157.1	





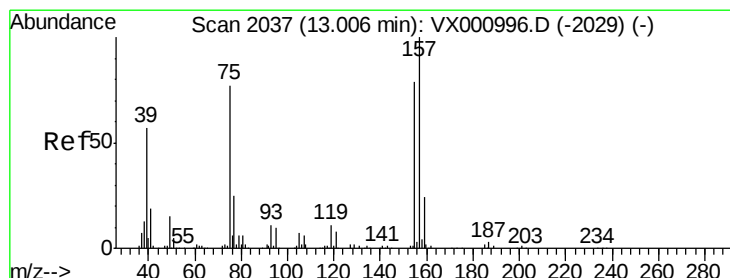
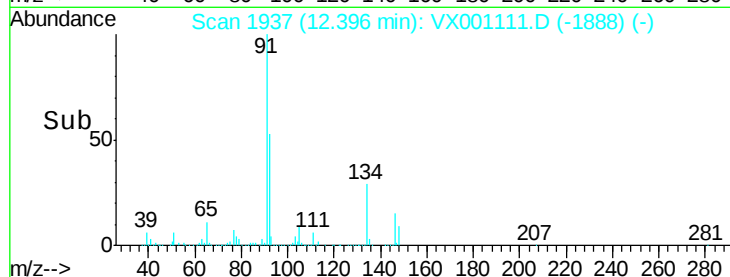
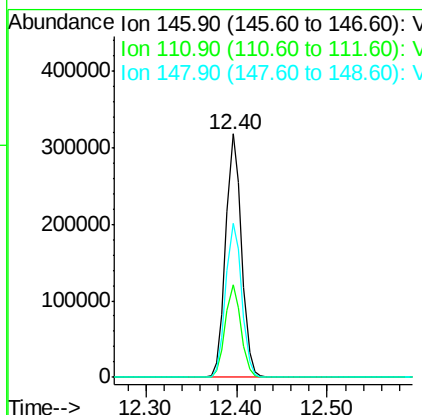
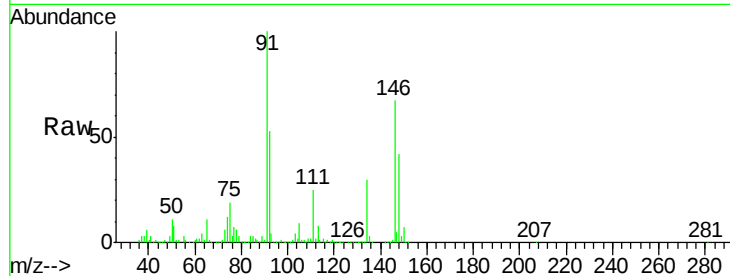
#91
 1,2-Dichlorobenzene
 Concen: 49.56 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	64.3	32.3	96.8

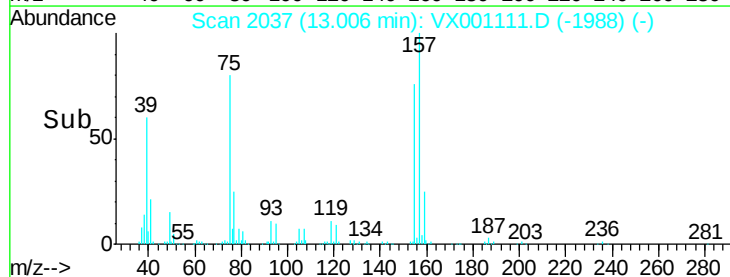
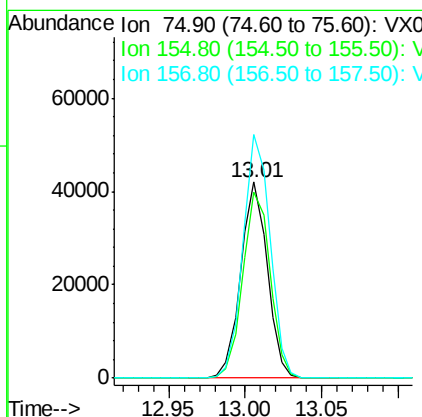
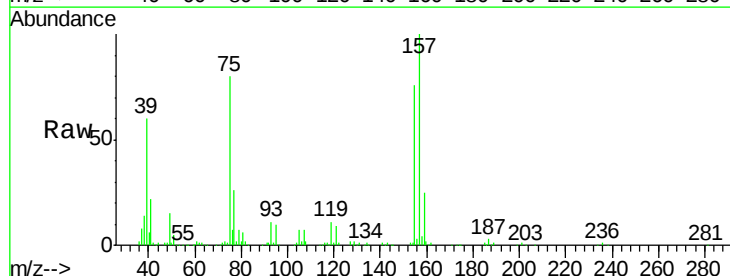
Manual Integrations
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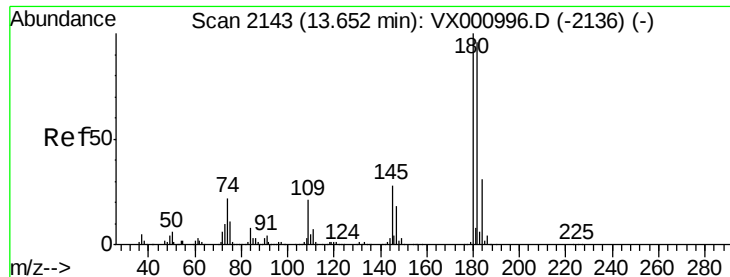
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	51.0	153.0
157	126.8	64.9	194.7





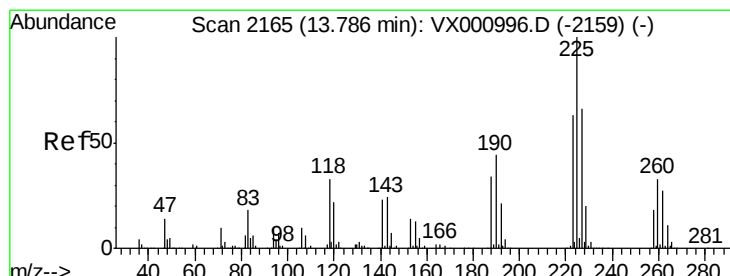
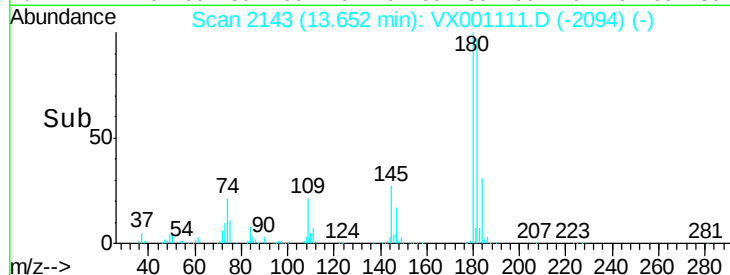
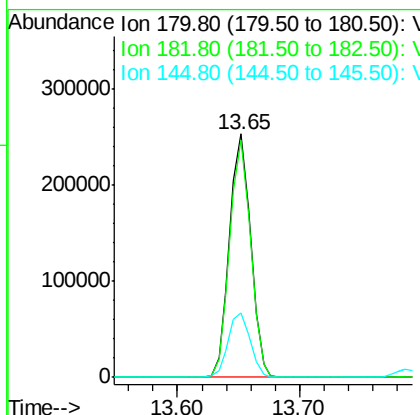
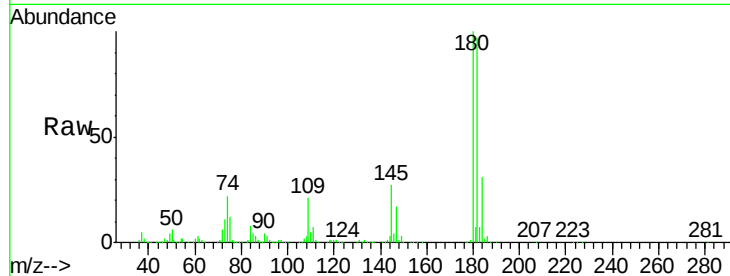
#93
 1,2,4-Trichlorobenzene
 Concen: 46.32 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	302091		
182	96.4	48.0	144.0	
145	27.6	13.9	41.7	

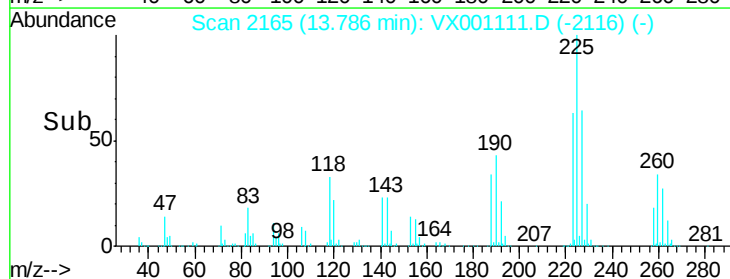
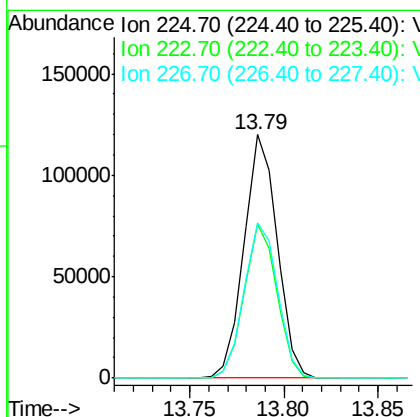
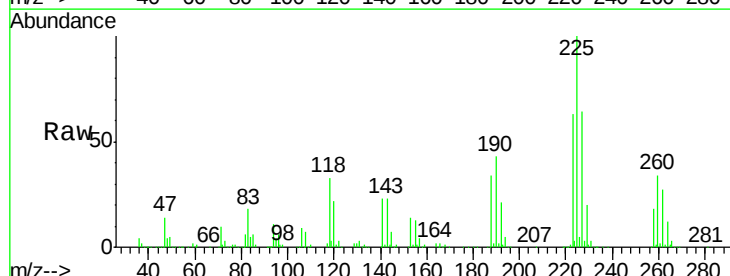
Manual Integrations
 APPROVED

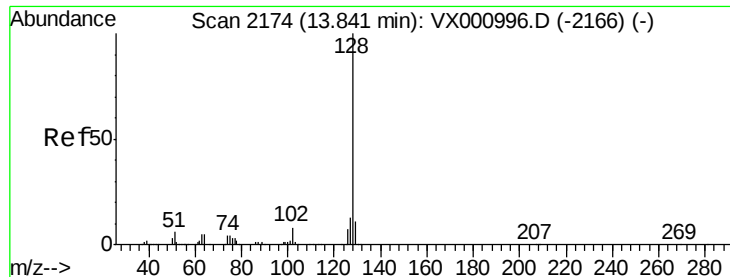
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#94
 Hexachlorobutadiene
 Concen: 49.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001111.D
 Acq: 25 Apr 2018 06:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	146604		
223	62.4	31.5	94.5	
227	64.7	32.6	97.8	





#95

Naphthalene

Concen: 52.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Instrument :

MSVOA_X

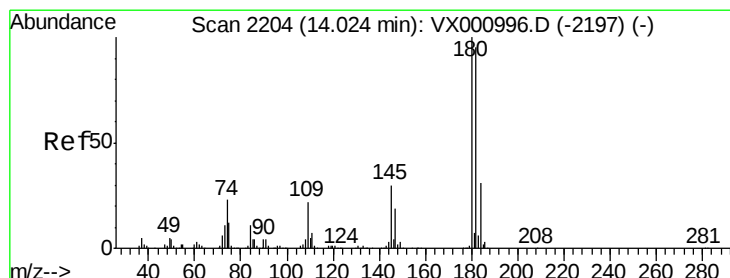
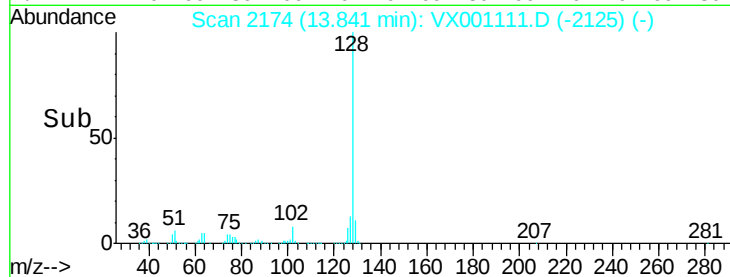
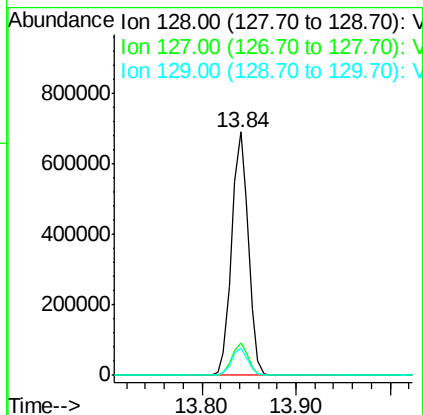
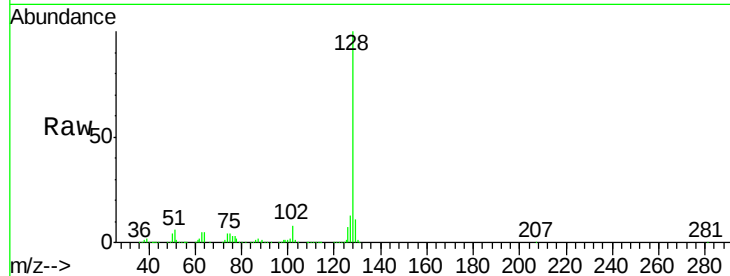
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	842555
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 48.64 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001111.D

Acq: 25 Apr 2018 06:49

Tgt Ion:	180	Resp:	306801
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.9	143.7
145	29.1	14.5	43.6

