

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000455.D
 Acq On : 26 Mar 2018 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 3/27/2018 5:24:18 PM

Quant Time: Mar 27 07:19:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	135976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	88211	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.51	113	71168	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.73	98	285939	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.15	95	110845	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	72846	48.61	ug/l	97
3) Chloromethane	1.32	50	65660	41.59	ug/l	96
4) Vinyl Chloride	1.40	62	90403	54.19	ug/l	96
5) Bromomethane	1.64	94	99966	50.05	ug/l	96
6) Chloroethane	1.72	64	60755	59.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	160283	53.23	ug/l	99
8) Diethyl Ether	2.19	74	58337	54.22	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87990	52.41	ug/l	99
10) Methyl Iodide	2.52	142	58682	36.53	ug/l	99
11) Tert butyl alcohol	3.08	59	151071	247.44	ug/l	100
12) 1,1-Dichloroethene	2.38	96	81858	55.54	ug/l	98
13) Acrolein	2.30	56	44890	231.42	ug/l	97
14) Allyl chloride	2.73	41	146615	56.34	ug/l	99
15) Acrylonitrile	3.16	53	318767	257.78	ug/l	99
16) Acetone	2.45	43	326879	221.38	ug/l	98
17) Carbon Disulfide	2.57	76	226203	57.69	ug/l	99
18) Methyl Acetate	2.78	43	157902	51.01	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286858	52.63	ug/l	99
20) Methylene Chloride	2.86	84	89678	52.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	87844	53.43	ug/l	96
22) Diisopropyl ether	3.88	45	219945	47.74	ug/l	99
23) Vinyl Acetate	3.84	43	1063103	243.40	ug/l	99
24) 1,1-Dichloroethane	3.70	63	155135	53.55	ug/l	99
25) 2-Butanone	4.72	43	388204	233.91	ug/l	98
26) 2,2-Dichloropropane	4.60	77	99235	48.88	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	78073	50.81	ug/l	98
28) Bromochloromethane	5.04	49	55565	46.52	ug/l	98
29) Tetrahydrofuran	5.18	42	249920	244.75	ug/l	99
30) Chloroform	5.23	83	141608	52.16	ug/l	98
31) Cyclohexane	5.59	56	112704	50.33	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	125167	51.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	103967	49.73	ug/l	99
37) Ethyl Acetate	4.87	43	137240	48.06	ug/l	100
38) Carbon Tetrachloride	5.79	117	111016	50.62	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	129649	50.99	ug/l	98
40) Benzene	6.15	78	310560	51.15	ug/l	100
41) Methacrylonitrile	5.07	41	72251	47.99	ug/l	98
42) 1,2-Dichloroethane	6.21	62	121219	50.89	ug/l	100
43) Isopropyl Acetate	6.48	43	218966	51.51	ug/l	99
44) Trichloroethene	7.22	130	84841	48.78	ug/l	97
45) 1,2-Dichloropropane	7.52	63	81429	52.40	ug/l	99
46) Dibromomethane	7.67	93	62639	51.35	ug/l	98
47) Bromodichloromethane	7.91	83	115970	54.04	ug/l	99
48) Methyl methacrylate	7.79	41	107157	51.93	ug/l	98
49) 1,4-Dioxane	7.77	88	41757	962.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	853300	259.34	ug/l	99
52) Toluene	8.79	92	219049	51.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	133050	53.50	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	133654	55.41	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	90060	51.60	ug/l	98
56) Ethyl methacrylate	9.19	69	141744	53.59	ug/l	100
57) 1,3-Dichloropropane	9.38	76	151260	54.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	310531	244.64	ug/l	97
59) 2-Hexanone	9.51	43	705695	252.60	ug/l	99
60) Dibromochloromethane	9.59	129	97668	47.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	97692	52.19	ug/l	100
64) Tetrachloroethene	9.34	164	82371	45.27	ug/l	96
65) Chlorobenzene	10.15	112	249170	47.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	89860	50.70	ug/l	98
67) Ethyl Benzene	10.26	91	436701	49.36	ug/l	98
68) m/p-Xylenes	10.37	106	351673	101.02	ug/l	97
69) o-Xylene	10.71	106	166132	49.29	ug/l	99
70) Styrene	10.72	104	285224	51.14	ug/l	98
71) Bromoform	10.87	173	77754	42.85	ug/l #	96
73) Isopropylbenzene	11.02	105	459181	46.80	ug/l	100
74) N-amyl acetate	6.48	43	218966	51.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165303	47.63	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	145228m	45.63	ug/l	
77) Bromobenzene	11.26	156	116423	44.54	ug/l	100
78) n-propylbenzene	11.37	91	535899	45.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	310924	46.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	404292	49.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	46367	47.17	ug/l	95
82) 4-Chlorotoluene	11.52	91	384395	47.63	ug/l	99
83) tert-Butylbenzene	11.78	119	395231	47.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	421231	48.70	ug/l	100
85) sec-Butylbenzene	11.95	105	498479	48.42	ug/l	99
86) p-Isopropyltoluene	12.07	119	459535	50.26	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	228091	46.15	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241963	46.63	ug/l	97
89) n-Butylbenzene	12.40	91	425974	50.04	ug/l	99
90) Hexachloroethane	12.60	117	72320	50.25	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	236334	48.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45457	46.97	ug/l	97

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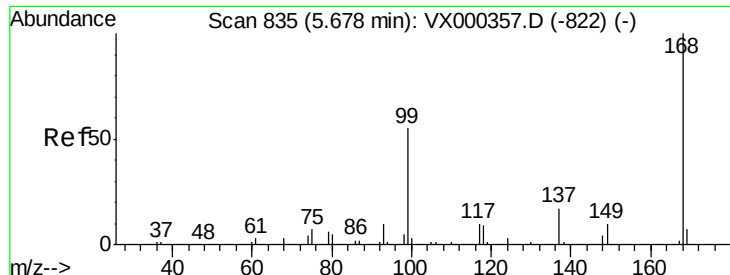
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157828	45.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	67864	47.19	ug/l	99
95) Naphthalene	13.84	128	589986	48.76	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	162819	47.44	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 135976

Ion Ratio Lower Upper

168 100

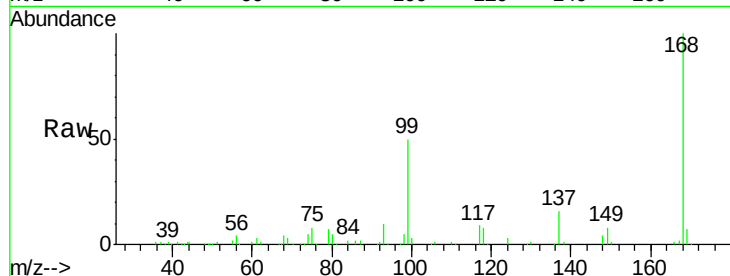
99 50.2 45.8 68.6

Manual Integrations

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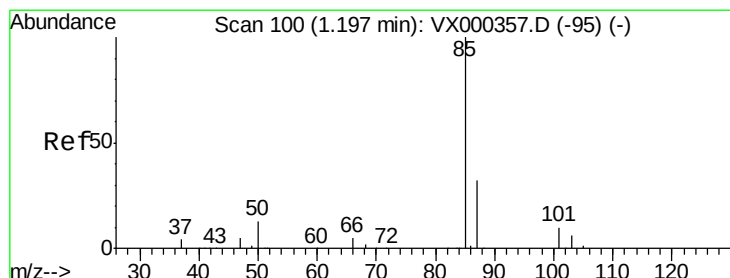
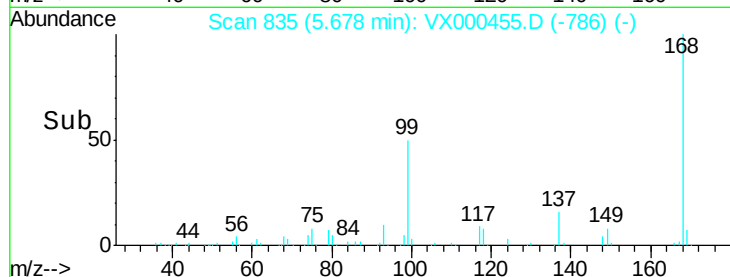
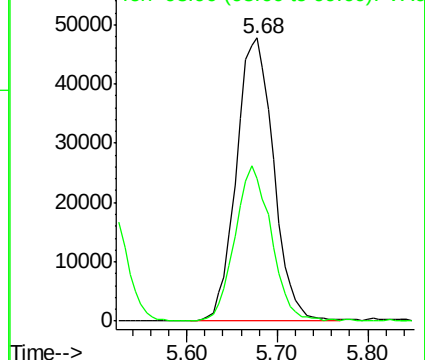
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000455.D

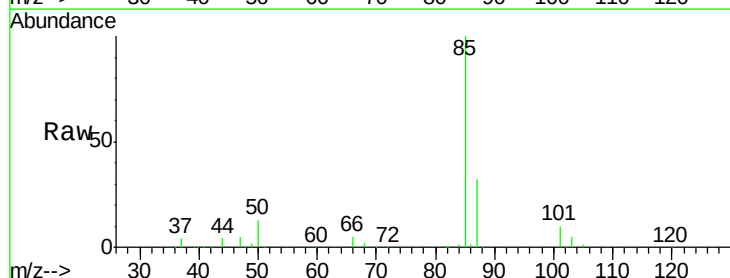
Acq: 26 Mar 2018 21:19

Tgt Ion: 85 Resp: 72846

Ion Ratio Lower Upper

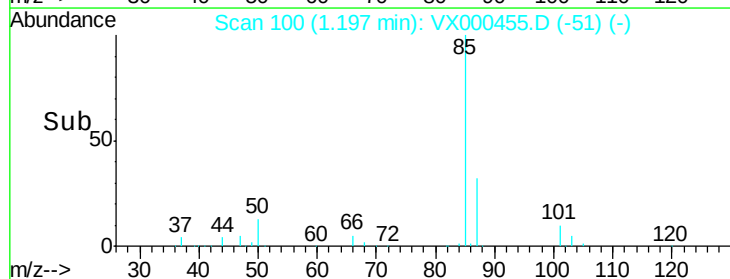
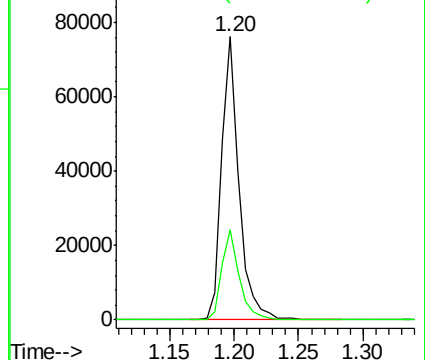
85 100

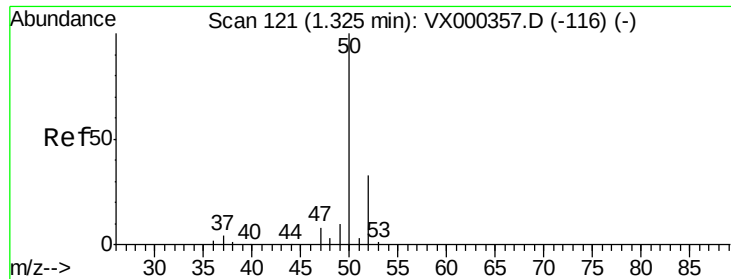
87 31.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 65660

Ion Ratio Lower Upper

50 100

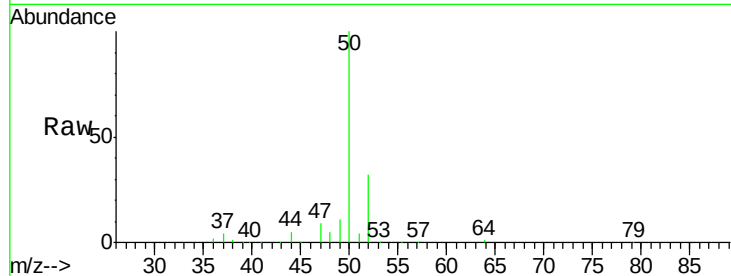
52 31.9 27.5 41.3

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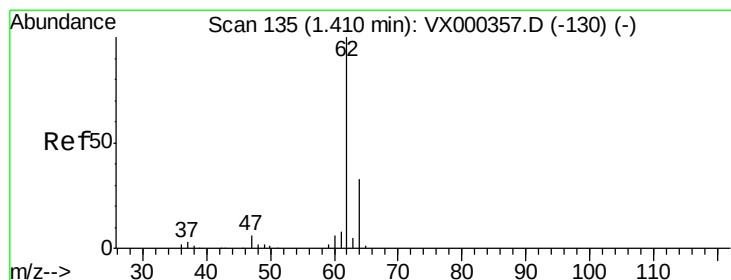
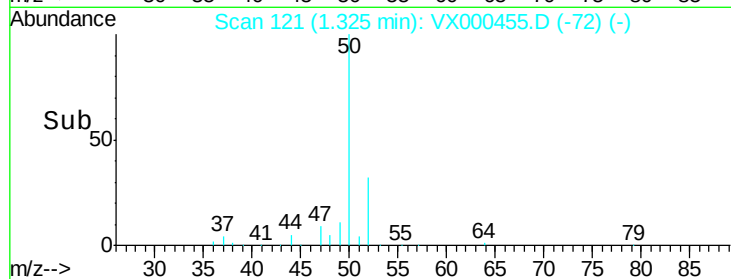
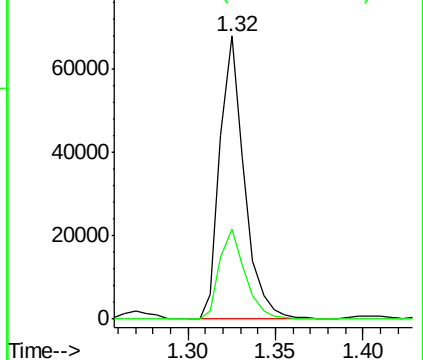
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000455.D

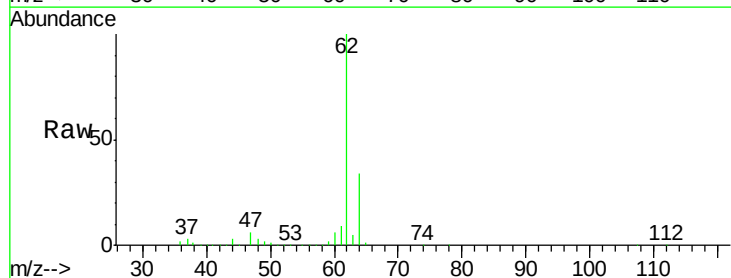
Acq: 26 Mar 2018 21:19

Tgt Ion: 62 Resp: 90403

Ion Ratio Lower Upper

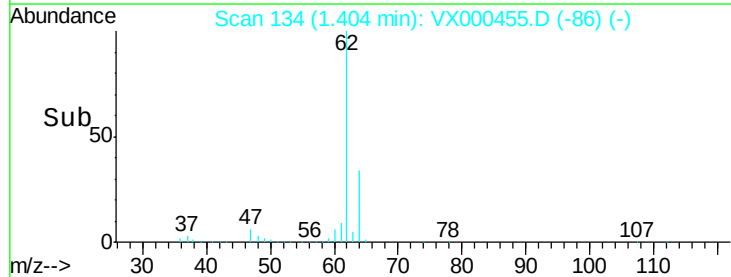
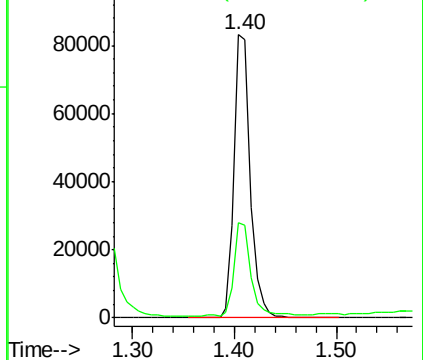
62 100

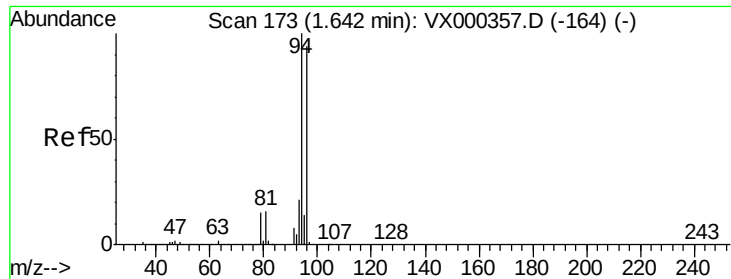
64 33.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.05 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 99966

Ion Ratio Lower Upper

94 100

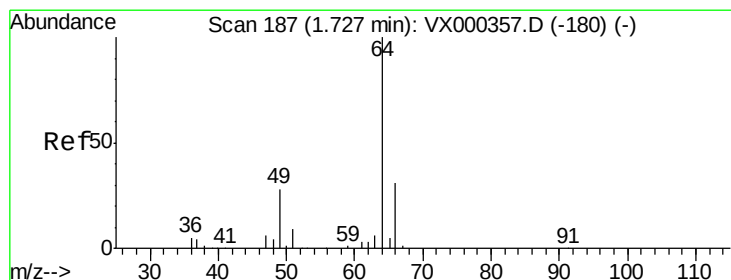
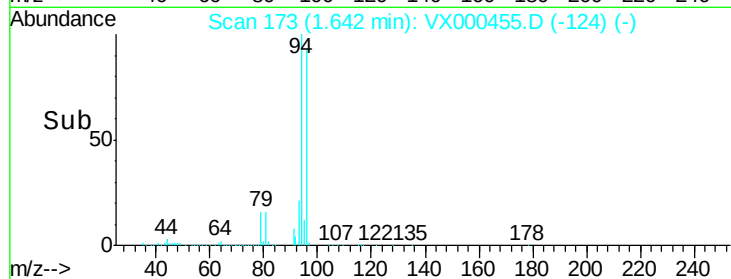
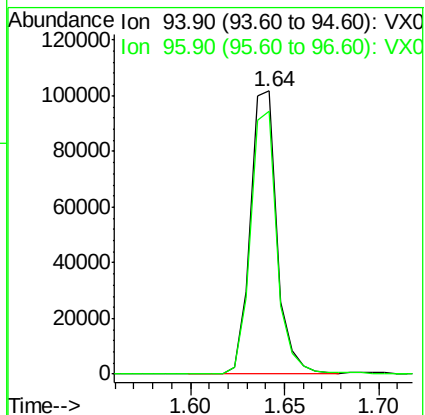
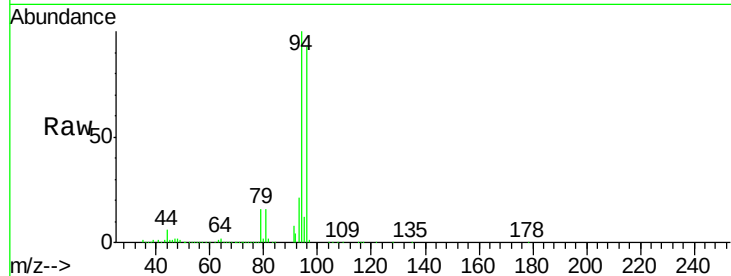
96 93.0 77.7 116.5

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#6

Chloroethane

Concen: 59.76 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000455.D

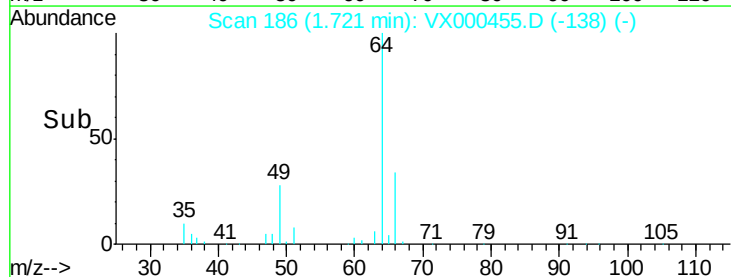
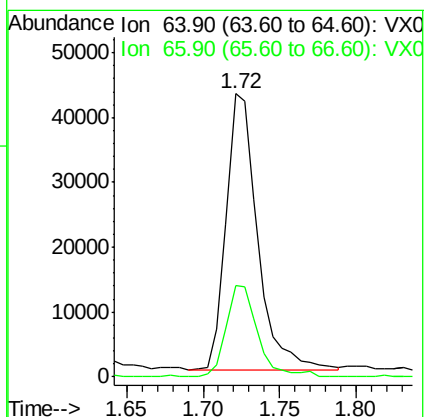
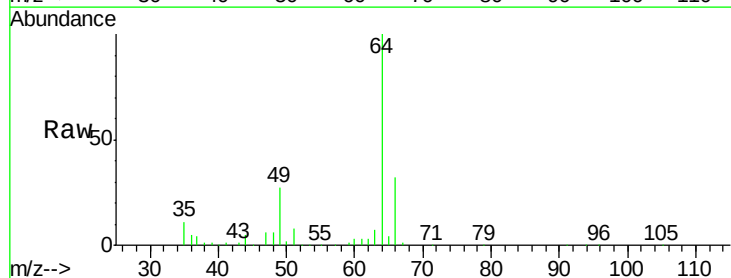
Acq: 26 Mar 2018 21:19

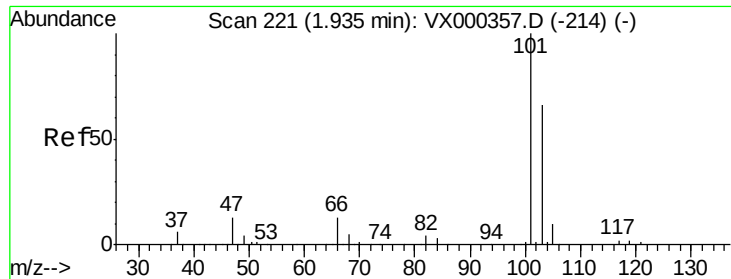
Tgt Ion: 64 Resp: 60755

Ion Ratio Lower Upper

64 100

66 32.7 24.8 37.2





#7

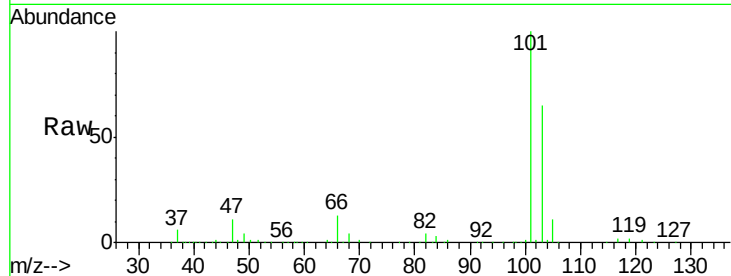
Trichlorofluoromethane
Concen: 53.23 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
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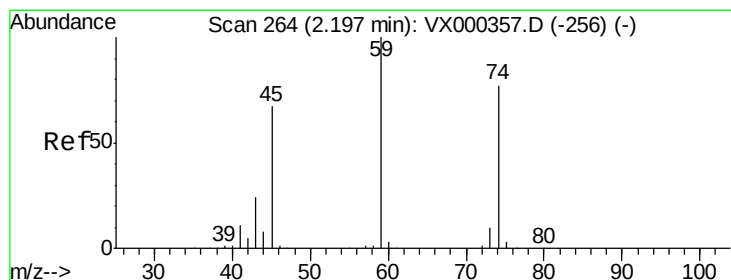
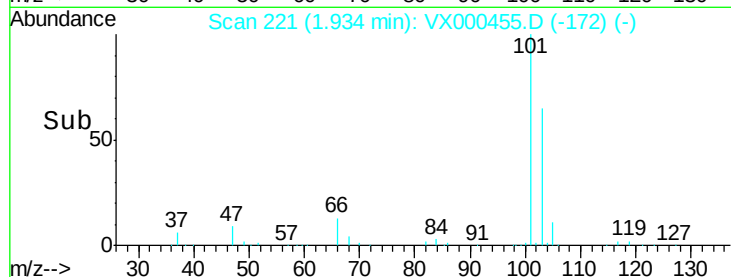
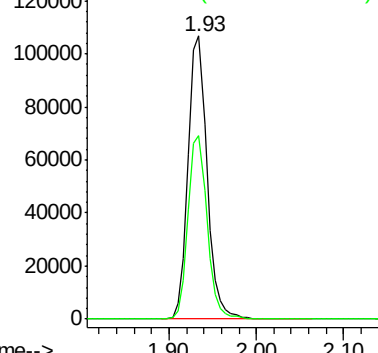
Tot Ion:101 Resp: 160283
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

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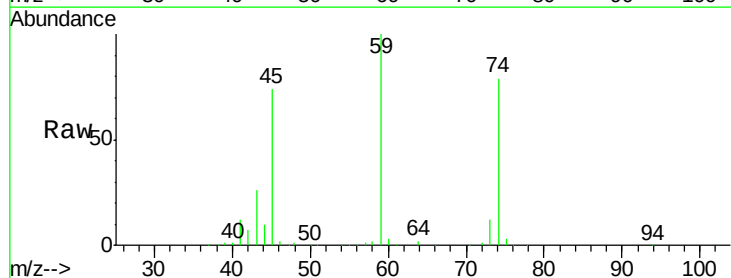
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



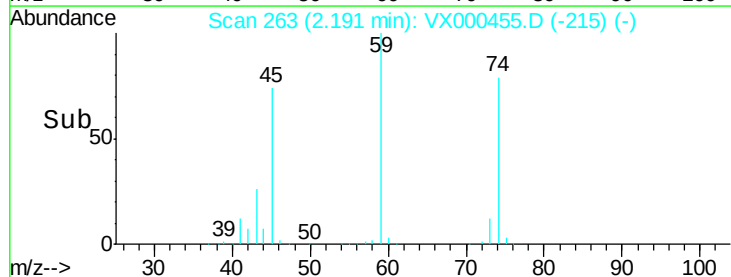
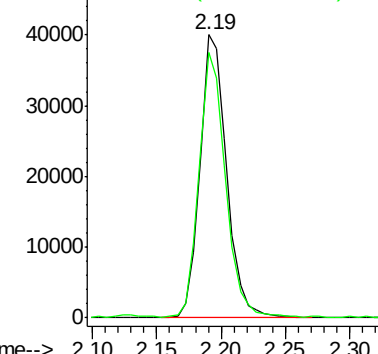
#8

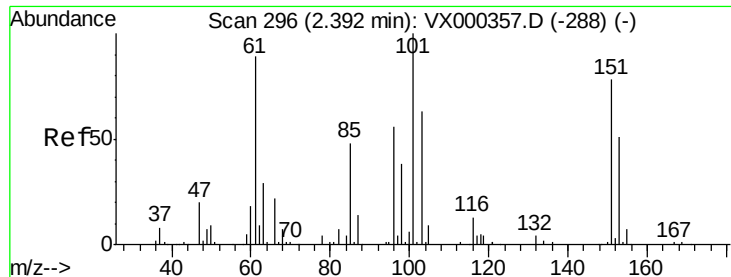
Diethyl Ether
Concen: 54.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion: 74 Resp: 58337
Ion Ratio Lower Upper
74 100
45 92.7 45.1 135.3



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: 52.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

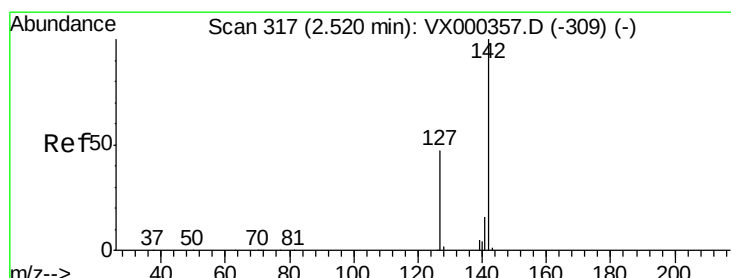
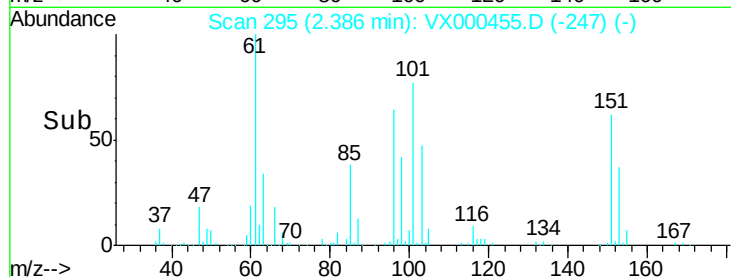
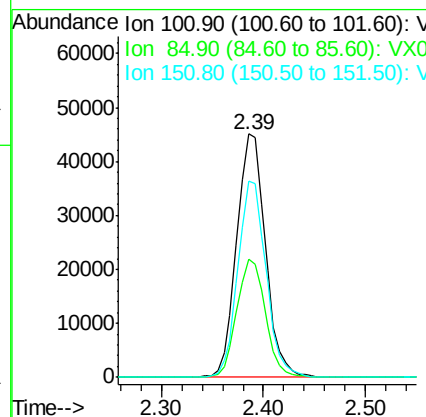
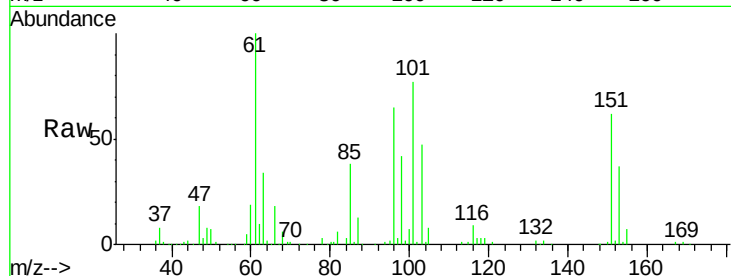
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	87990
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.6	56.4
151	79.0	62.6	93.8

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#10

Methyl Iodide

Concen: 36.53 ug/l

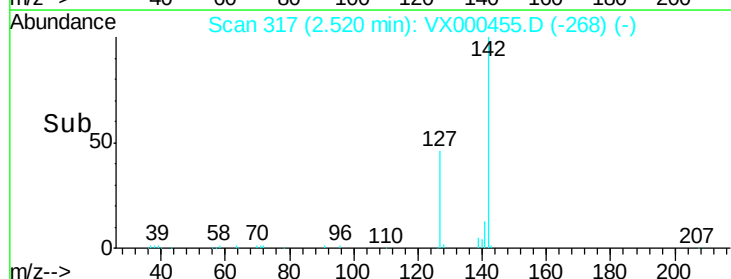
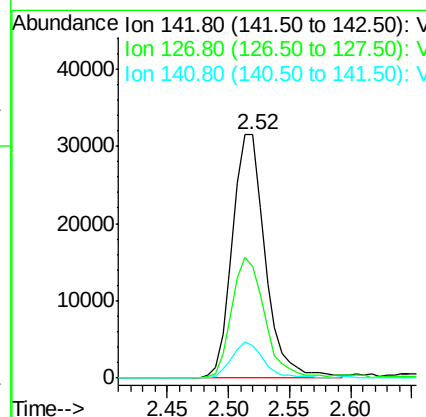
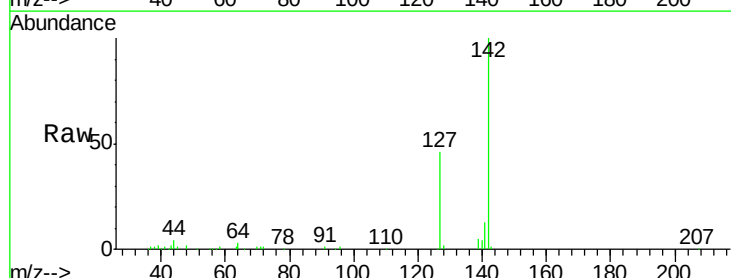
RT: 2.52 min Scan# 317

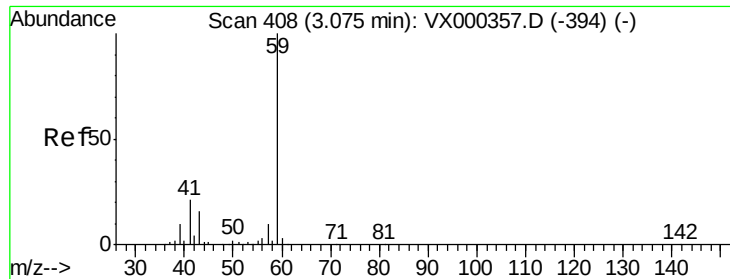
Delta R.T. 0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	142	Resp:	58682
Ion Ratio	Lower	Upper	
142	100		
127	49.9	39.2	58.8
141	14.5	11.7	17.5





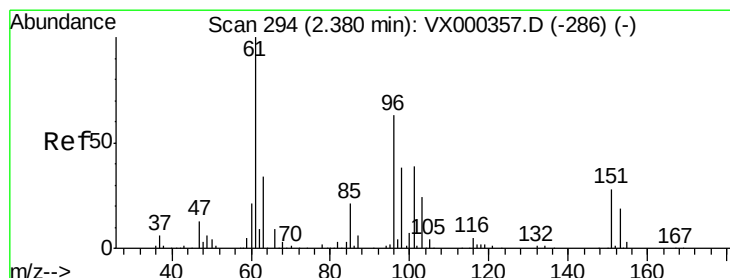
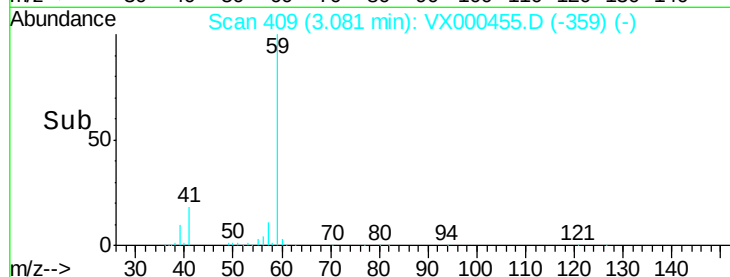
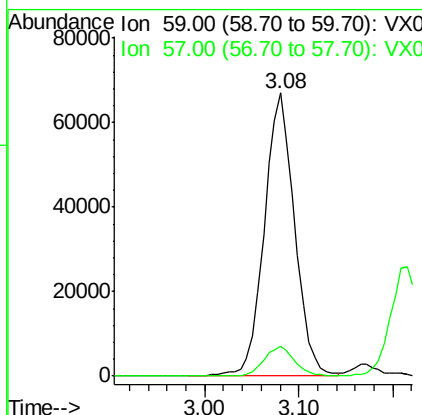
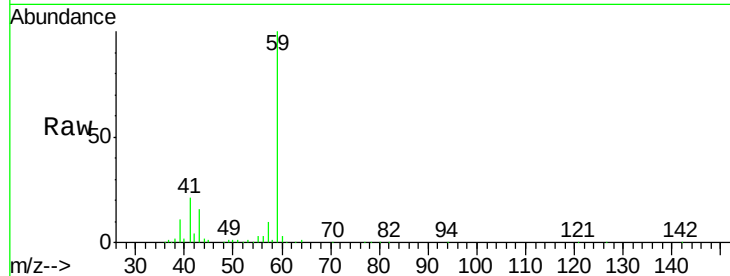
#11
Tert butyl alcohol
Concen: 247.44 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 151071
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

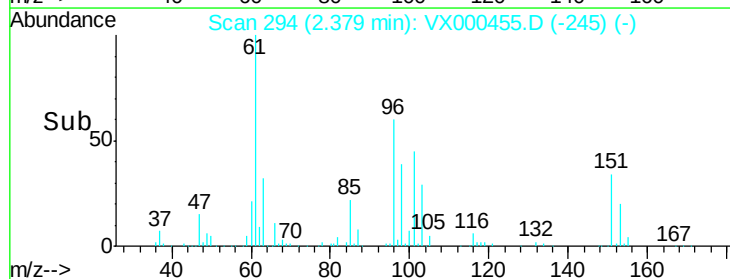
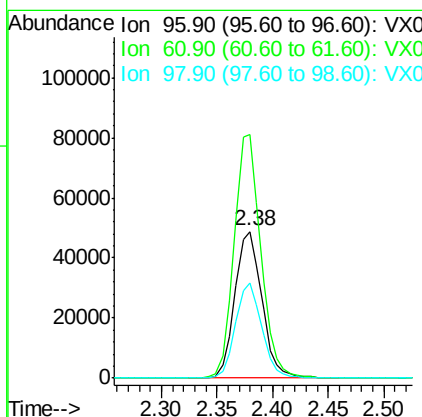
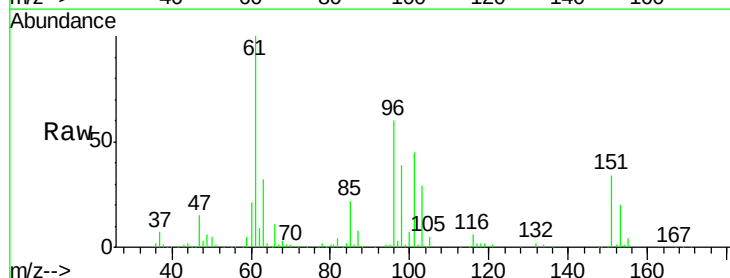
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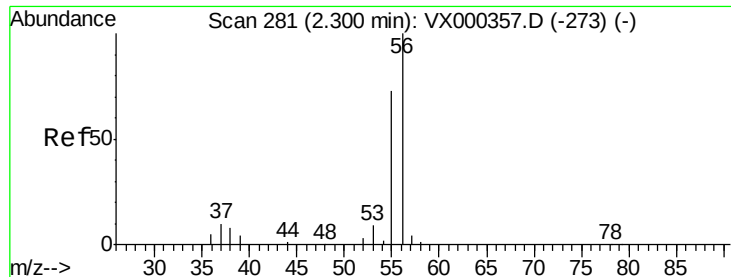
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#12
1,1-Dichloroethene
Concen: 55.54 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion: 96 Resp: 81858
Ion Ratio Lower Upper
96 100
61 166.0 131.2 196.8
98 64.5 49.8 74.8





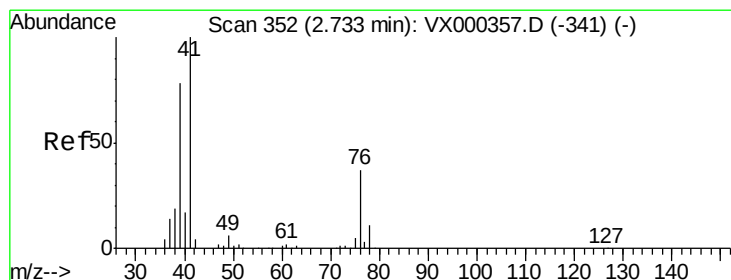
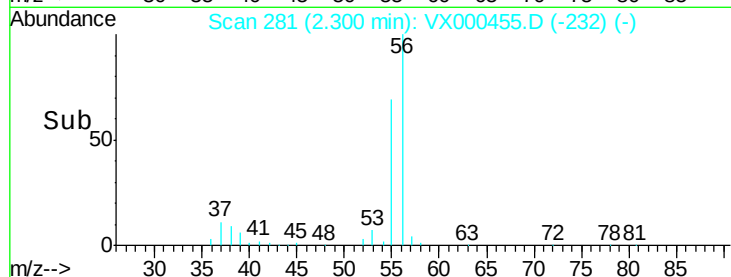
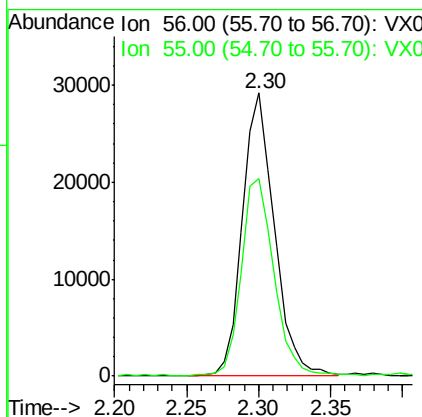
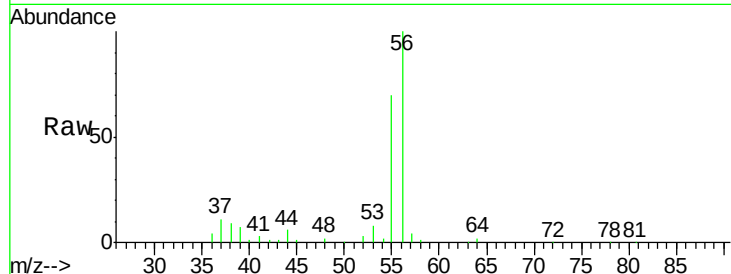
#13
Acrolein
Concen: 231.42 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	44890
Ion Ratio	100	Lower	Upper
55	71.2	58.8	88.2

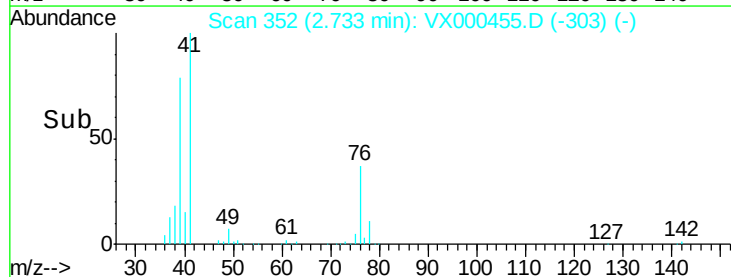
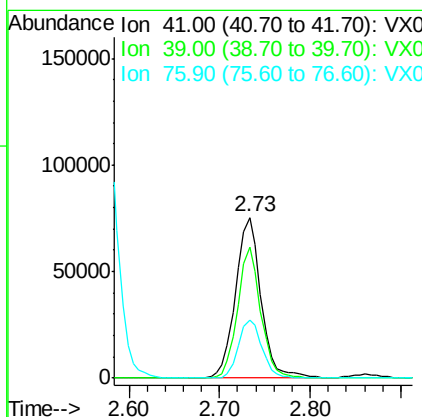
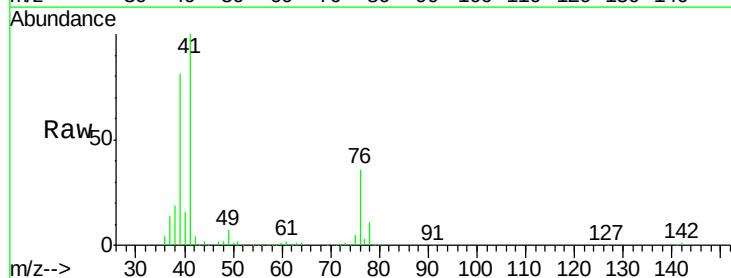
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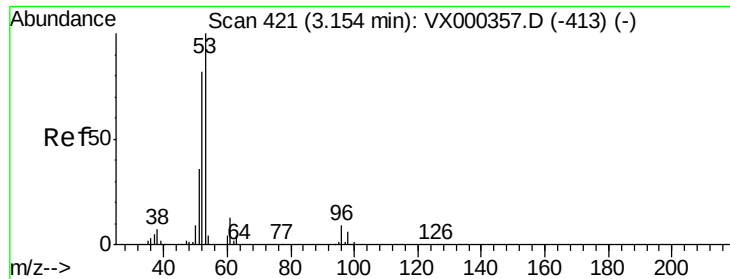
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#14
Allyl chloride
Concen: 56.34 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	41	Resp	146615
Ion Ratio	100	Lower	Upper
39	73.2	57.6	86.4
76	33.7	27.3	40.9





#15

Acrylonitrile

Concen: 257.78 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

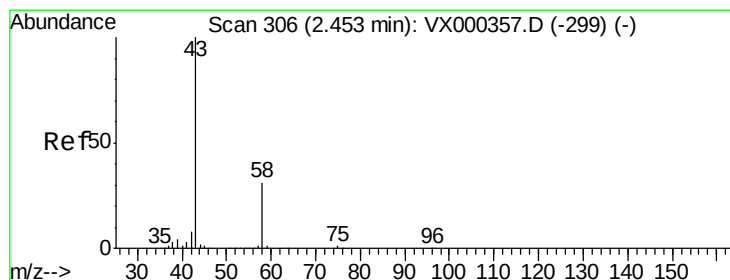
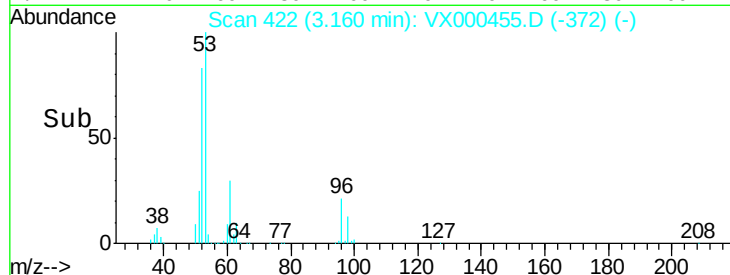
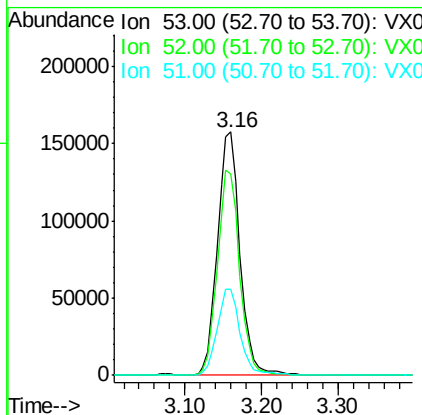
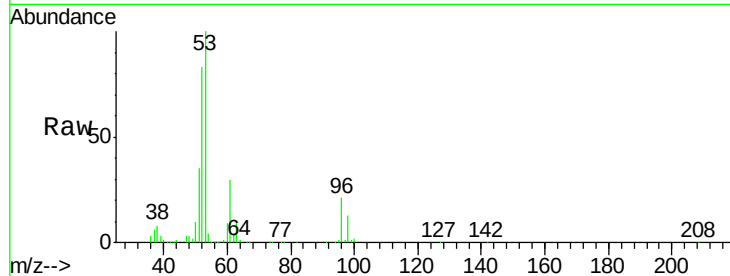
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	318767
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	99.8
51	36.3	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 221.38 ug/l

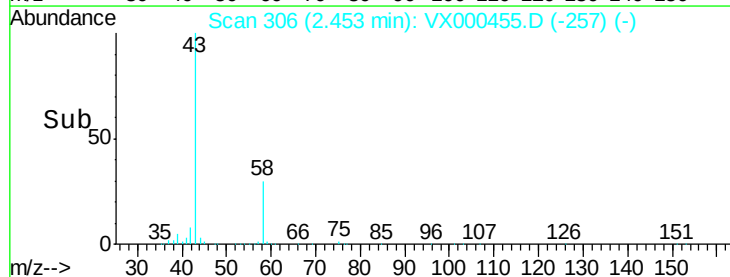
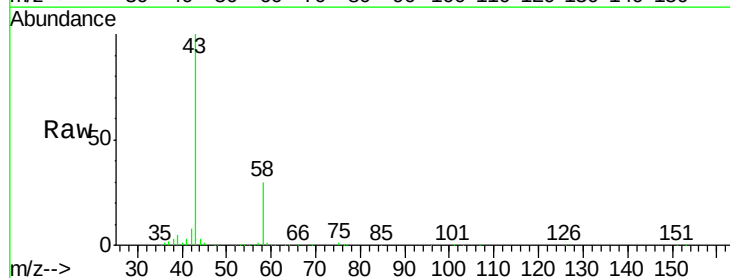
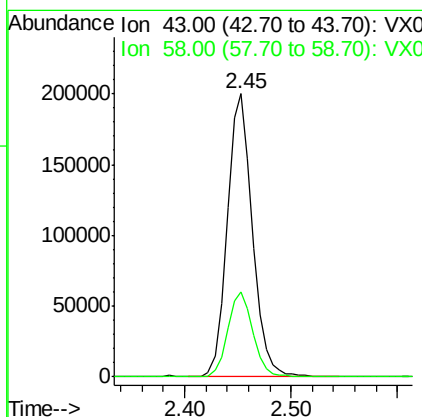
RT: 2.45 min Scan# 306

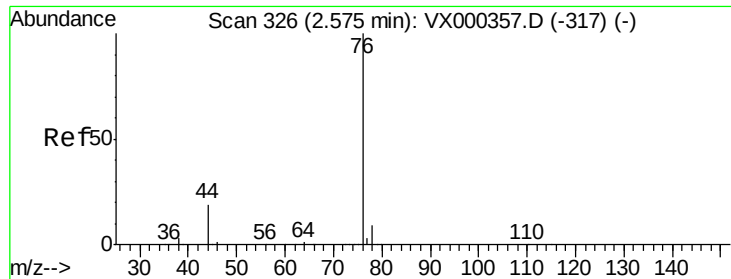
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	43	Resp:	326879
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.7	37.1





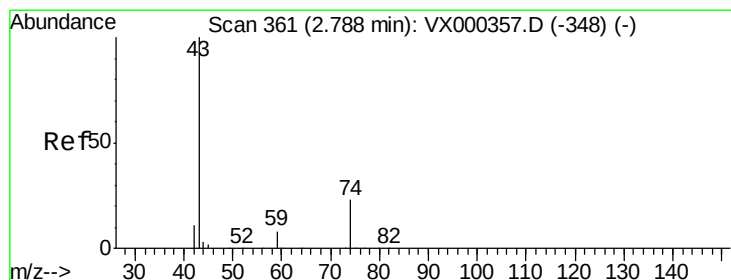
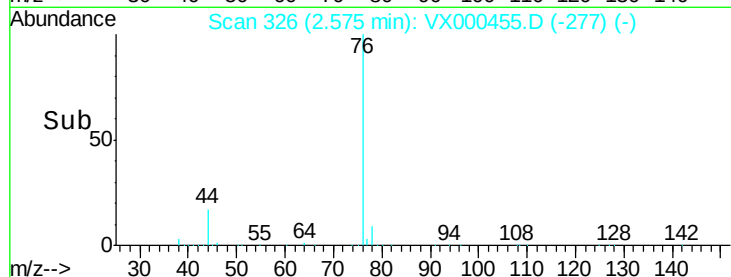
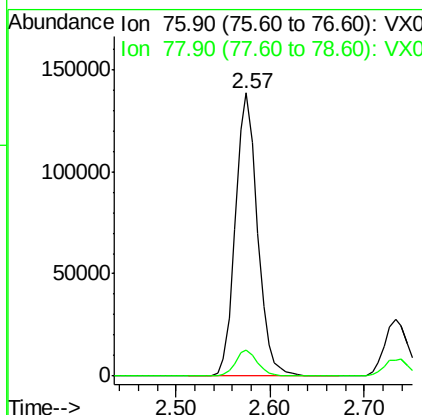
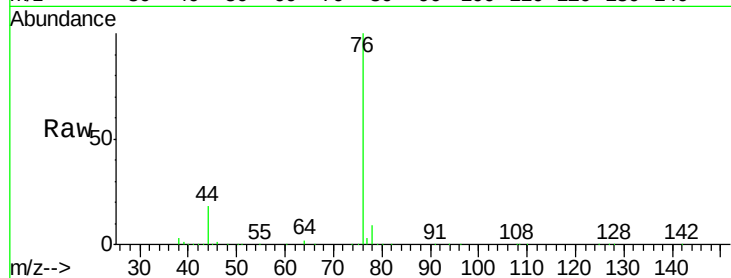
#17
Carbon Disulfide
Concen: 57.69 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

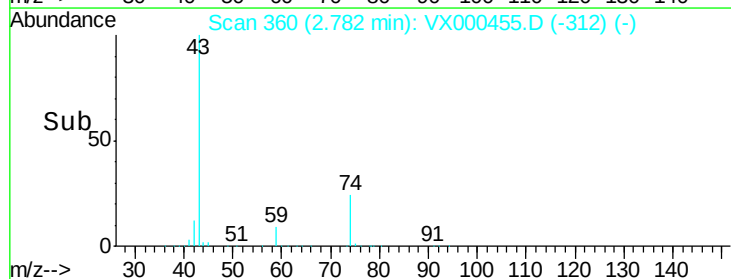
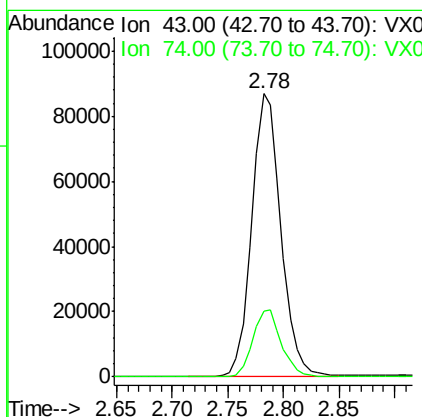
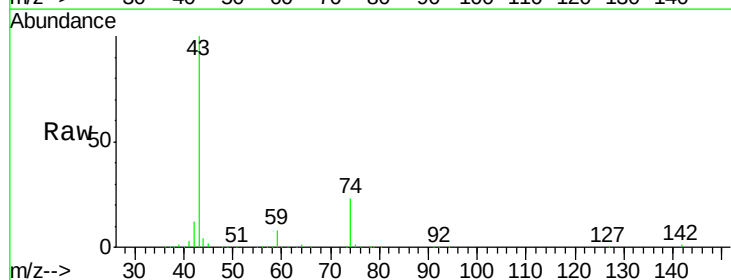
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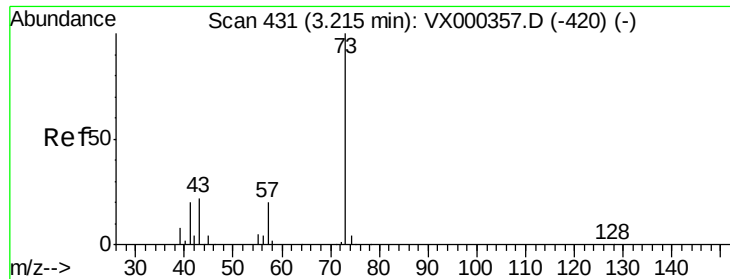
sam
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#18
Methyl Acetate
Concen: 51.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





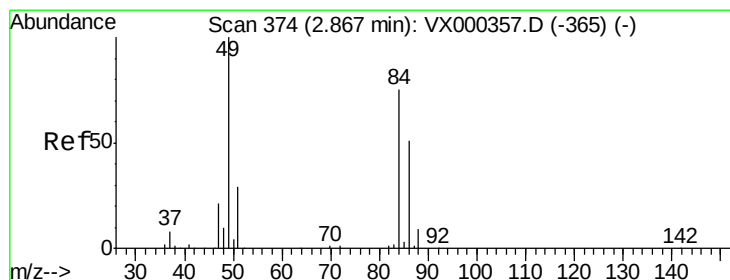
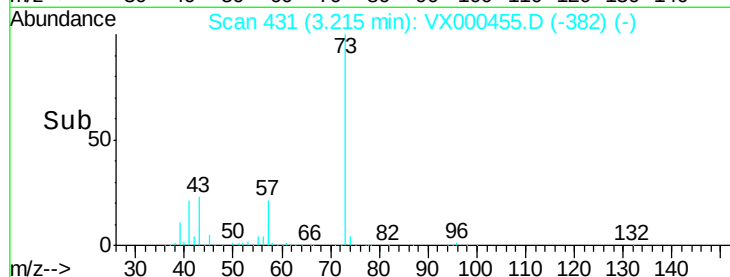
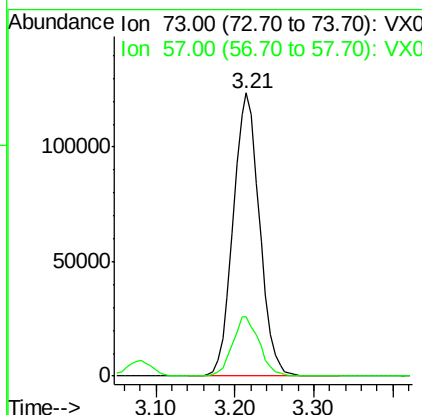
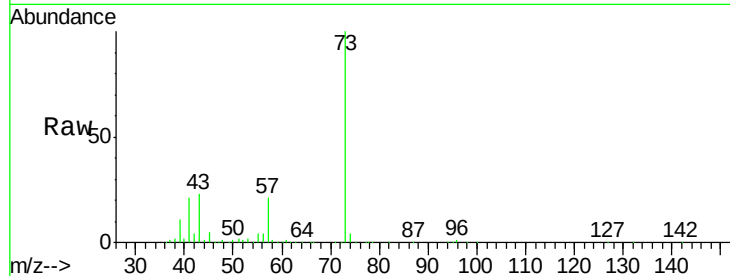
#19
Methyl tert-butyl Ether
Concen: 52.63 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 286858
Ion Ratio Lower Upper
73 100
57 21.0 17.2 25.8

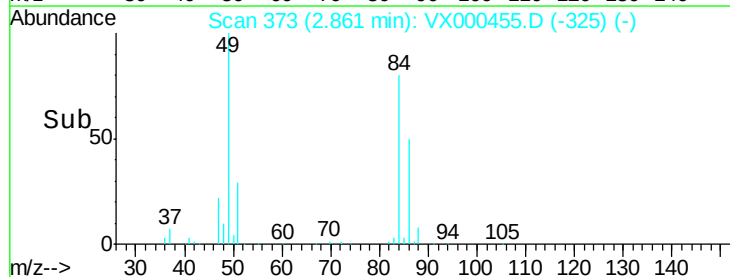
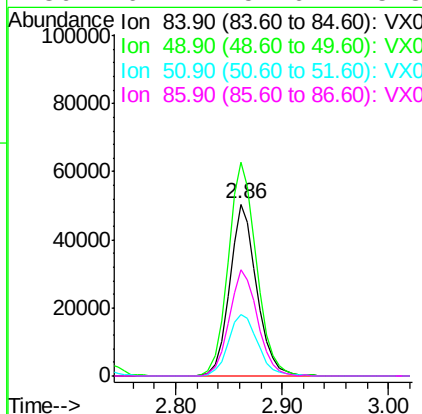
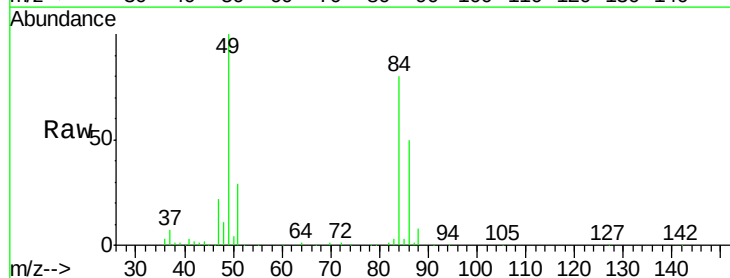
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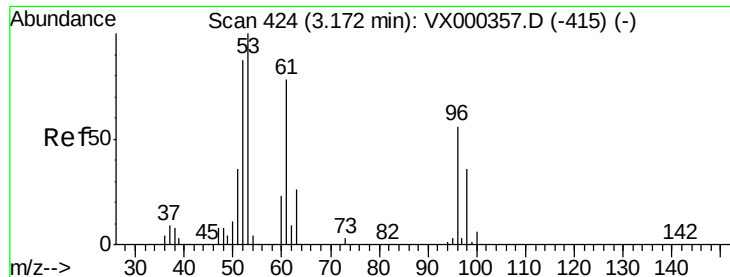
sam
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#20
Methylene Chloride
Concen: 52.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion: 84 Resp: 89678
Ion Ratio Lower Upper
84 100
49 124.4 100.6 151.0
51 35.8 31.6 47.4
86 62.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 53.43 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

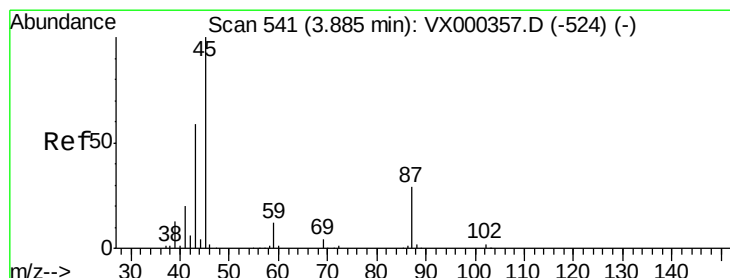
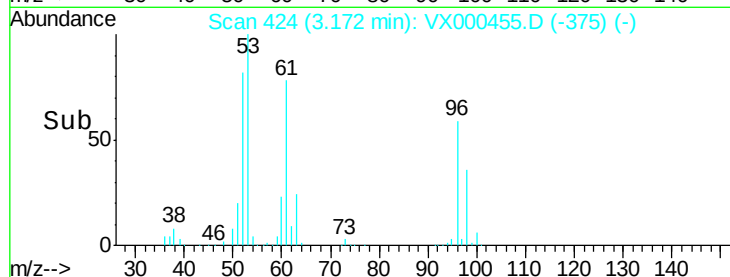
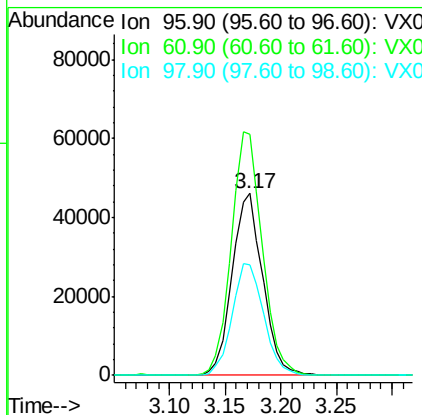
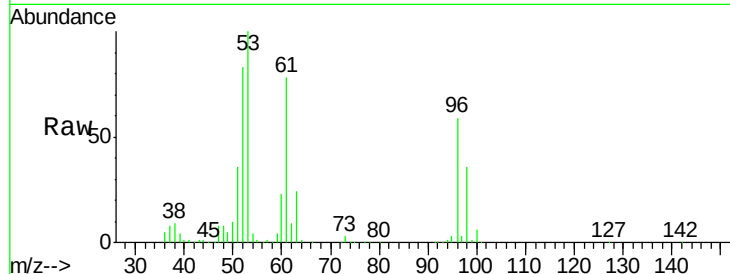
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	87844
Ion	Ratio	Lower	Upper
96	100		
61	132.9	104.0	156.0
98	60.5	52.1	78.1

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#22

Diisopropyl ether

Concen: 47.74 ug/l

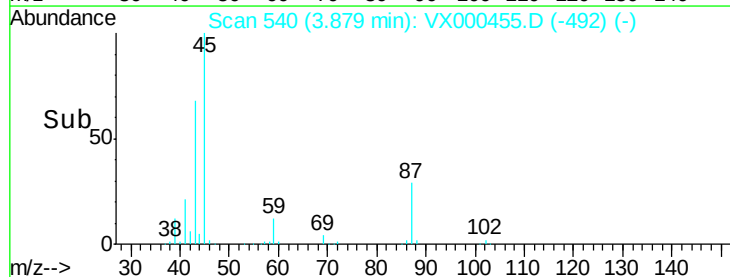
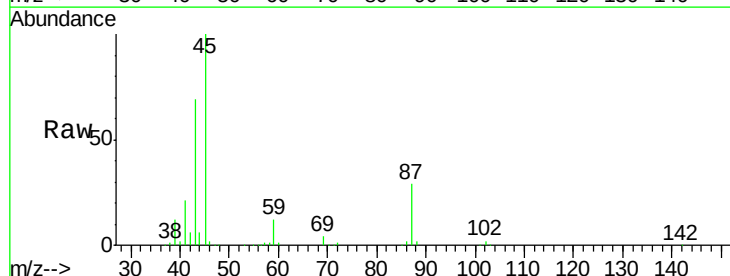
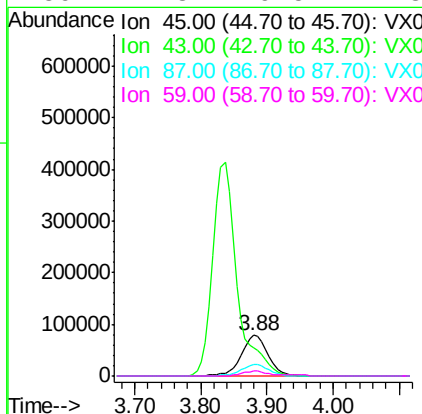
RT: 3.88 min Scan# 540

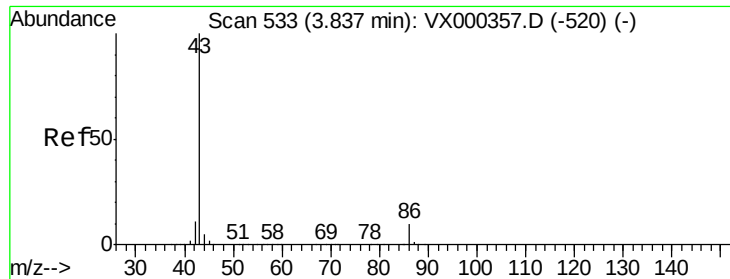
Delta R.T. -0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	45	Resp:	219945
Ion	Ratio	Lower	Upper
45	100		
43	68.2	53.9	80.9
87	29.2	22.6	34.0
59	11.8	9.5	14.3





#23

Vinyl Acetate

Concen: 243.40 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1063103

Ion Ratio Lower Upper

43 100

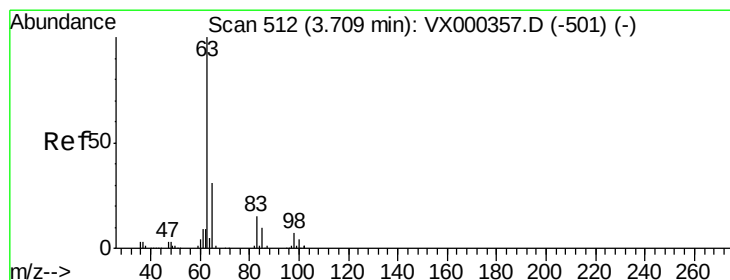
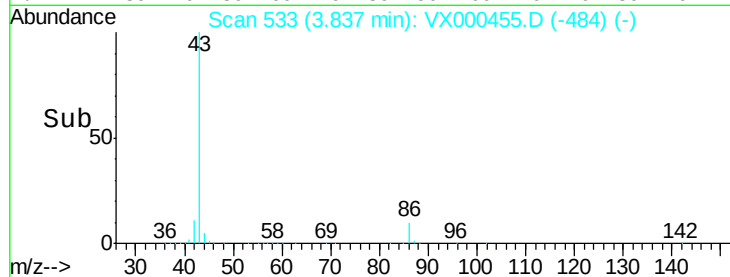
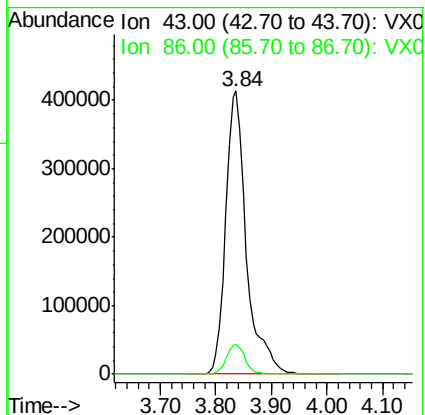
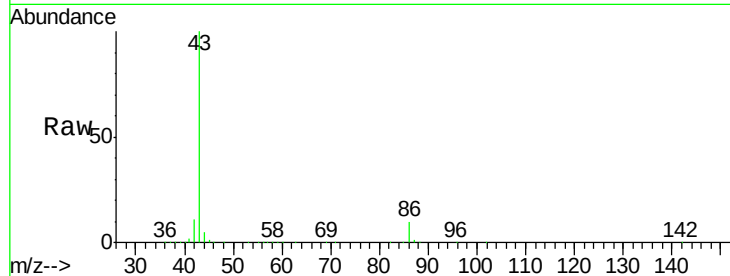
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 53.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

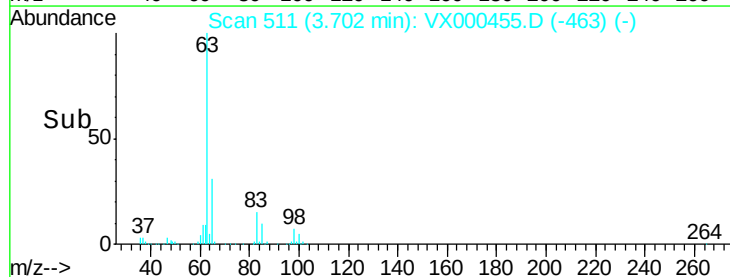
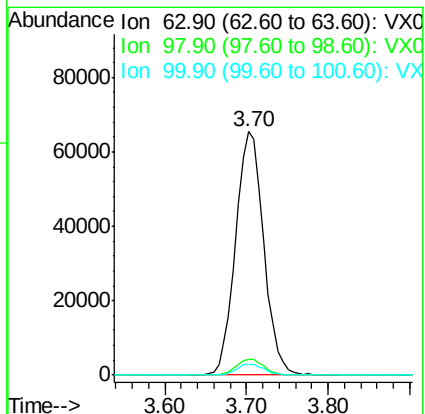
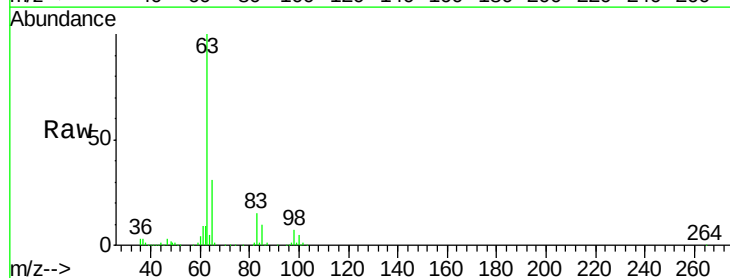
Tgt Ion: 63 Resp: 155135

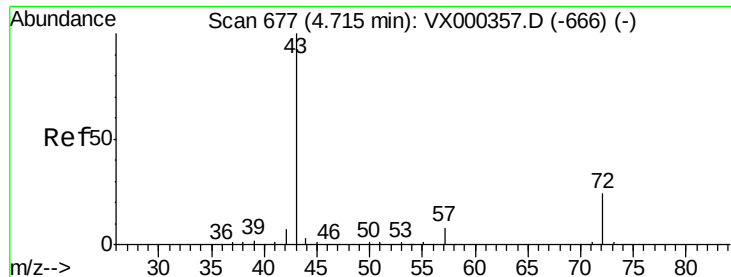
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 233.91 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 388204

Ion Ratio Lower Upper

43 100

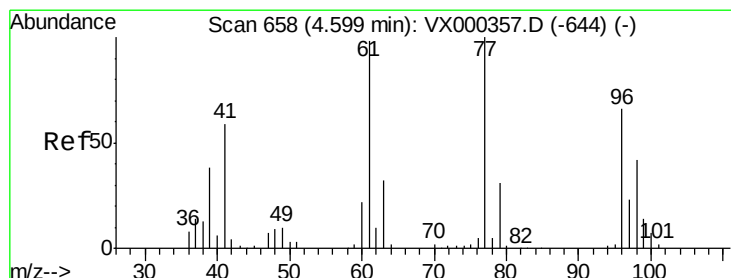
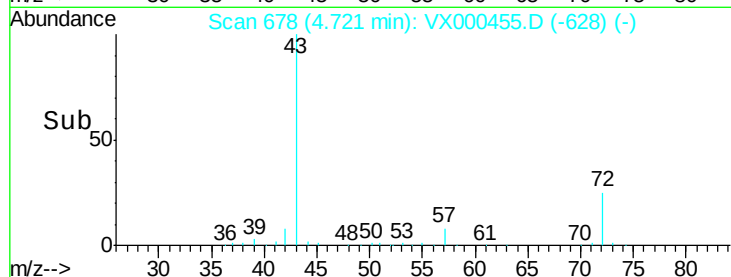
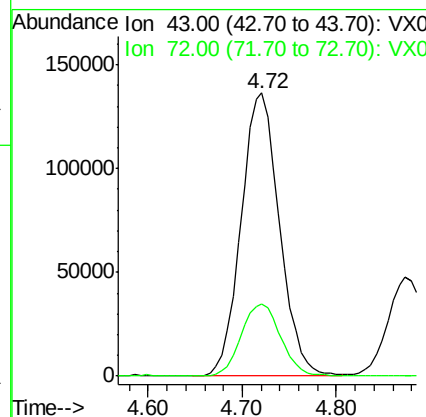
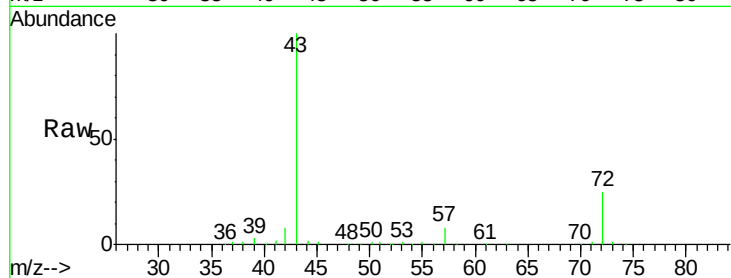
72 25.4 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 48.88 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000455.D

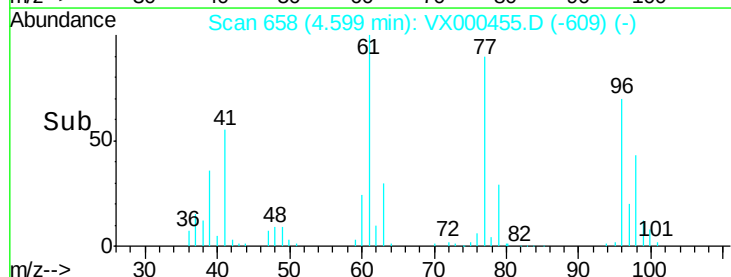
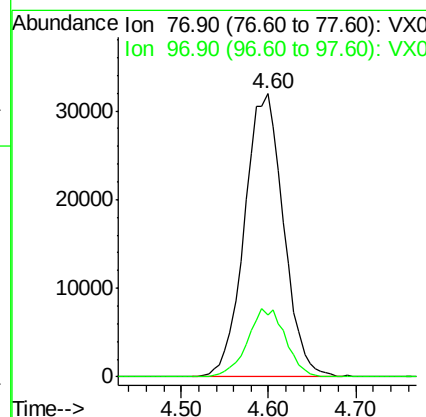
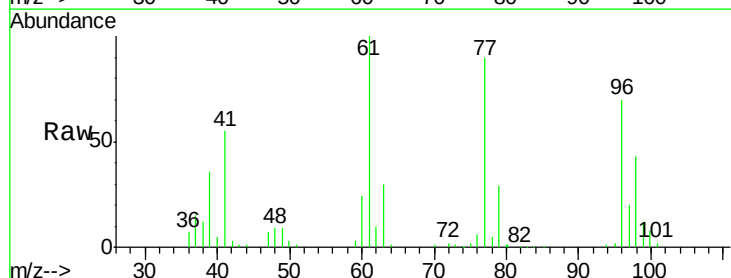
Acq: 26 Mar 2018 21:19

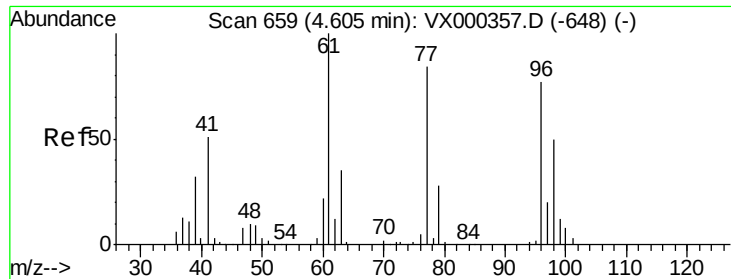
Tgt Ion: 77 Resp: 99235

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

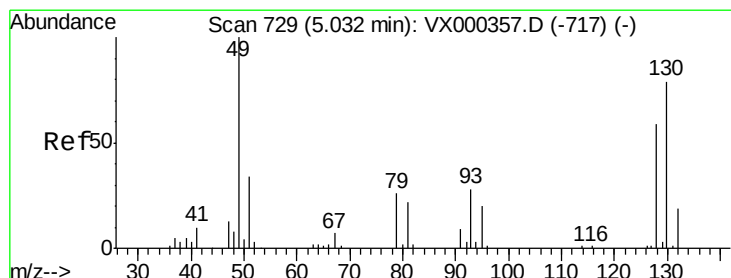
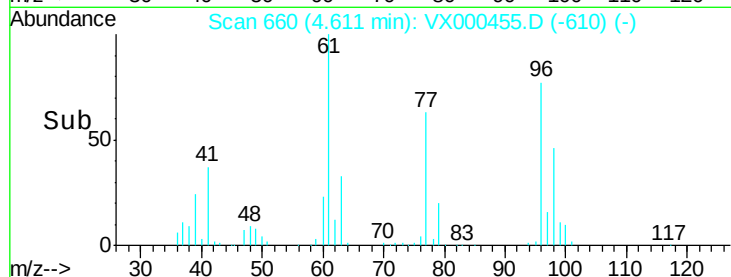
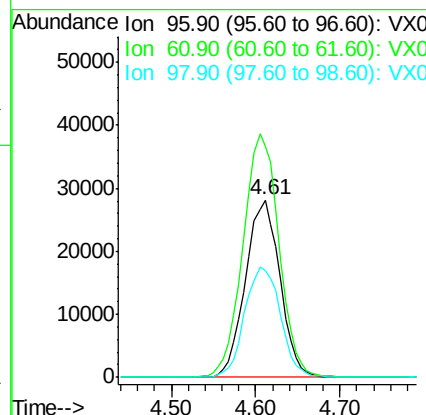
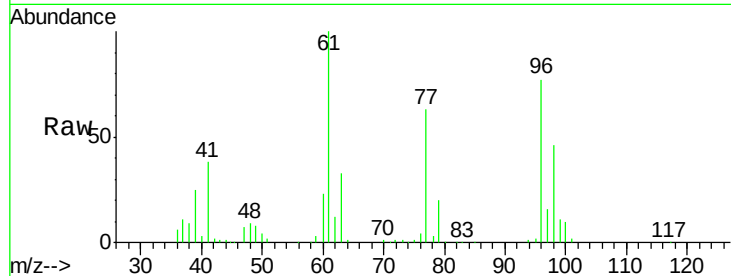
cis-1,2-Dichloroethene
Concen: 50.81 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	291.6
98	64.3	0.0	132.0

Manual Integrations
APPROVED

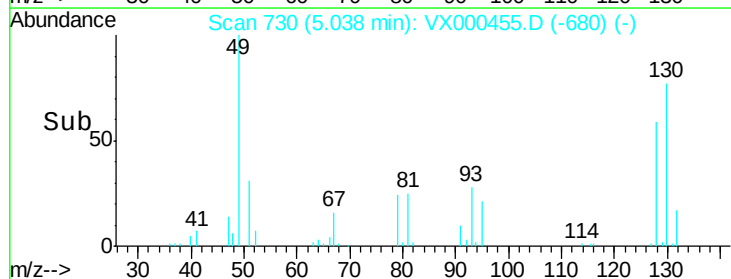
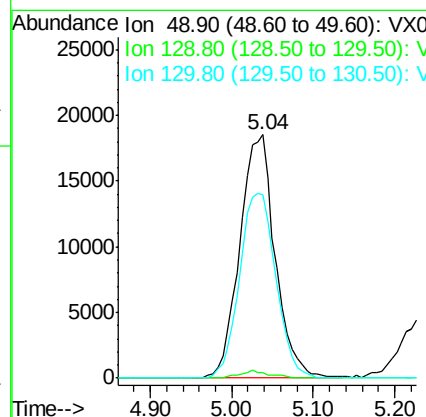
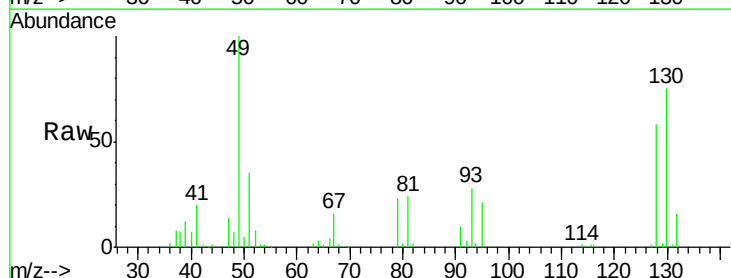
sam
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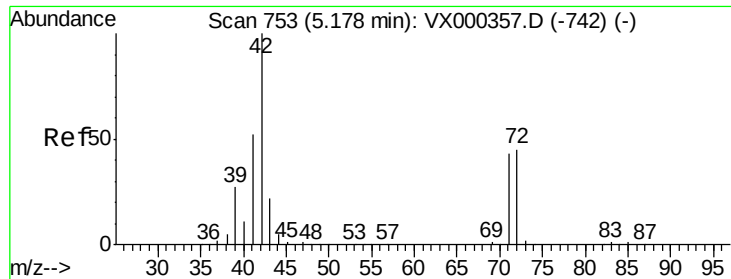


#28

Bromochloromethane
Concen: 46.52 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	78.1	64.0	96.0





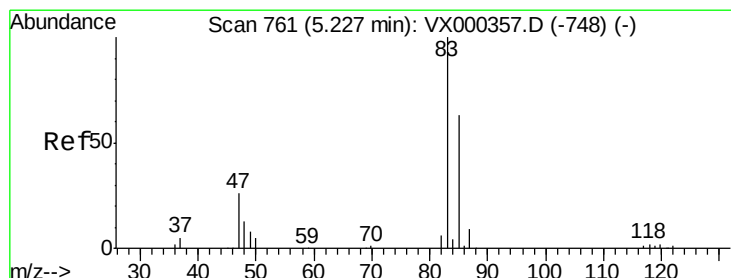
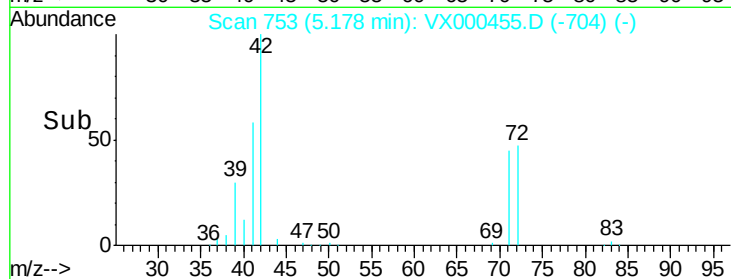
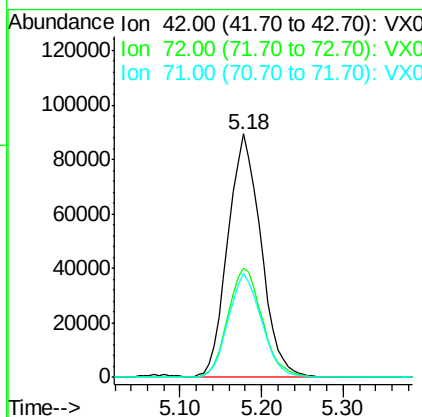
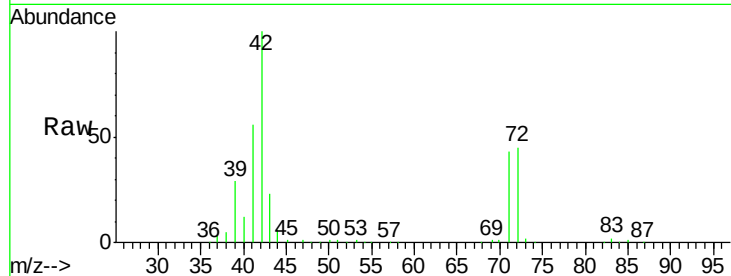
#29
Tetrahydrofuran
Concen: 244.75 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.9	56.9
71	43.0	34.4	51.6

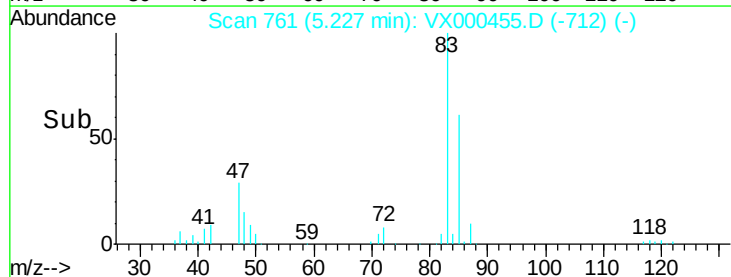
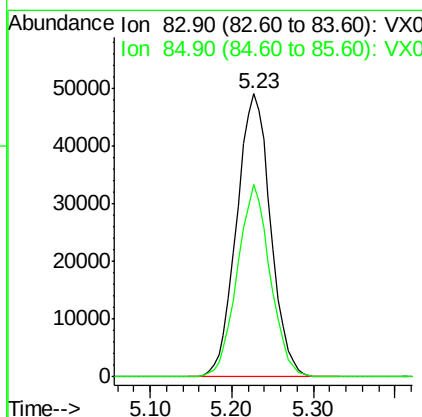
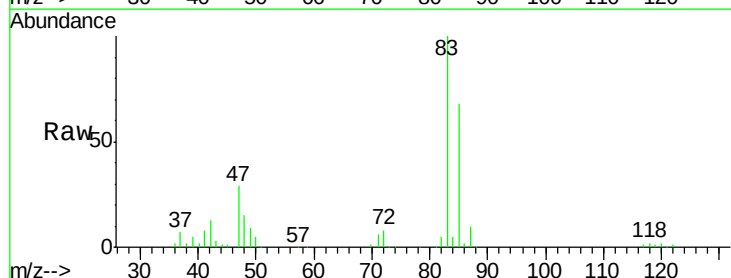
Manual Integrations
APPROVED

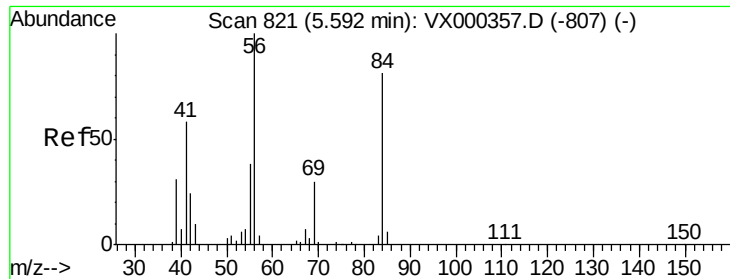
sam
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#30
Chloroform
Concen: 52.16 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	53.3	79.9





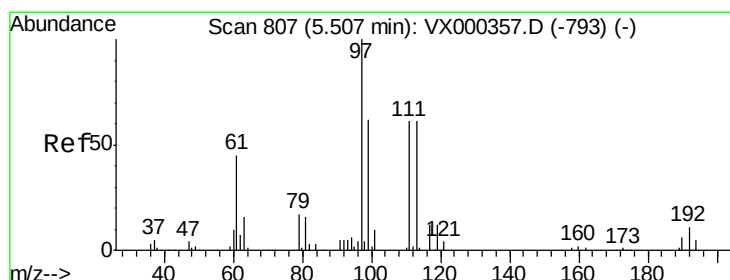
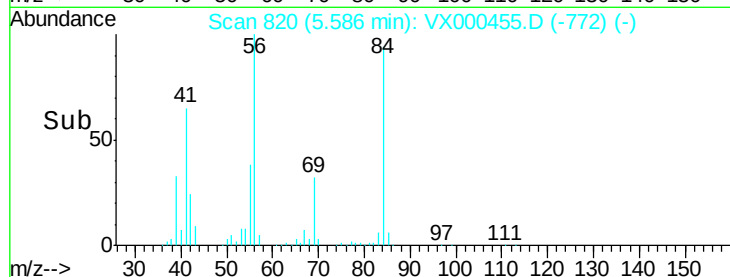
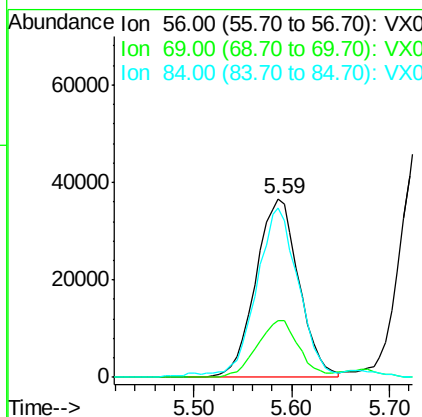
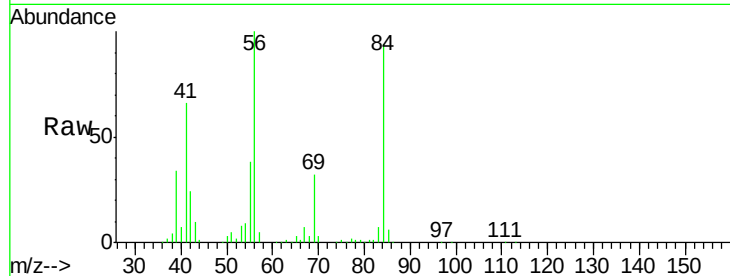
#31
Cyclohexane
Concen: 50.33 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.4	35.0
84	92.2	71.0	106.4

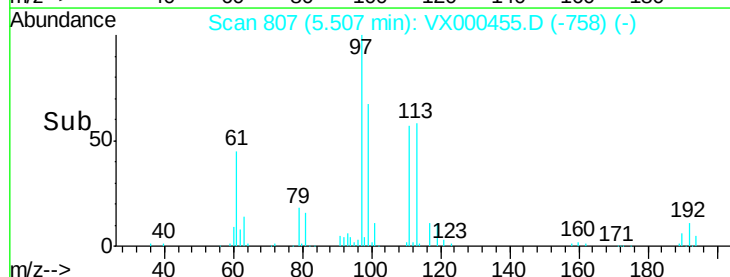
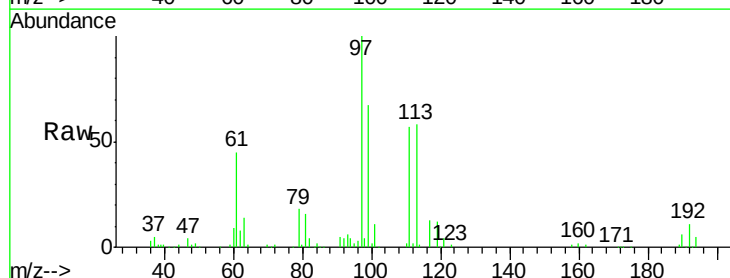
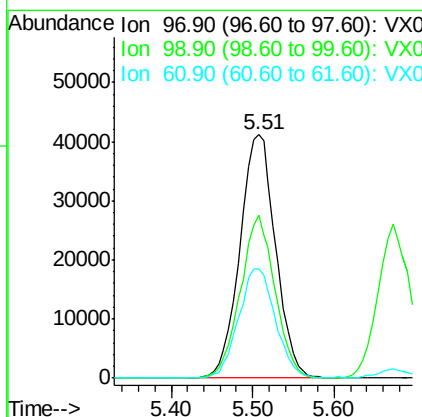
Manual Integrations
APPROVED

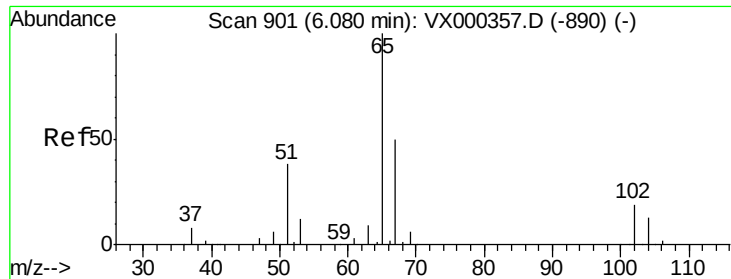
sam
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#32
1,1,1-Trichloroethane
Concen: 51.11 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.1	78.1
61	46.3	36.2	54.4





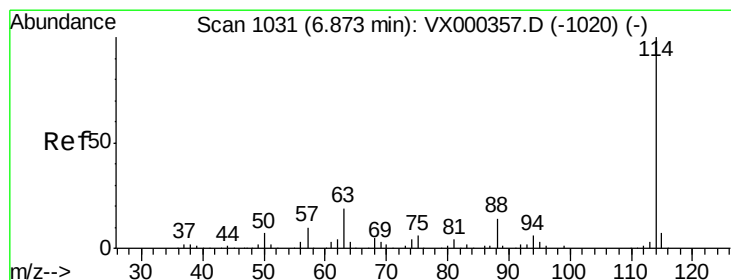
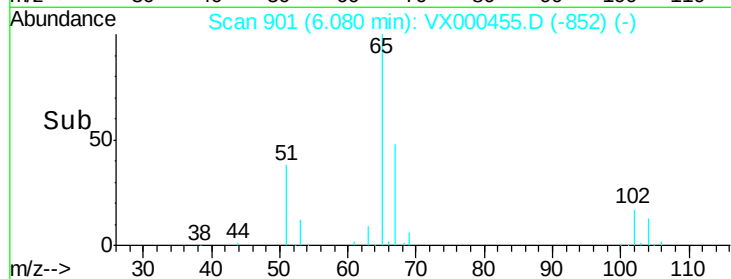
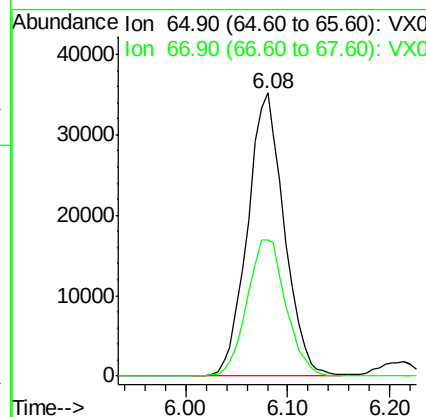
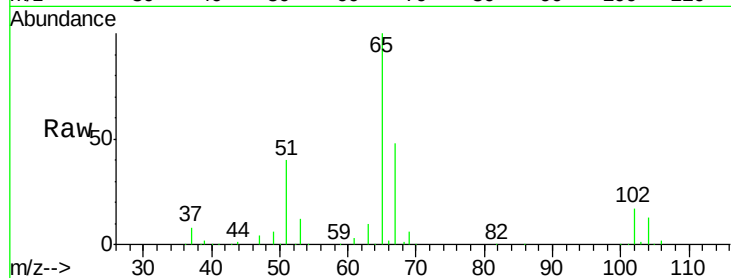
#33
 1,2-Dichloroethane-d4
 Concen: 49.70 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	88211		
67	50.9	0.0	103.2	

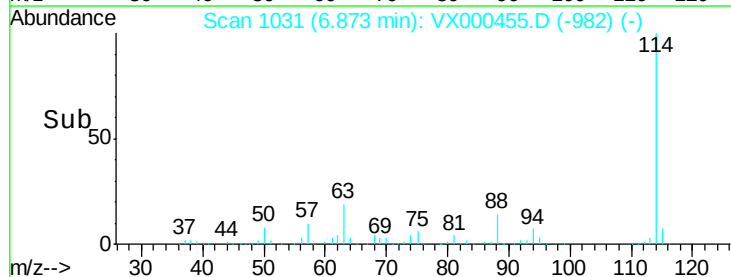
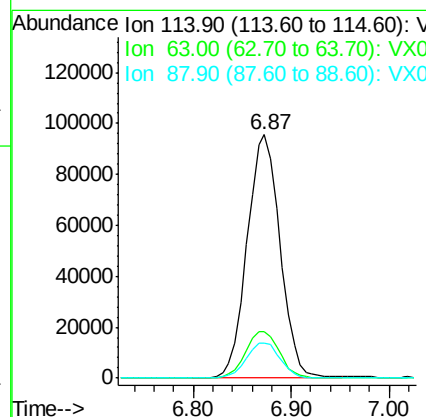
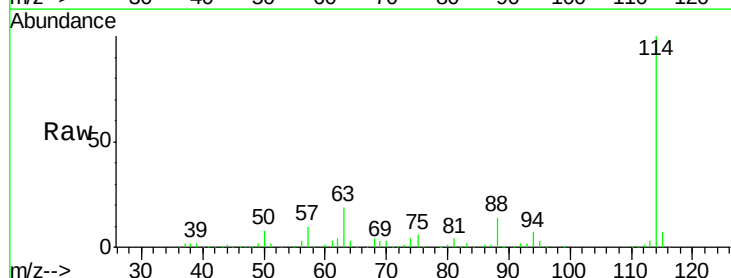
Manual Integrations
 APPROVED

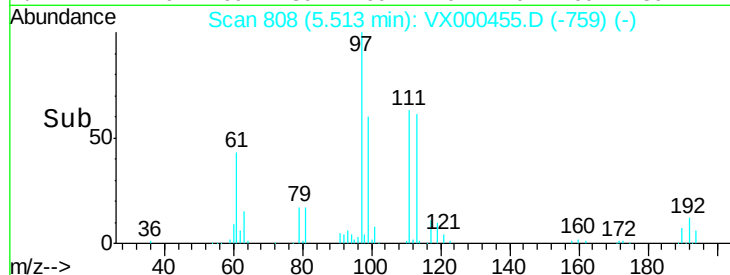
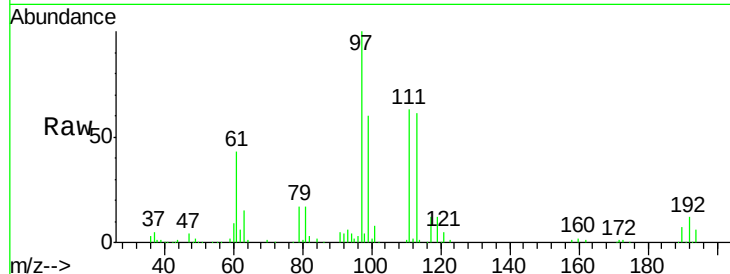
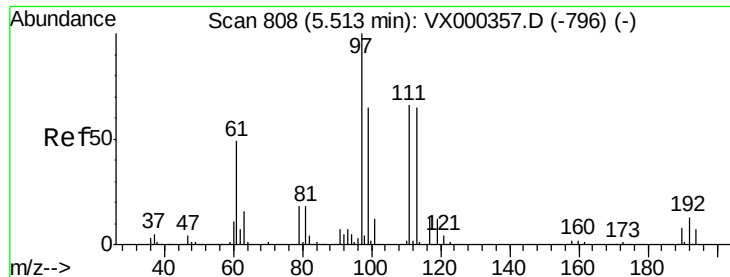
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	223180		
63	19.0	0.0	38.4	
88	14.4	0.0	27.0	





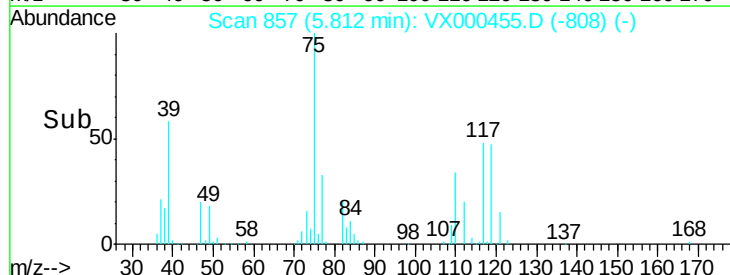
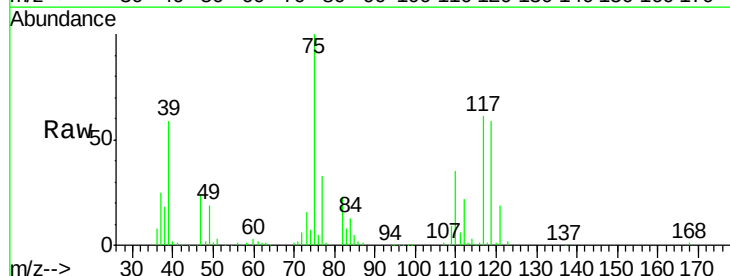
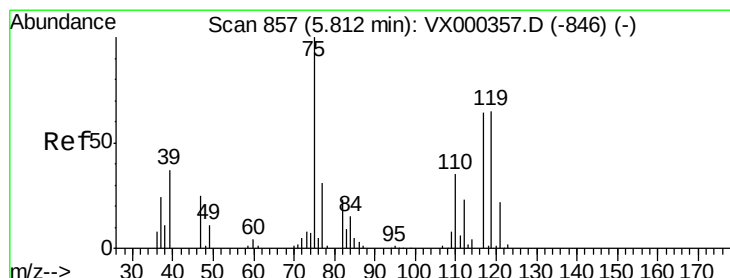
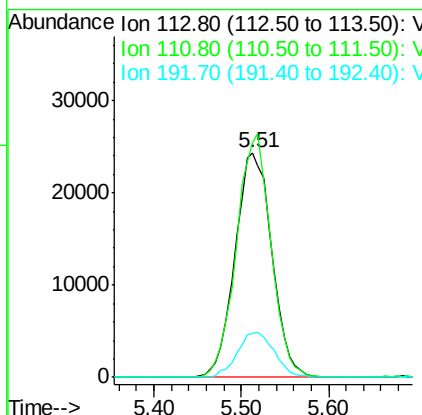
#35
Dibromofluoromethane
Concen: 50.61 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tot Ion	Ratio	Resp	Lower	Upper
113	100	71168		
111	101.6	82.4	123.6	
192	20.2	15.8	23.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

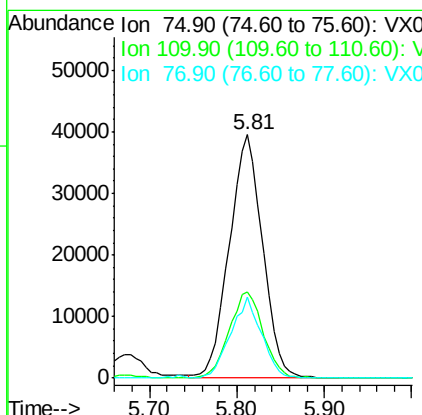
Manual Integrations
APPROVED

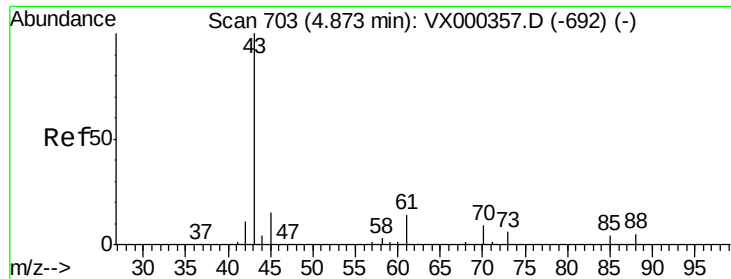
sam
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#36
1,1-Dichloropropene
Concen: 49.73 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103967		
110	36.3	17.9	53.7	
77	31.1	24.0	36.0	





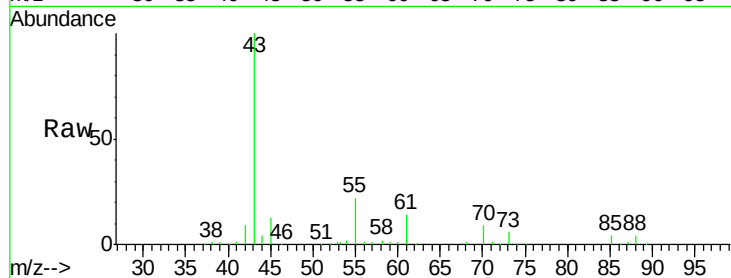
#37
Ethyl Acetate
Concen: 48.06 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

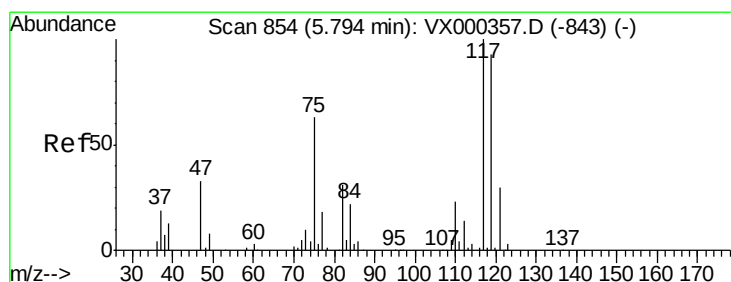
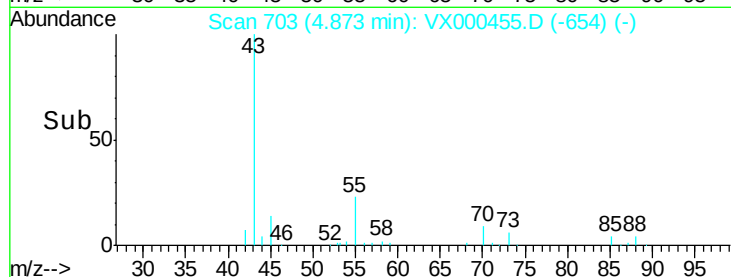
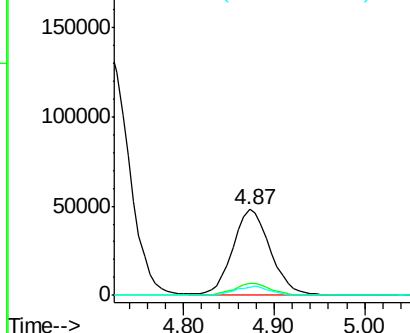
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.5	7.7	11.5

Manual Integrations
APPROVED

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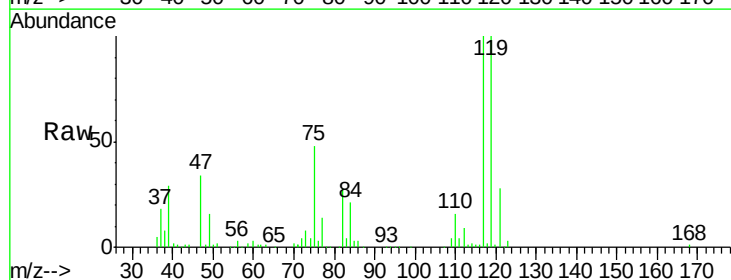


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

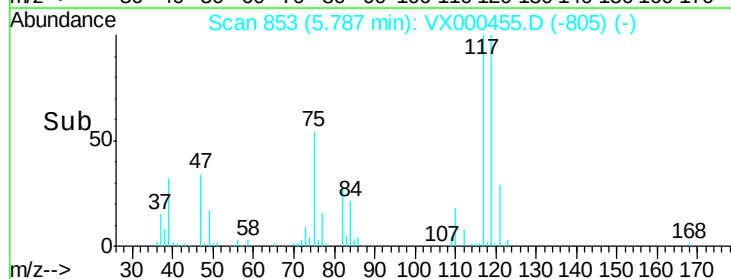
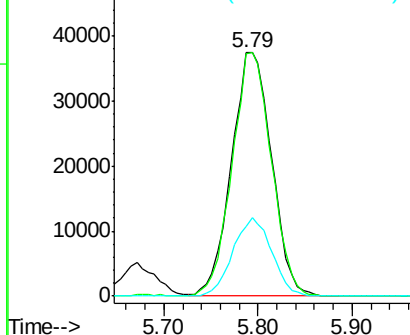


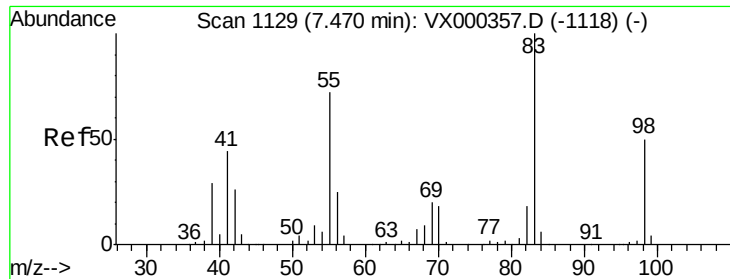
#38
Carbon Tetrachloride
Concen: 50.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.4	116.2
121	28.5	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





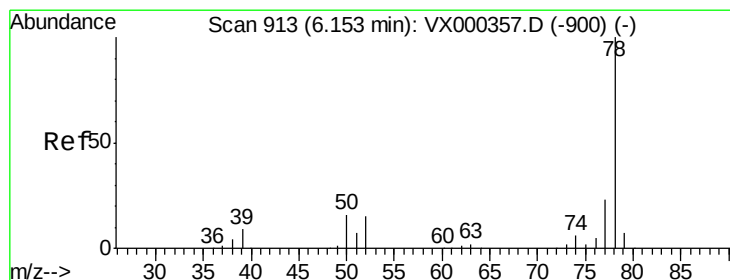
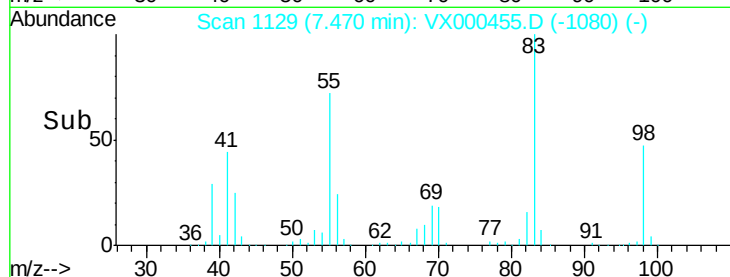
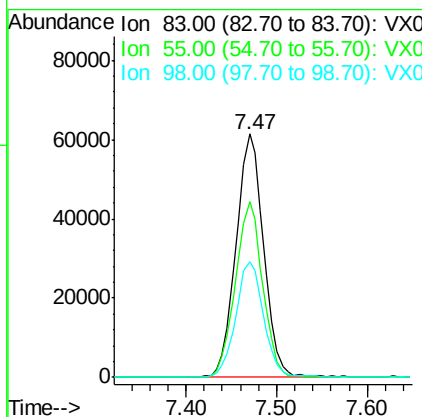
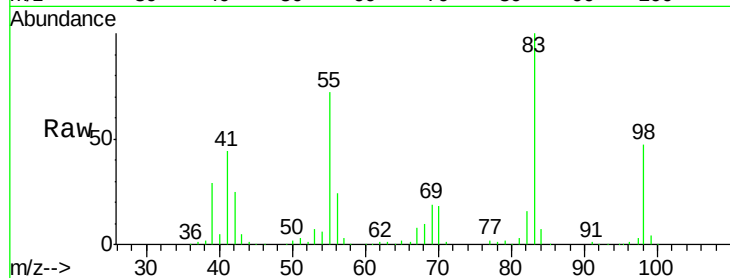
#39
Methylvlcyclohexane
Concen: 50.99 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	55.5	83.3
98	47.5	38.2	57.4

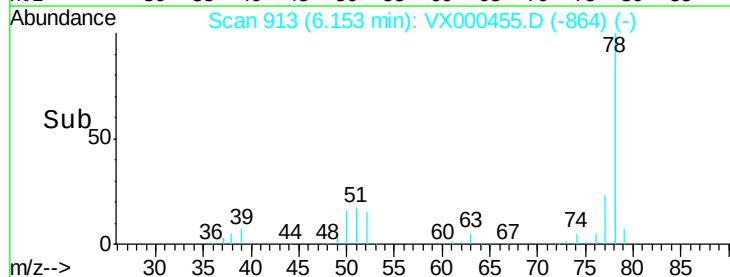
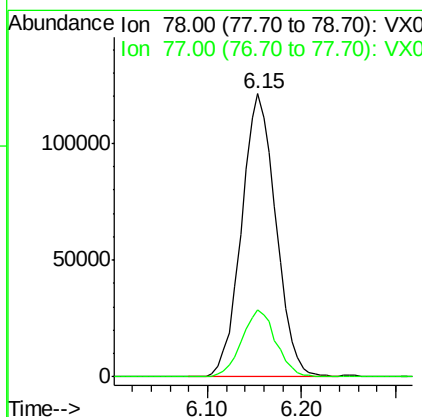
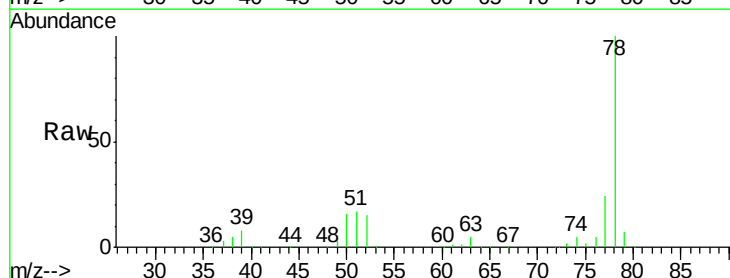
Manual Integrations
APPROVED

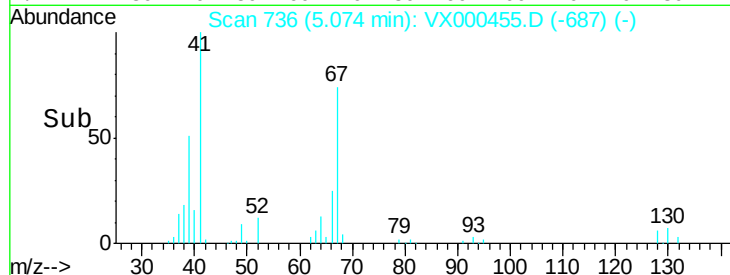
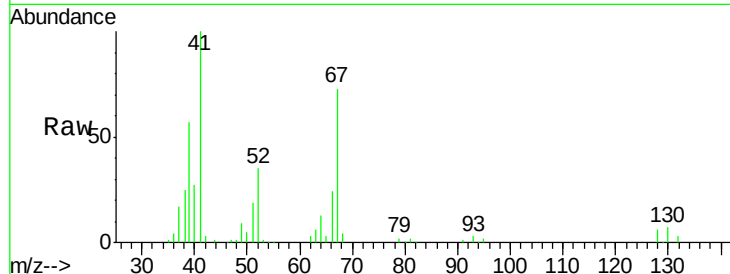
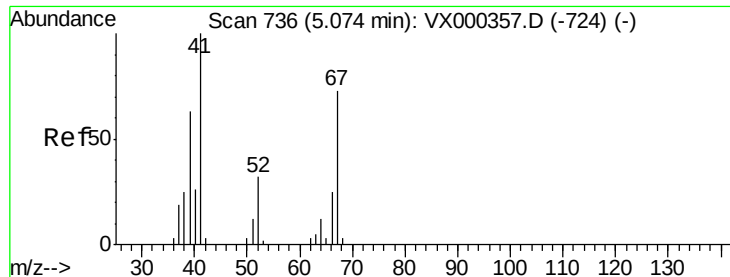
sam
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#40
Benzene
Concen: 51.15 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

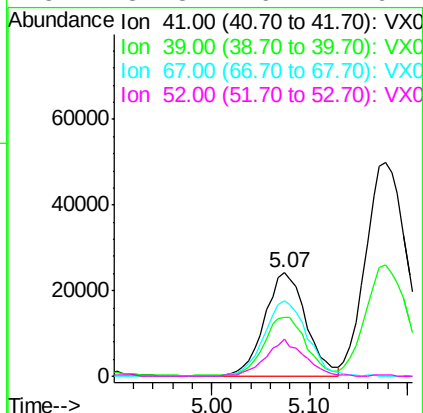
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





#41
Methacrylonitrile
Concen: 47.99 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

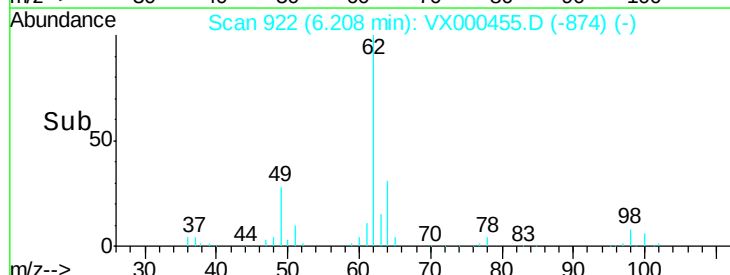
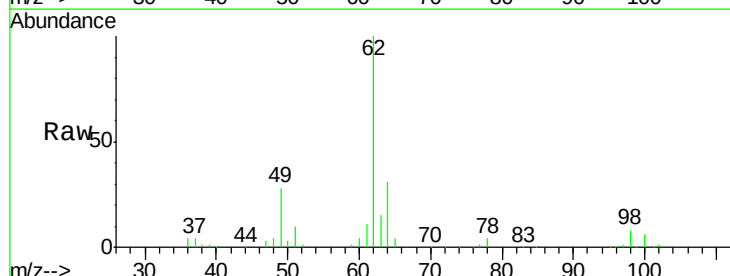
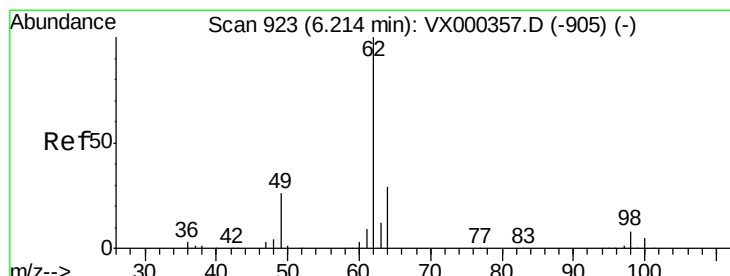
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	45.7	68.5	
67	75.1	57.8	86.8	
52	32.8	26.7	40.1	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

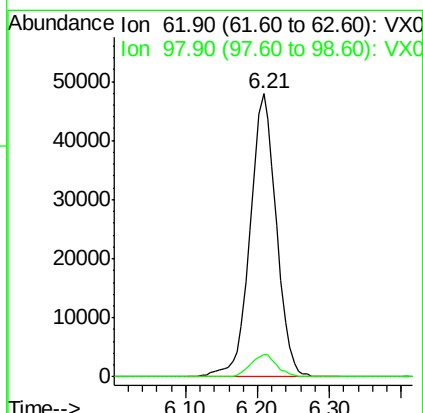
Manual Integrations
APPROVED

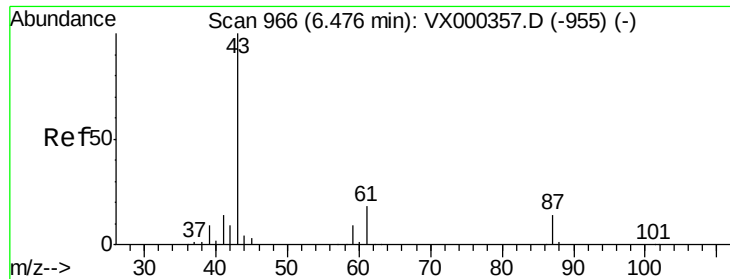
sam
3/27/2018 5:24:18 PM



#42
1,2-Dichloroethane
Concen: 50.89 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	15.8	





#43

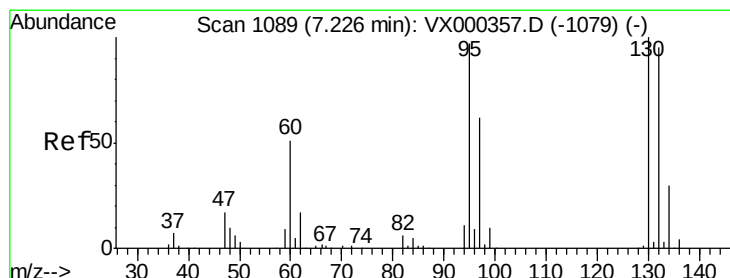
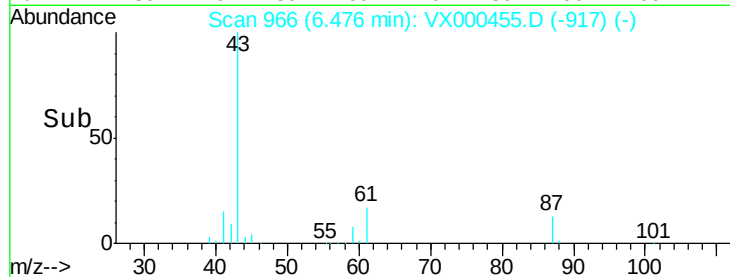
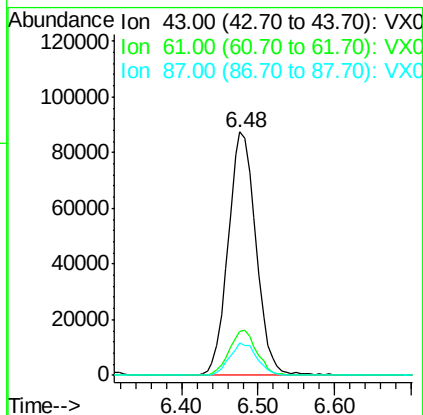
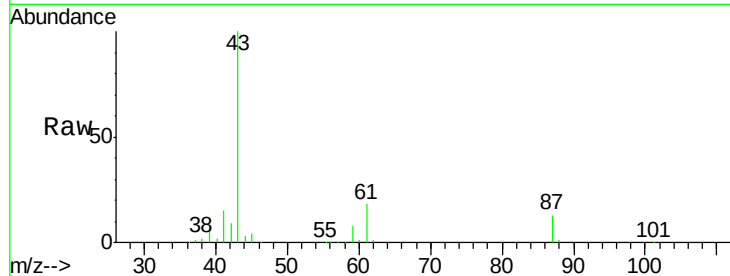
Isopropyl Acetate
 Concen: 51.51 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	218966
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	13.2	11.0	16.4

Manual Integrations
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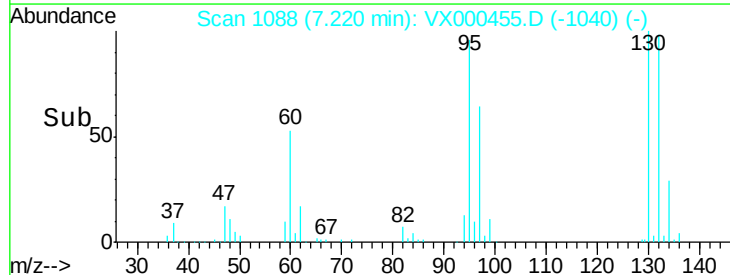
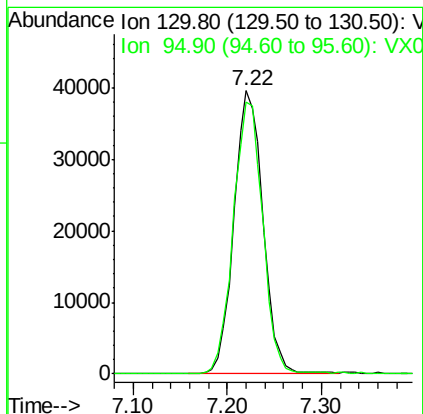
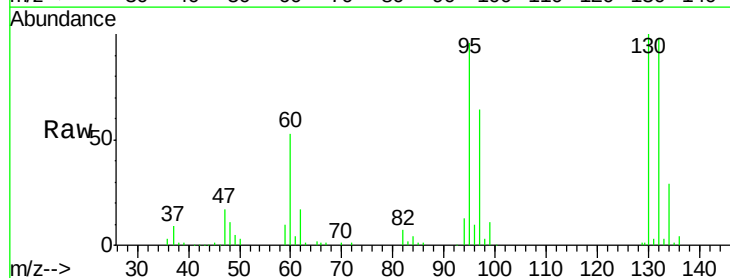
sam
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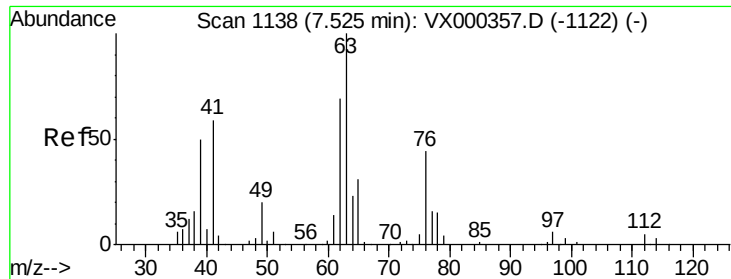


#44

Trichloroethene
 Concen: 48.78 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion:	130	Resp:	84841
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	186.0





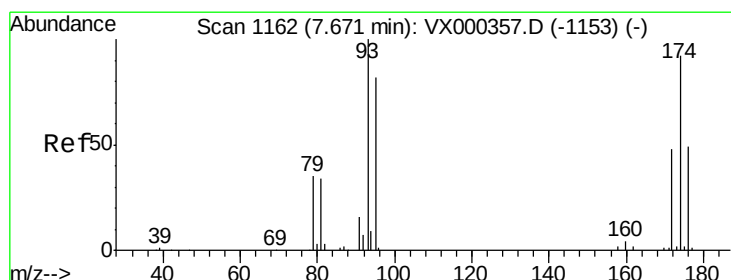
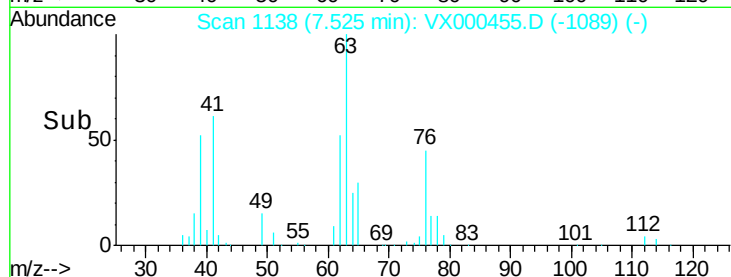
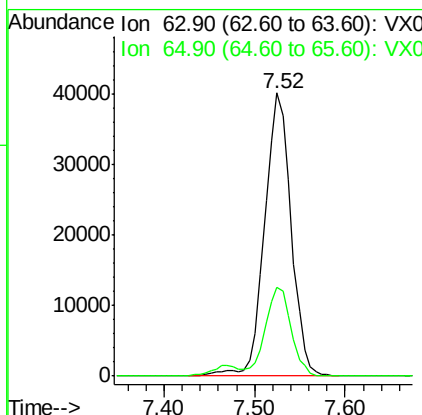
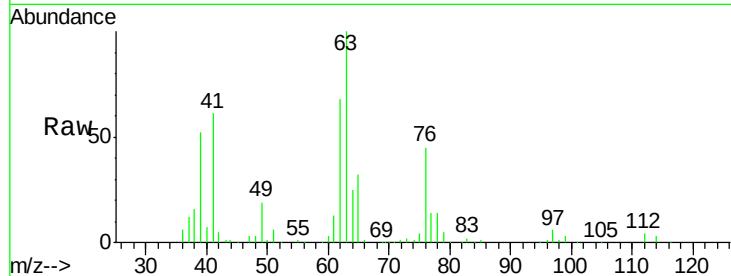
#45
 1,2-Dichloropropane
 Concen: 52.40 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 81429
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8

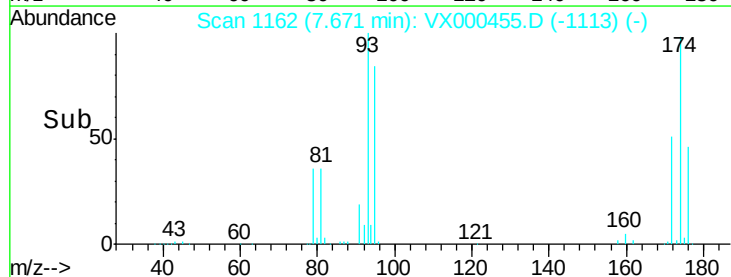
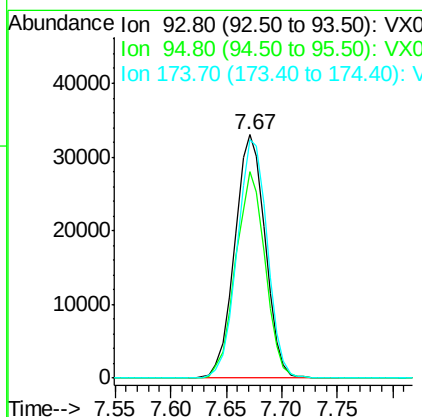
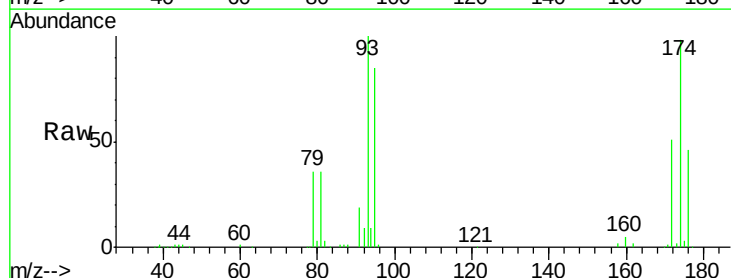
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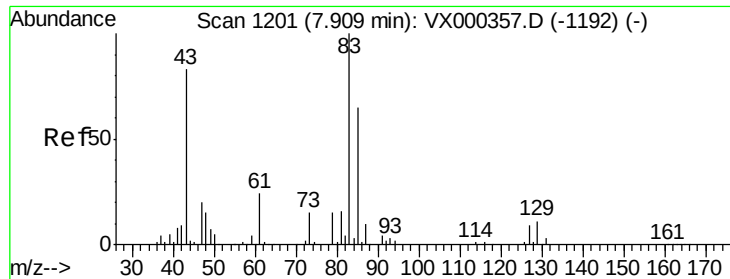
sam
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#46
 Dibromomethane
 Concen: 51.35 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion: 93 Resp: 62639
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.5 99.7
 174 96.9 76.0 114.0





#47

Bromodichloromethane

Concen: 54.04 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

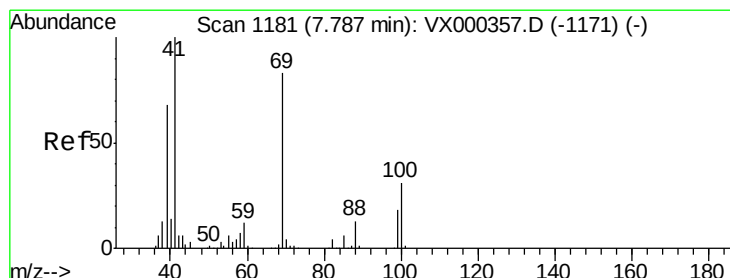
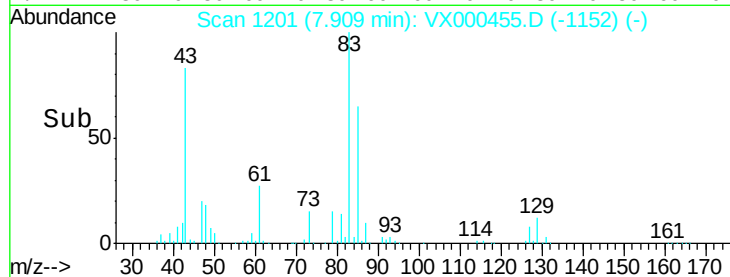
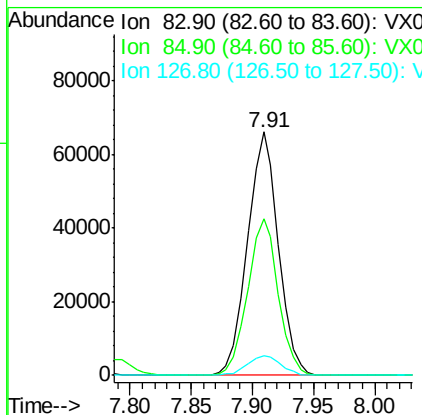
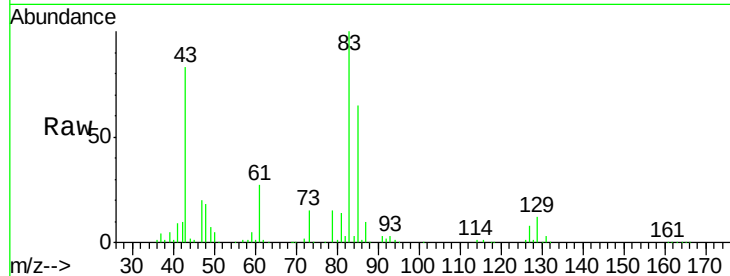
VSTDCCC050EC

Tot Ion:	83	Resp:	115970
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0
127	8.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.93 ug/l

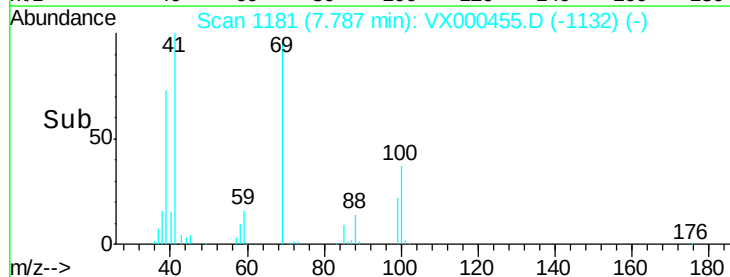
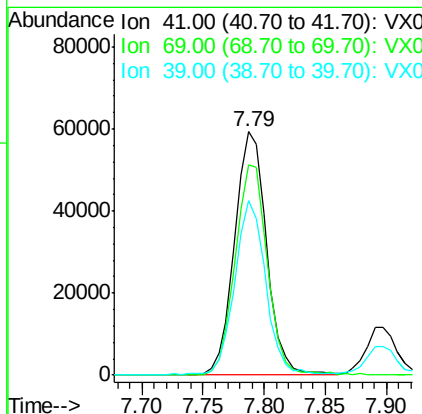
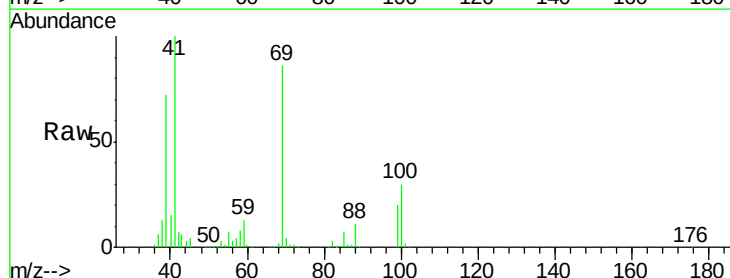
RT: 7.79 min Scan# 1181

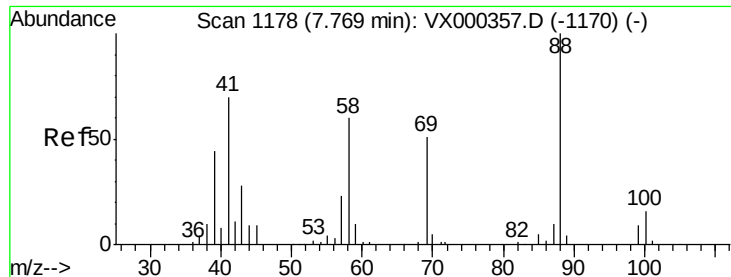
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	41	Resp:	107157
Ion	Ratio	Lower	Upper
41	100		
69	87.9	68.2	102.4
39	68.9	54.6	81.8





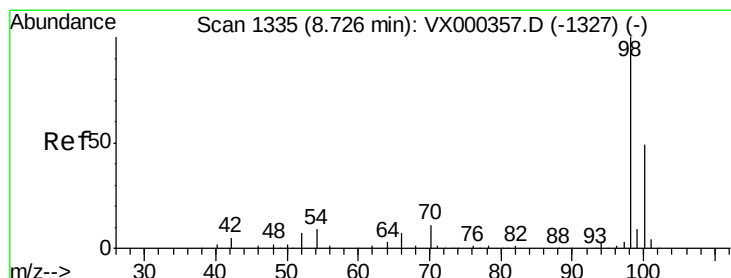
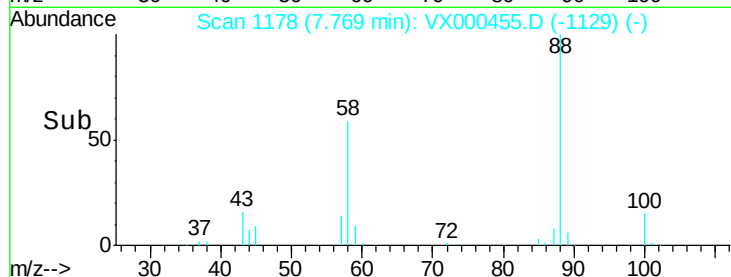
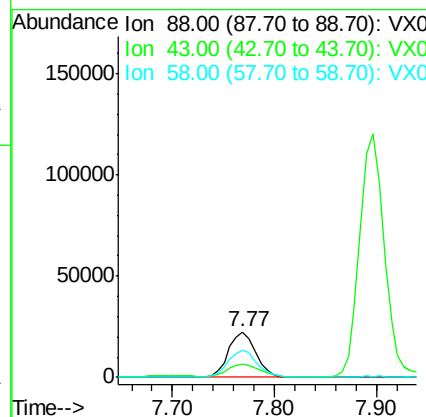
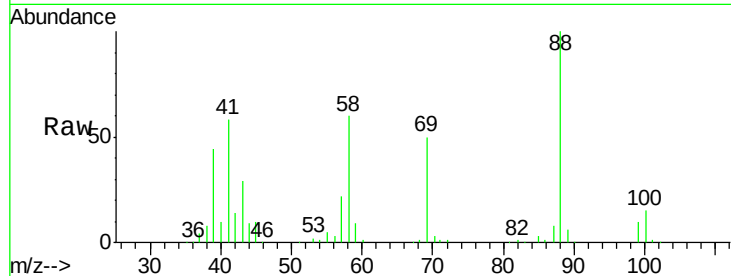
#49
 1,4-Dioxane
 Concen: 962.63 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.8	40.2
58	63.3	52.2	78.2

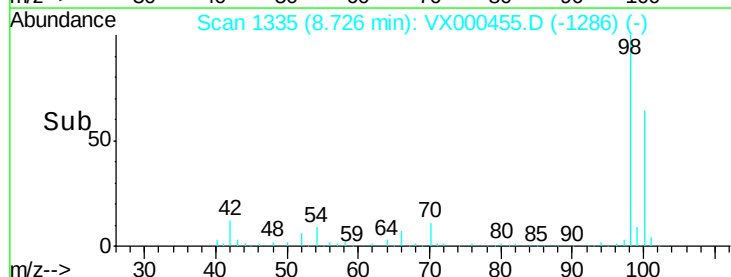
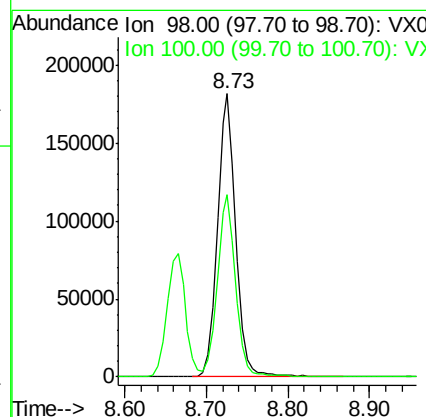
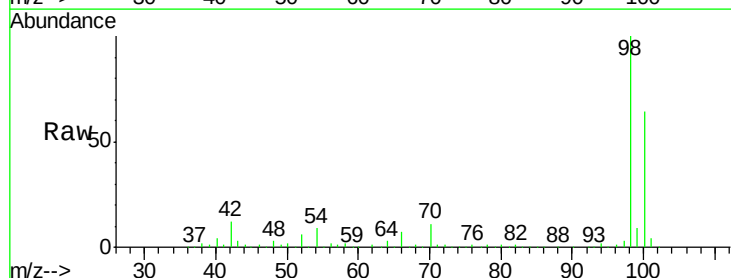
Manual Integrations
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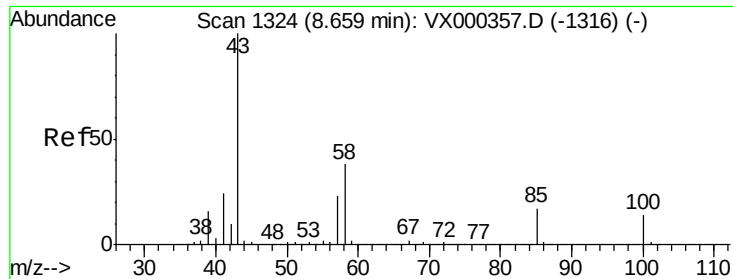
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#50
 Toluene-d8
 Concen: 49.10 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 259.34 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 853300

Ion Ratio Lower Upper

43 100

58 37.3

30.3

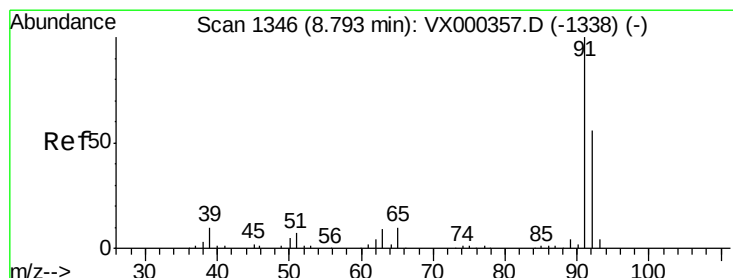
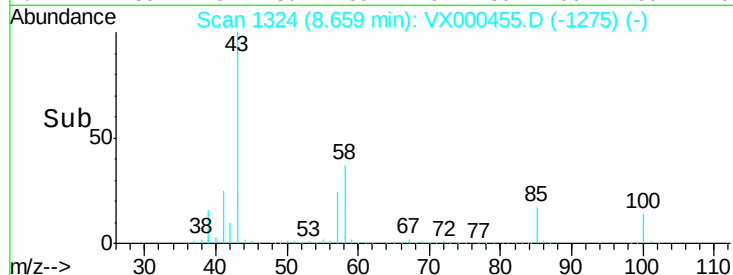
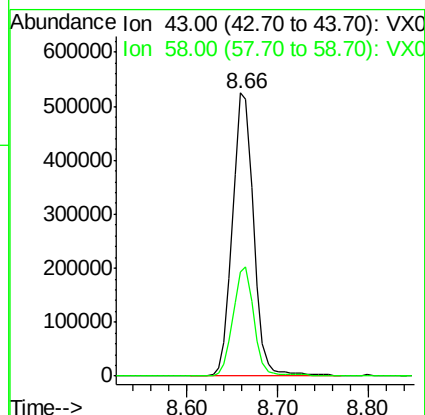
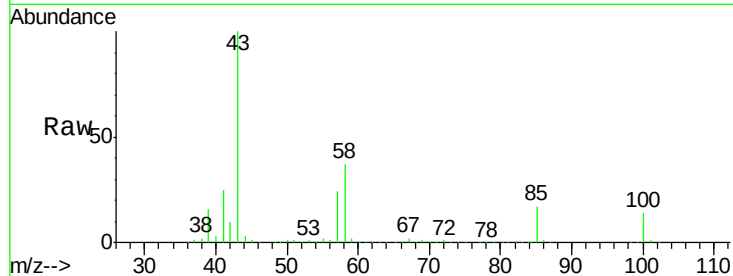
45.5

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#52

Toluene

Concen: 51.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion: 92 Resp: 219049

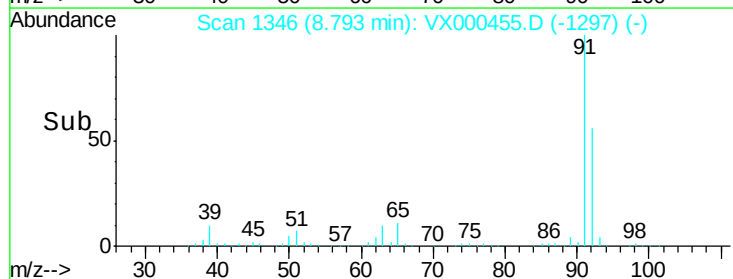
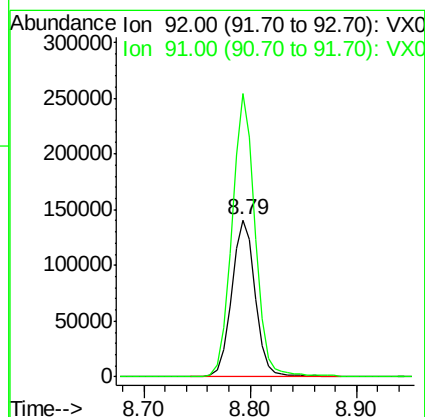
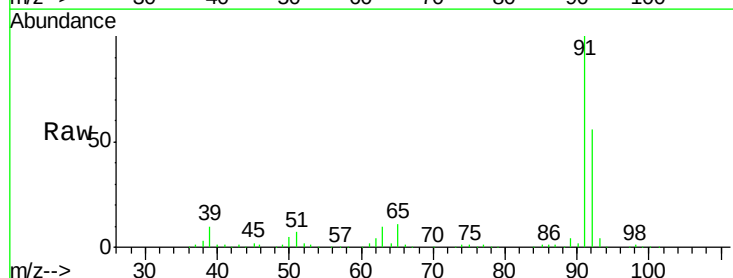
Ion Ratio Lower Upper

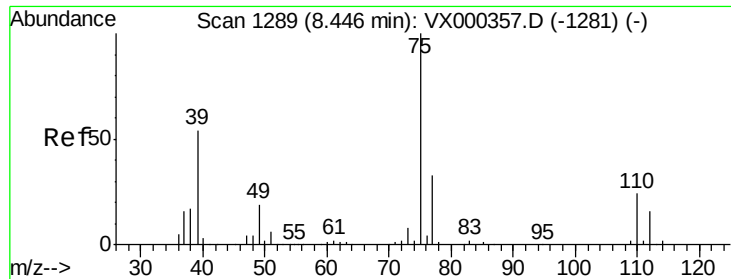
92 100

91 176.8

140.2

210.2





#53

t-1,3-Dichloropropene

Concen: 53.50 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 133050

Ion Ratio Lower Upper

75 100

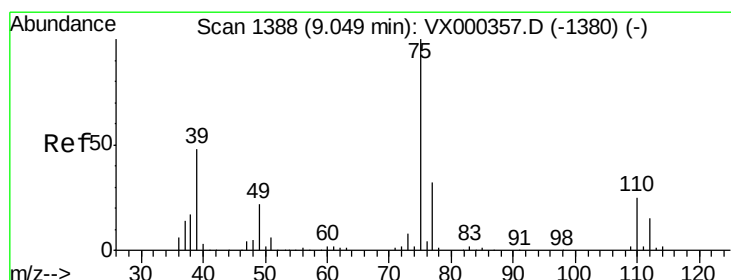
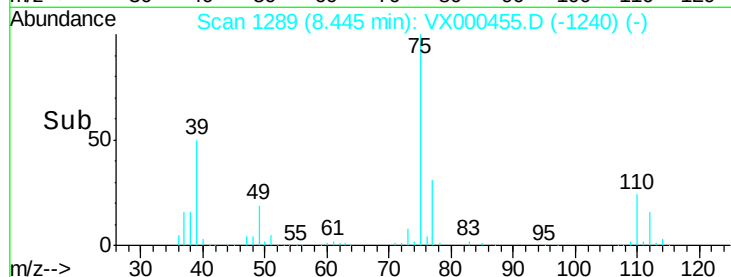
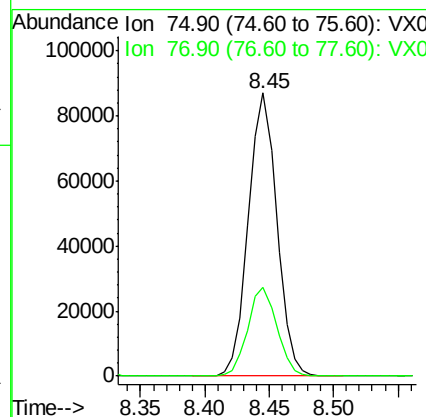
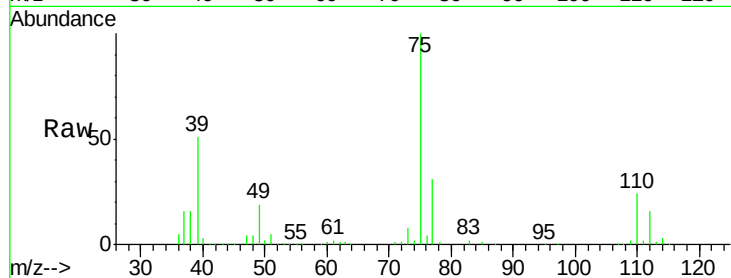
77 31.4 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 55.41 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

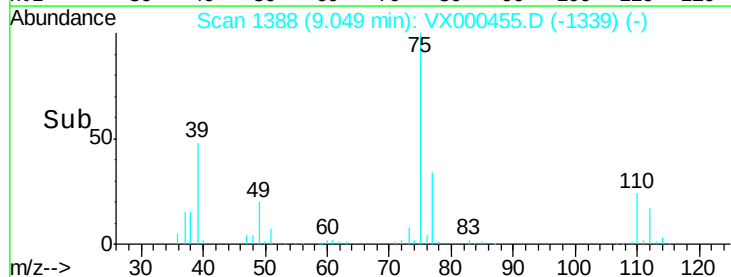
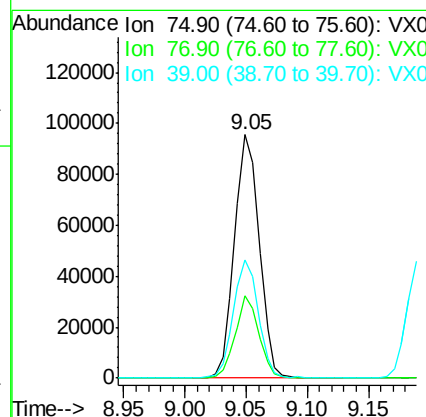
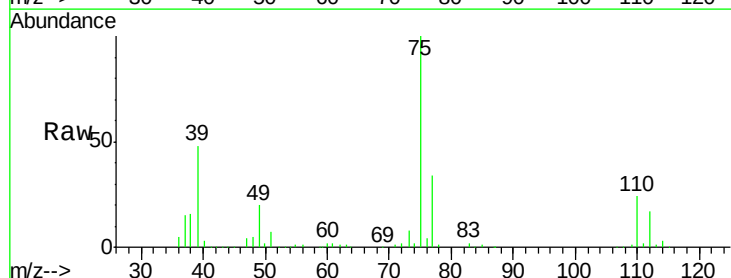
Tgt Ion: 75 Resp: 133654

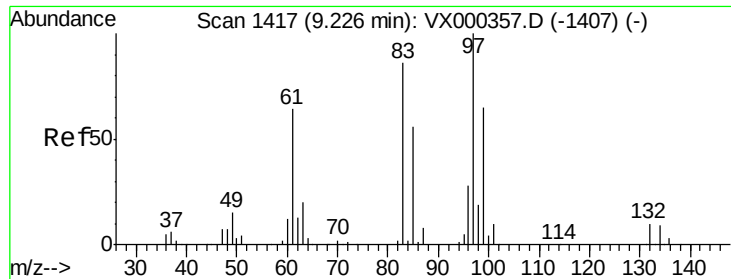
Ion Ratio Lower Upper

75 100

77 33.7 26.1 39.1

39 48.3 39.8 59.6





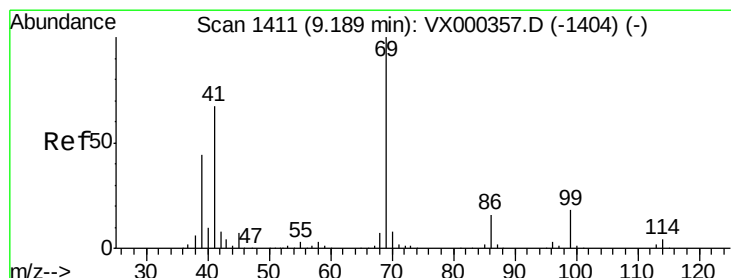
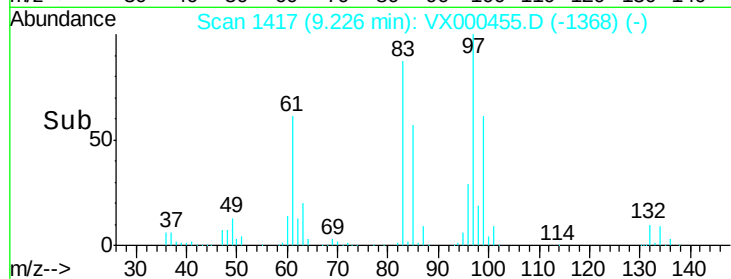
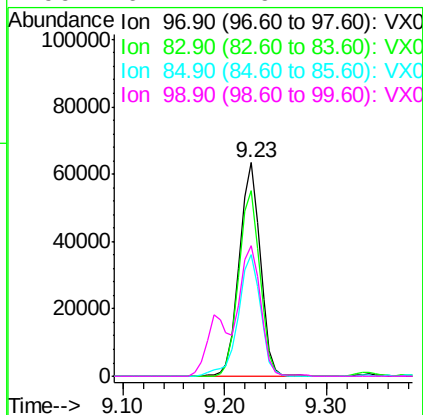
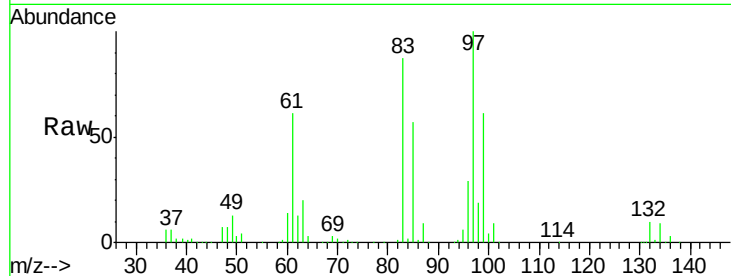
#55
 1,1,2-Trichloroethane
 Concen: 51.60 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	90060
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.9	101.9
85	56.8	42.8	64.2
99	61.4	49.4	74.2

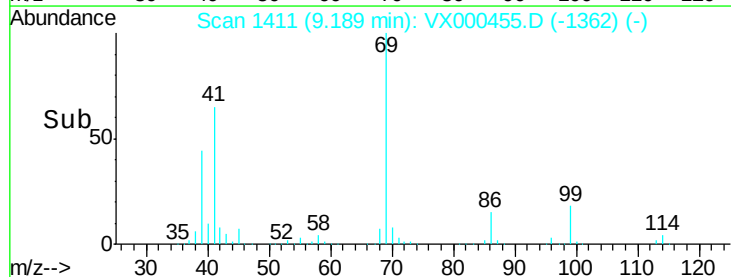
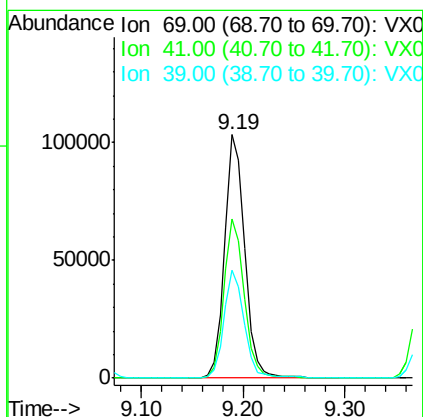
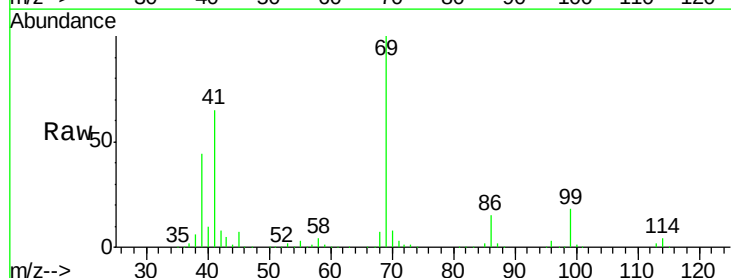
Manual Integrations
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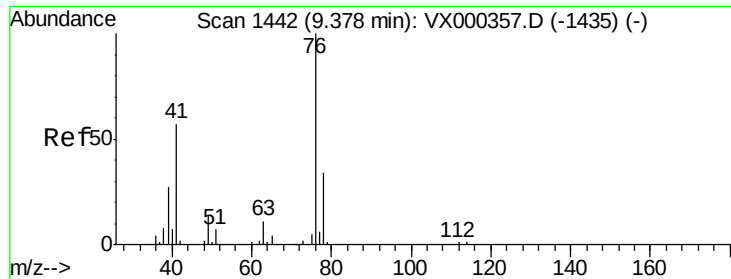
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#56
 Ethyl methacrylate
 Concen: 53.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	69	Resp	141744
Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.0	79.6
39	44.2	35.3	52.9





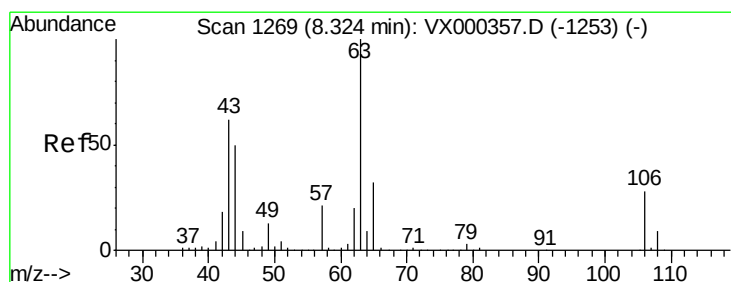
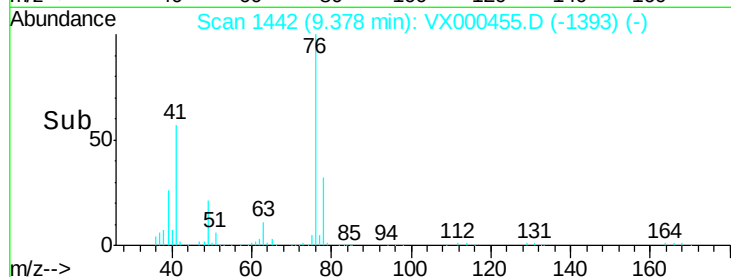
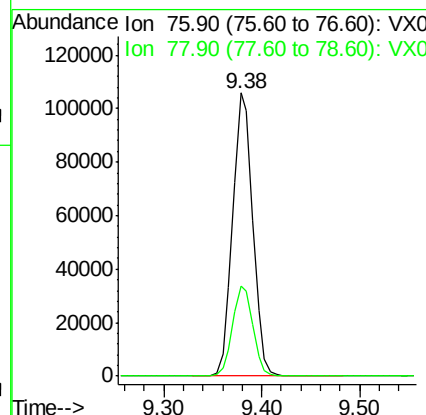
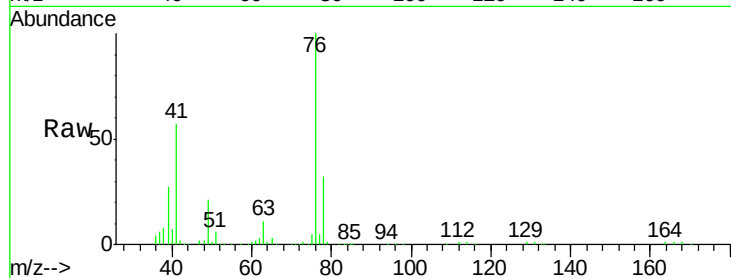
#57
 1,3-Dichloropropane
 Concen: 54.18 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 151260
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6

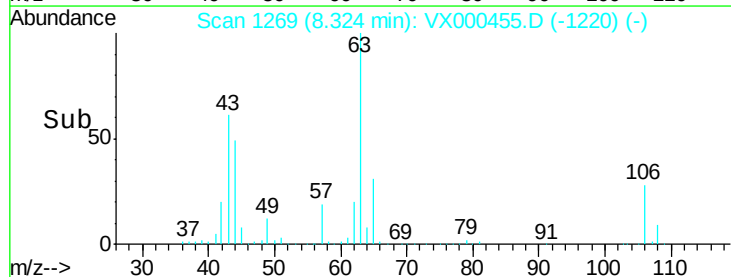
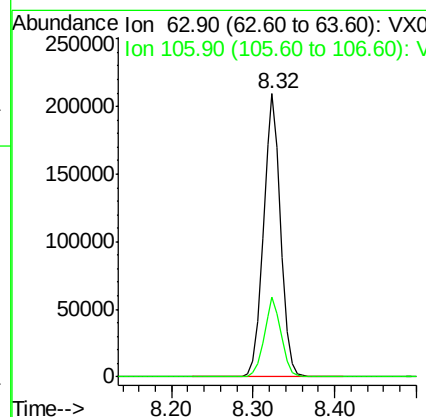
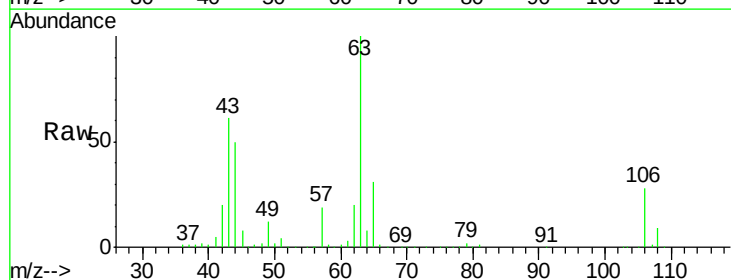
Manual Integrations
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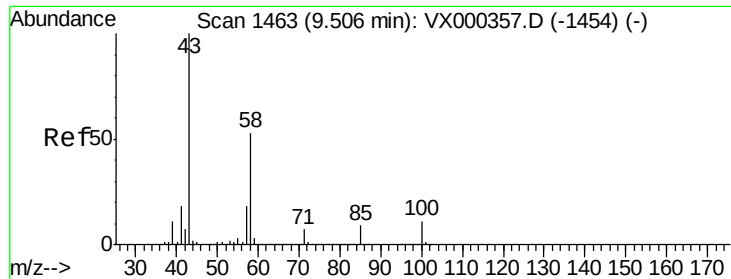
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.64 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion: 63 Resp: 310531
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.2 34.8





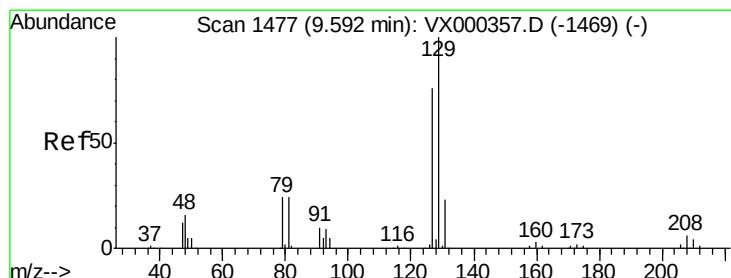
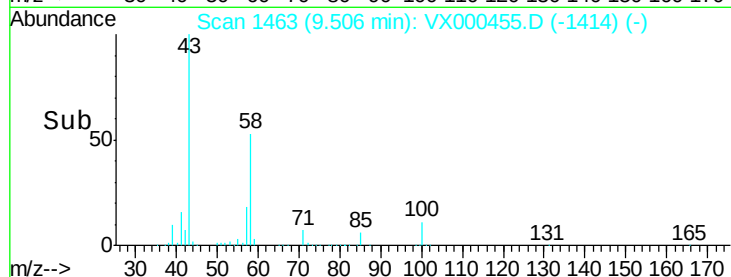
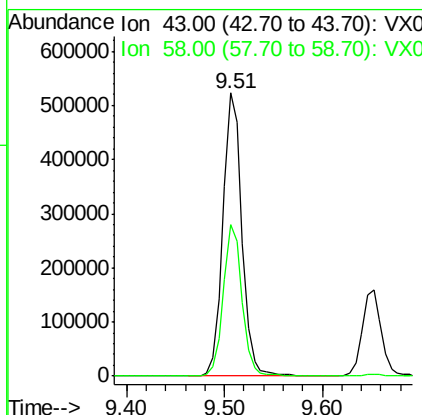
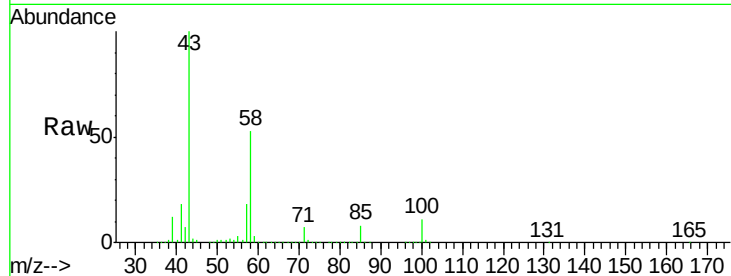
#59
2-Hexanone
Concen: 252.60 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 705695
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7

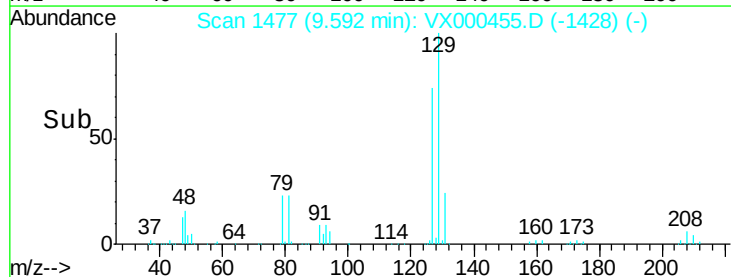
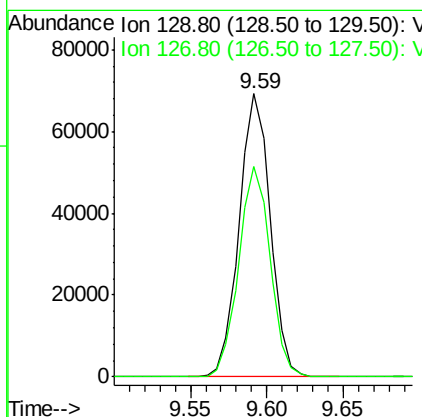
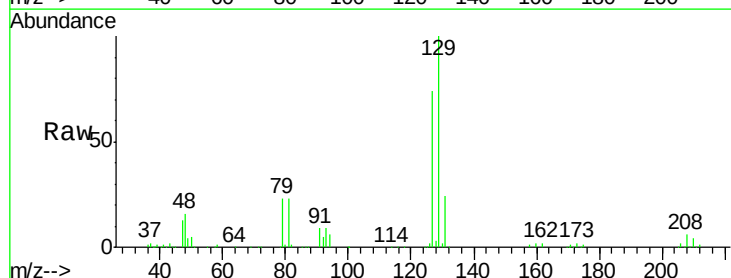
Manual Integrations
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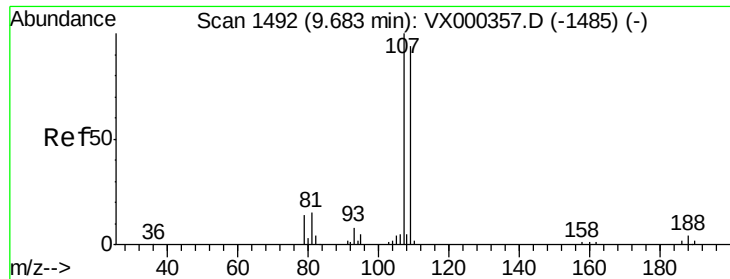
sam
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#60
Dibromochloromethane
Concen: 47.51 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion: 129 Resp: 97668
Ion Ratio Lower Upper
129 100
127 75.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.19 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 97692

Ion Ratio Lower Upper

107 100

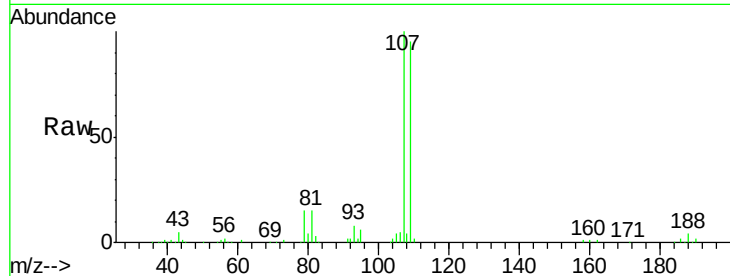
109 94.8 76.1 114.1

Manual Integrations

APPROVED

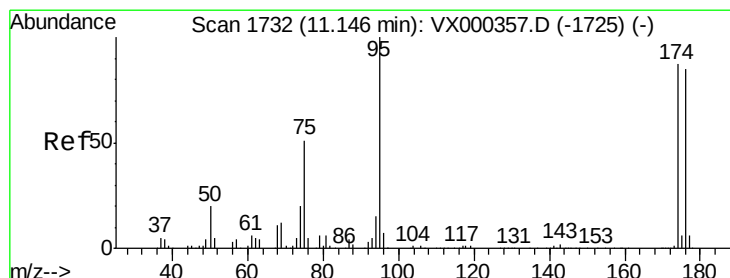
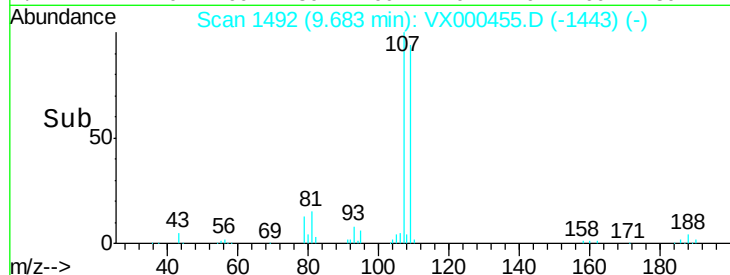
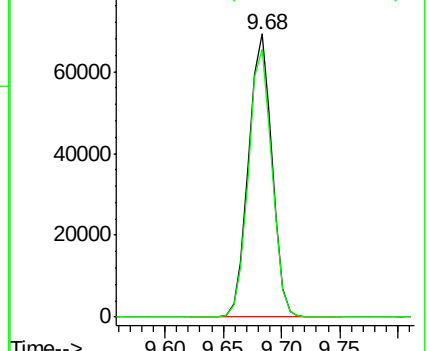
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

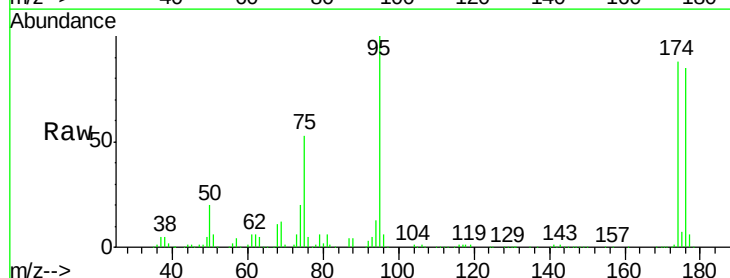
Tgt Ion: 95 Resp: 110845

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.6

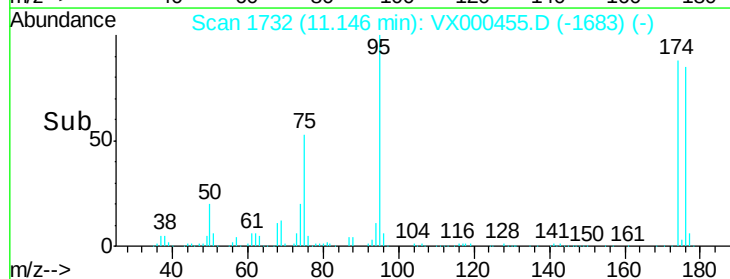
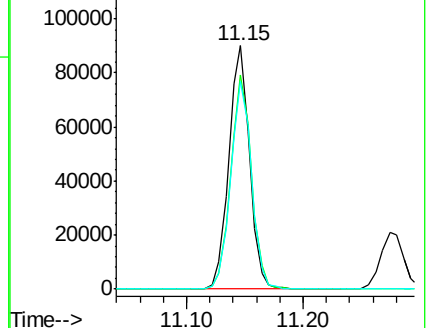
176 86.2 0.0 164.6

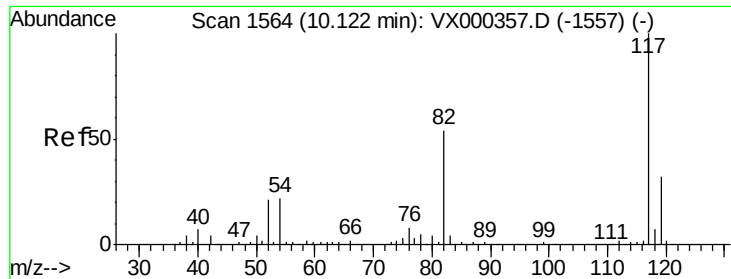


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

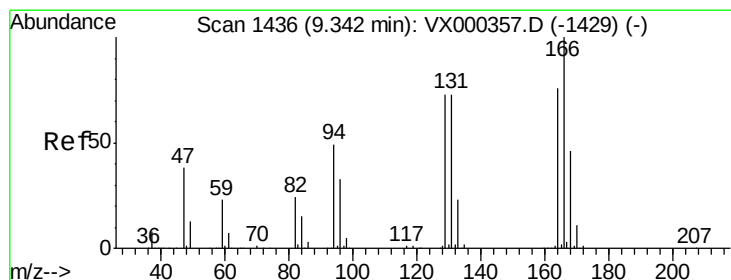
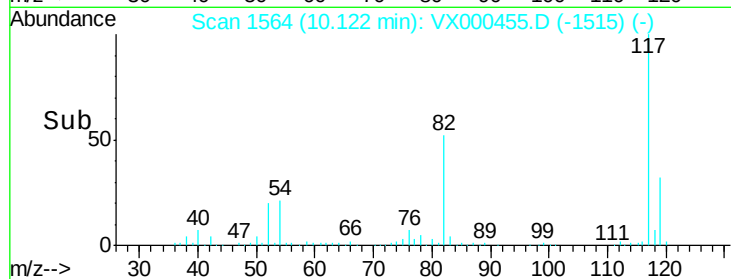
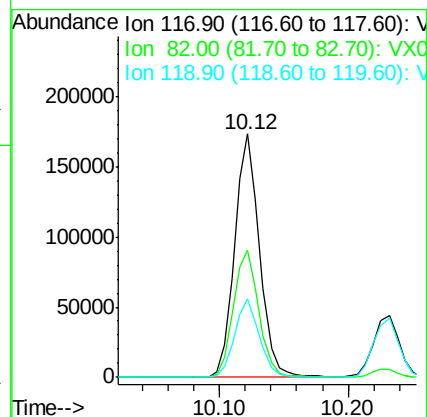
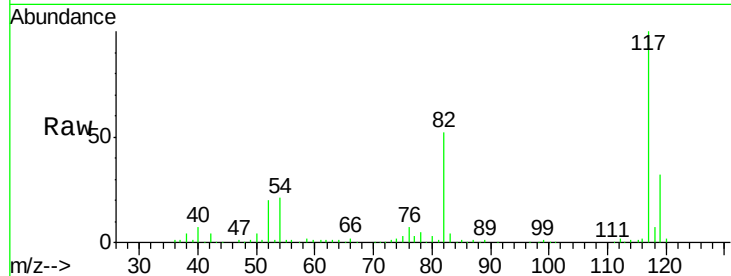
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	234501
Ion Ratio	Lower	Upper	
117	100		
82	52.2	43.8	65.8
119	32.0	24.9	37.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 45.27 ug/l

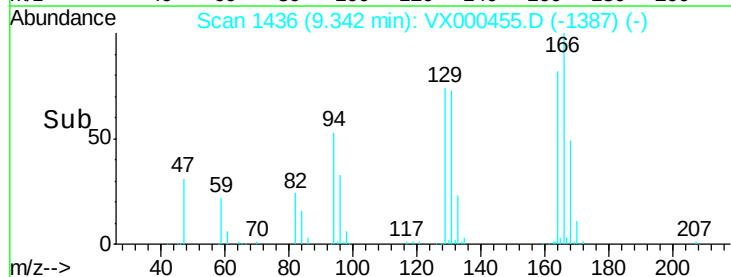
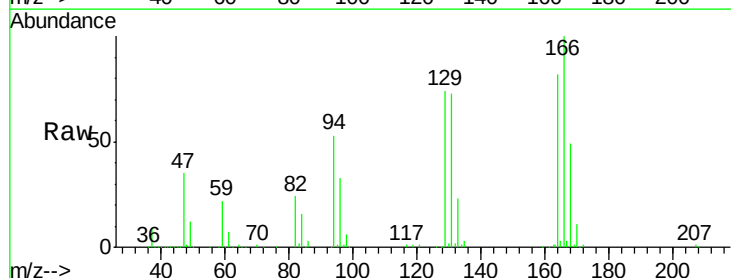
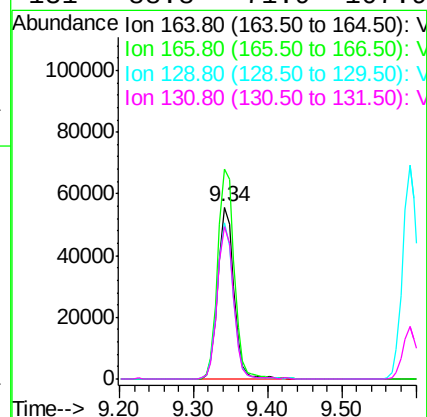
RT: 9.34 min Scan# 1436

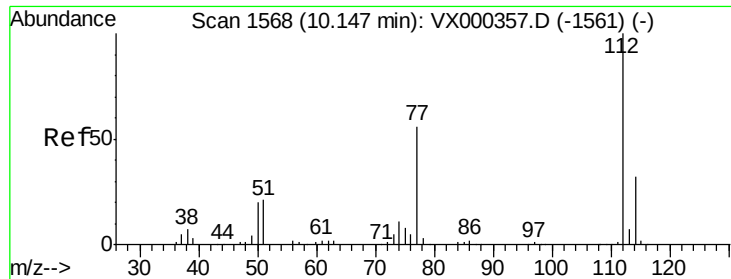
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	164	Resp:	82371
Ion Ratio	Lower	Upper	
164	100		
166	122.4	101.0	151.6
129	90.7	79.0	118.4
131	88.8	71.9	107.9





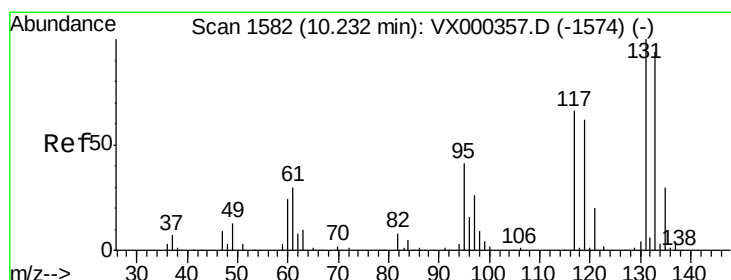
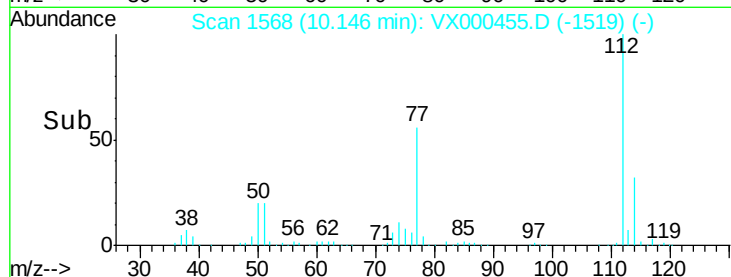
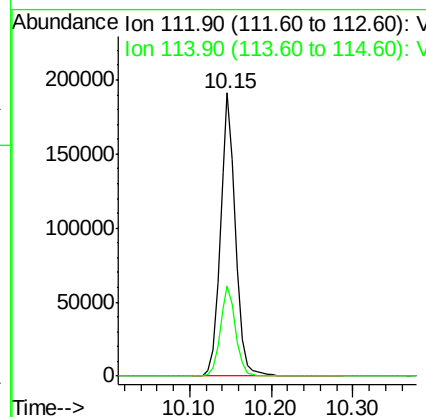
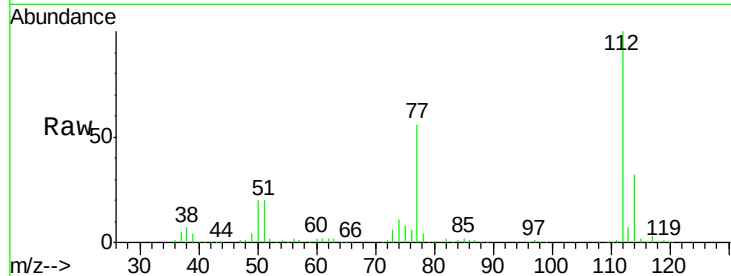
#65
Chlorobenzene
Concen: 47.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 249170
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

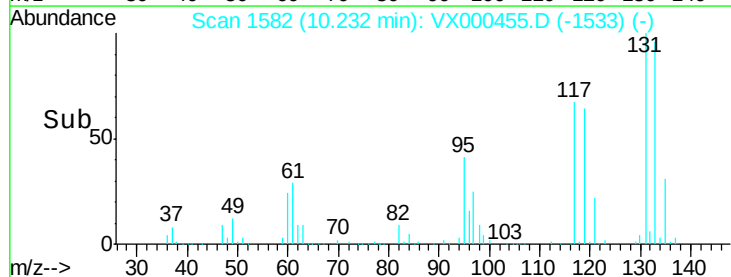
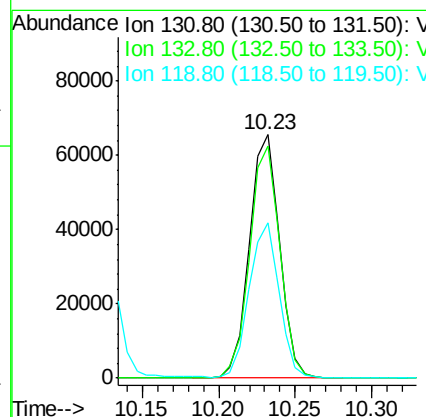
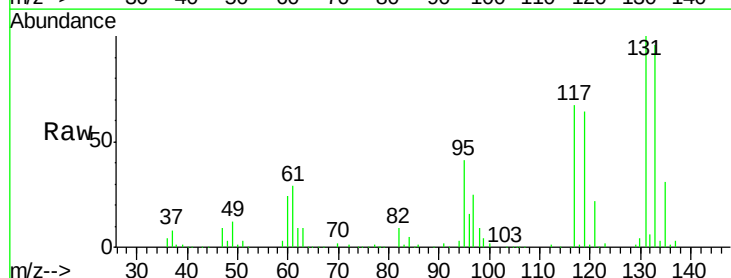
Manual Integrations
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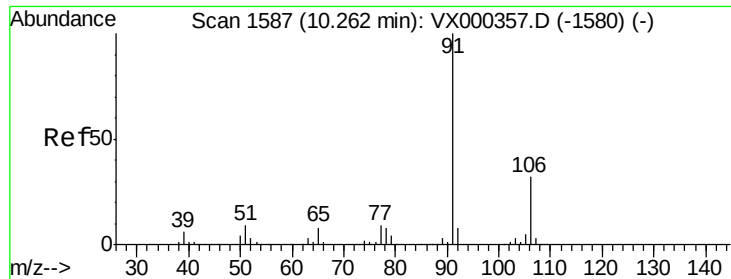
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.70 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion:131 Resp: 89860
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 63.6 33.1 99.2





#67

Ethyl Benzene

Concen: 49.36 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 436701

Ion Ratio Lower Upper

91 100

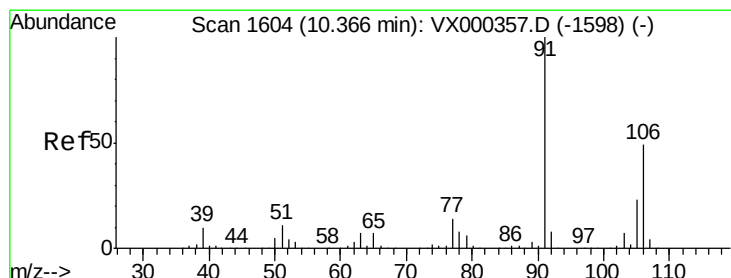
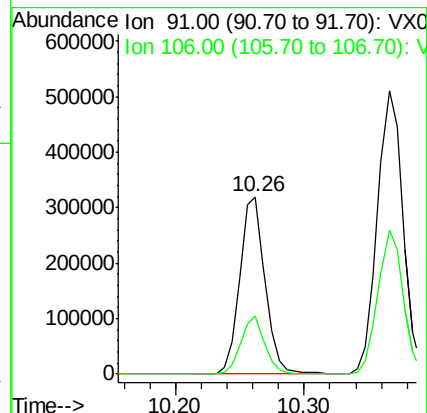
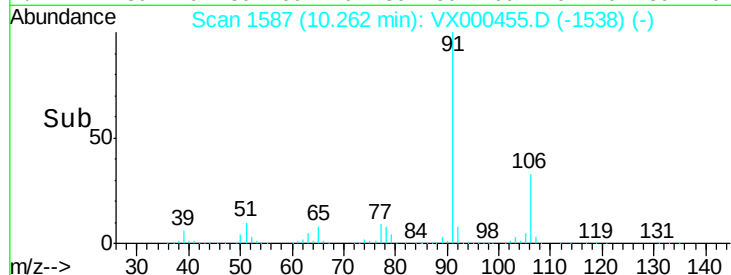
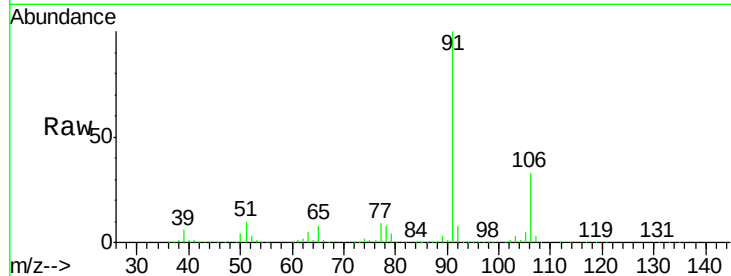
106 32.5 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.02 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000455.D

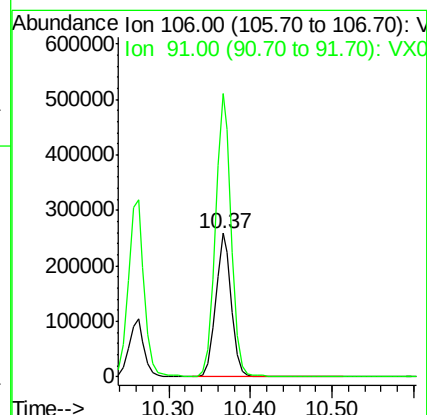
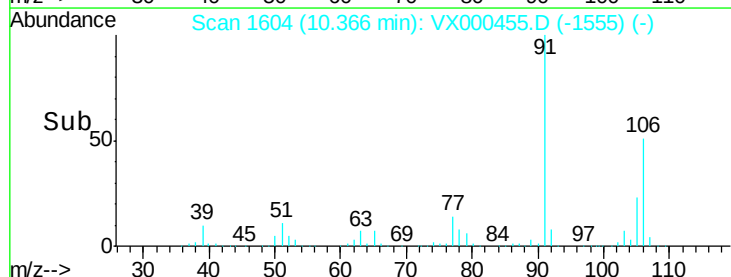
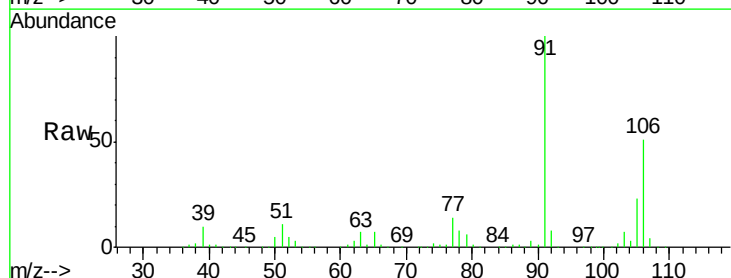
Acq: 26 Mar 2018 21:19

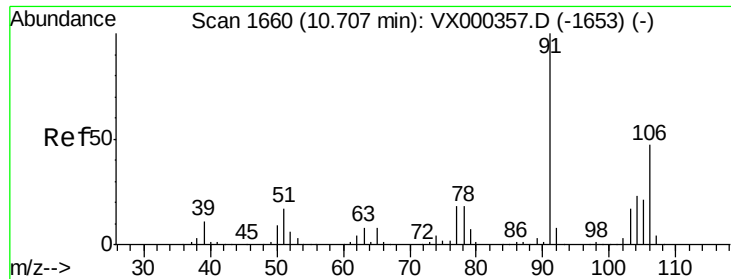
Tgt Ion: 106 Resp: 351673

Ion Ratio Lower Upper

106 100

91 200.0 163.4 245.2





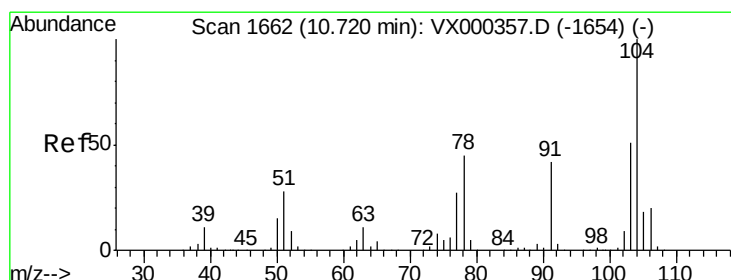
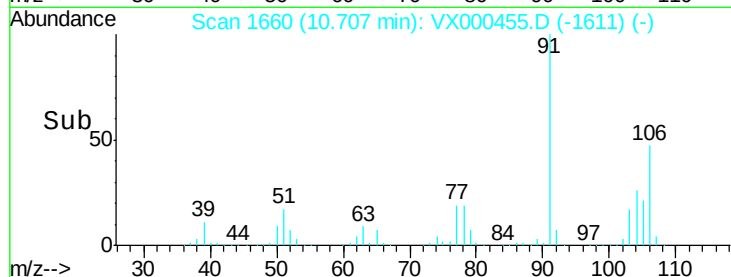
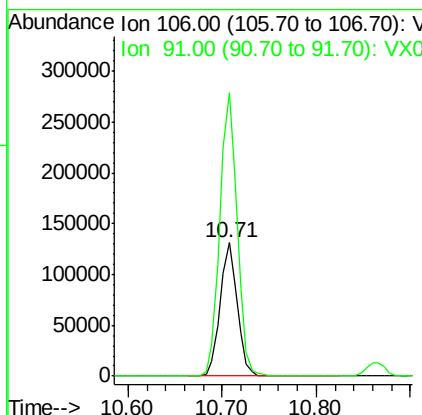
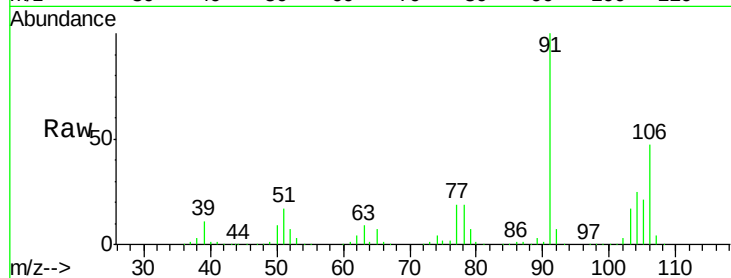
#69
o-Xylene
Concen: 49.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 166132
Ion Ratio Lower Upper
106 100
91 215.2 106.5 319.6

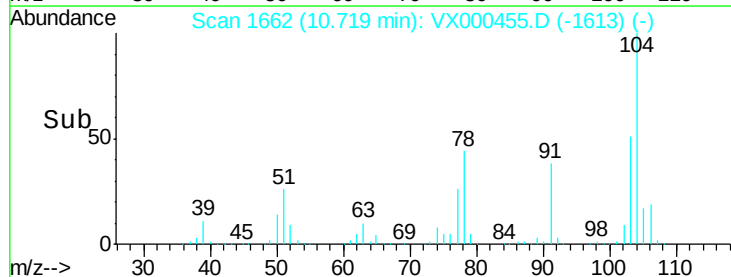
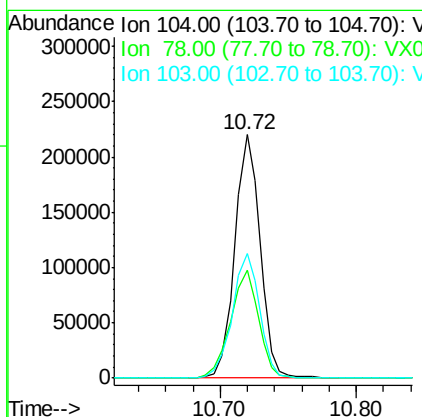
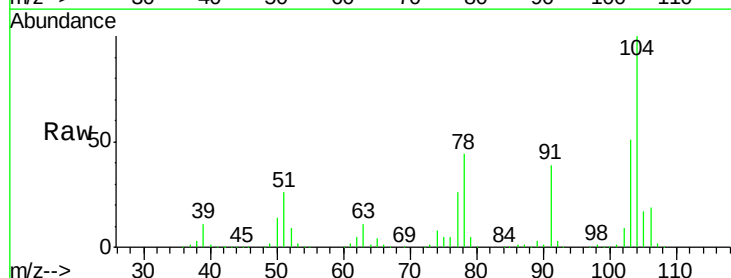
Manual Integrations
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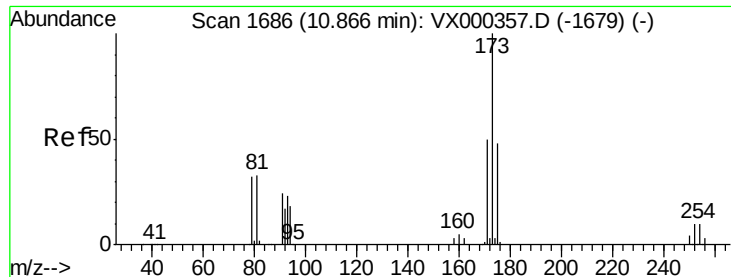
sam
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#70
Styrene
Concen: 51.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion:104 Resp: 285224
Ion Ratio Lower Upper
104 100
78 49.4 40.5 60.7
103 55.6 45.7 68.5





#71

Bromoform

Concen: 42.85 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77754

Ion Ratio Lower Upper

173 100

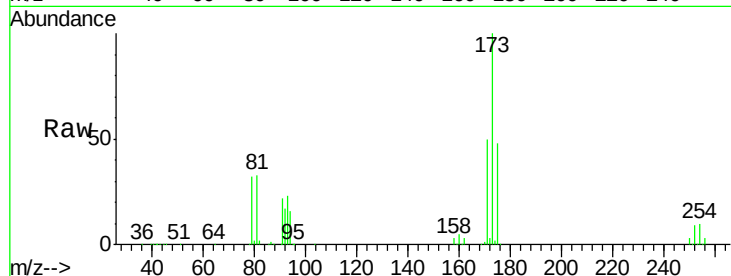
175 48.1 25.4 76.4

254 0.1 0.0 0.0#

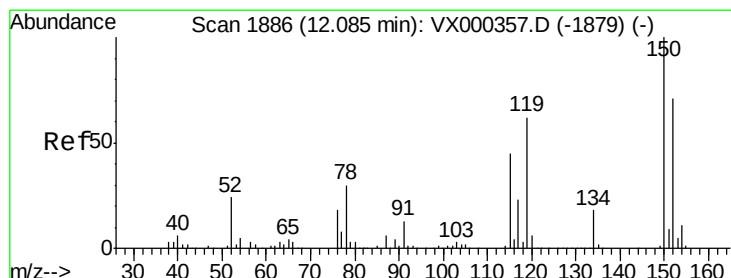
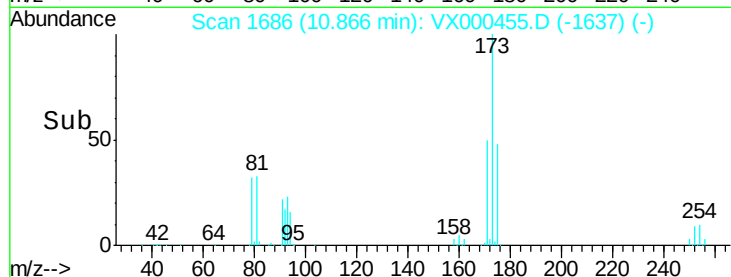
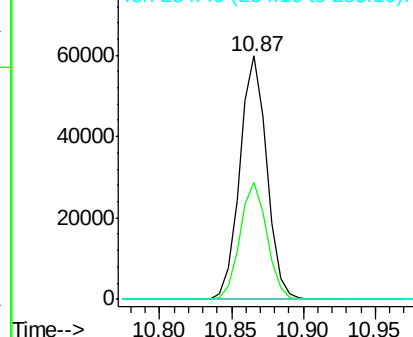
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

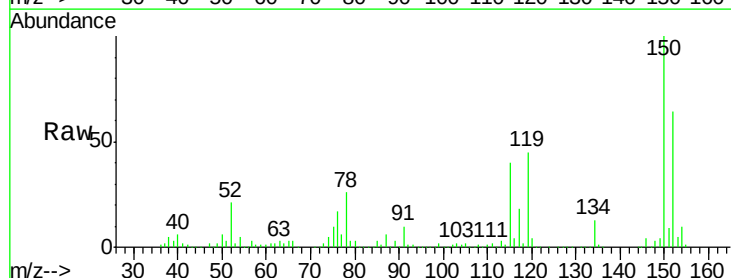
Tgt Ion:152 Resp: 148083

Ion Ratio Lower Upper

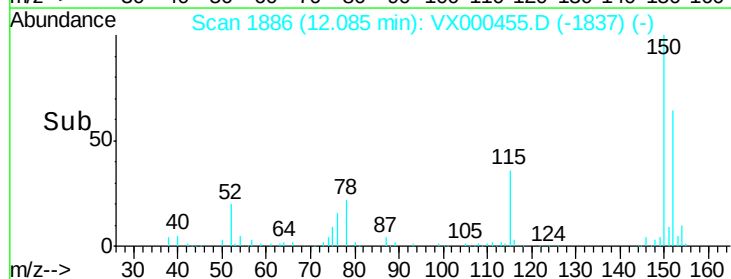
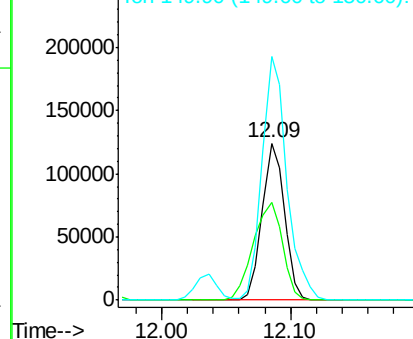
152 100

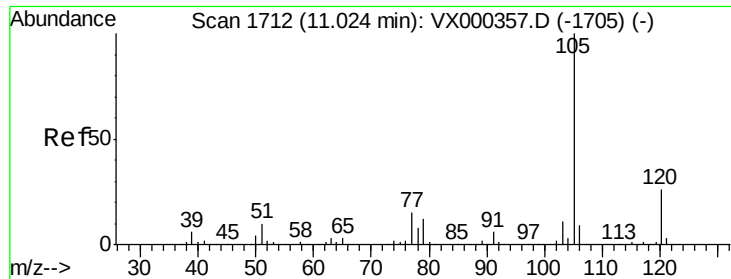
115 81.4 39.8 119.3

150 172.0 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 459181

Ion Ratio Lower Upper

105 100

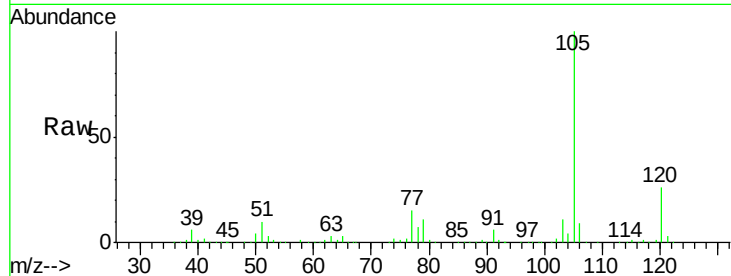
120 27.1 13.6 40.7

Manual Integrations

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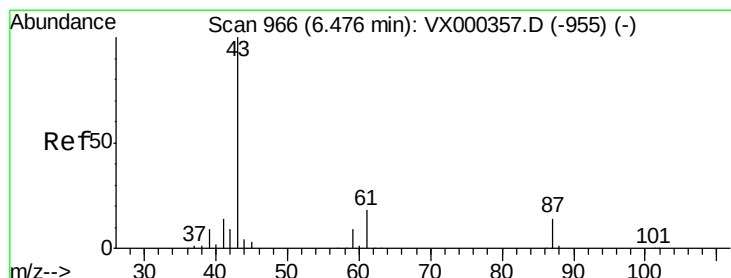
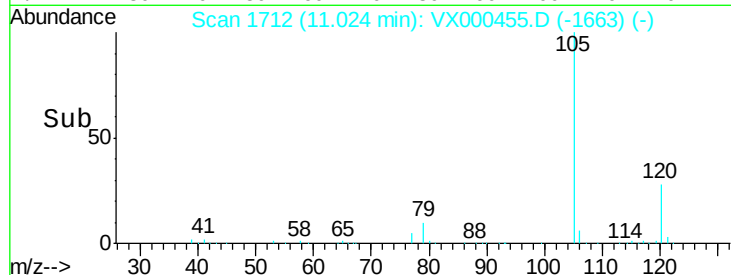
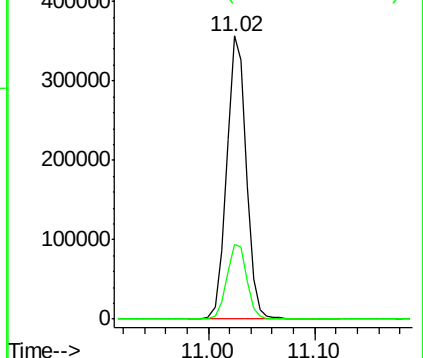
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion: 43 Resp: 218966

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

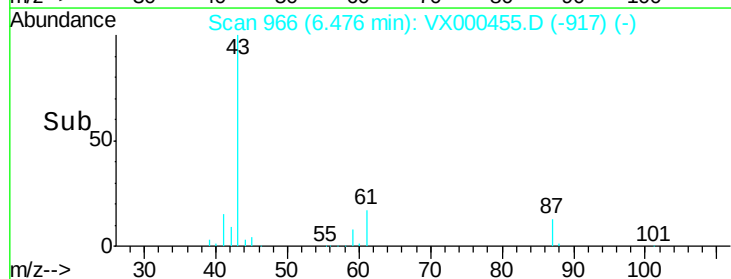
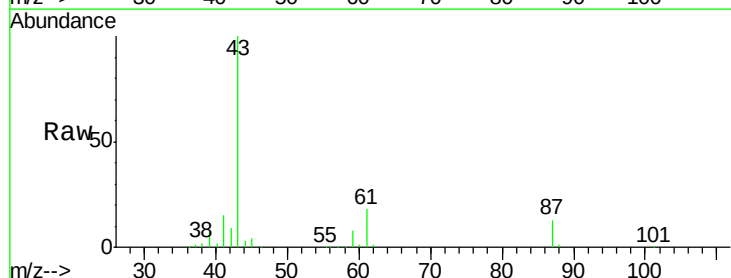
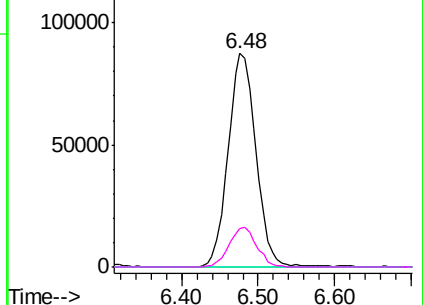
61 18.3 14.4 21.6

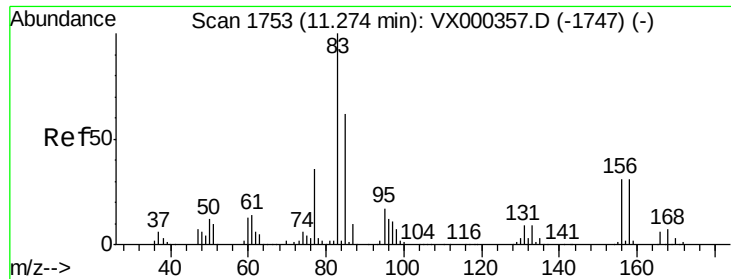
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.63 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

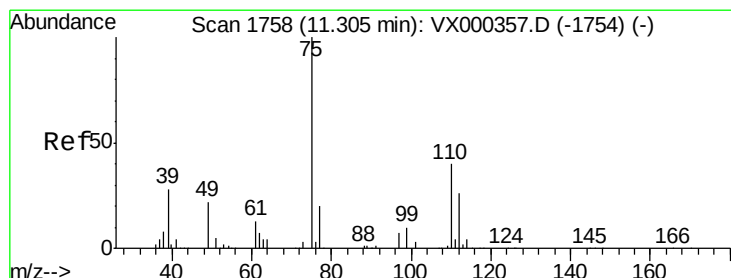
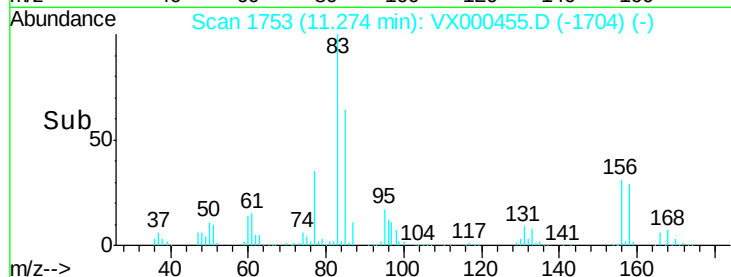
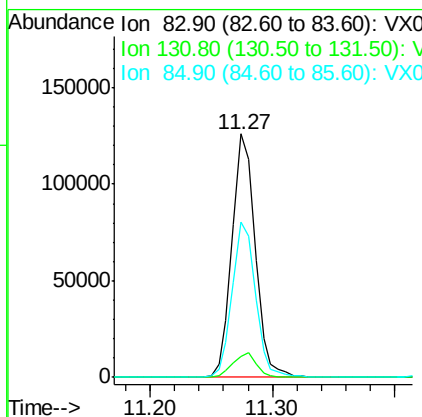
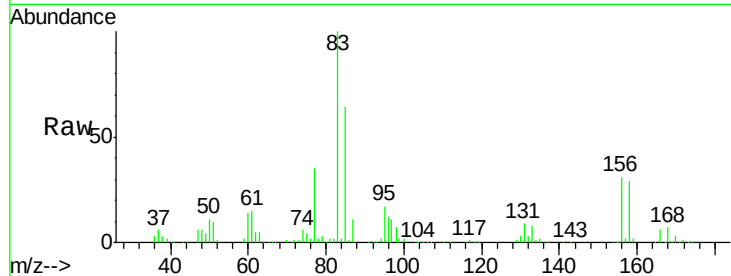
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	165303
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	64.4	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.63 ug/l m

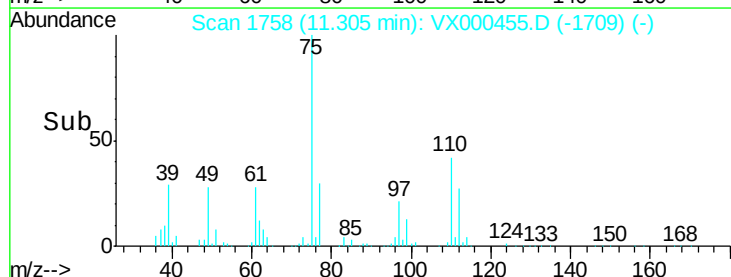
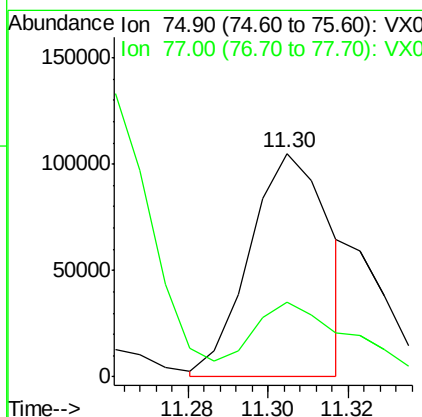
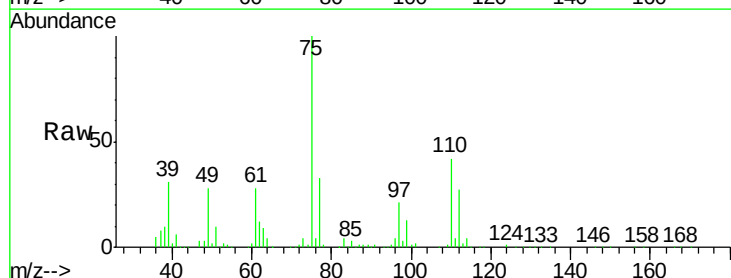
RT: 11.30 min Scan# 1758

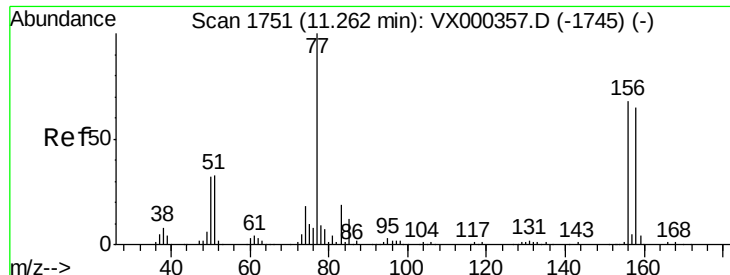
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	75	Resp:	145228
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.4	64.2





#77

Bromobenzene

Concen: 44.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

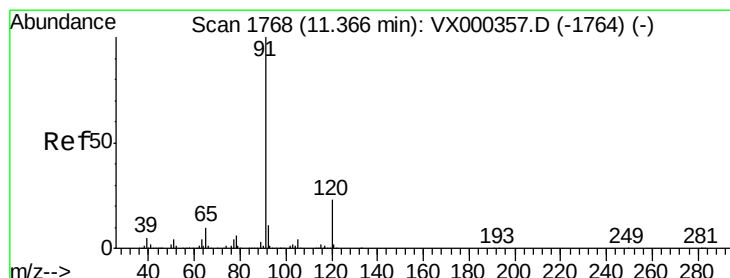
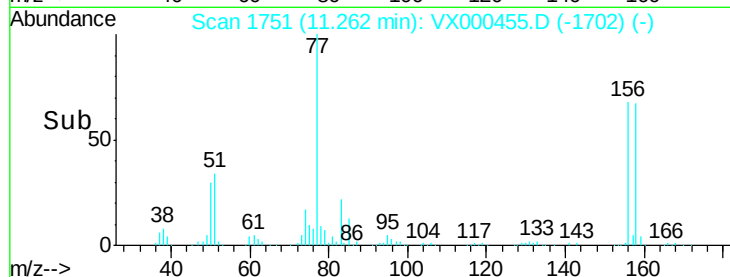
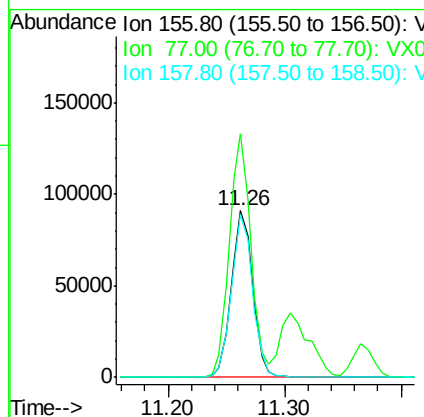
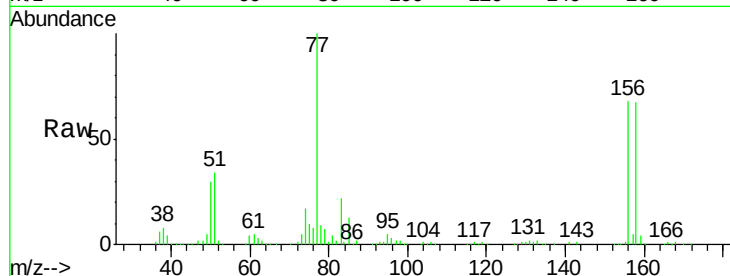
ClientSampled :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.7	73.4	220.2
158	97.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.81 ug/l

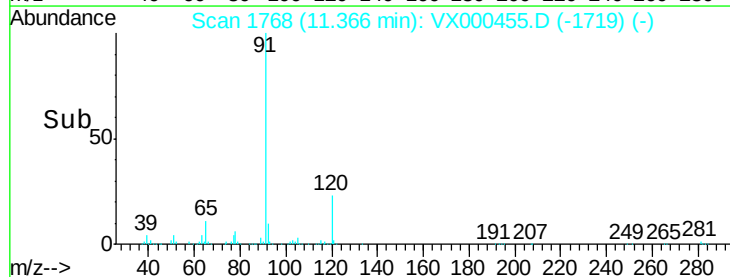
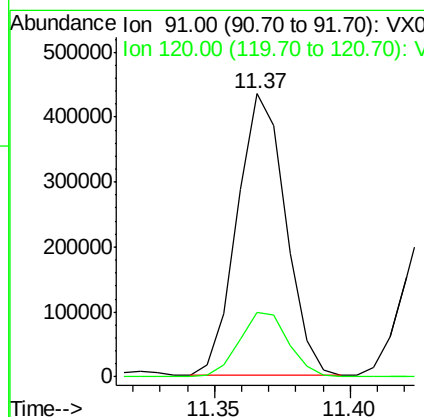
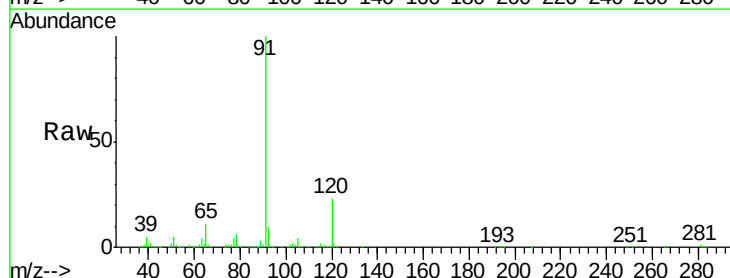
RT: 11.37 min Scan# 1768

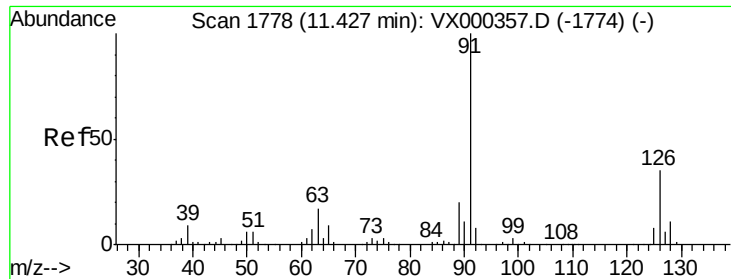
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 46.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 310924

Ion Ratio Lower Upper

91 100

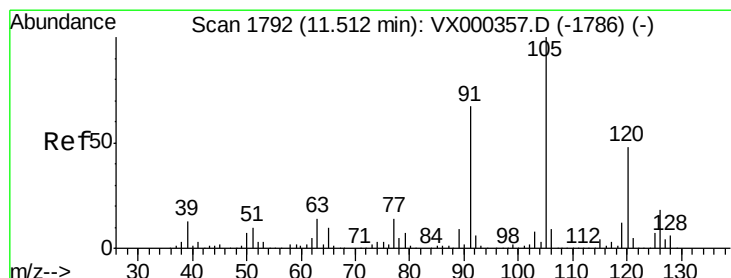
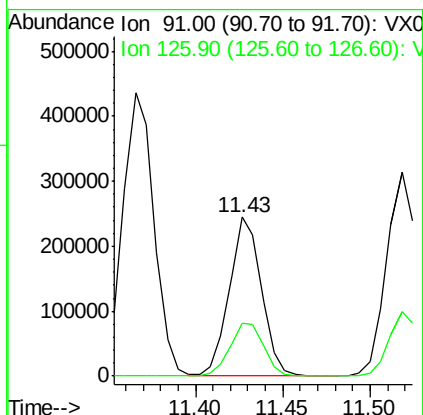
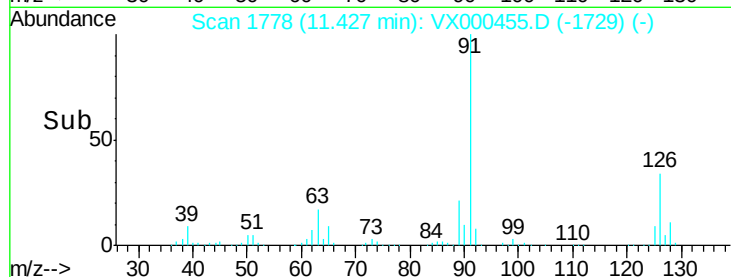
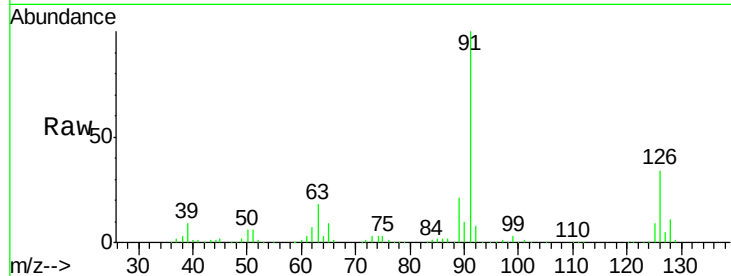
126 35.4 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000455.D

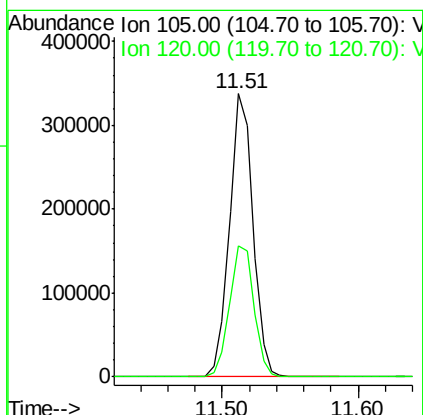
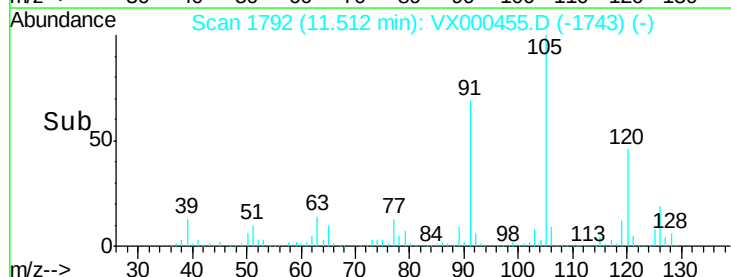
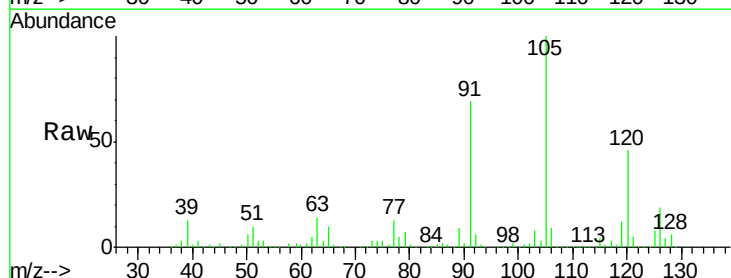
Acq: 26 Mar 2018 21:19

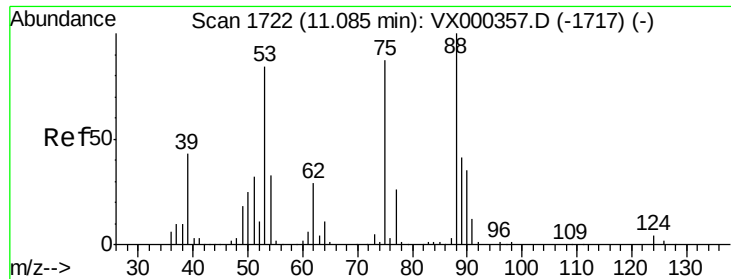
Tgt Ion: 105 Resp: 404292

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.17 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

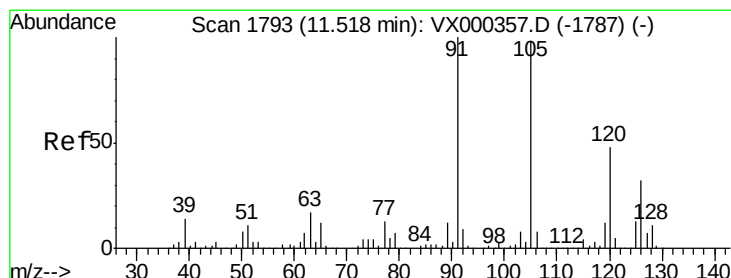
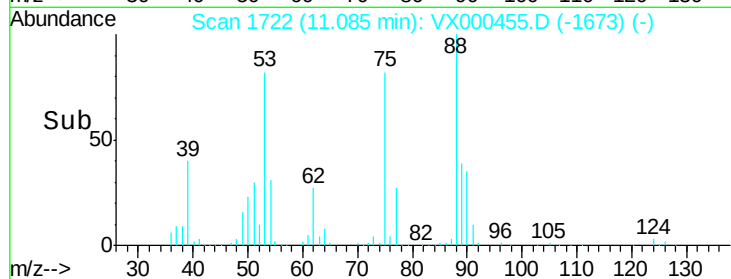
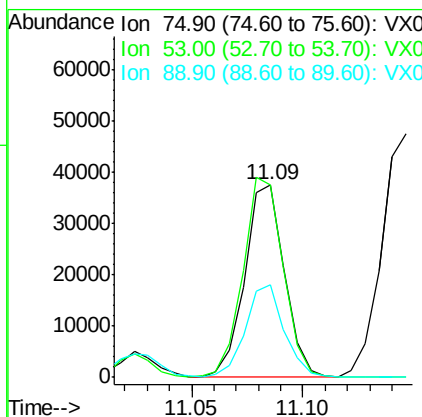
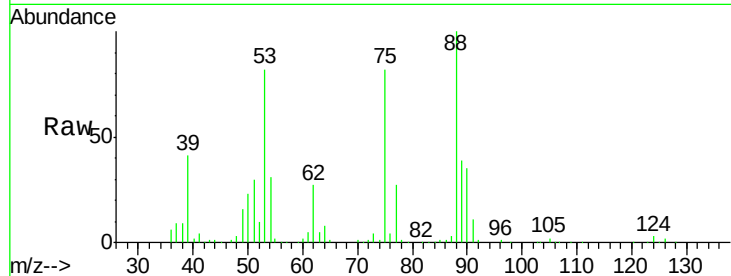
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	46367
Ion	Ratio	Lower	Upper
75	100		
53	106.4	80.7	121.1
89	47.1	39.4	59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.63 ug/l

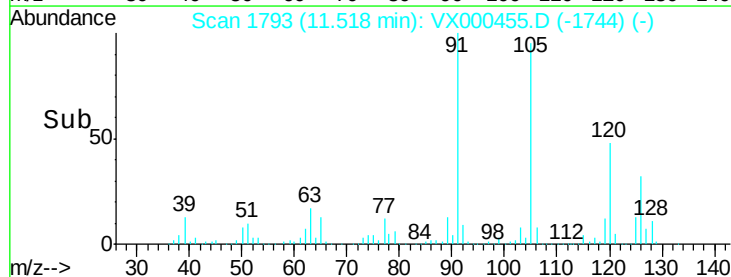
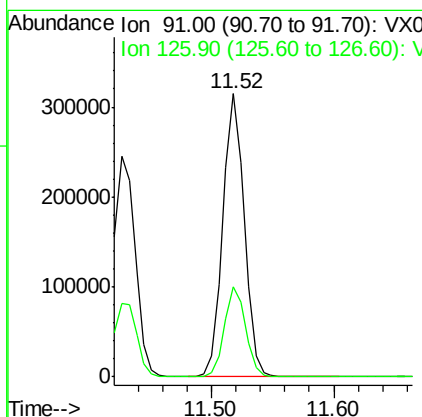
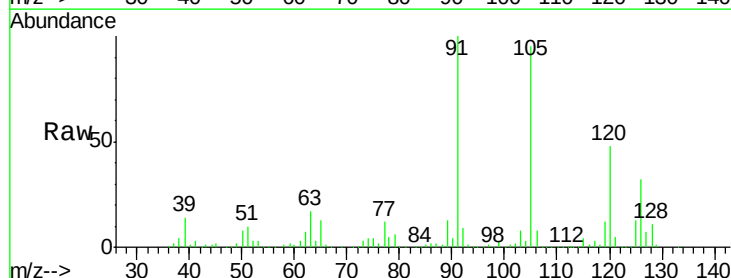
RT: 11.52 min Scan# 1793

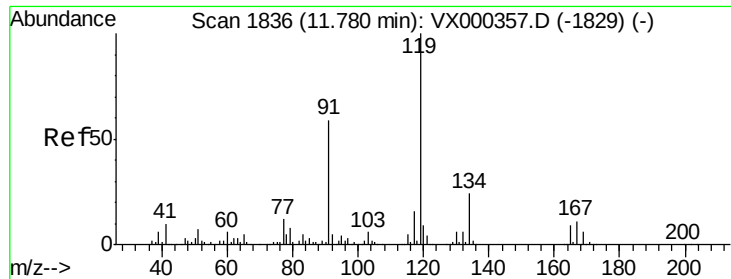
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	91	Resp:	384395
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.1





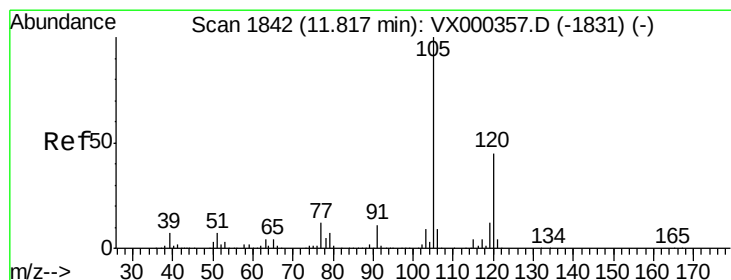
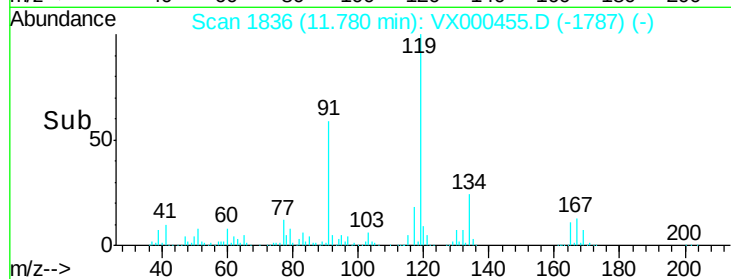
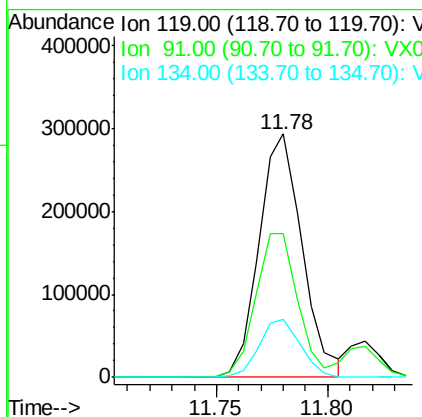
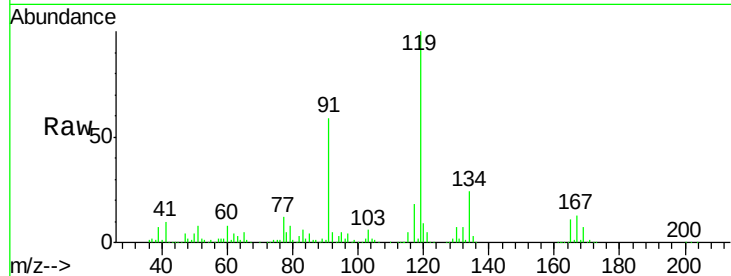
#83
 tert-Butylbenzene
 Concen: 47.50 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	395231		
91	57.8		28.8	86.4
134	23.0		11.4	34.1

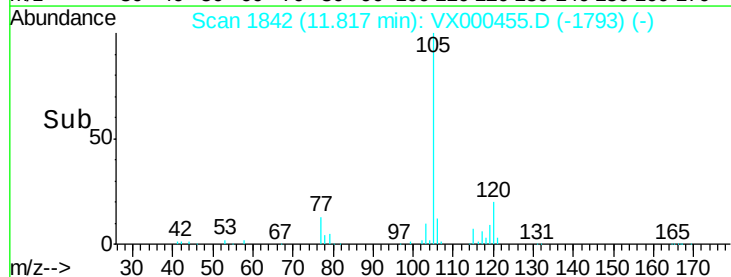
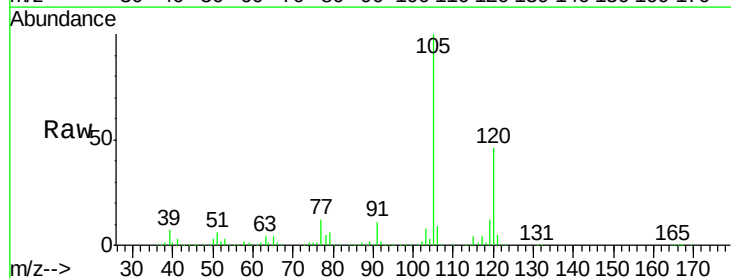
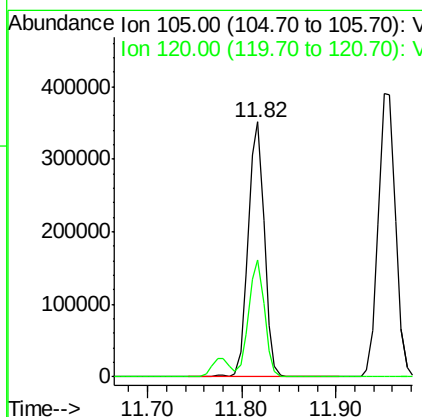
Manual Integrations
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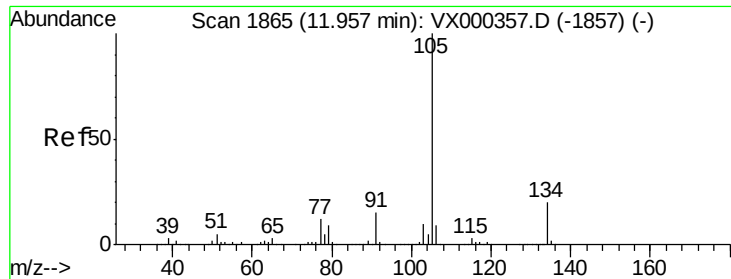
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.70 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	421231		
120	45.0		22.4	67.3





#85

sec-Butylbenzene

Concen: 48.42 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 498479

Ion Ratio Lower Upper

105 100

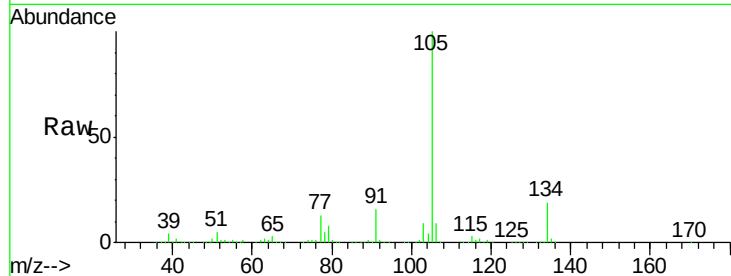
134 20.1 10.3 30.8

Manual Integrations

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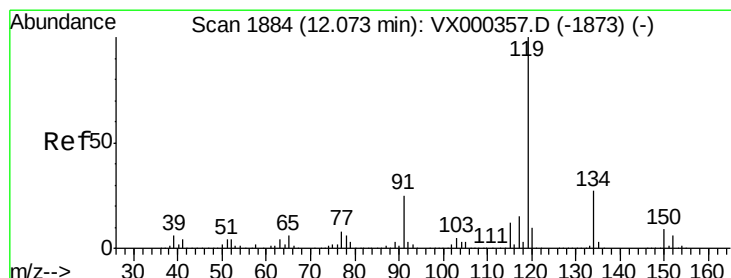
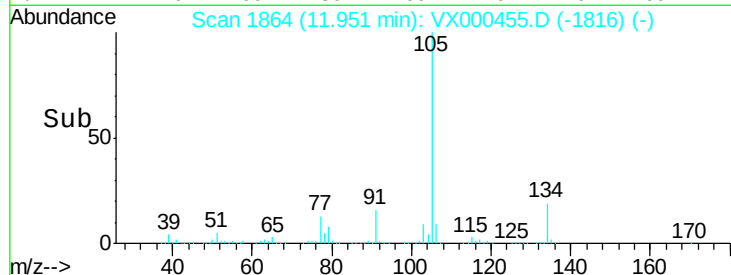
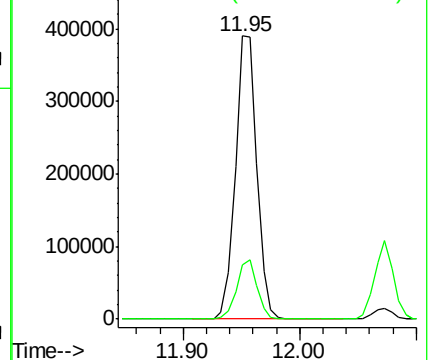
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.26 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

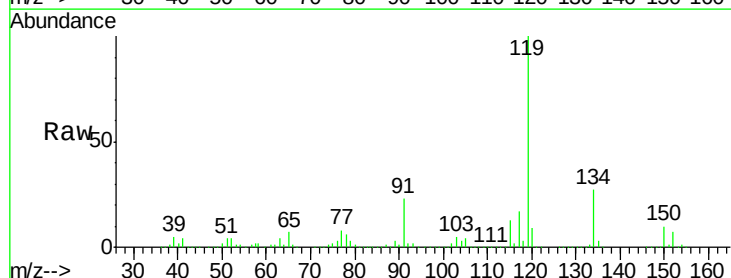
Tgt Ion:119 Resp: 459535

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

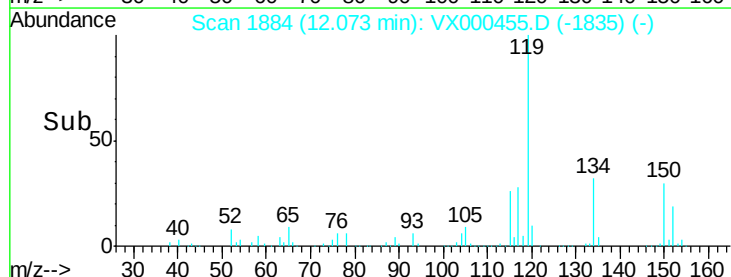
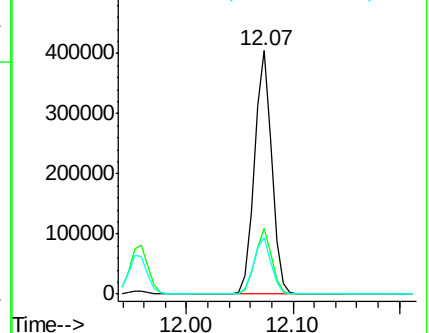
91 23.6 12.0 36.1

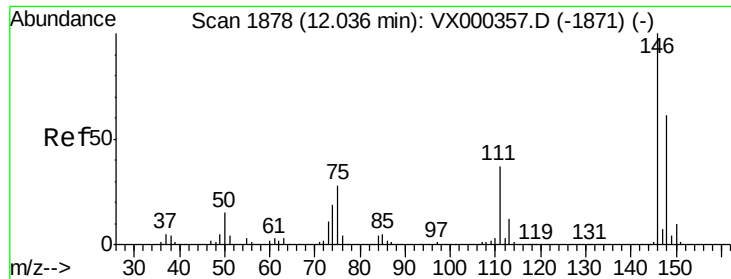


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





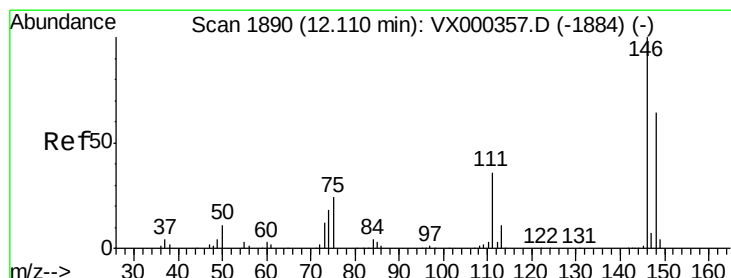
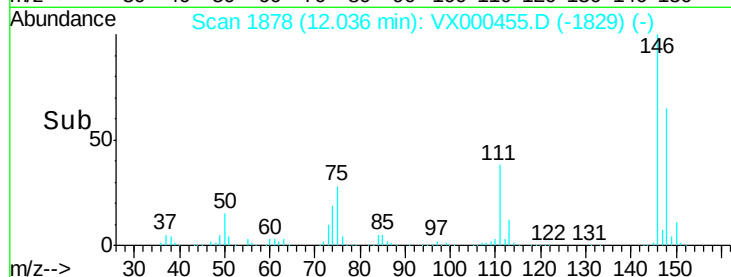
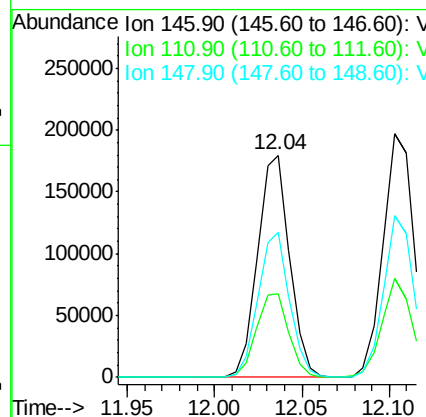
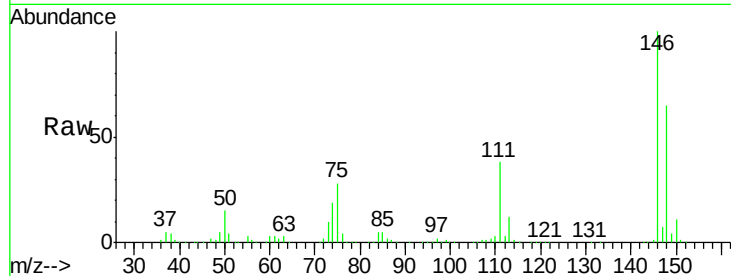
#87
 1,3-Dichlorobenzene
 Concen: 46.15 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	64.1	32.4	97.0

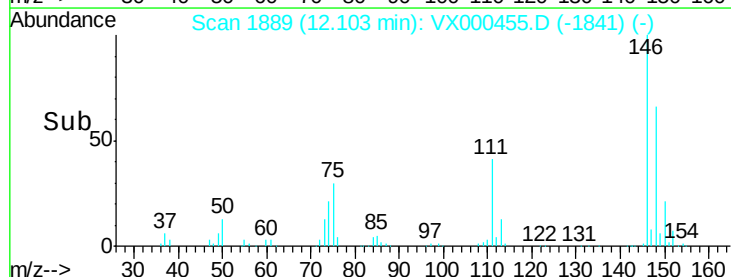
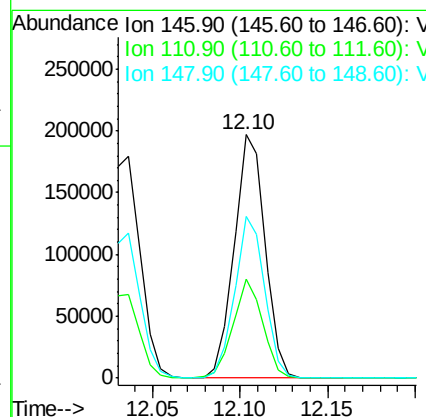
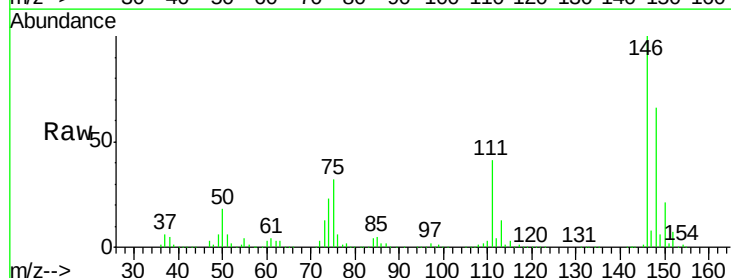
Manual Integrations
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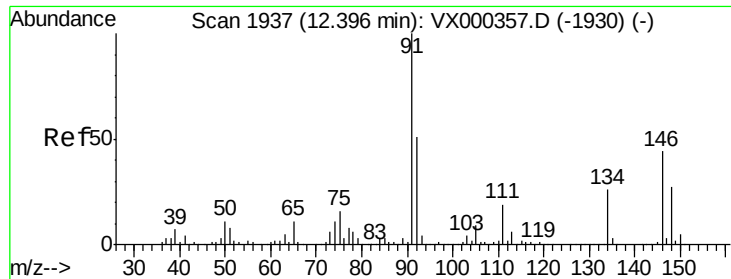
sam
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#88
 1,4-Dichlorobenzene
 Concen: 46.63 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.9
148	64.4	31.0	93.0





#89

n-Butylbenzene

Concen: 50.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

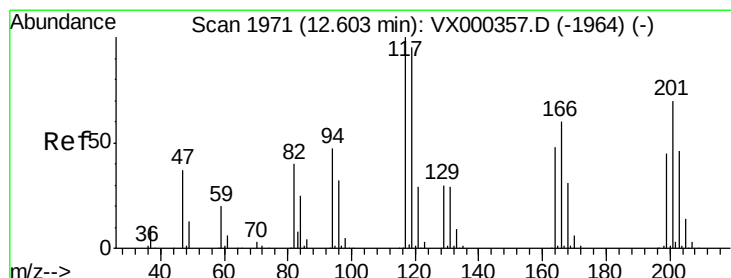
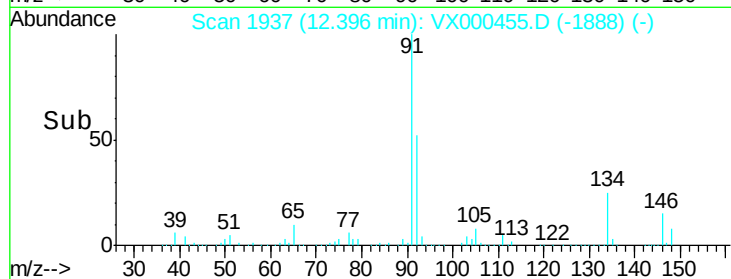
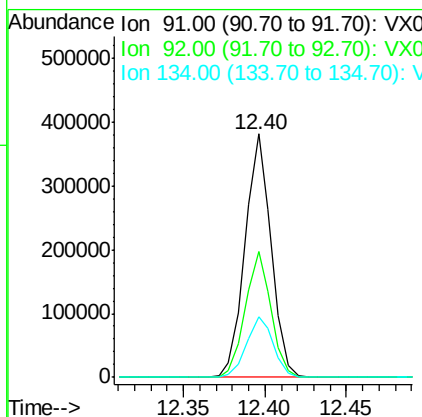
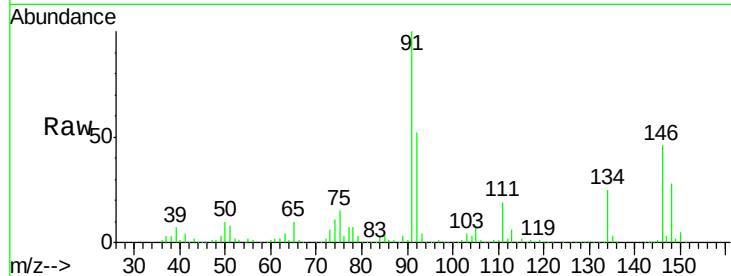
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	425974
Ion Ratio	Lower	Upper	
91	100		
92	51.0	25.9	77.8
134	25.7	13.1	39.3

Manual Integrations
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#90

Hexachloroethane

Concen: 50.25 ug/l

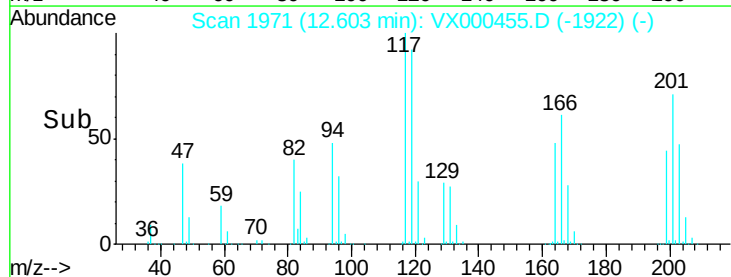
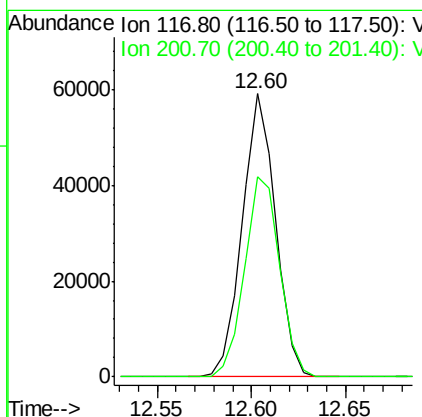
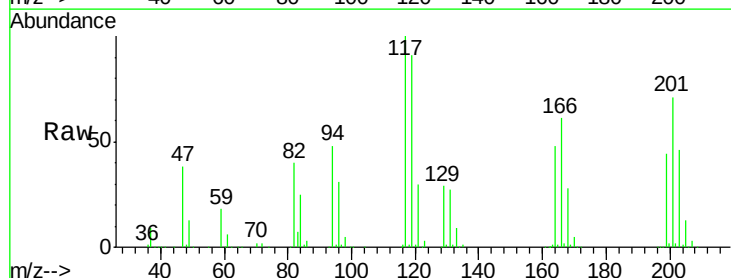
RT: 12.60 min Scan# 1971

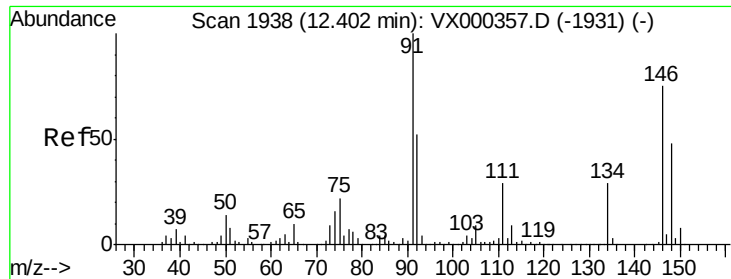
Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	117	Resp:	72320
Ion Ratio	Lower	Upper	
117	100		
201	74.8	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 48.78 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Instrument :

MSVOA_X

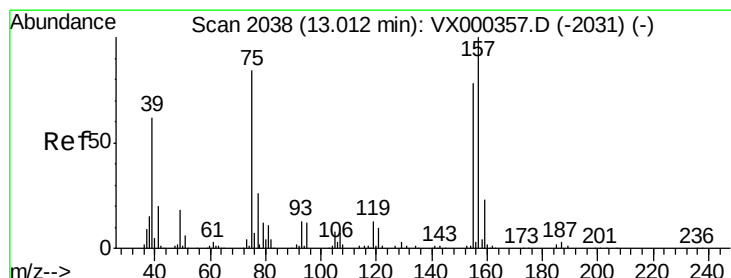
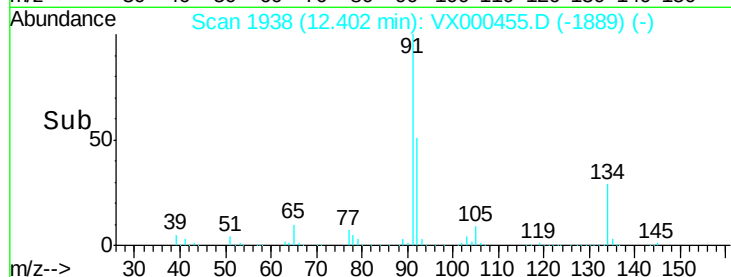
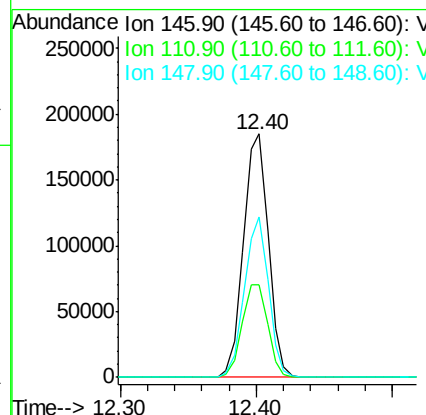
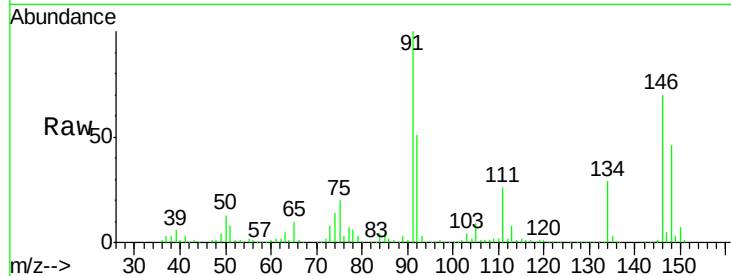
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	236334
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.1	60.2
148	63.6	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.97 ug/l

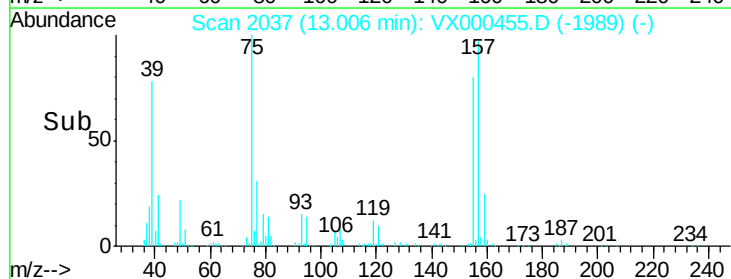
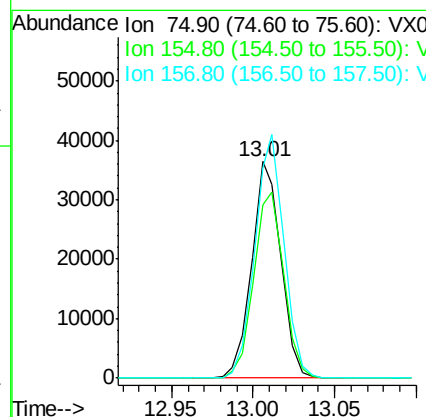
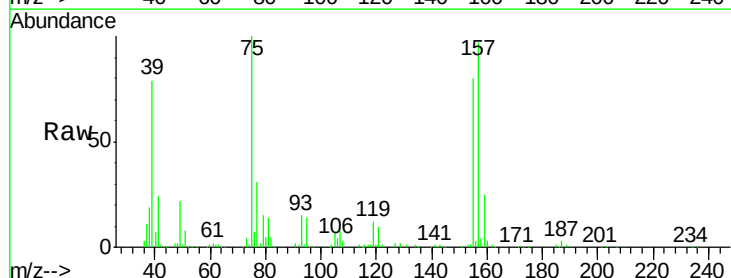
RT: 13.01 min Scan# 2037

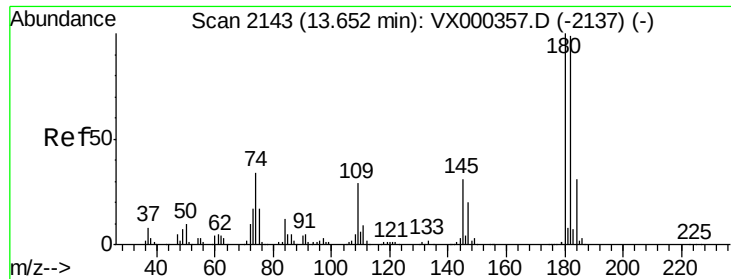
Delta R.T. -0.01 min

Lab File: VX000455.D

Acq: 26 Mar 2018 21:19

Tgt Ion:	75	Resp:	45457
Ion Ratio	Lower	Upper	
75	100		
155	88.5	45.0	134.8
157	111.8	58.1	174.2





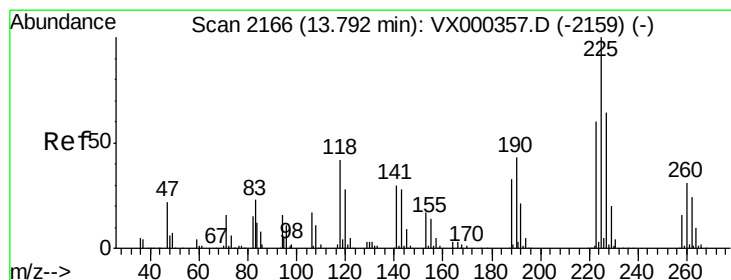
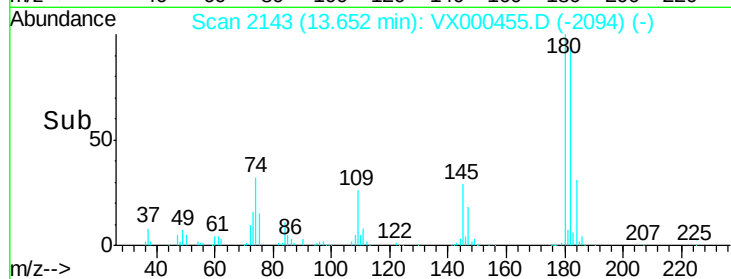
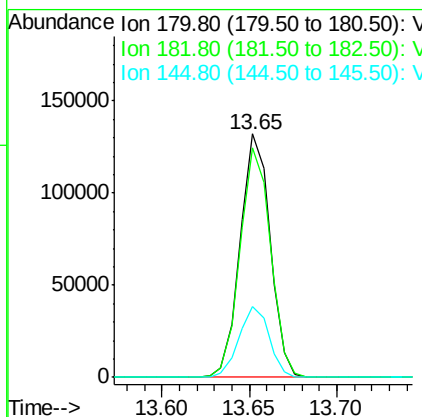
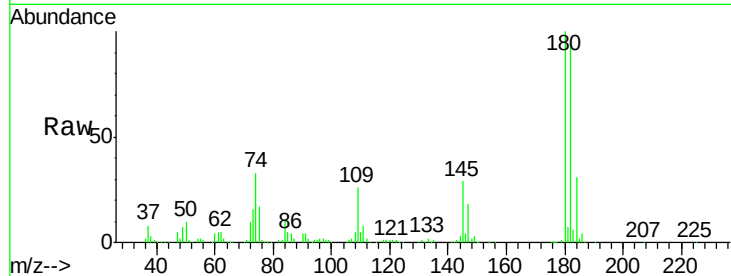
#93
 1,2,4-Trichlorobenzene
 Concen: 45.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	29.5	15.1	45.3

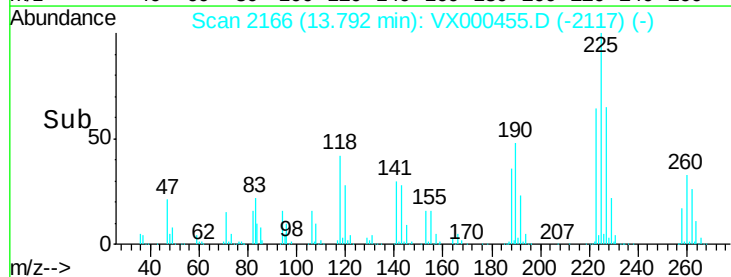
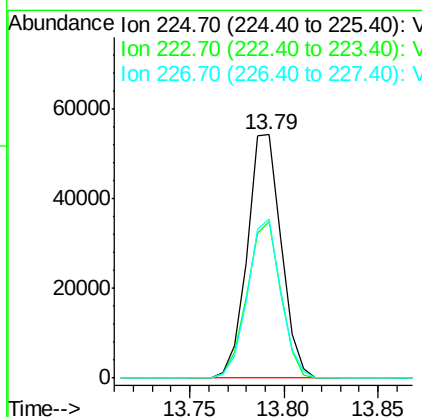
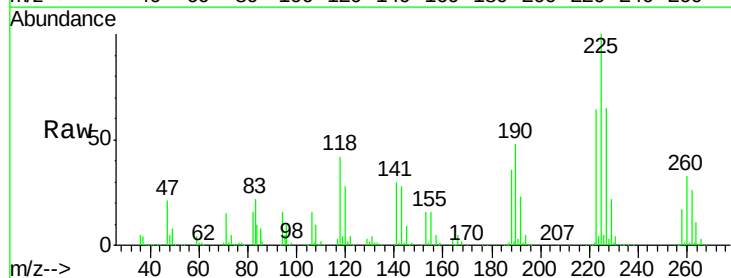
Manual Integrations
 APPROVED

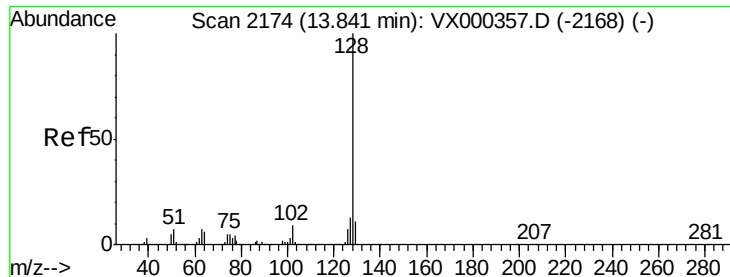
sam
 3/27/2018 5:24:18 PM



#94
 Hexachlorobutadiene
 Concen: 47.19 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000455.D
 Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.0	96.0
227	63.8	32.6	98.0





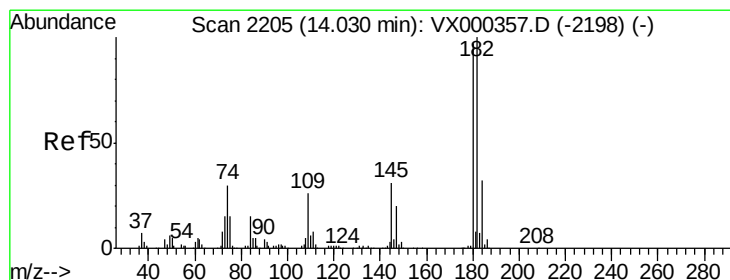
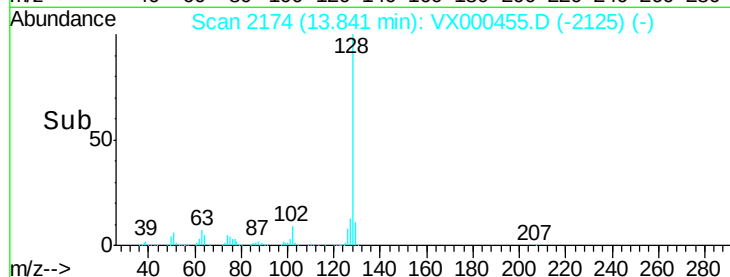
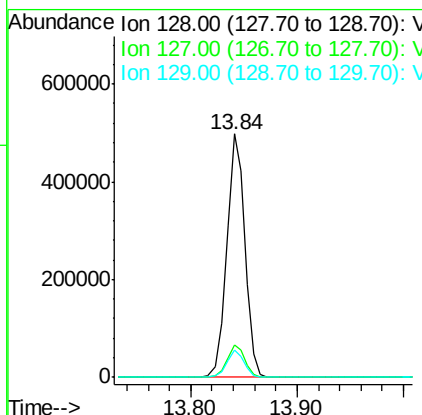
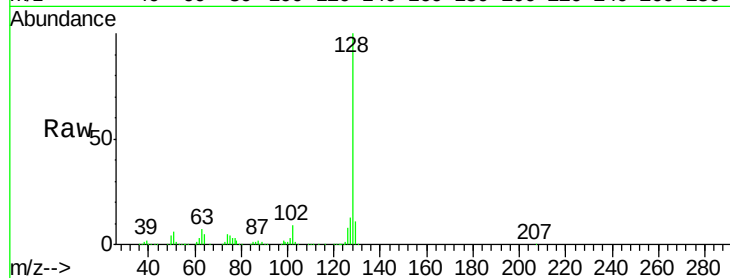
#95
Naphthalene
Concen: 48.76 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.6	8.9	13.3

Manual Integrations
APPROVED

sam
3/27/2018 5:24:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.44 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000455.D
Acq: 26 Mar 2018 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.4	142.3
145	31.2	15.8	47.3

