

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007565.D
 Acq On : 15 Feb 2019 13:58
 Operator : JC/SP
 Sample : VX0216WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:40:01 AM

Quant Time: Feb 16 03:58:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	77687	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	408747	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	364048	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	148687	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	167271	29.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.80%
63) Toluene-d8	8.71	98	493653	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	81435	20.700	ug/l 98
3) Chloromethane	1.33	50	85568	19.791	ug/l 96
4) Vinyl Chloride	1.41	62	94221	19.374	ug/l 100
5) Bromomethane	1.64	94	81273	18.714	ug/l 99
6) Chloroethane	1.73	64	60794	18.390	ug/l 96
7) Trichlorofluoromethane	1.93	101	149483	19.608	ug/l 96
8) Diethyl Ether	2.19	74	58324	19.152	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88585	20.596	ug/l 98
10) 1,1-Dichloroethene	2.38	96	83769	19.627	ug/l 100
11) Methyl Iodide	2.51	142	102649	16.734	ug/l 98
12) Methyl Acetate	2.78	43	110378	18.753	ug/l 99
13) Acrolein	2.30	56	94911	92.441	ug/l 99
14) Acrylonitrile	3.15	53	264147	97.400	ug/l 99
15) Acetone	2.45	58	76307	103.677	ug/l 96
16) Carbon Disulfide	2.57	76	218259	19.284	ug/l 97
17) Allyl chloride	2.73	41	142601	19.501	ug/l 98
18) Methylene Chloride	2.86	84	93893	19.562	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	87876	19.250	ug/l 97
20) Diisopropyl ether	3.87	45	271468	19.644	ug/l 98
21) 1,1-Dichloroethane	3.70	63	157393	20.315	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	102375	20.152	ug/l 99
23) tert-Butyl Alcohol	3.07	59	113461	99.538	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	286866	19.368	ug/l 99
25) Chloroform	5.21	83	160986	19.674	ug/l 95
26) Cyclohexane	5.57	56	134095	20.641	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	116235	20.387	ug/l 98
30) 2-Butanone	4.70	43	357641	105.994	ug/l 99
31) 2,2-Dichloropropane	4.59	77	110178	23.785	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	137365	20.157	ug/l 99
33) Carbon Tetrachloride	5.78	117	120985	20.083	ug/l 95
34) Benzene	6.14	78	356072	19.810	ug/l 97
35) Methacrylonitrile	5.06	41	68761	19.600	ug/l 97
36) 1,2-Dichloroethane	6.20	62	123398	20.173	ug/l 99
37) Trichloroethene	7.22	130	104748	20.270	ug/l 95
38) Methylcyclohexane	7.46	83	138892	21.044	ug/l 99
39) 1,2-Dichloropropane	7.52	63	90703	20.288	ug/l 95
40) Dibromomethane	7.66	93	64001	19.821	ug/l 97

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	111404	19.442	ug/l	98
42) Vinyl Acetate	3.82	43	1219805	103.282	ug/l	100
43) Ethyl Acetate	4.85	43	130793	20.241	ug/l #	80
44) Isopropyl Acetate	6.46	43	200043	20.051	ug/l	100
45) 1,4-Dioxane	7.75	88	48312	410.322	ug/l	98
46) Methyl methacrylate	7.77	41	100859	19.964	ug/l	98
47) n-amyl Acetate	10.90	43	171243	19.474	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	115997	19.610	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	132607	20.131	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	95108	20.202	ug/l	98
51) Ethyl methacrylate	9.18	69	133308	19.531	ug/l	97
52) 1,3-Dichloropropane	9.37	76	153376	20.197	ug/l	100
53) Dibromochloromethane	9.58	129	94831	19.366	ug/l	99
54) 1,2-Dibromoethane	9.67	107	102384	19.860	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	343873	99.096	ug/l	99
56) Bromoform	10.85	173	69106	18.710	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	669860	102.297	ug/l	100
59) 2-Hexanone	9.49	43	513931	103.329	ug/l	100
61) Tetrachloroethene	9.34	164	104564	20.233	ug/l	97
62) Toluene	8.79	91	399735	20.162	ug/l	97
64) Chlorobenzene	10.13	112	254603	19.760	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	93077	19.944	ug/l	99
66) Ethyl Benzene	10.25	91	419906	19.958	ug/l	99
67) m/p-Xylenes	10.36	106	328415	39.797	ug/l	99
68) o-Xylene	10.69	106	162650	20.209	ug/l	96
69) Styrene	10.71	104	255457	19.669	ug/l	100
70) Isopropylbenzene	11.02	105	424015	19.969	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	141364	20.140	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	148776m	23.182	ug/l	
73) Bromobenzene	11.26	156	115929	19.998	ug/l	99
74) n-propylbenzene	11.36	91	471337	19.992	ug/l	100
75) 2-Chlorotoluene	11.42	91	279116	19.800	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	341925	19.727	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	34773	18.771	ug/l	95
78) 4-Chlorotoluene	11.51	91	316983	19.700	ug/l	100
79) tert-butylbenzene	12.06	119	366423	19.909	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	352342	20.025	ug/l	98
81) sec-Butylbenzene	11.94	105	413151	19.961	ug/l	99
82) p-Isopropyltoluene	12.06	119	366423	19.909	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	198026	19.431	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	199028	19.570	ug/l	99
85) n-Butylbenzene	12.39	91	301579	19.746	ug/l	99
86) Hexachloroethane	12.60	117	58595	19.176	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	200526	19.604	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28725	19.610	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	130592	19.439	ug/l	100
90) Hexachlorobutadiene	13.78	225	65352	20.820	ug/l	98
91) Naphthalene	13.83	128	414195	19.332	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	133043	19.481	ug/l	99

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ClientSampleId :
VX0216WBS01

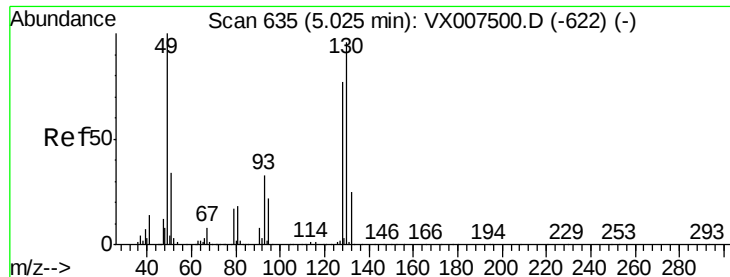
Manual Integrations
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QLast Update : Wed Feb 13 07:51:18 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

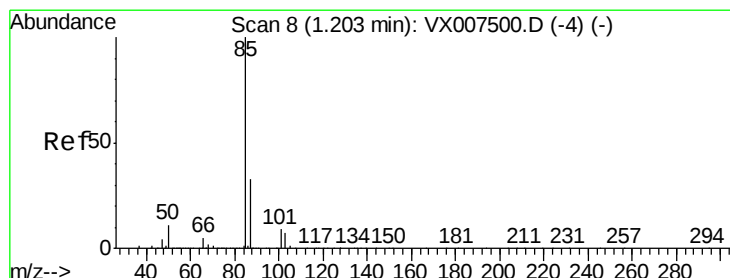
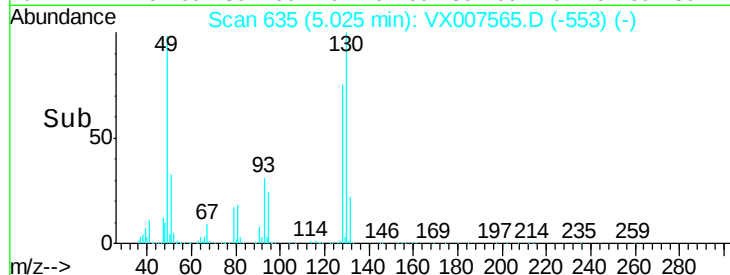
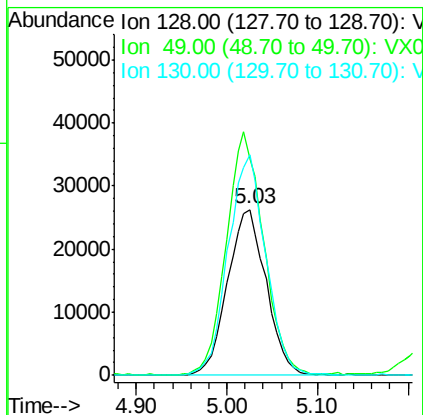
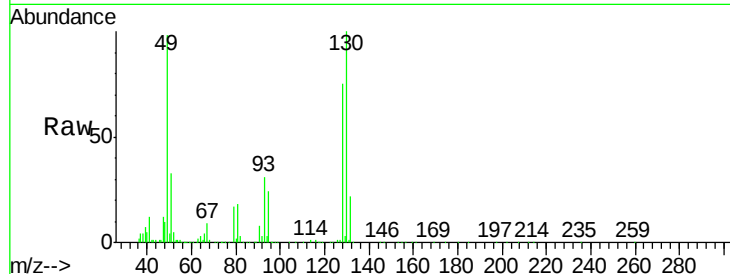
ClientSampleId :

VX0216WBS01

Tot Ion:	128	Resp:	77687
Ion	Ratio	Lower	Upper
128	100		
49	140.4	0.0	350.8
130	129.9	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 20.700 ug/l

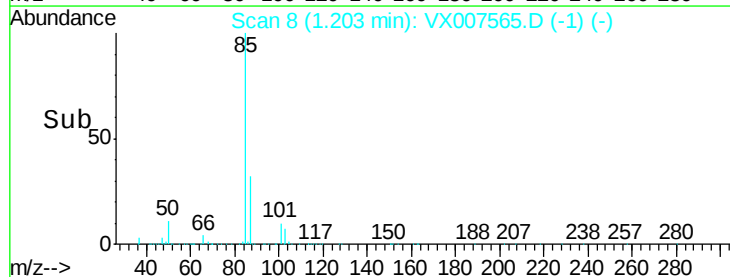
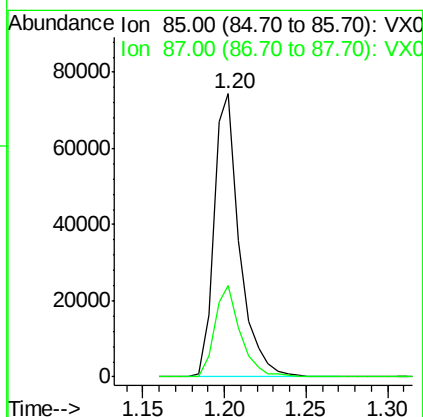
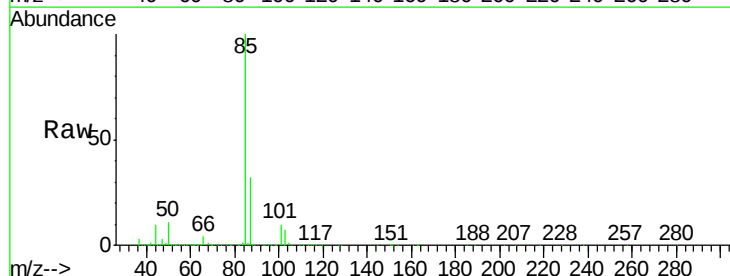
RT: 1.20 min Scan# 8

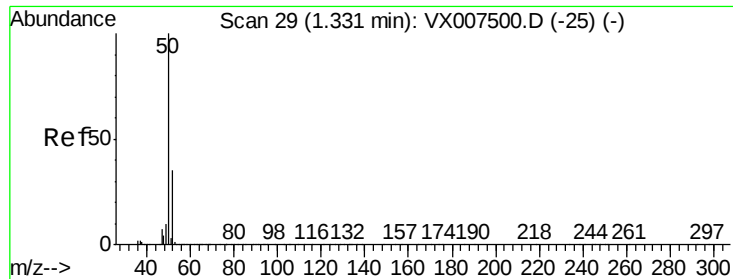
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	85	Resp:	81435
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.8





#3

Chloromethane

Concen: 19.791 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 50 Resp: 85568

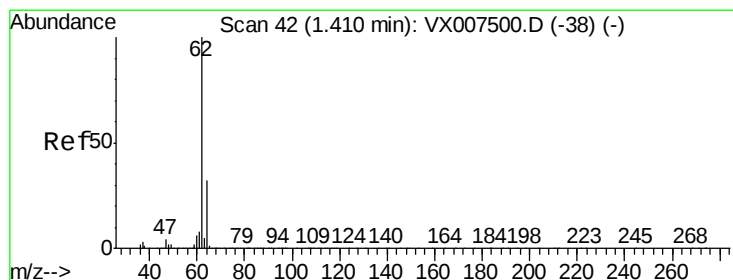
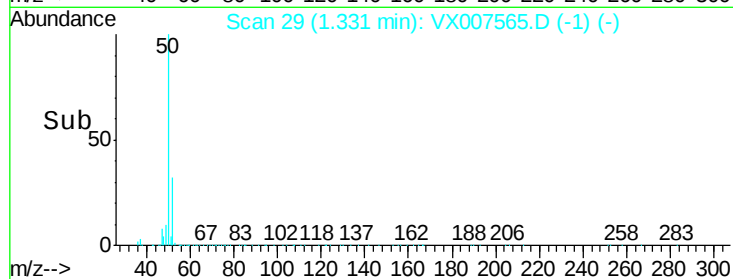
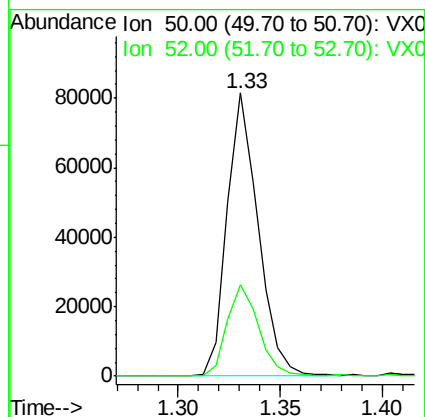
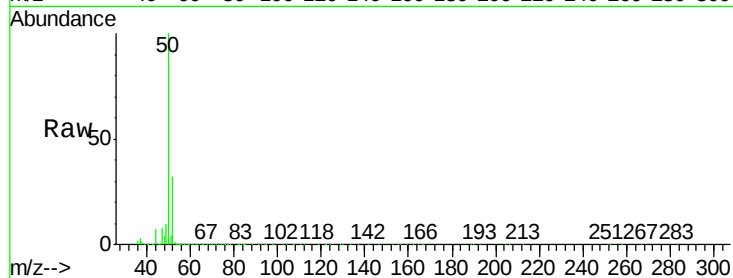
Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.374 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007565.D

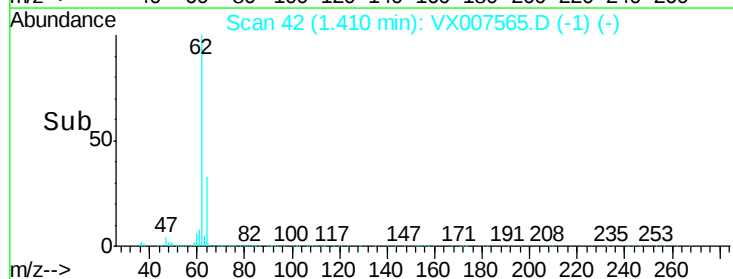
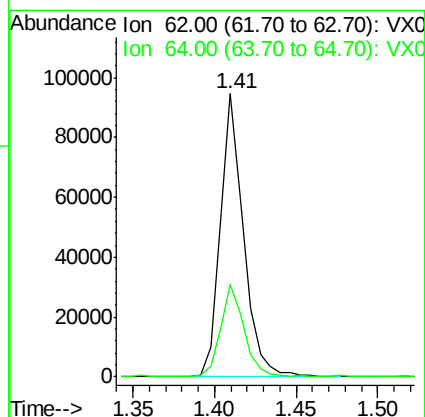
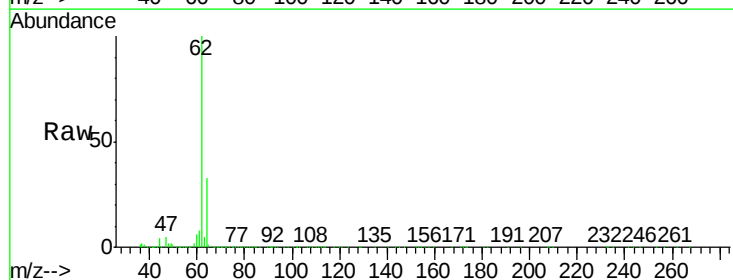
Acq: 15 Feb 2019 13:58

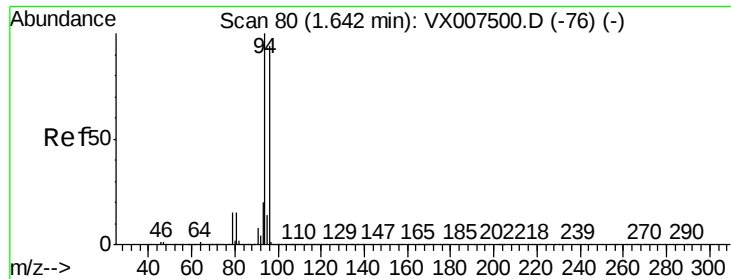
Tgt Ion: 62 Resp: 94221

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 18.714 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 94 Resp: 81273

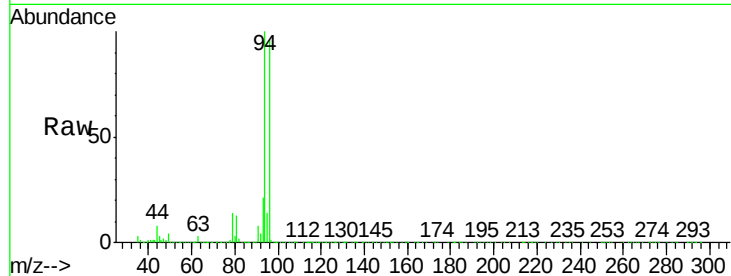
Ion Ratio Lower Upper

94 100

96 95.5 75.6 113.4

Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

100000

80000

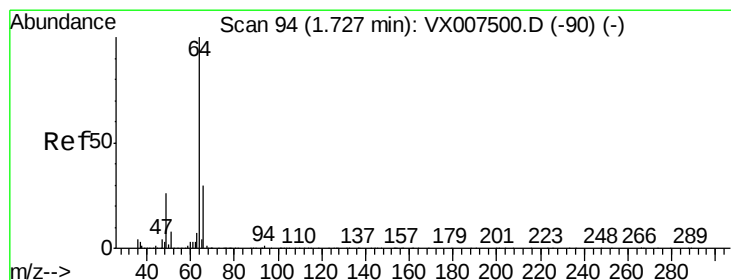
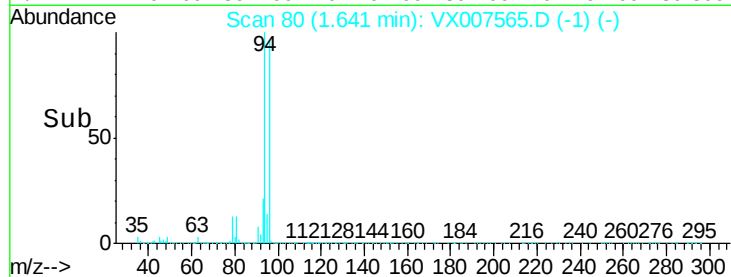
60000

40000

20000

0

Time--> 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.390 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007565.D

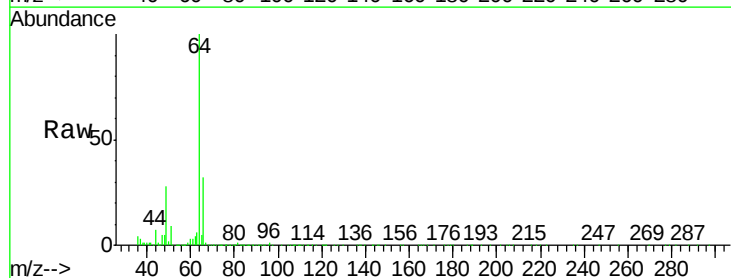
Acq: 15 Feb 2019 13:58

Tgt Ion: 64 Resp: 60794

Ion Ratio Lower Upper

64 100

66 32.1 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

50000

40000

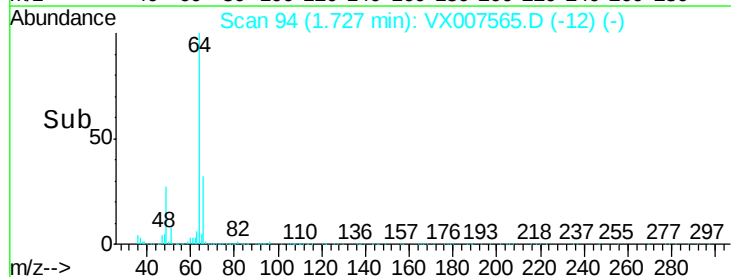
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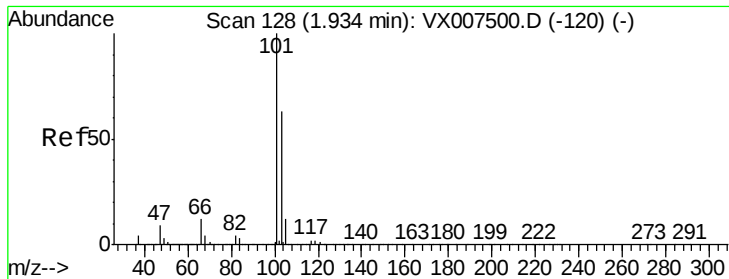
20000

10000

0

Time--> 1.70 1.75 1.80





#7

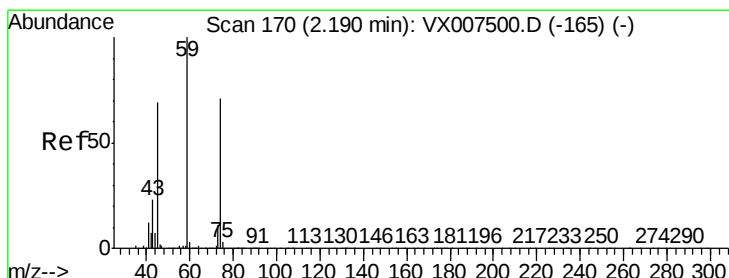
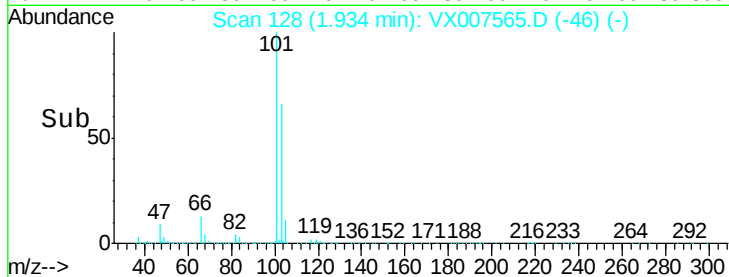
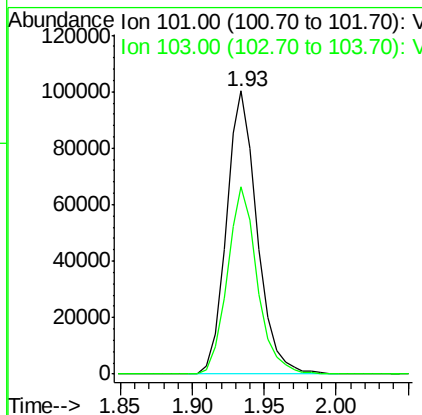
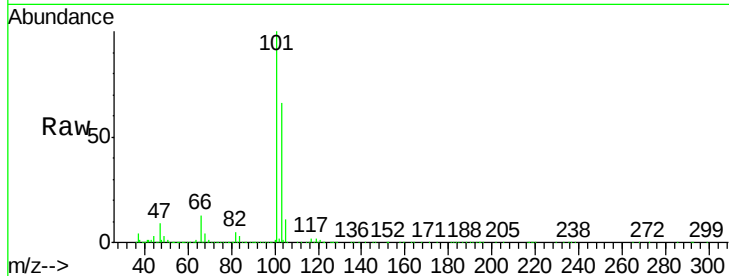
Trichlorofluoromethane
Concen: 19.608 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
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ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.4	75.6

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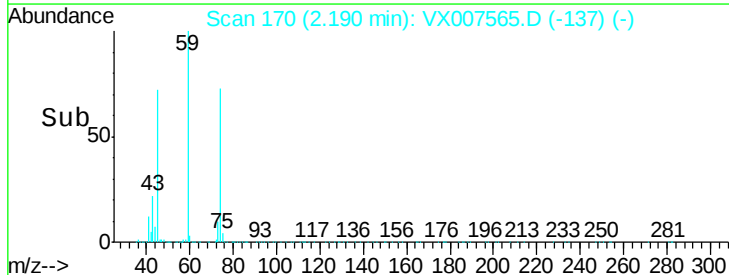
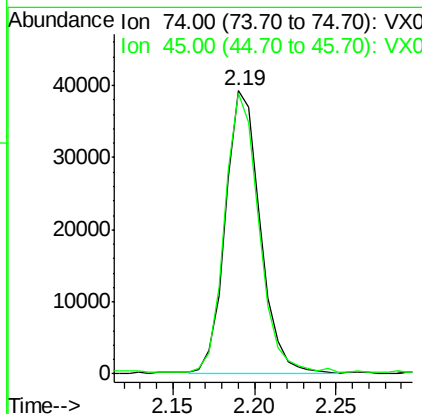
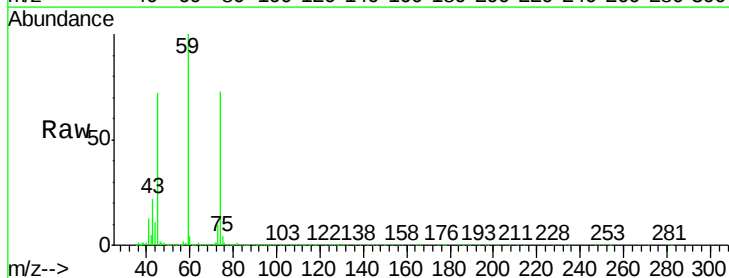
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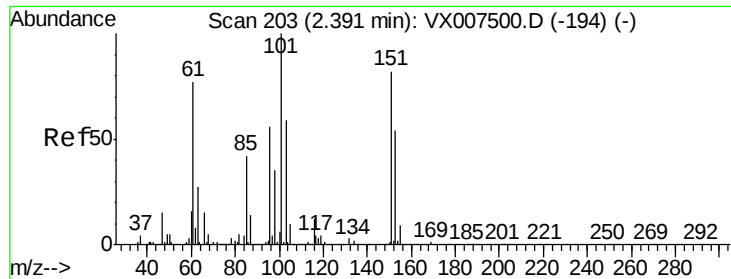


#8

Diethyl Ether
Concen: 19.152 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.596 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

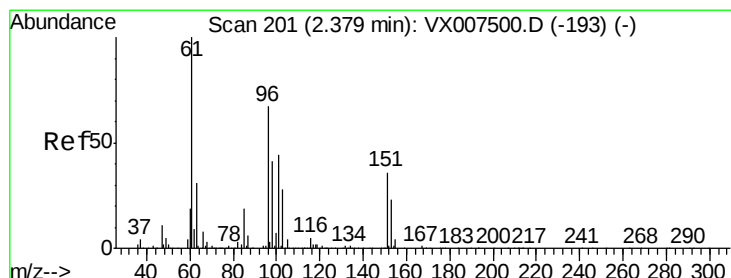
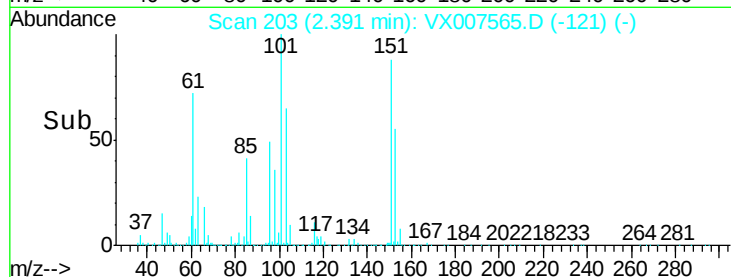
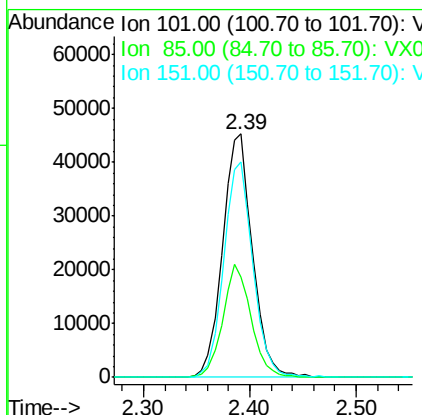
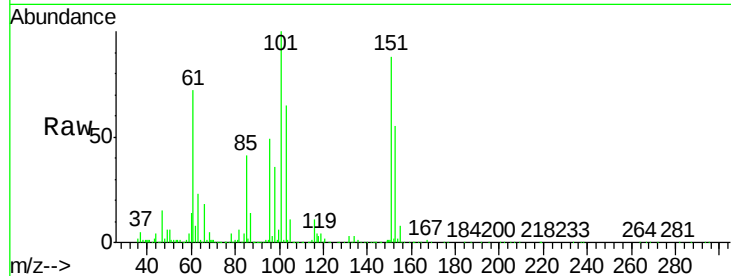
ClientSampleId :

VX0216WBS01

Tot Ion:	101	Resp:	88585
Ion Ratio	Lower	Upper	
101	100		
85	43.8	0.0	86.8
151	86.7	0.0	169.2

Manual Integrations
APPROVED

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2/18/2019 10:40:01 AM



#10

1,1-Dichloroethene

Concen: 19.627 ug/l

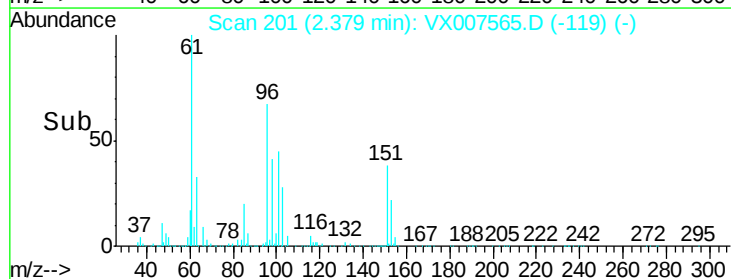
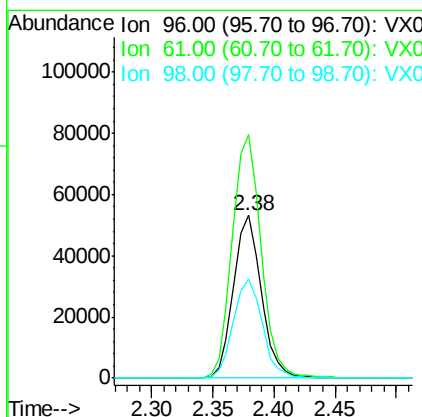
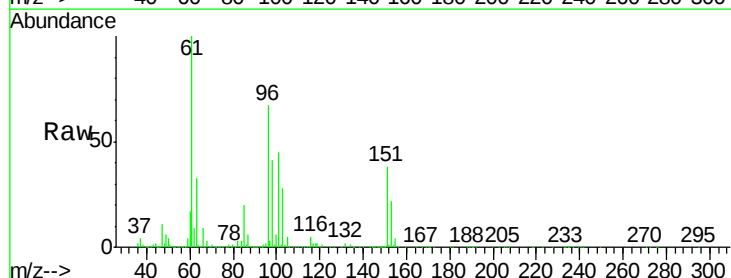
RT: 2.38 min Scan# 201

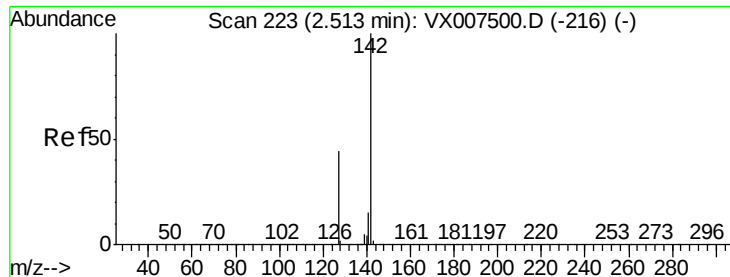
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	96	Resp:	83769
Ion Ratio	Lower	Upper	
96	100		
61	149.5	120.2	180.2
98	61.1	49.0	73.4





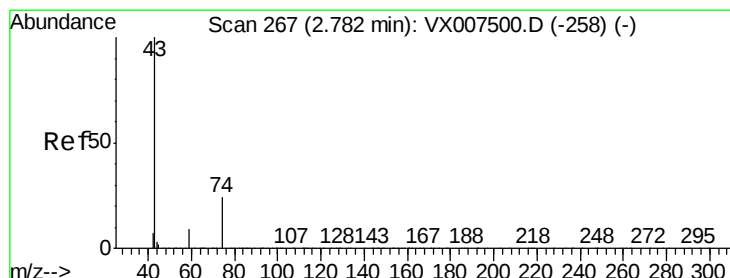
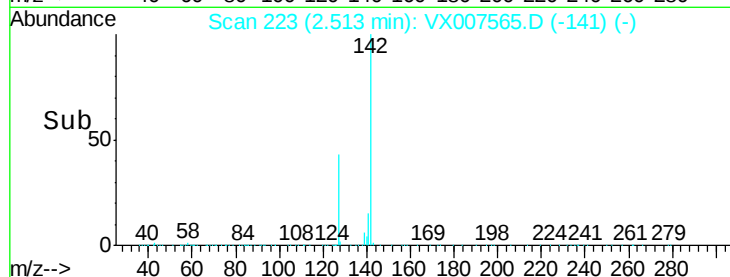
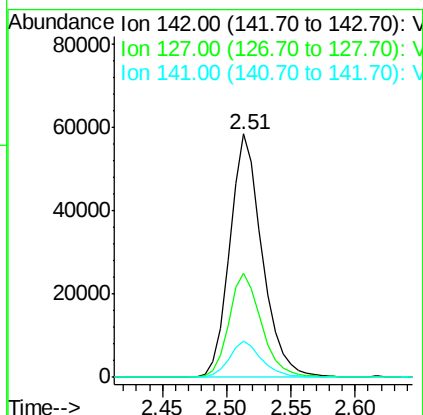
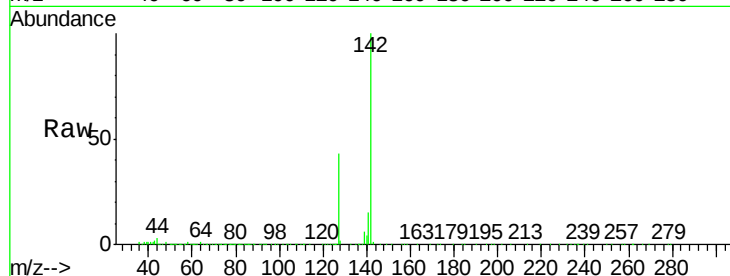
#11
Methvl Iodide
Concen: 16.734 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.6	22.1	66.5
141	14.8	7.4	22.3

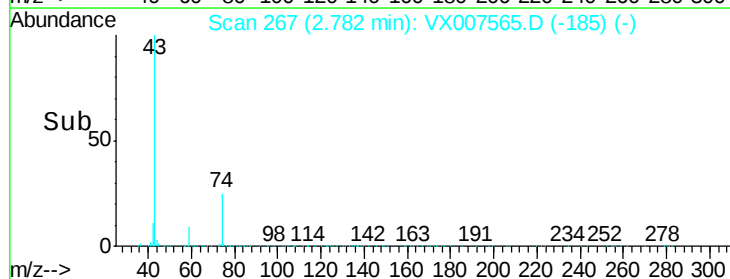
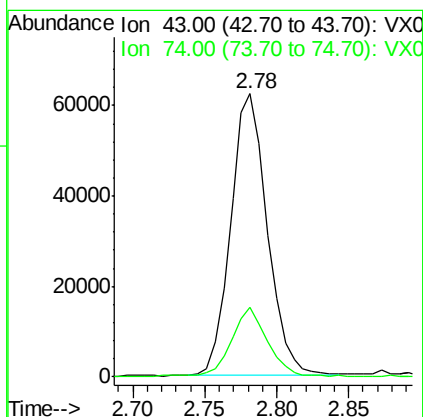
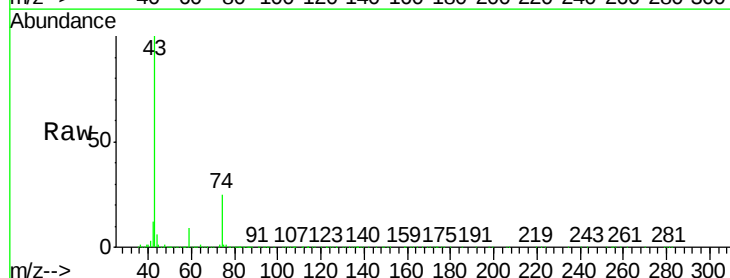
Manual Integrations
APPROVED

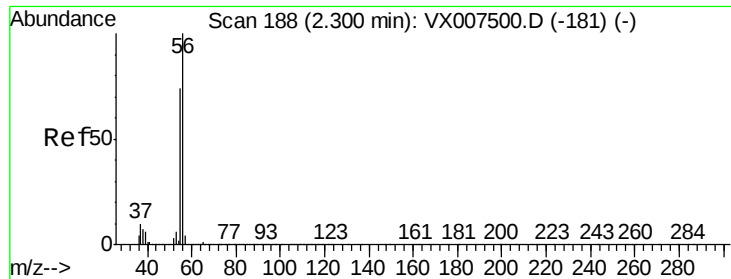
MMDadoda
2/18/2019 10:40:01 AM



#12
Methyl Acetate
Concen: 18.753 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.4	29.0





#13

Acrolein

Concen: 92.441 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 56 Resp: 94911

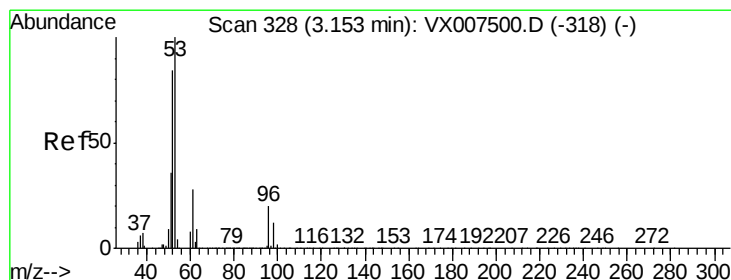
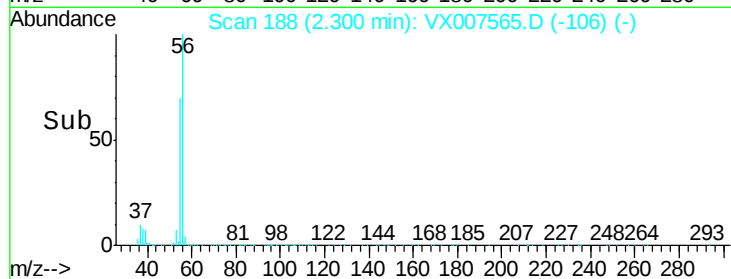
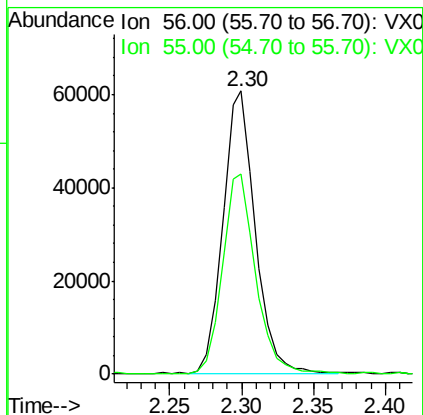
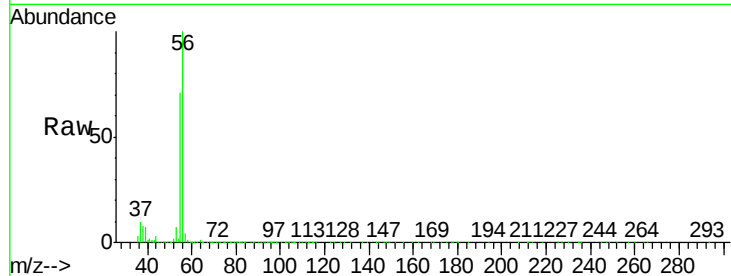
Ion Ratio Lower Upper

56 100

55 72.3 58.6 87.8

Manual Integrations
APPROVED

MMDadoda
2/18/2019 10:40:01 AM



#14

Acrylonitrile

Concen: 97.400 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

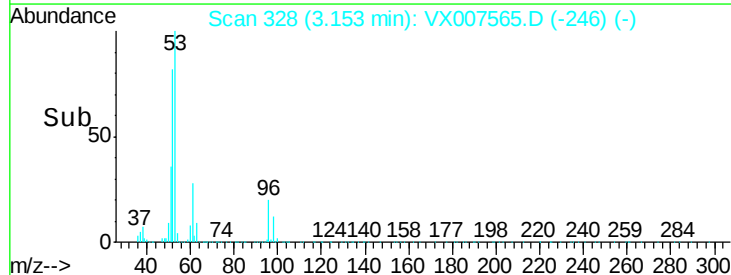
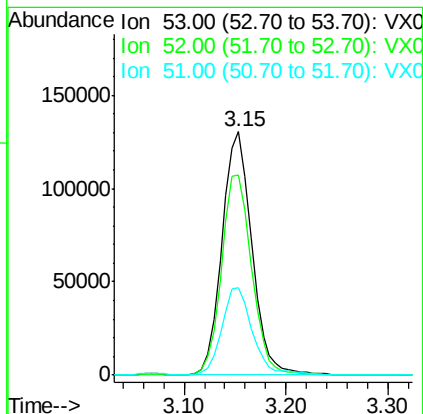
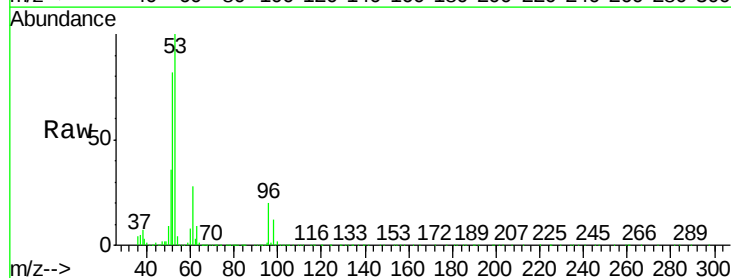
Tgt Ion: 53 Resp: 264147

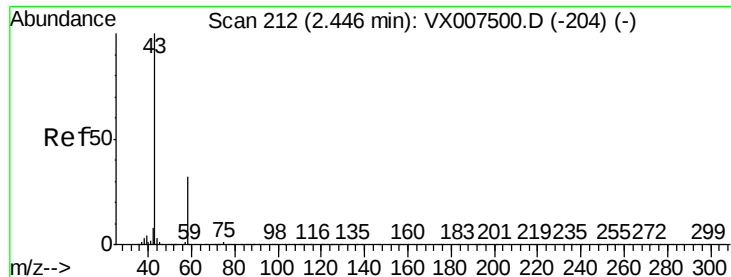
Ion Ratio Lower Upper

53 100

52 82.8 41.3 124.1

51 36.6 17.5 52.6





#15

Acetone

Concen: 103.677 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 58 Resp: 76307

Ion Ratio Lower Upper

58 100

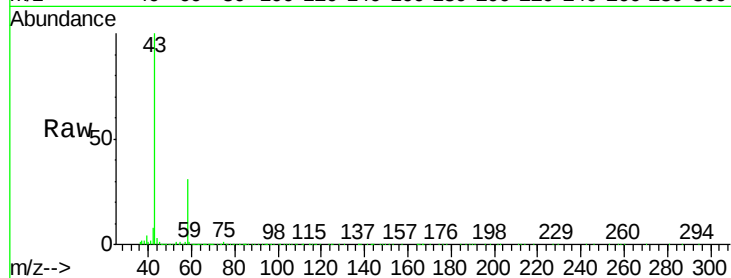
43 320.0 249.8 374.6

Manual Integrations

APPROVED

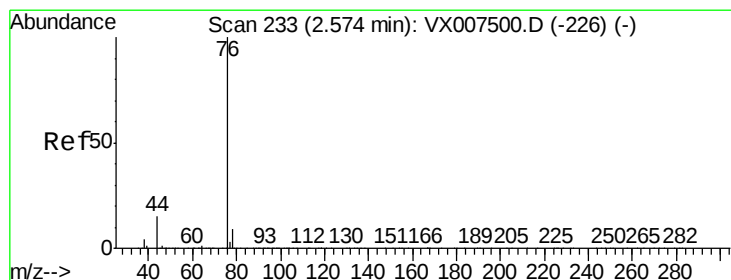
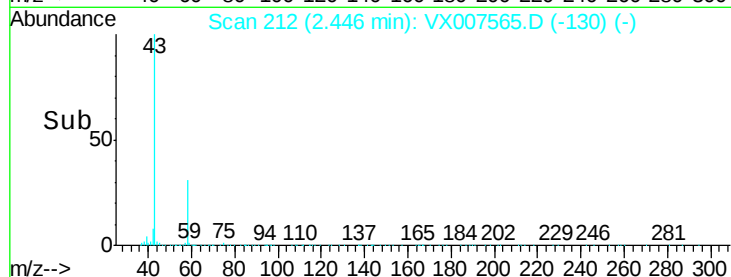
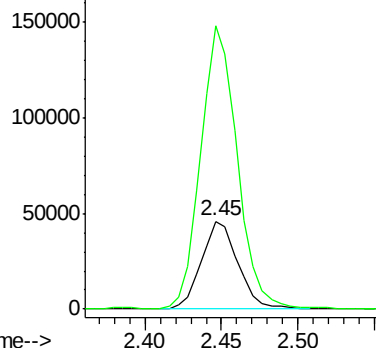
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.284 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007565.D

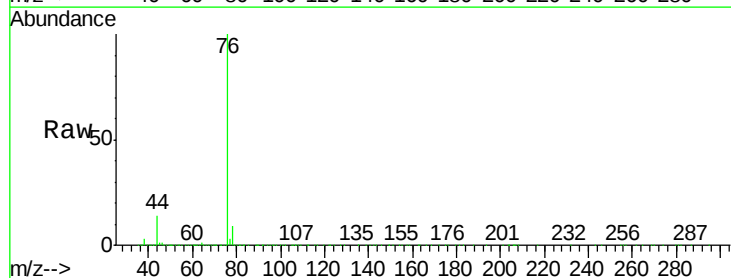
Acq: 15 Feb 2019 13:58

Tgt Ion: 76 Resp: 218259

Ion Ratio Lower Upper

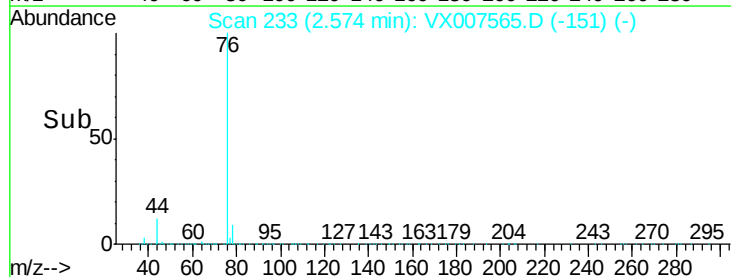
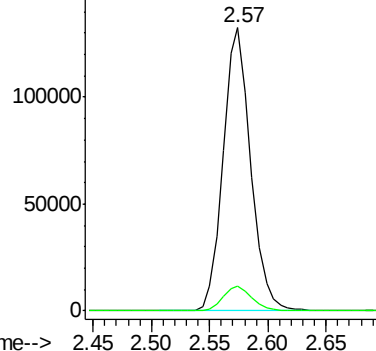
76 100

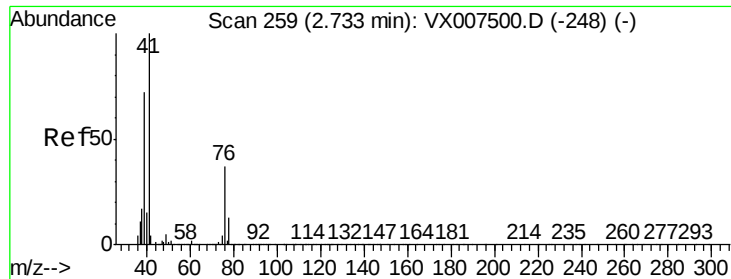
78 8.5 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





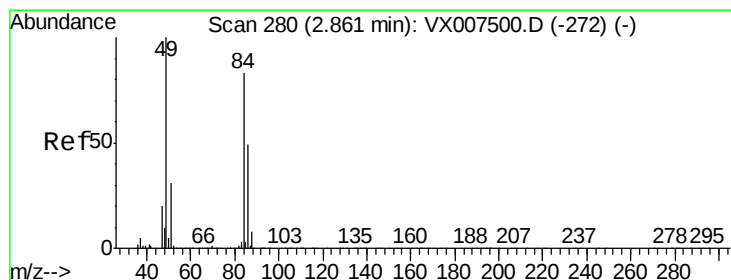
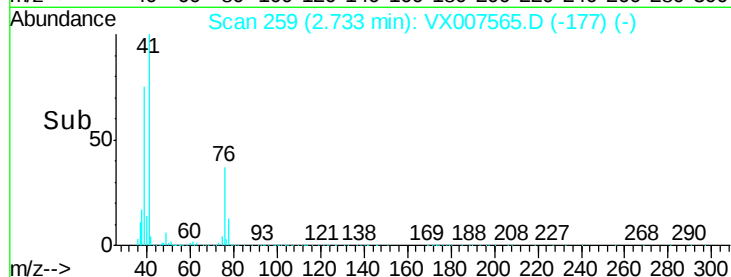
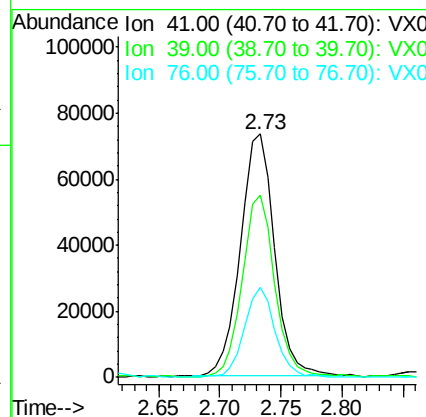
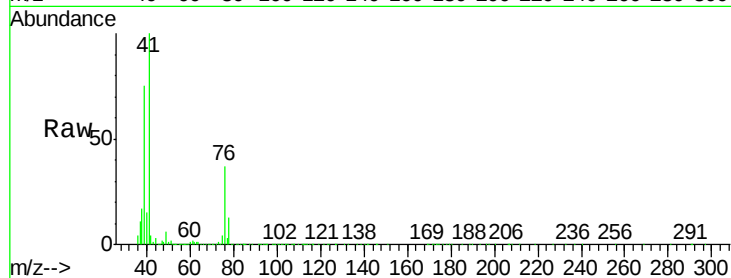
#17
Allvl chloride
Concen: 19.501 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	74.6	35.8	107.4
76	36.7	18.3	54.9

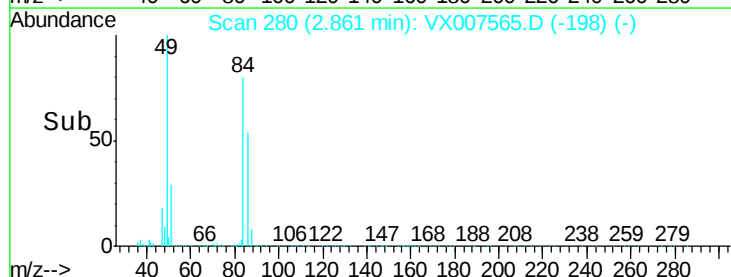
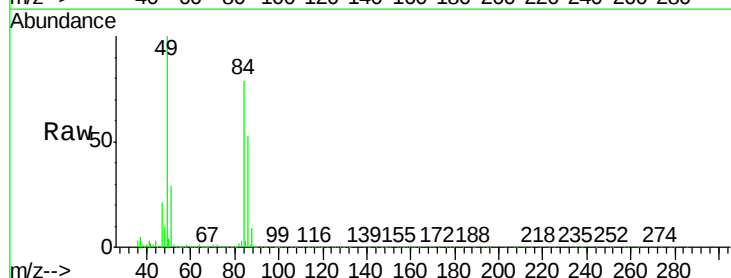
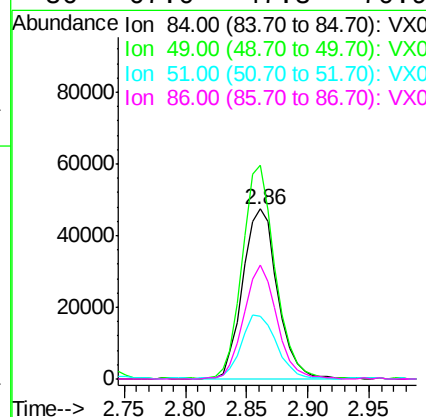
Manual Integrations
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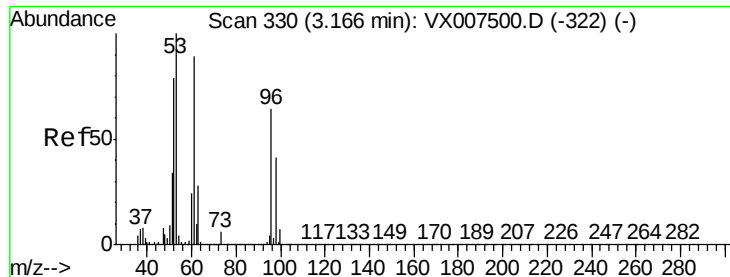
MMDadoda
2/18/2019 10:40:01 AM



#18
Methylene Chloride
Concen: 19.562 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp Lower	Upper
84	100		
49	125.2	96.1	144.1
51	36.7	29.1	43.7
86	67.0	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.250 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

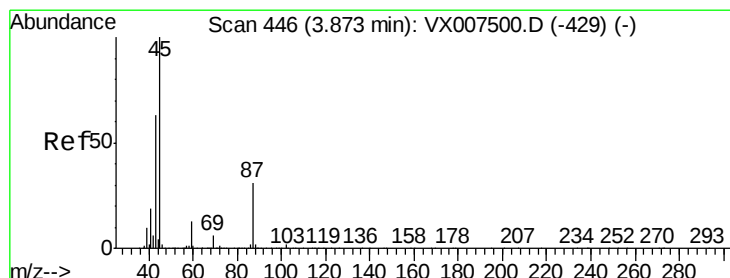
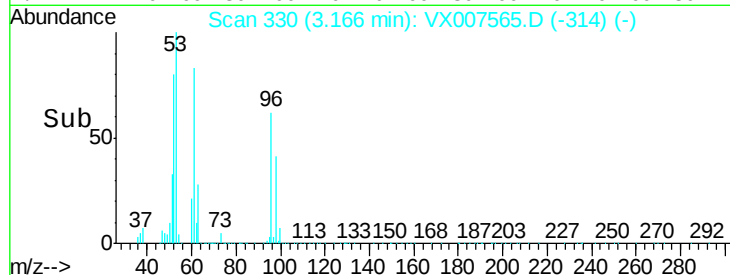
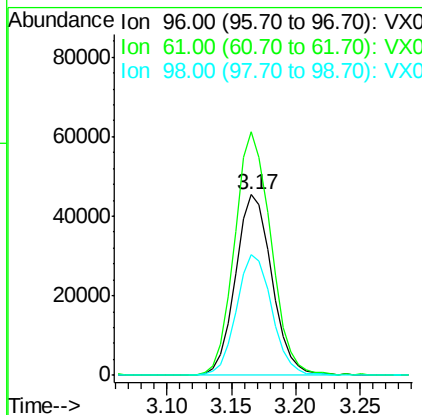
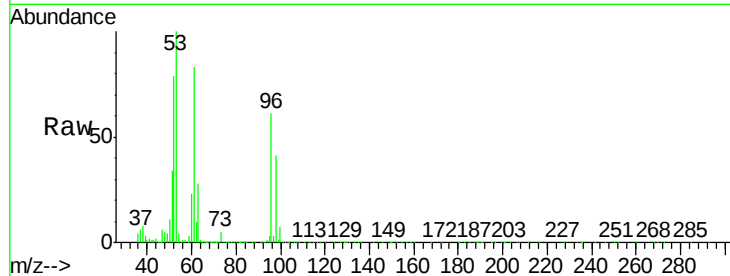
ClientSampleId :

VX0216WBS01

Tot Ion:	96	Resp:	87876
Ion Ratio	Lower	Upper	
96	100		
61	135.1	109.9	164.9
98	66.9	50.4	75.6

Manual Integrations
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MMDadoda
2/18/2019 10:40:01 AM



#20

Diisopropyl ether

Concen: 19.644 ug/l

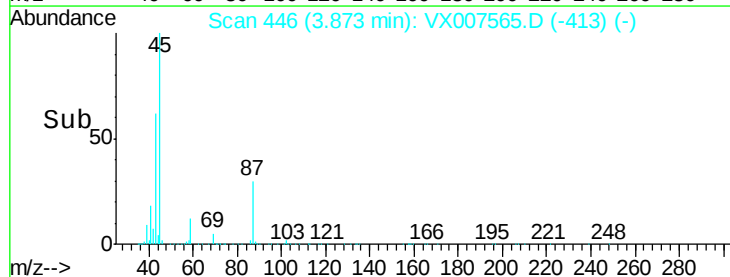
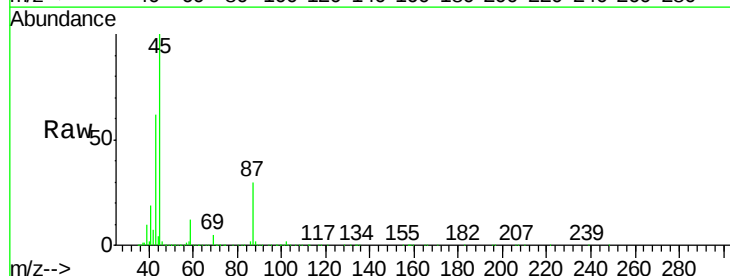
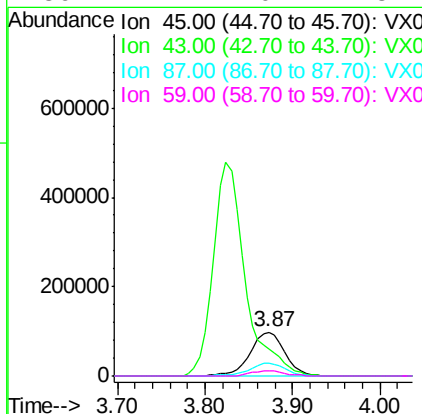
RT: 3.87 min Scan# 446

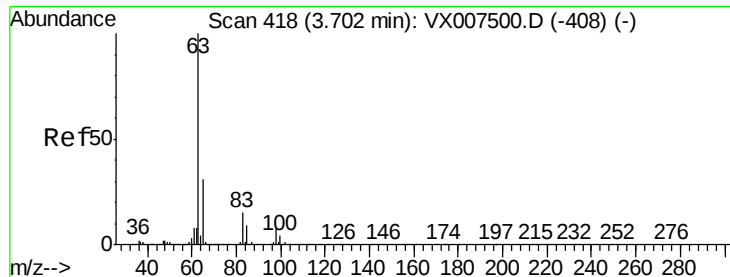
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	45	Resp:	271468
Ion Ratio	Lower	Upper	
45	100		
43	61.8	50.6	76.0
87	30.2	24.5	36.7
59	12.1	10.2	15.2





#21

1,1-Dichloroethane

Concen: 20.315 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

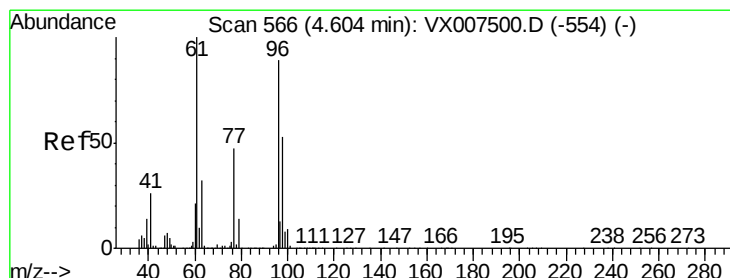
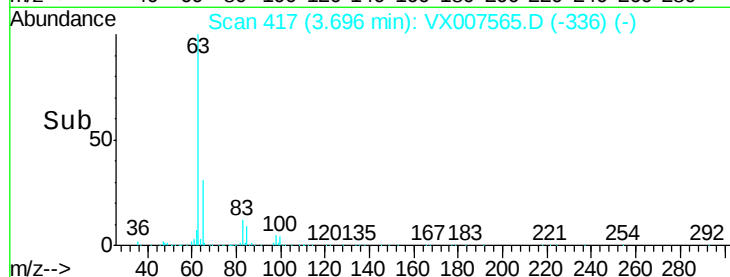
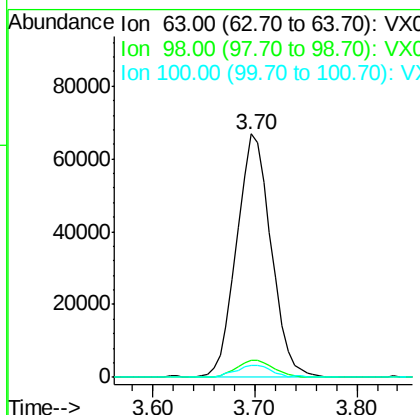
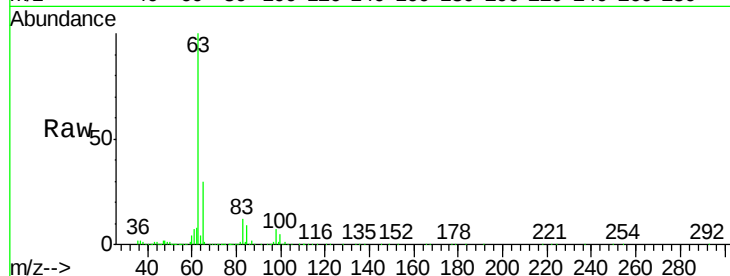
ClientSampleId :

VX0216WBS01

Tot Ion:	63	Resp:	157393
Ion Ratio		Lower	Upper
63	100		
98	6.9	3.8	11.4
100	4.7	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.152 ug/l

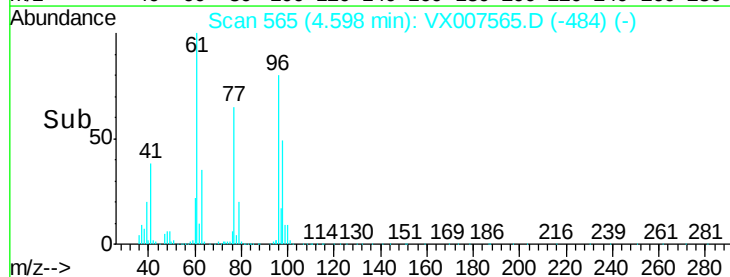
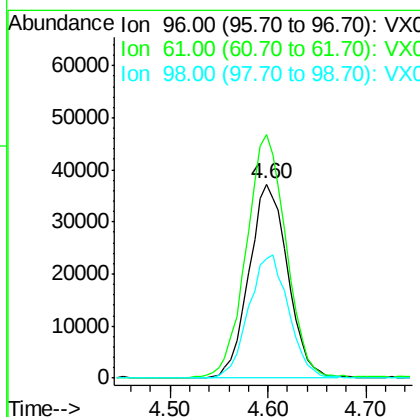
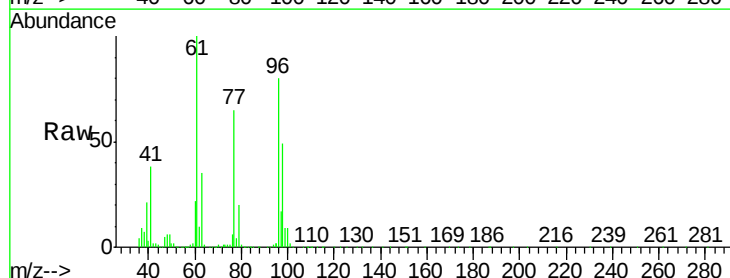
RT: 4.60 min Scan# 565

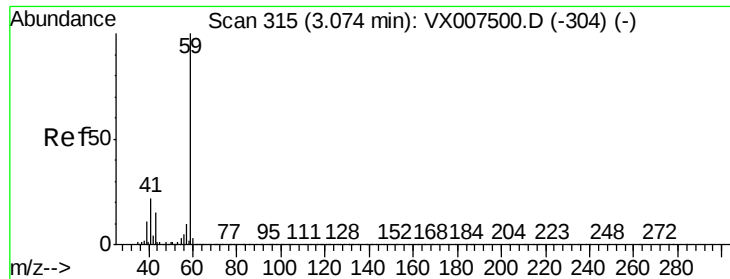
Delta R.T. -0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	96	Resp:	102375
Ion Ratio		Lower	Upper
96	100		
61	128.7	103.5	155.3
98	65.3	52.1	78.1





#23

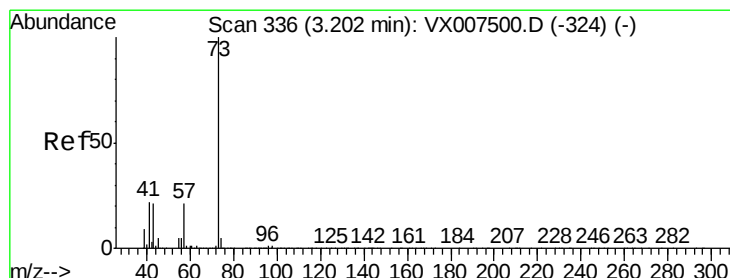
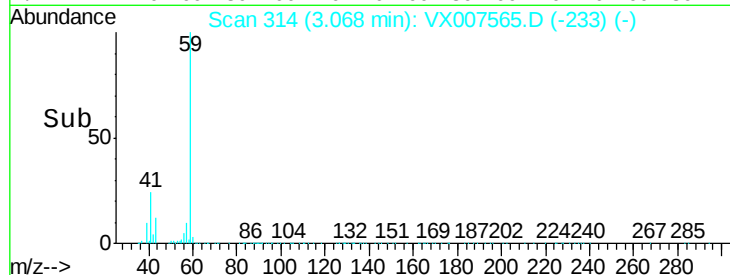
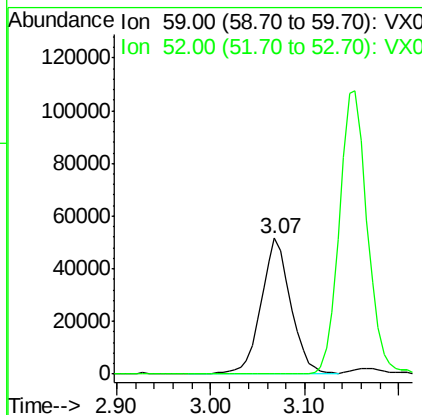
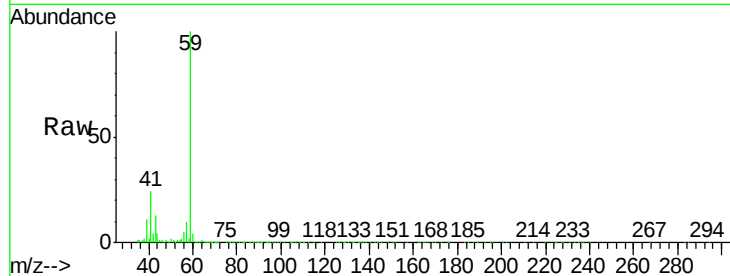
tert-Butyl Alcohol
 Concen: 99.538 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

Manual Integrations
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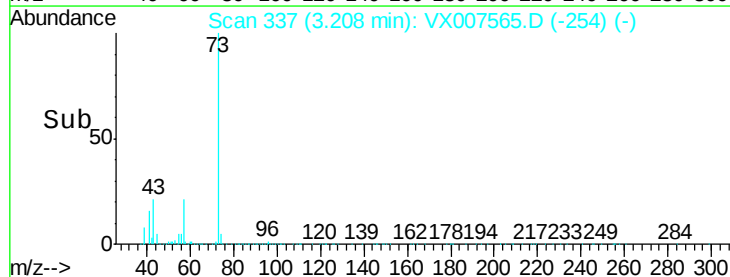
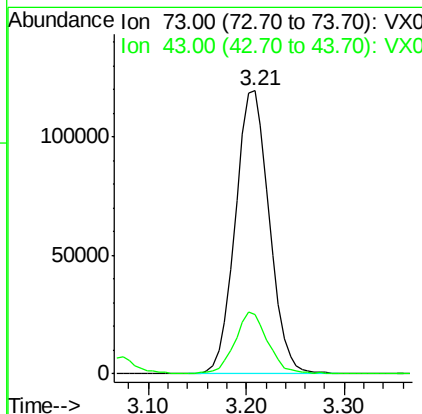
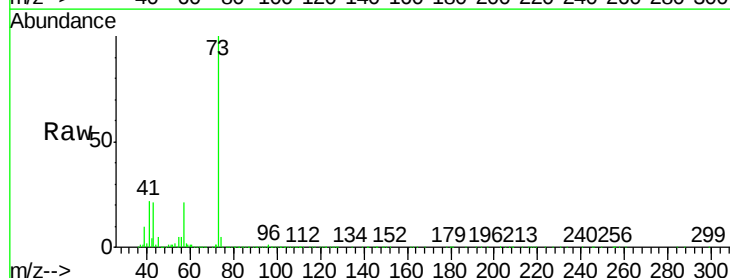
MMDadoda
 2/18/2019 10:40:01 AM

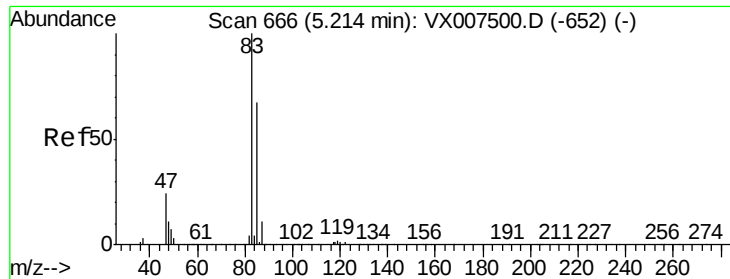


#24

Methyl tert-Butyl Ether
 Concen: 19.368 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.1	25.7





#25

Chloroform

Concen: 19.674 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 83 Resp: 160986

Ion Ratio Lower Upper

83 100

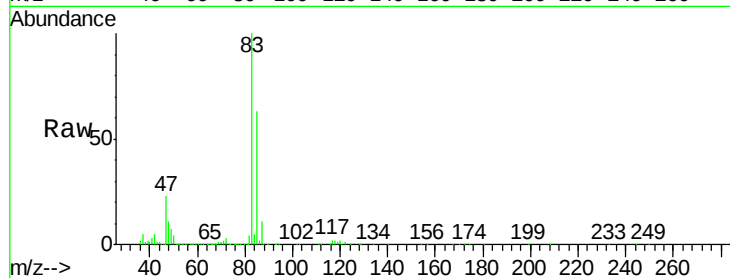
85 63.3 53.8 80.6

Manual Integrations

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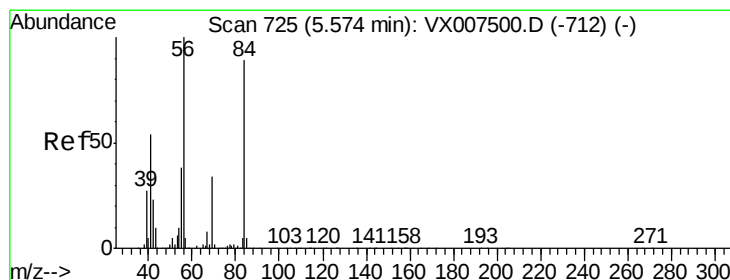
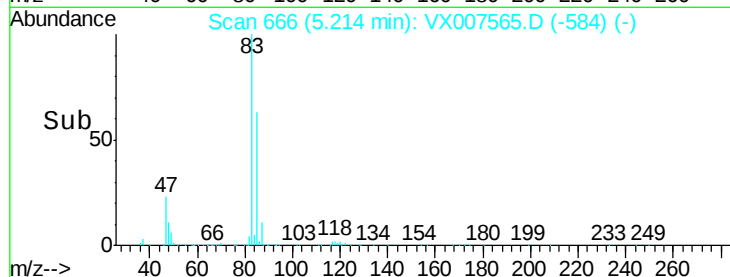
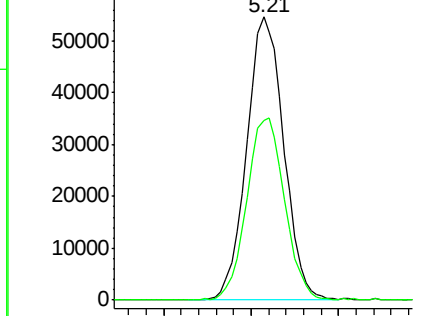
MMDadoda

2/18/2019 10:40:01 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.641 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

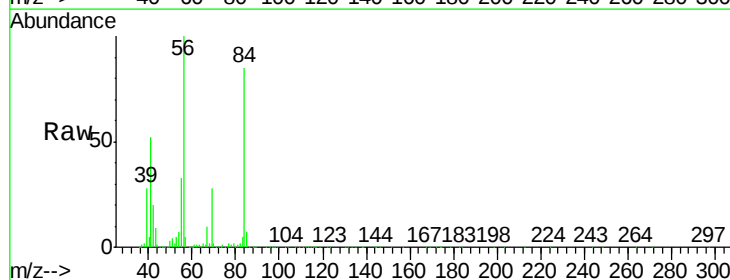
Tgt Ion: 56 Resp: 134095

Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

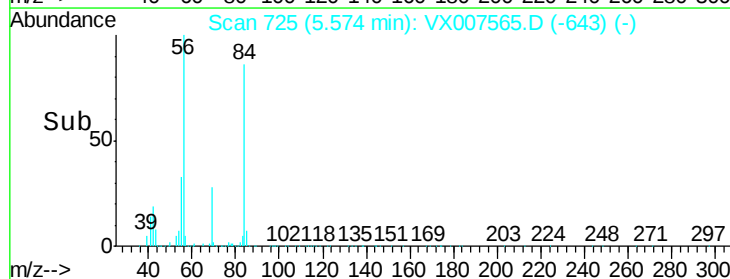
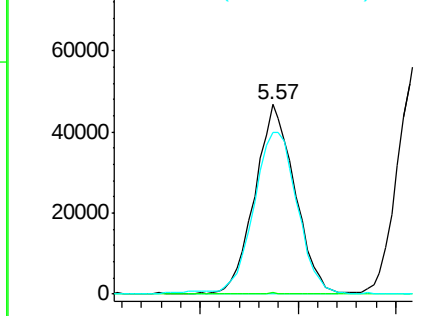
84 92.7 73.9 110.9

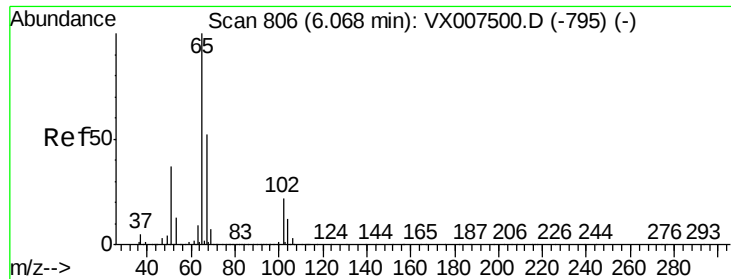


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.587 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 65 Resp: 148687

Ion Ratio Lower Upper

65 100

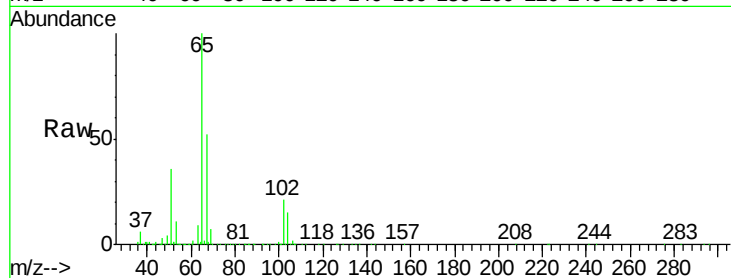
67 55.1 42.9 64.3

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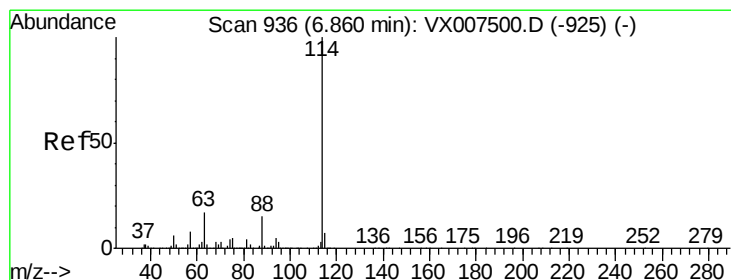
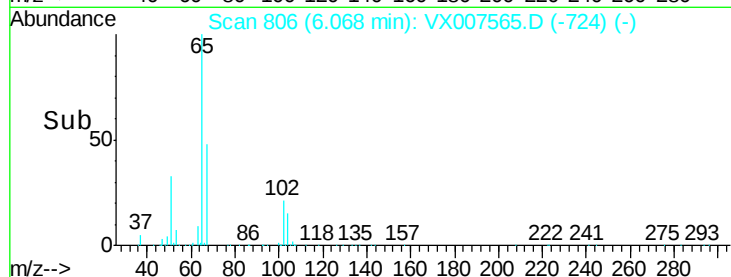
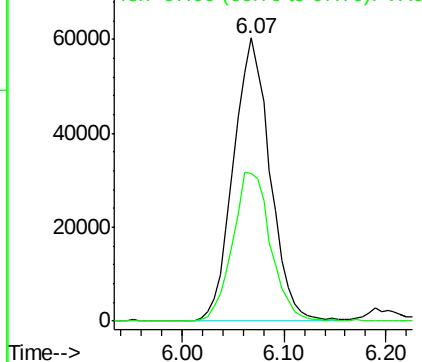
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

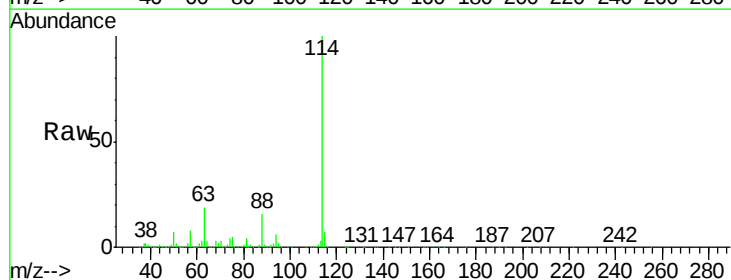
Tgt Ion: 114 Resp: 408747

Ion Ratio Lower Upper

114 100

63 18.5 14.2 21.4

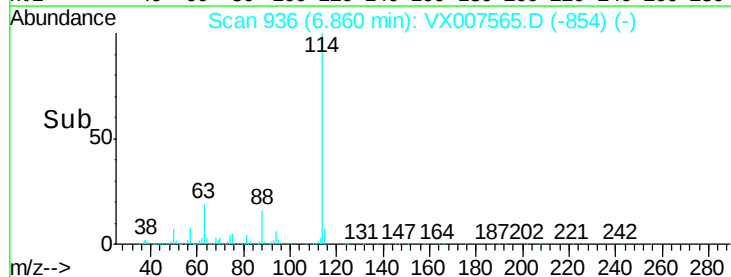
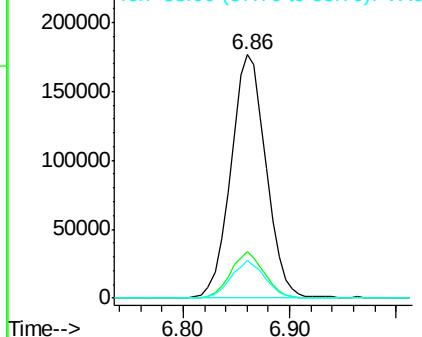
88 14.9 11.9 17.9

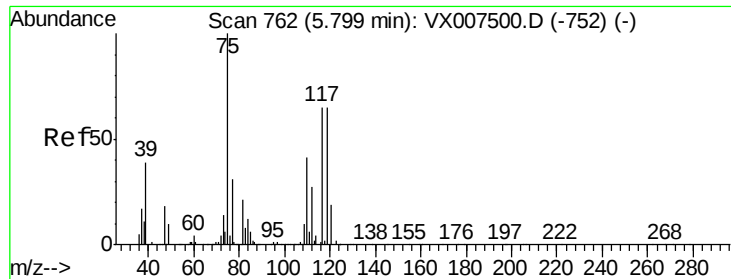


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





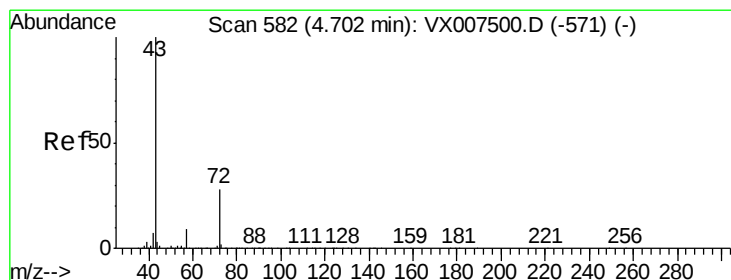
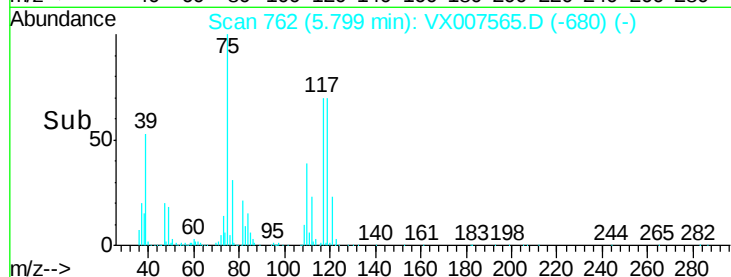
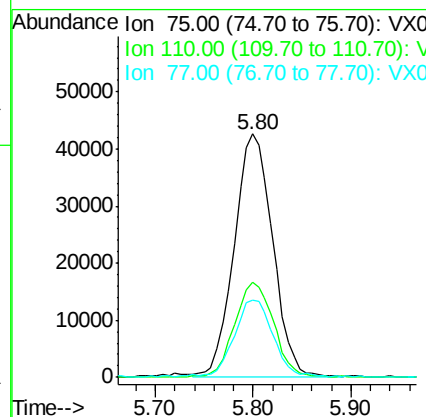
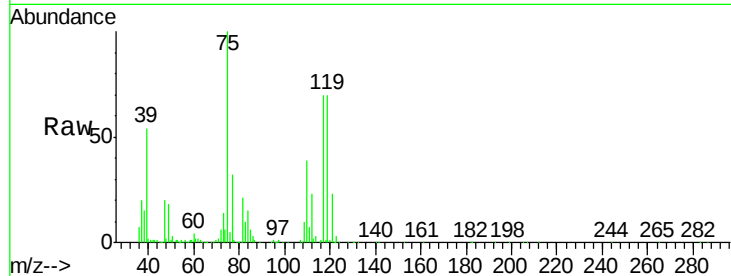
#29
 1,1-Dichloropropene
 Concen: 20.387 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	39.5	0.0	80.8
77	29.8	0.0	62.4

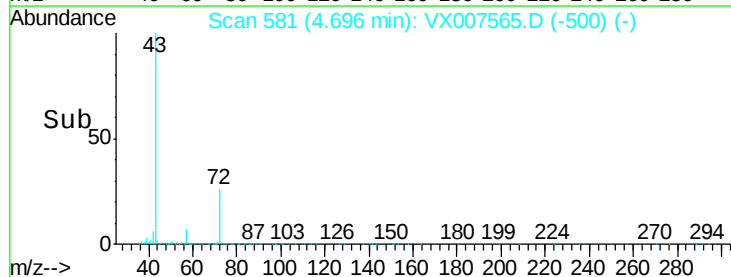
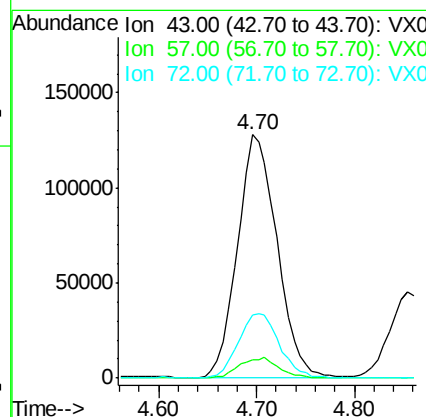
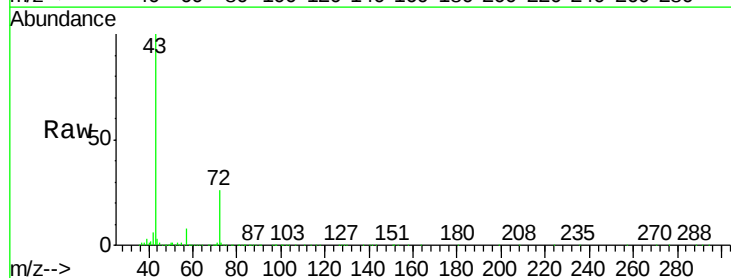
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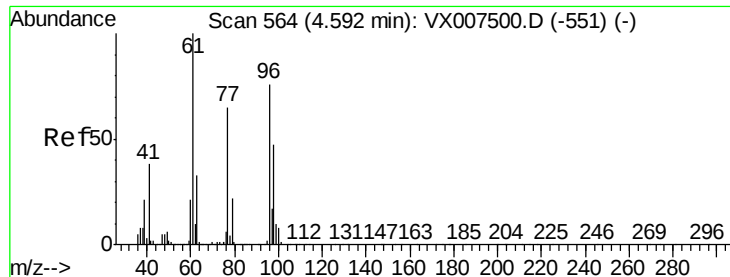
MMDadoda
 2/18/2019 10:40:01 AM



#30
 2-Butanone
 Concen: 105.994 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.4	21.5	32.3





#31

2,2-Dichloropropane

Concen: 23.785 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 77 Resp: 110178

Ion Ratio Lower Upper

77 100

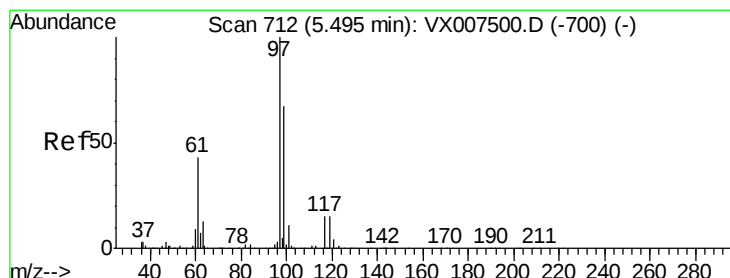
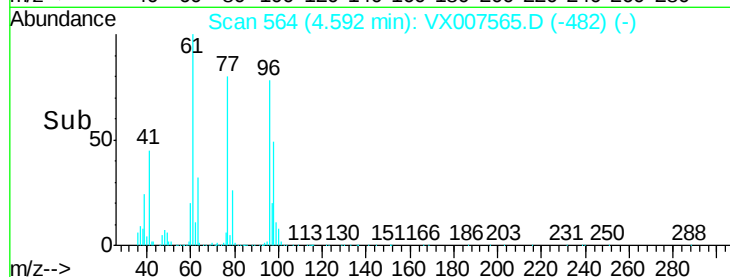
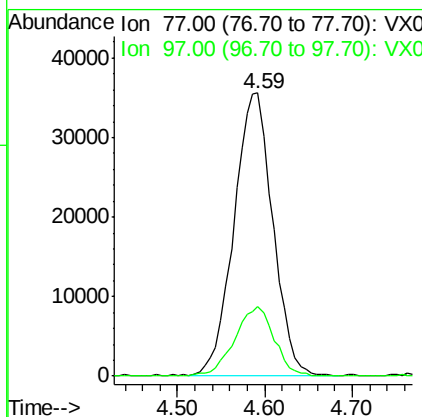
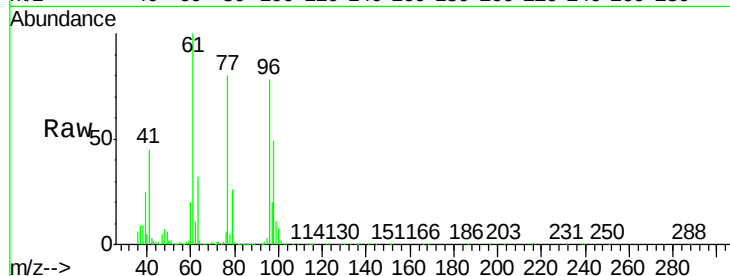
97 24.9 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.157 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

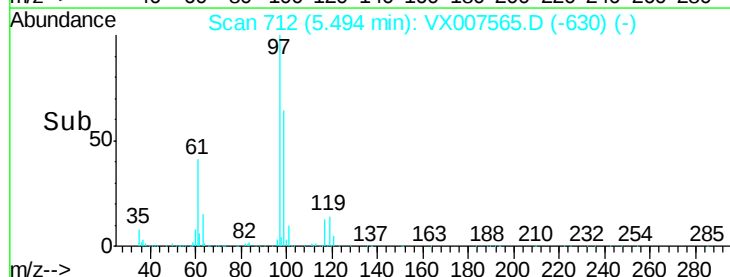
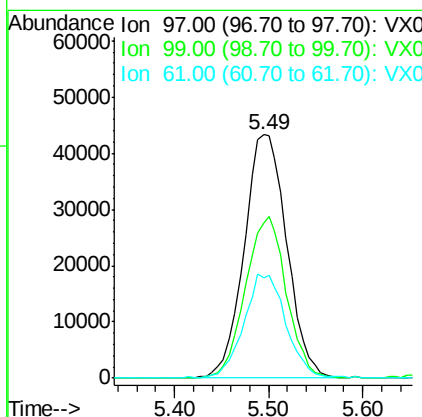
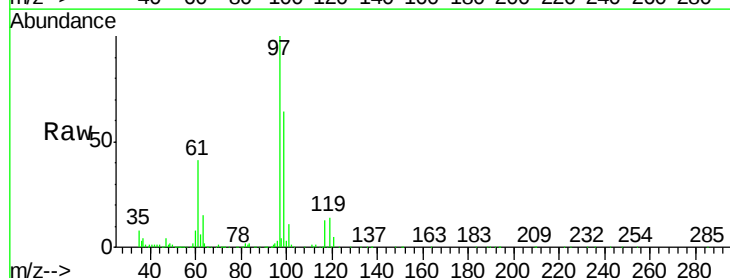
Tgt Ion: 97 Resp: 137365

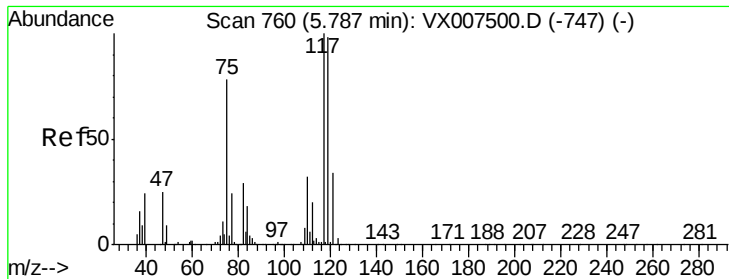
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 41.5 32.8 49.2





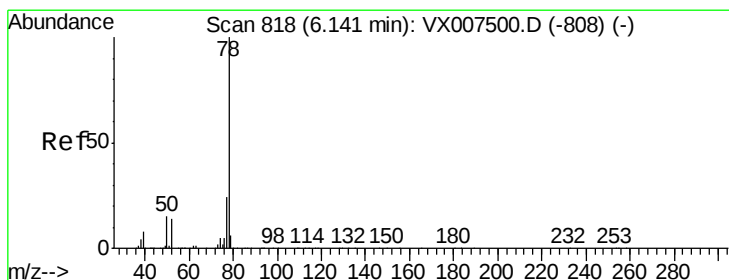
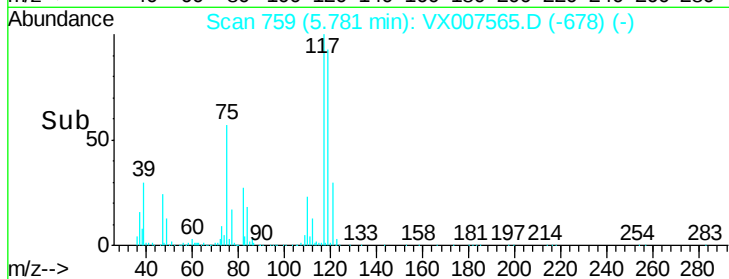
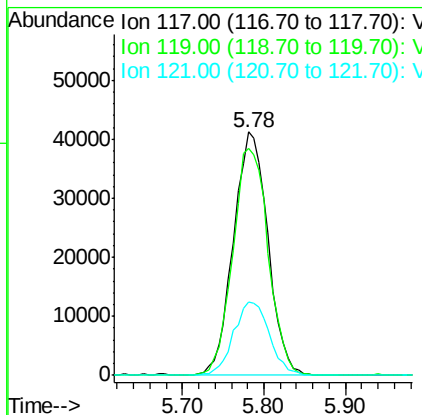
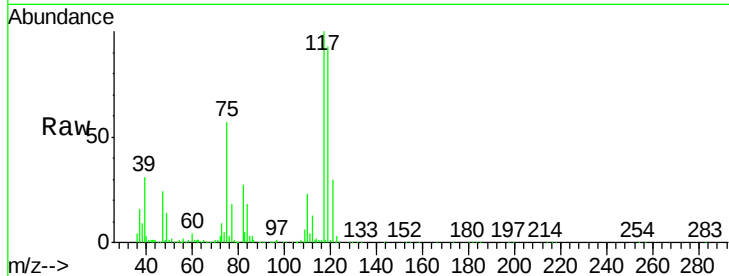
#33
Carbon Tetrachloride
Concen: 20.083 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.1	117.1
121	30.4	27.0	40.6

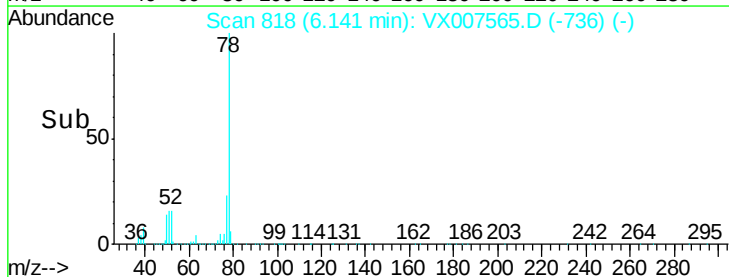
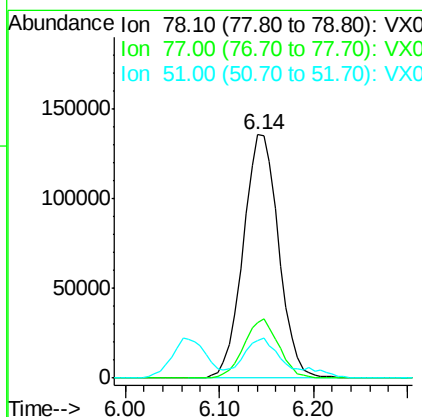
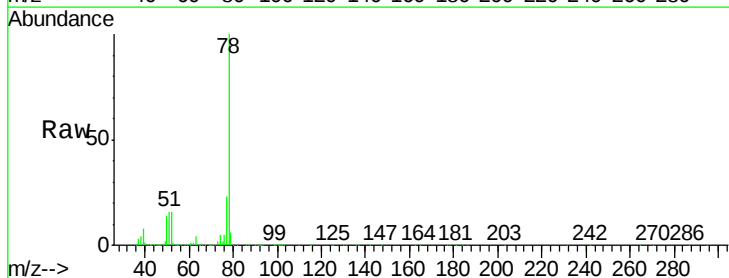
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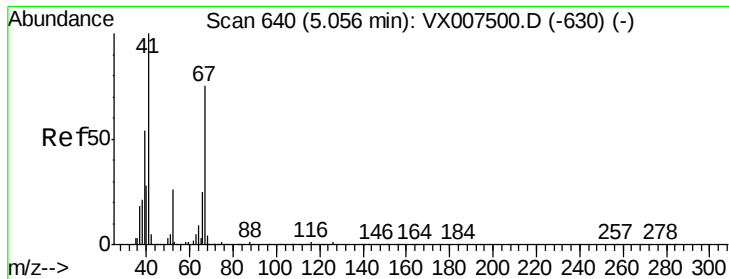
MMDadoda
2/18/2019 10:40:01 AM



#34
Benzene
Concen: 19.810 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.1	28.7
51	14.8	10.8	16.2





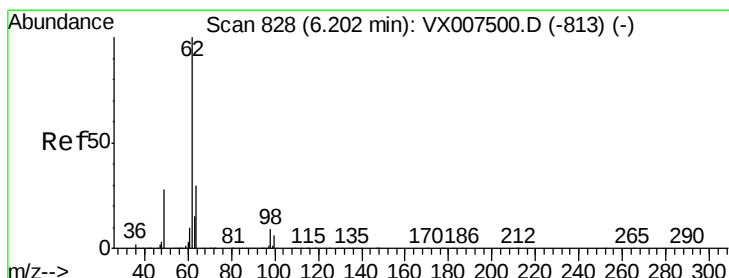
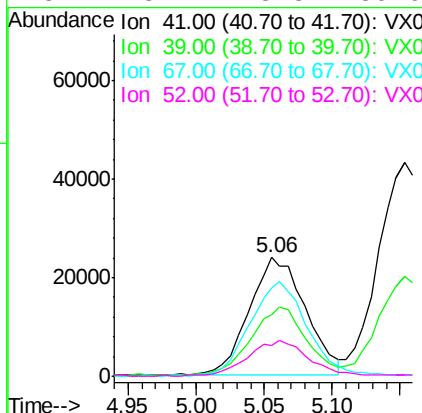
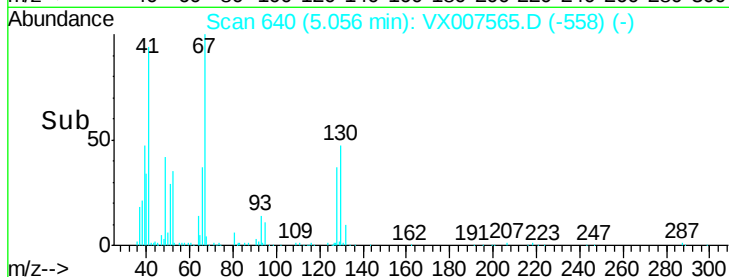
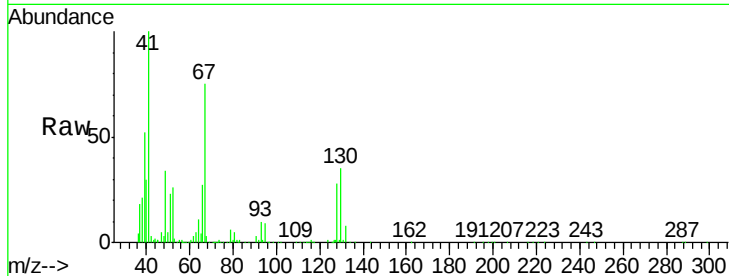
#35
Methacrylonitrile
Concen: 19.600 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	27.4	82.0	
67	75.3	37.9	113.6	
52	25.2	13.3	39.9	

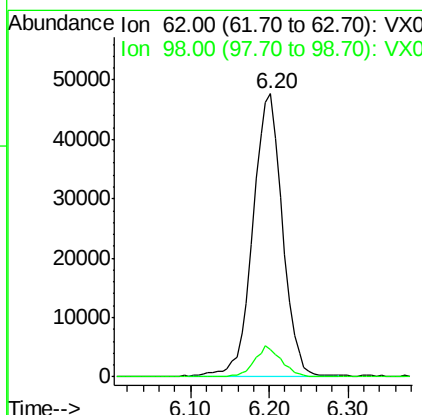
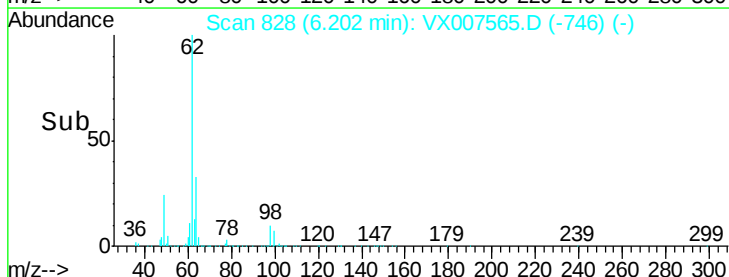
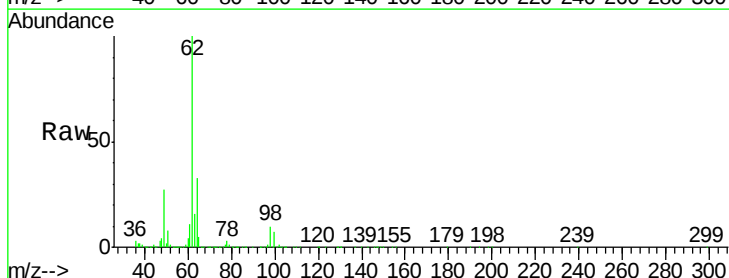
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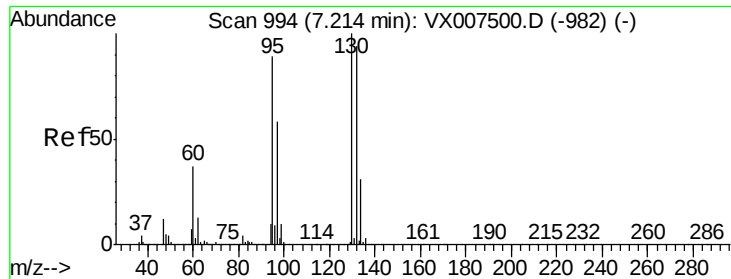
MMDadoda
2/18/2019 10:40:01 AM



#36
1,2-Dichloroethane
Concen: 20.173 ug/l
RT: 6.20 min Scan# 828
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	7.8	11.8	





#37

Trichloroethene

Concen: 20.270 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion:130 Resp: 104748

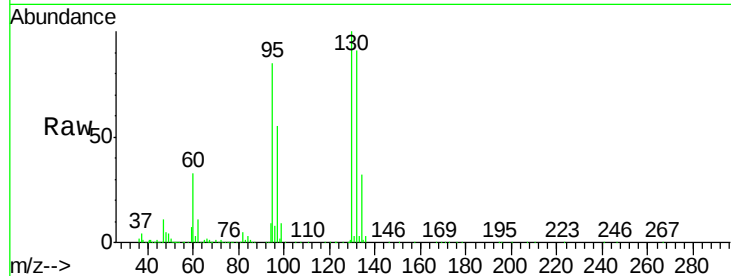
Ion Ratio Lower Upper

130 100

95 84.6 71.3 106.9

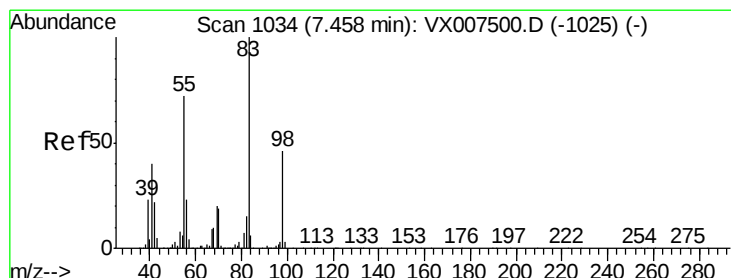
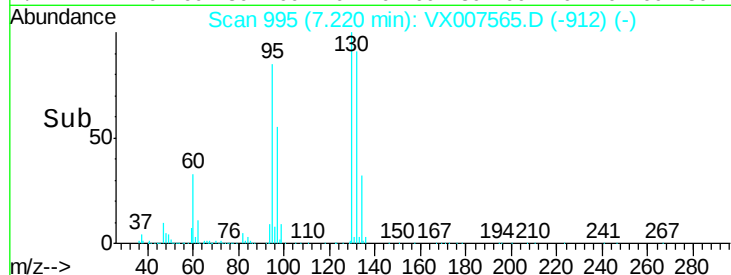
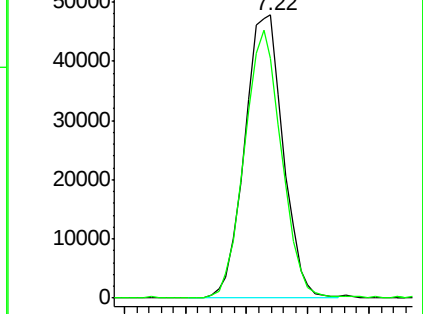
Manual Integrations
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.044 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

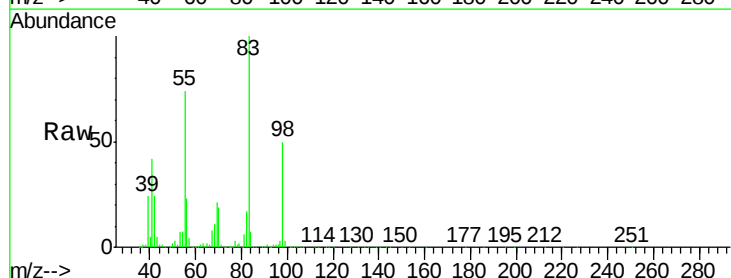
Tgt Ion: 83 Resp: 138892

Ion Ratio Lower Upper

83 100

55 73.4 36.0 108.0

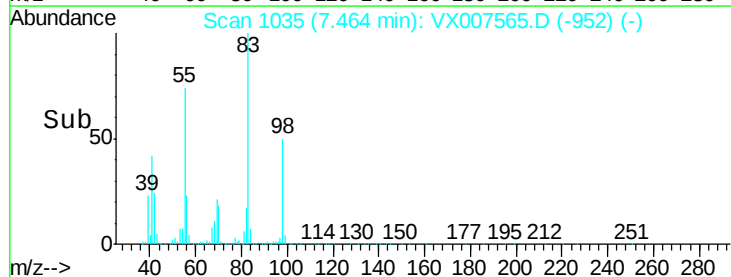
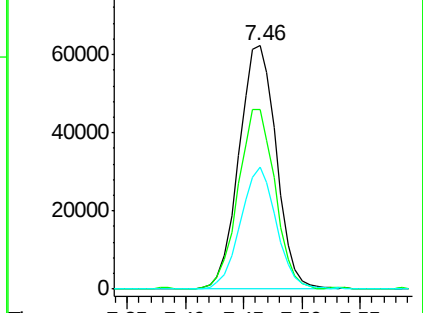
98 48.4 23.8 71.4

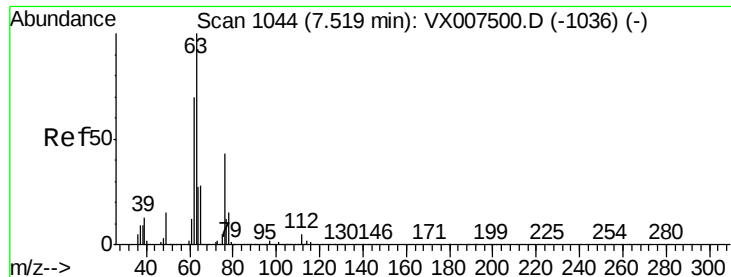


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.288 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 63 Resp: 90703

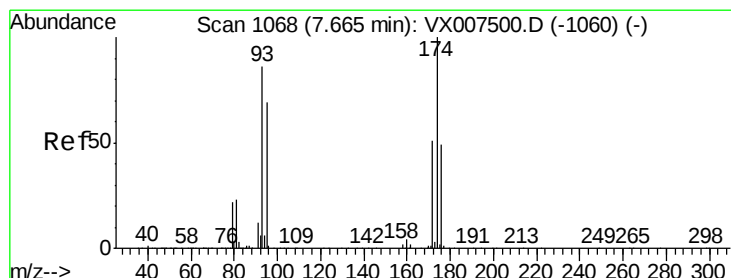
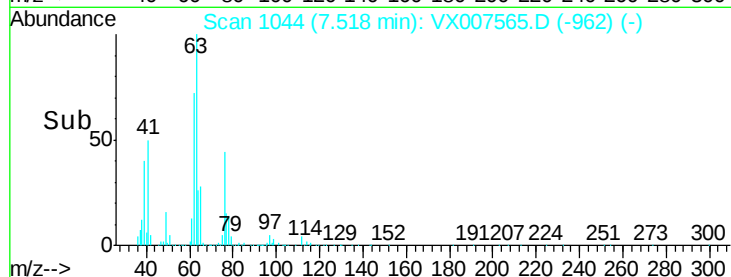
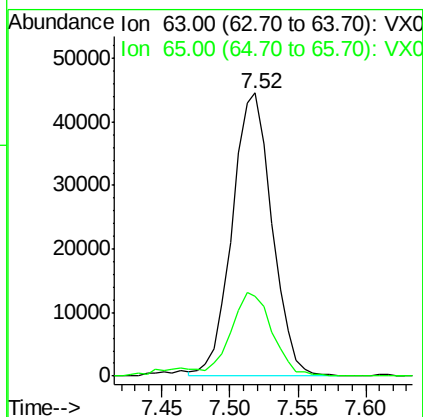
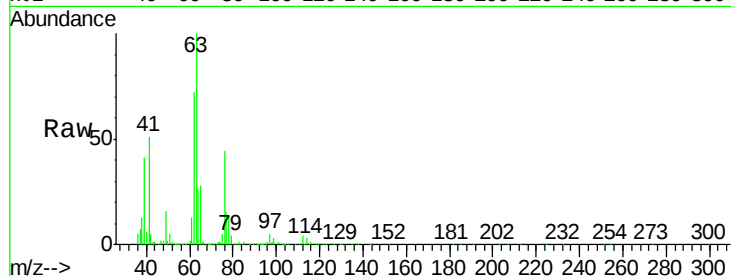
Ion Ratio Lower Upper

63 100

65 28.0 24.6 37.0

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#40

Dibromomethane

Concen: 19.821 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

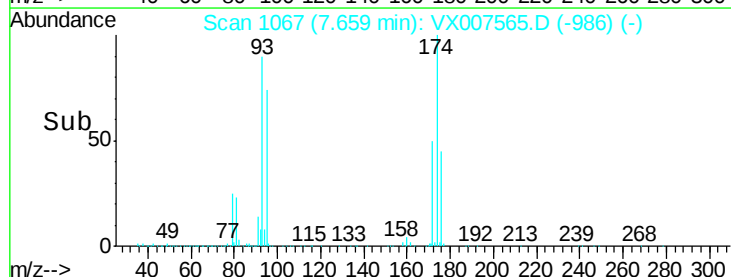
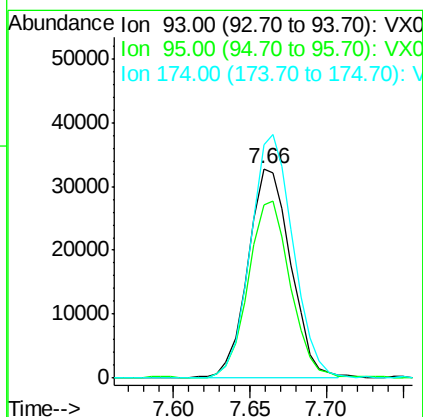
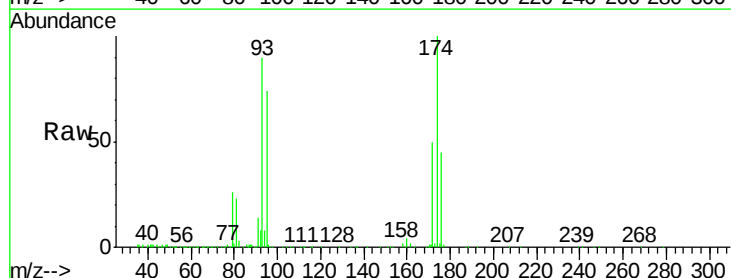
Tgt Ion: 93 Resp: 64001

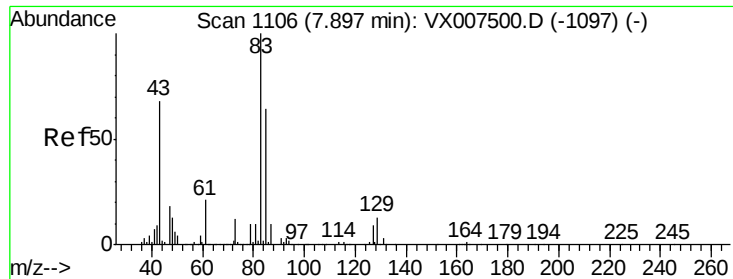
Ion Ratio Lower Upper

93 100

95 82.5 0.0 158.8

174 115.4 0.0 224.2





#41

Bromodichloromethane

Concen: 19.442 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

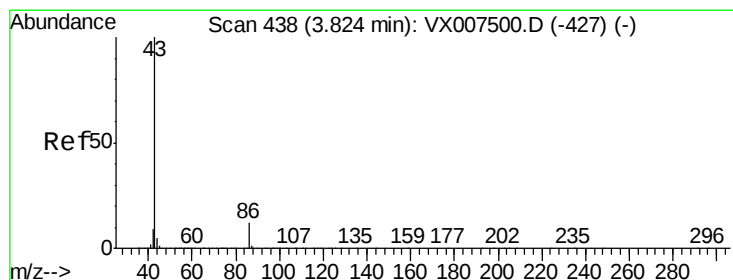
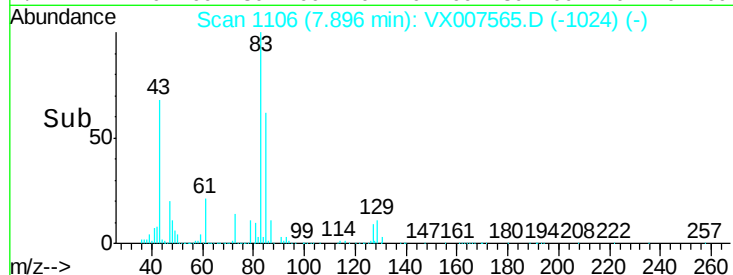
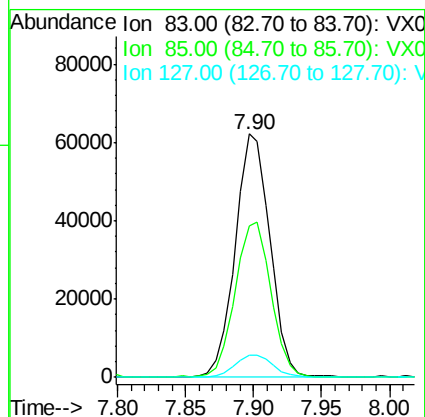
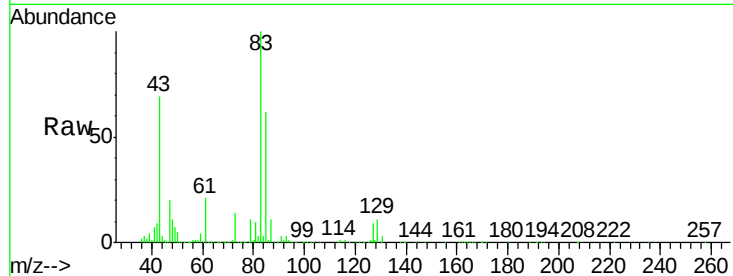
ClientSampleId :

VX0216WBS01

Tot Ion:	83	Resp:	111404
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.1	76.7
127	8.9	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 103.282 ug/l

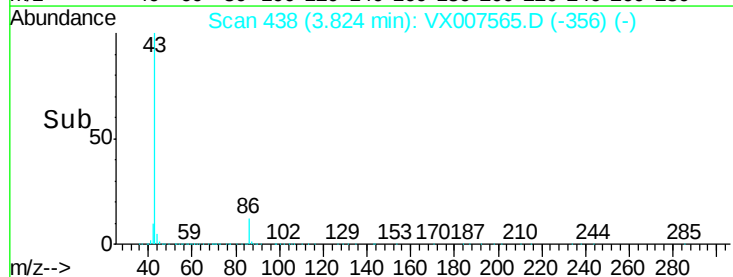
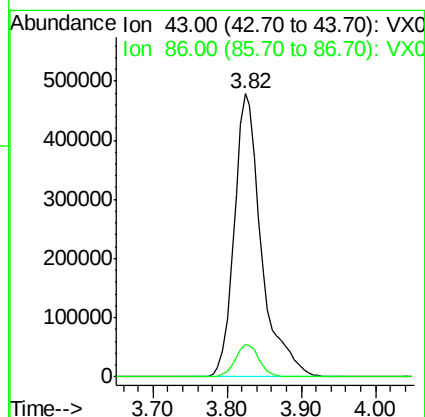
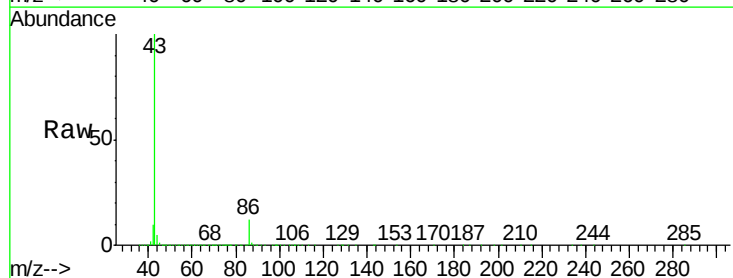
RT: 3.82 min Scan# 438

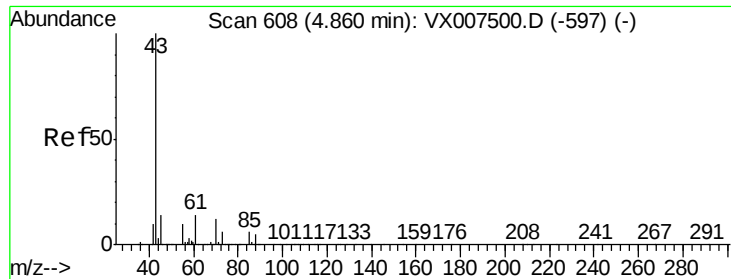
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	43	Resp:	1219805
Ion Ratio	Lower	Upper	
43	100		
86	10.2	8.2	12.2





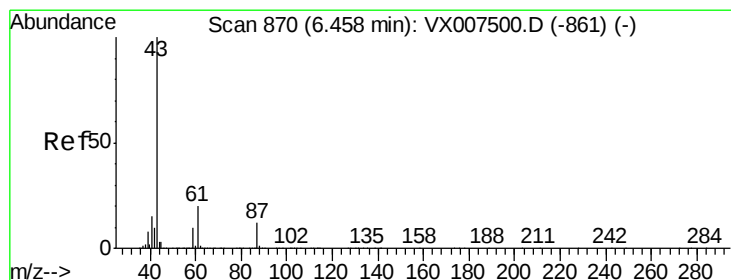
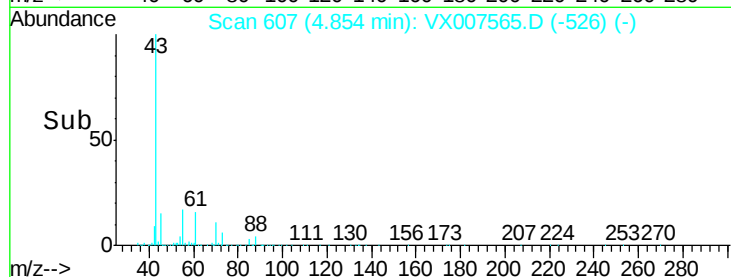
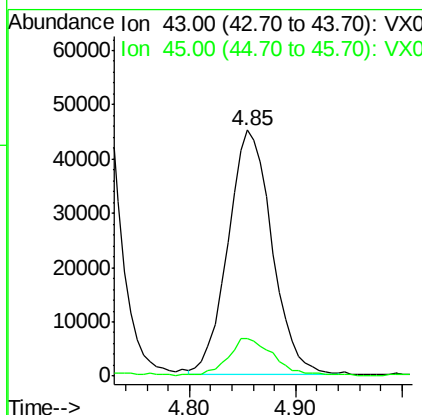
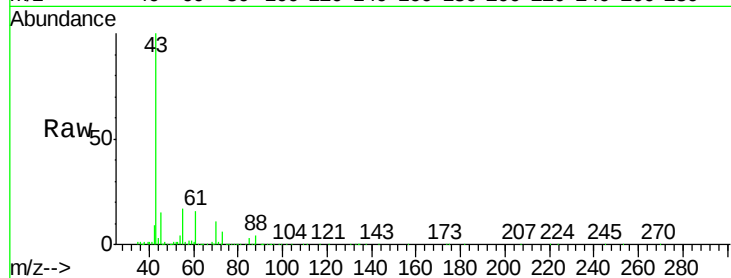
#43
Ethyl Acetate
Concen: 20.241 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion: 43 Resp: 130793
Ion Ratio Lower Upper
43 100
45 15.8 6.9 10.3#

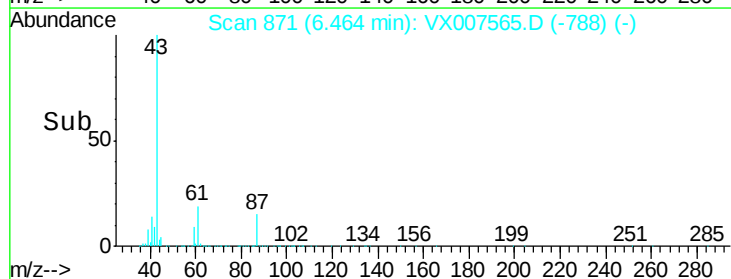
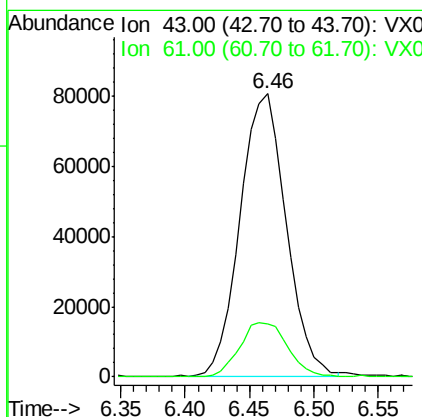
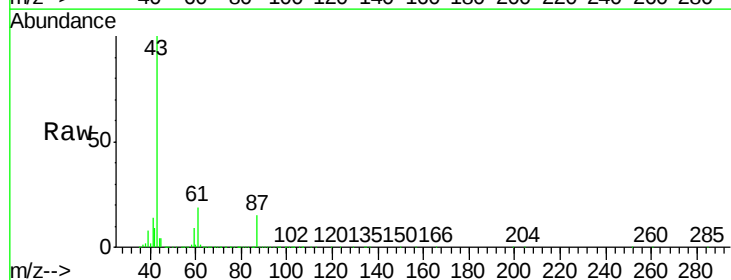
Manual Integrations
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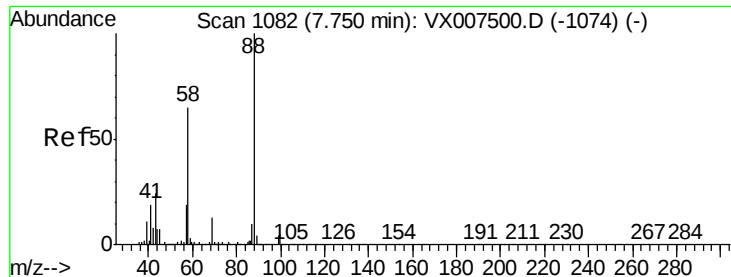
MMDadoda
2/18/2019 10:40:01 AM



#44
Isopropyl Acetate
Concen: 20.051 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion: 43 Resp: 200043
Ion Ratio Lower Upper
43 100
61 20.0 16.1 24.1





#45

1,4-Dioxane

Concen: 410.322 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

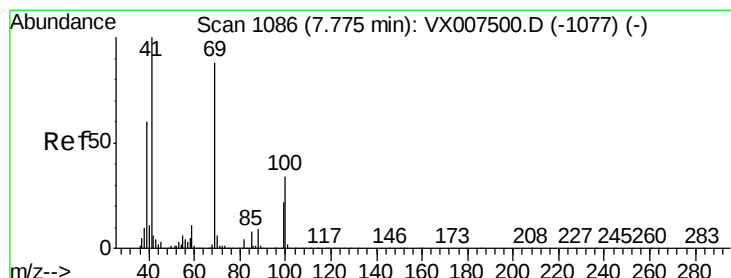
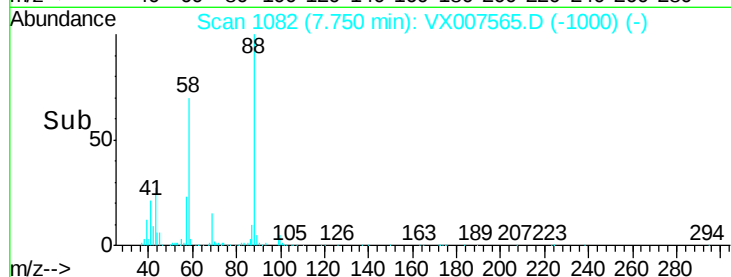
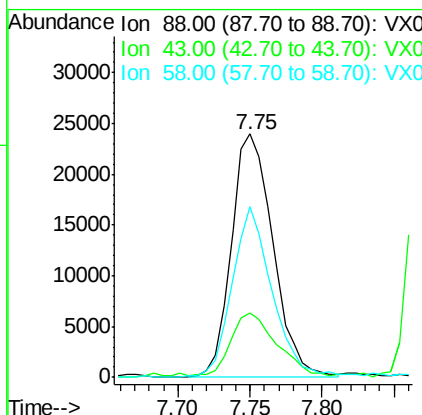
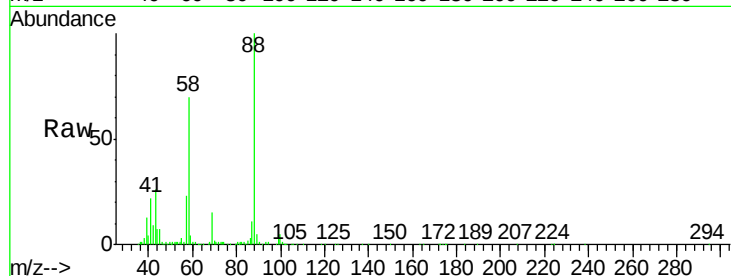
ClientSampleId :

VX0216WBS01

Tot Ion:	88	Resp:	48312
Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.6	35.4
58	65.5	51.6	77.4

Manual Integrations
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MMDadoda
2/18/2019 10:40:01 AM



#46

Methyl methacrylate

Concen: 19.964 ug/l

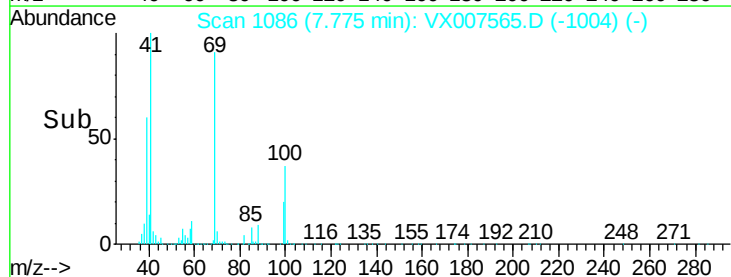
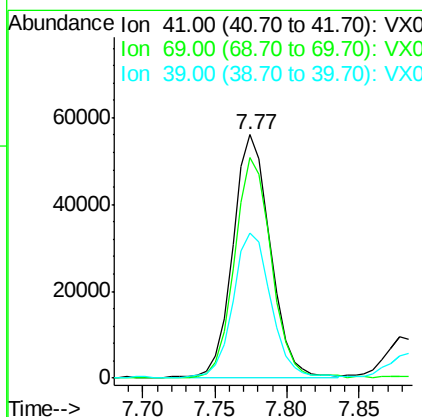
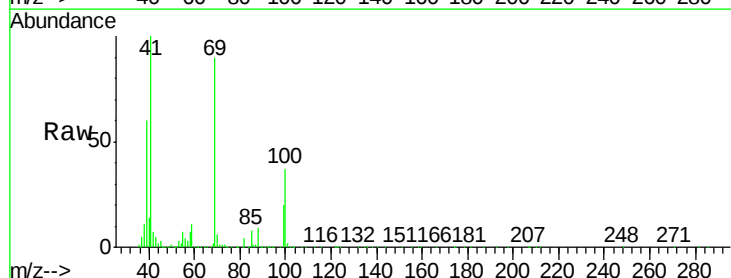
RT: 7.77 min Scan# 1086

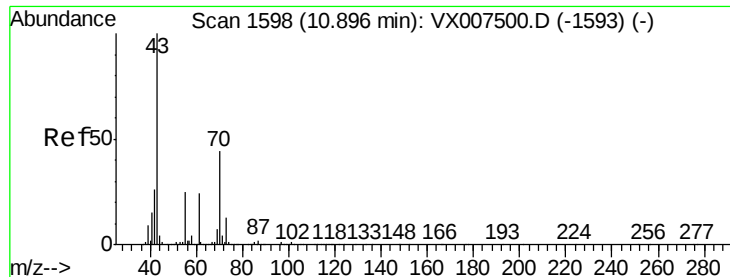
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	41	Resp:	100859
Ion	Ratio	Lower	Upper
41	100		
69	90.7	44.2	132.6
39	59.5	29.9	89.8





#47

n-amvl Acetate

Concen: 19.474 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 43 Resp: 171243

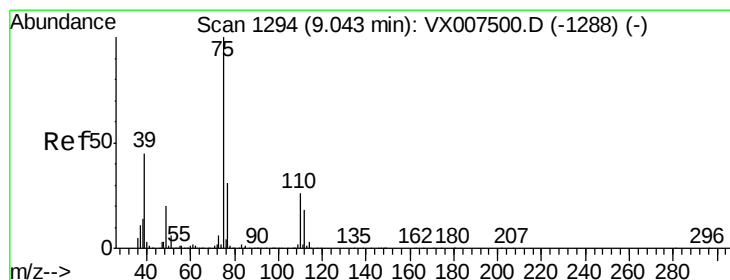
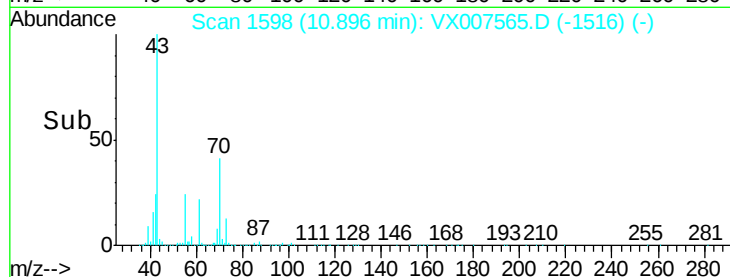
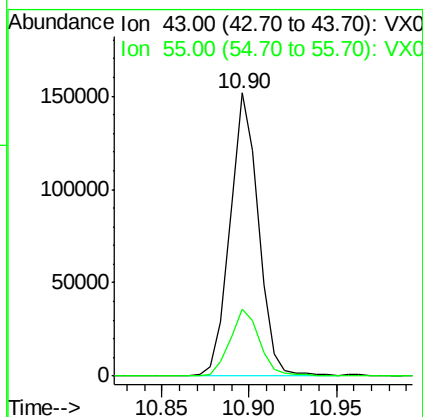
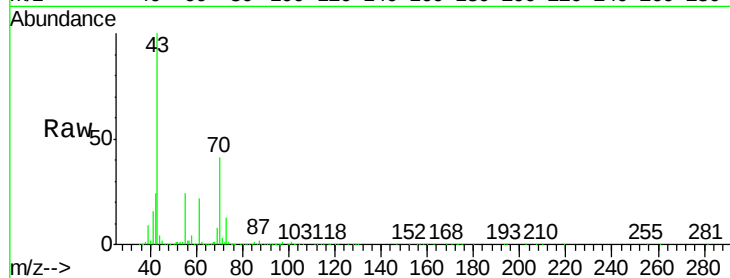
Ion Ratio Lower Upper

43 100

55 24.9 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 19.610 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007565.D

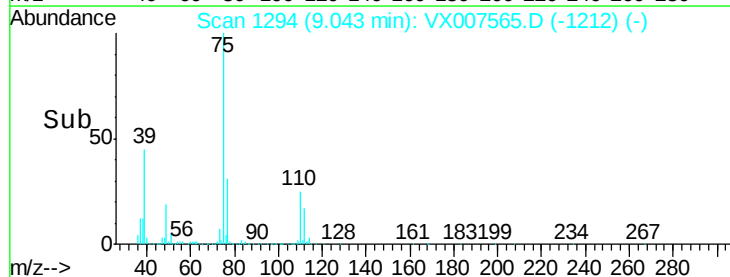
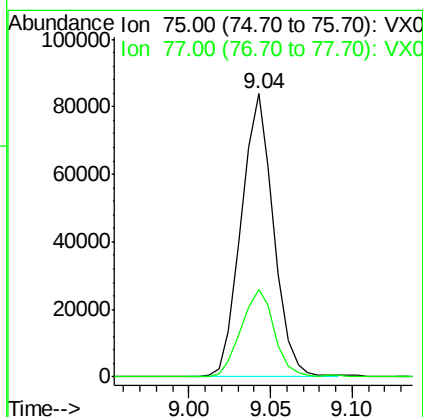
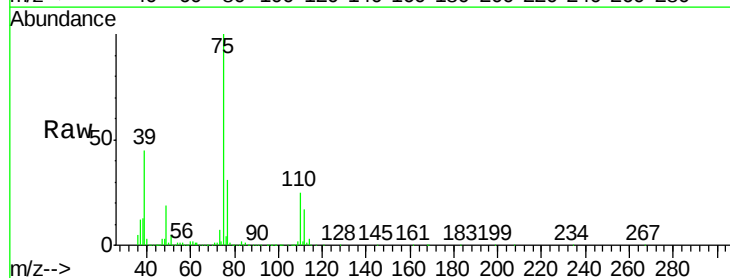
Acq: 15 Feb 2019 13:58

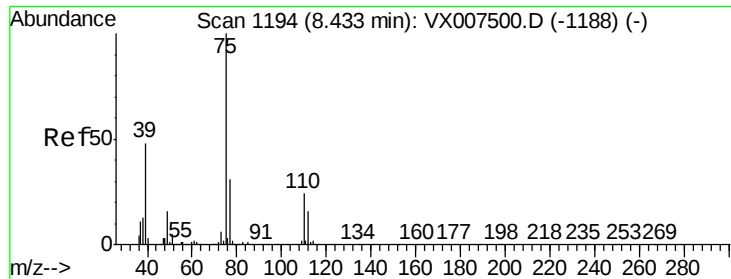
Tgt Ion: 75 Resp: 115997

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7





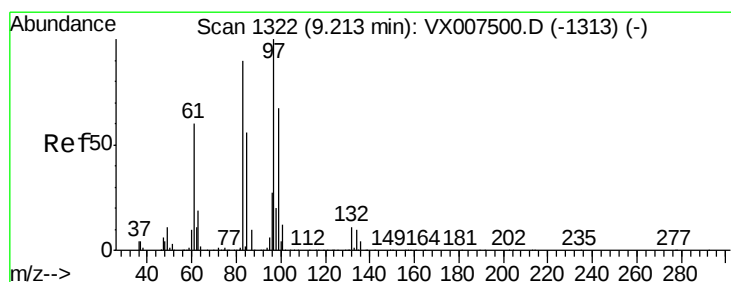
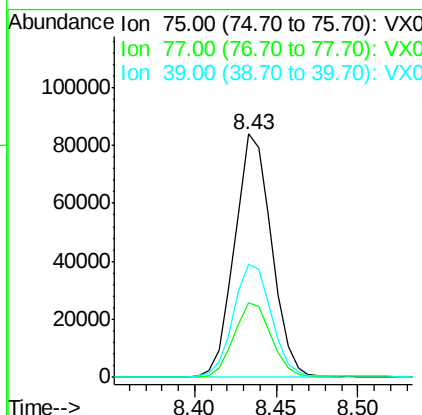
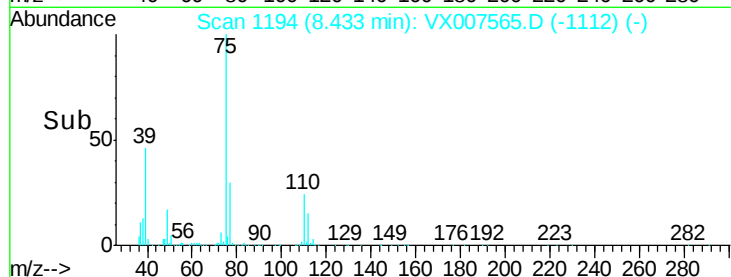
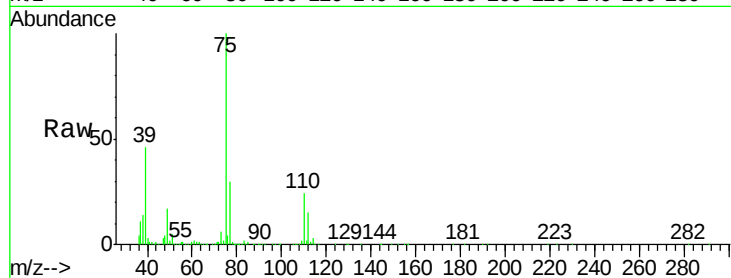
#49
 cis-1,3-Dichloropropene
 Concen: 20.131 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	46.1	38.5	57.7

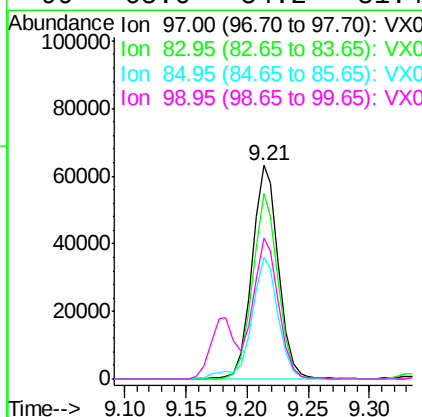
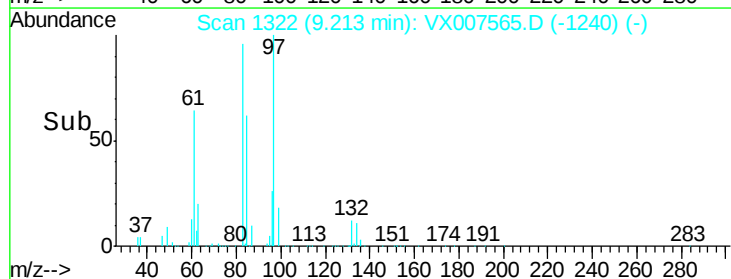
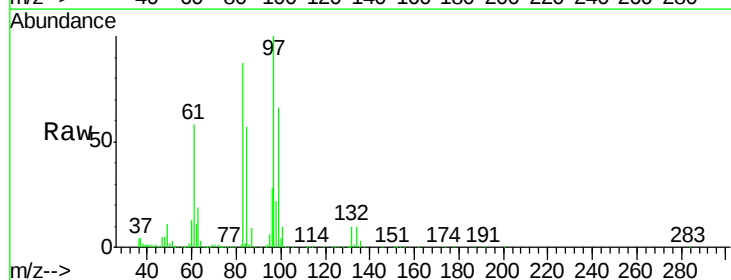
Manual Integrations
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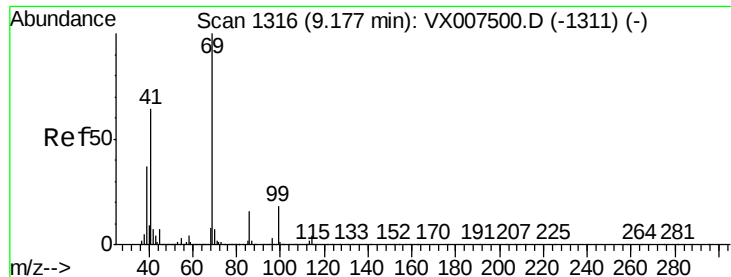
MMDadoda
 2/18/2019 10:40:01 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.202 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.0	108.0
85	56.6	45.0	67.6
99	65.6	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.531 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

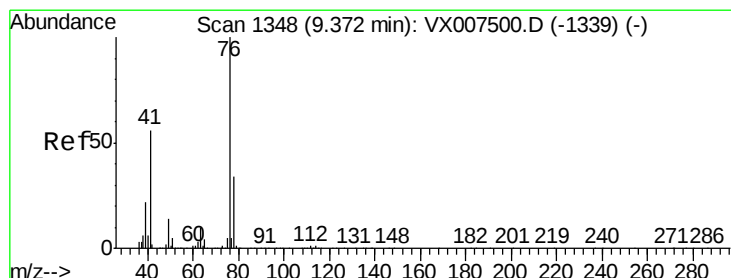
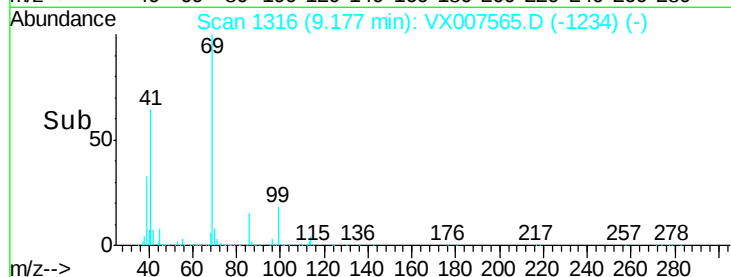
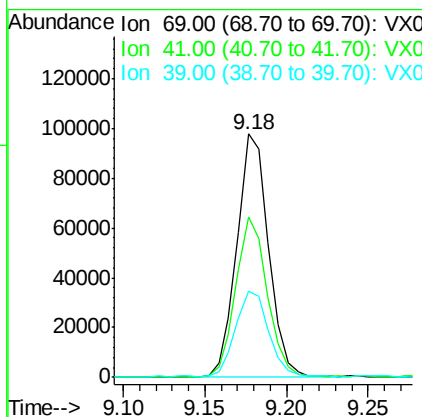
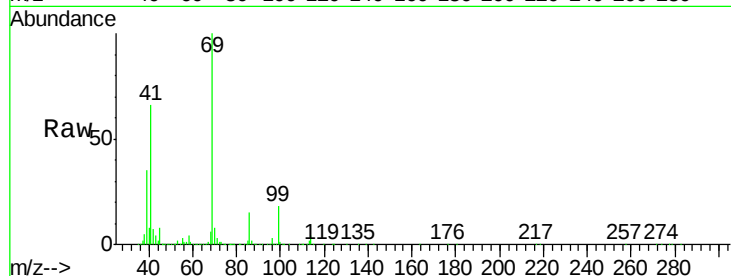
ClientSampleId :

VX0216WBS01

Tot Ion:	69	Resp:	133308
Ion Ratio	Lower	Upper	
69	100		
41	65.6	32.1	96.5
39	35.0	18.8	56.3

Manual Integrations
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MMDadoda
2/18/2019 10:40:01 AM



#52

1,3-Dichloropropane

Concen: 20.197 ug/l

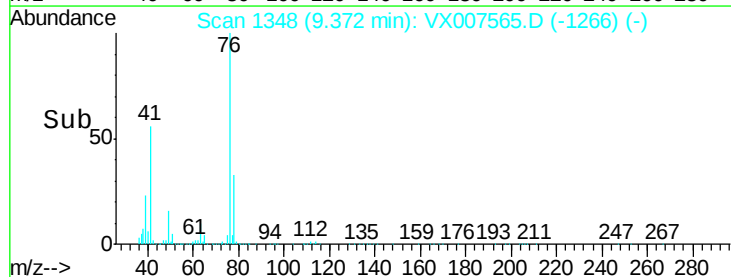
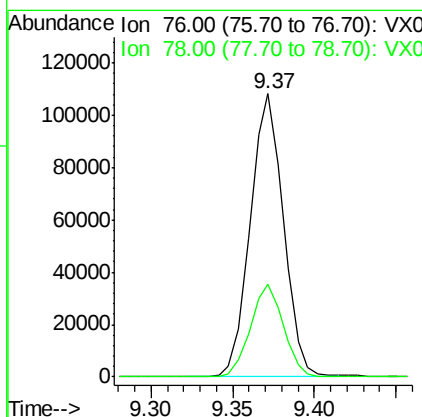
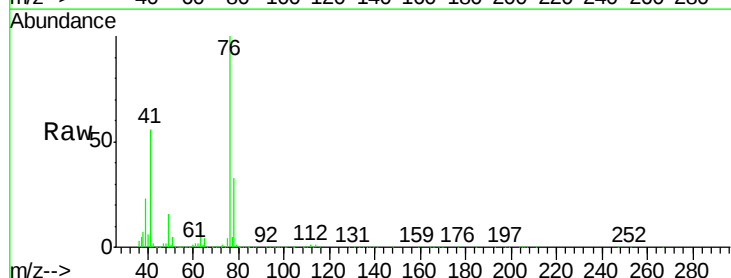
RT: 9.37 min Scan# 1348

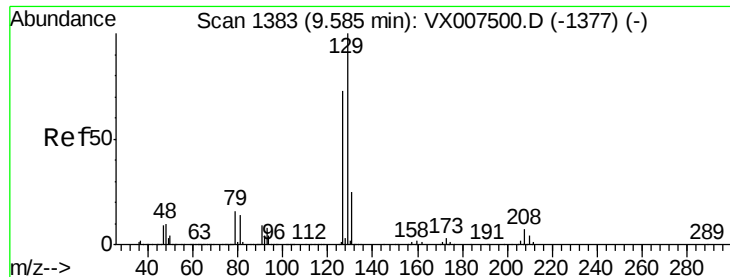
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	76	Resp:	153376
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	65.2





#53

Dibromochloromethane

Concen: 19.366 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion:129 Resp: 94831

Ion Ratio Lower Upper

129 100

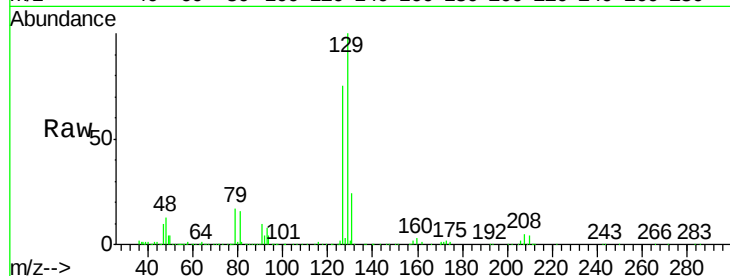
127 75.9 38.4 115.2

Manual Integrations

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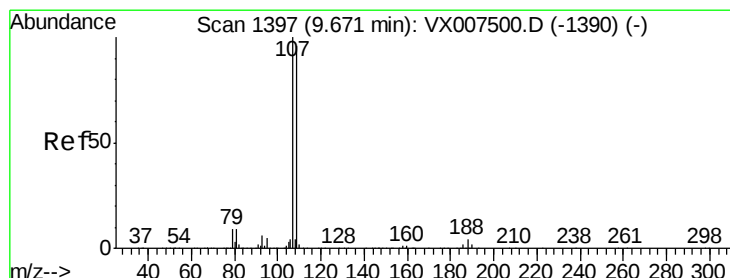
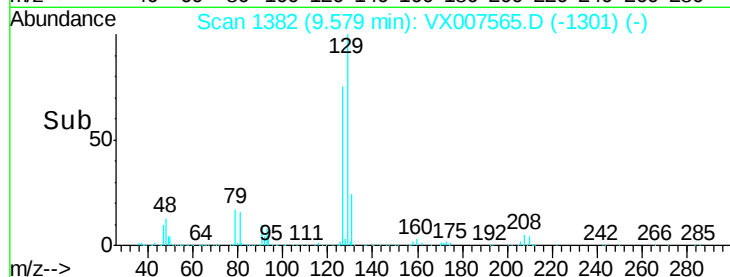
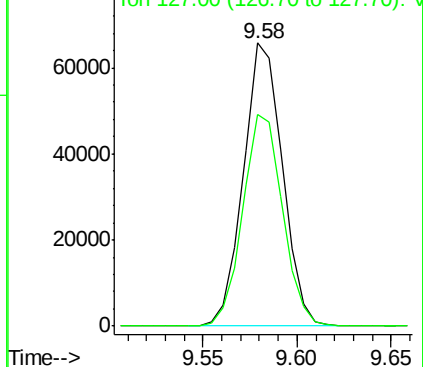
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.860 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007565.D

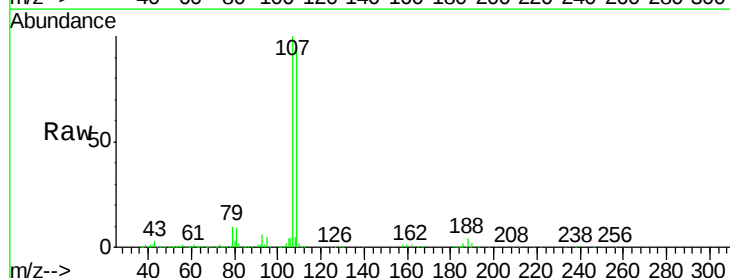
Acq: 15 Feb 2019 13:58

Tgt Ion:107 Resp: 102384

Ion Ratio Lower Upper

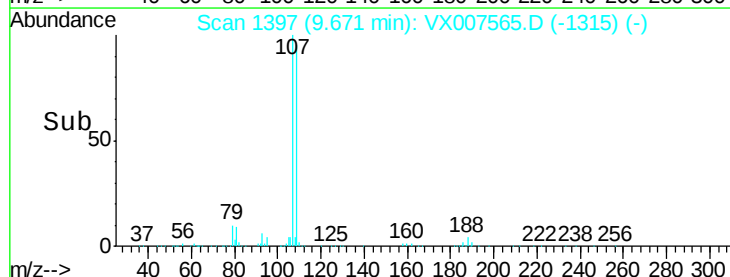
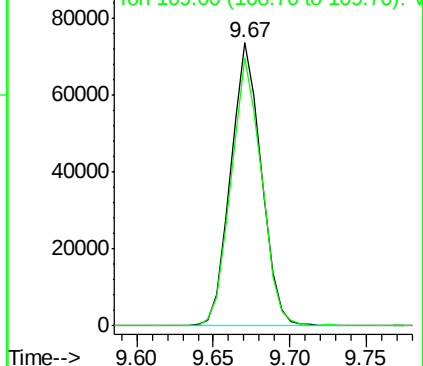
107 100

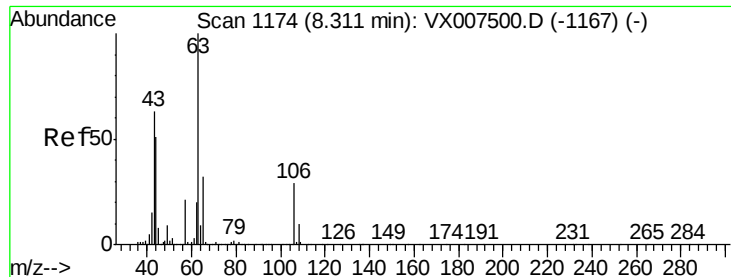
109 93.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 99.096 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 63 Resp: 343873

Ion Ratio Lower Upper

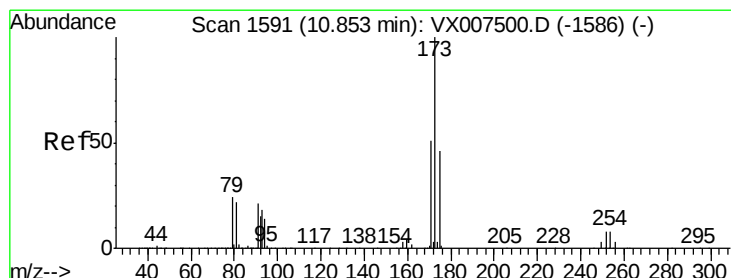
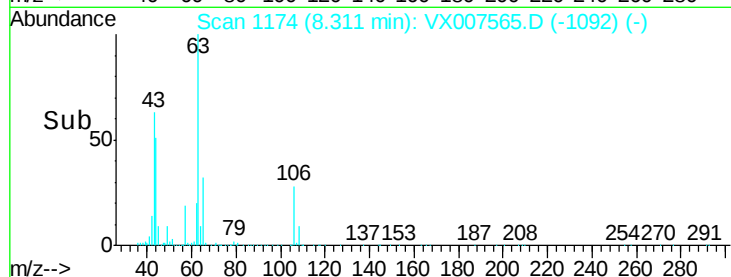
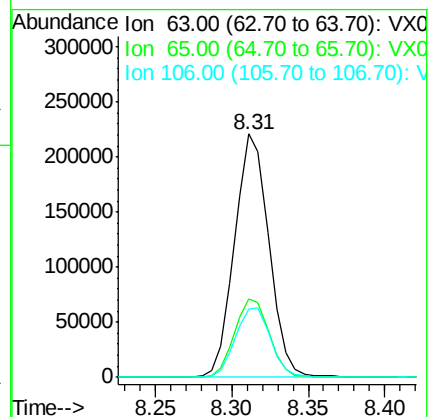
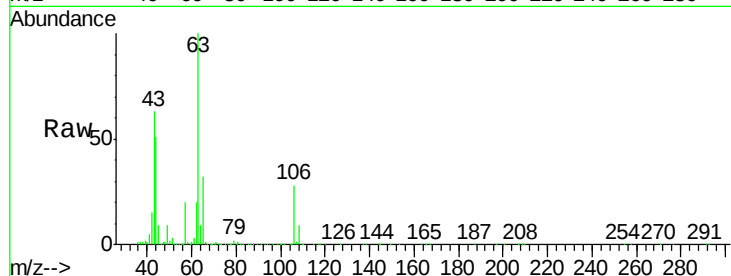
63 100

65 32.5 25.7 38.5

106 29.2 23.7 35.5

Manual Integrations
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2/18/2019 10:40:01 AM



#56

Bromoform

Concen: 18.710 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

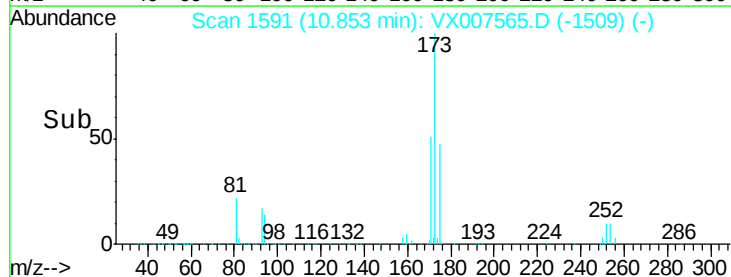
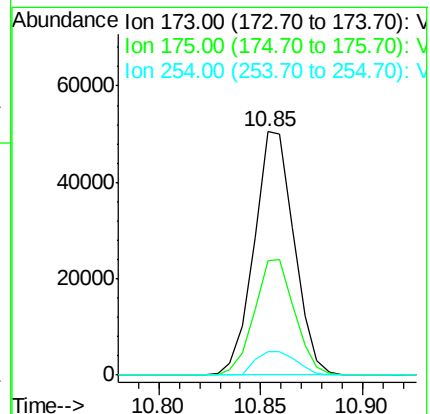
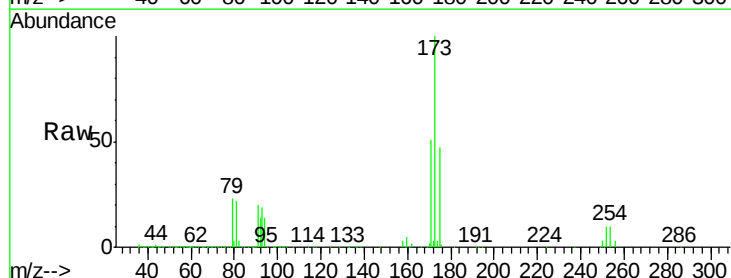
Tgt Ion: 173 Resp: 69106

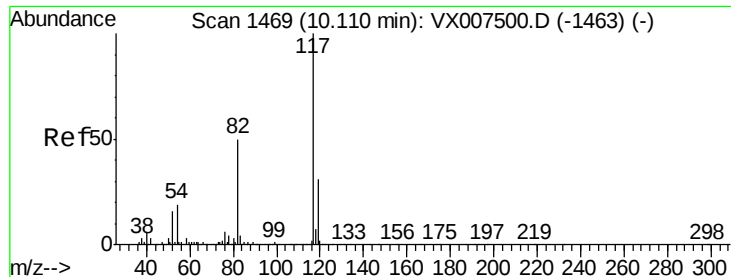
Ion Ratio Lower Upper

173 100

175 48.0 38.5 57.7

254 10.0 7.4 11.2





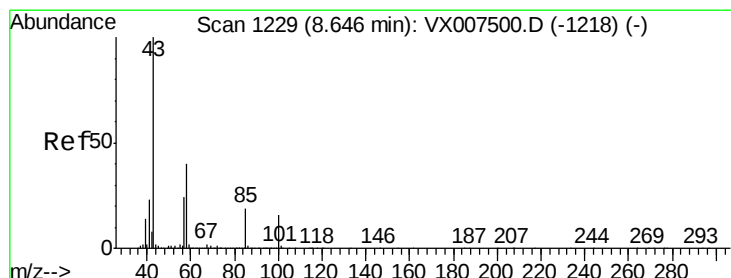
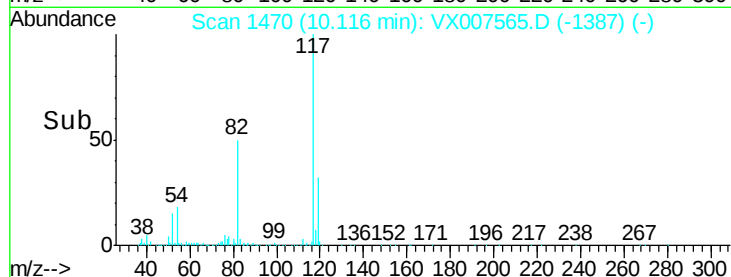
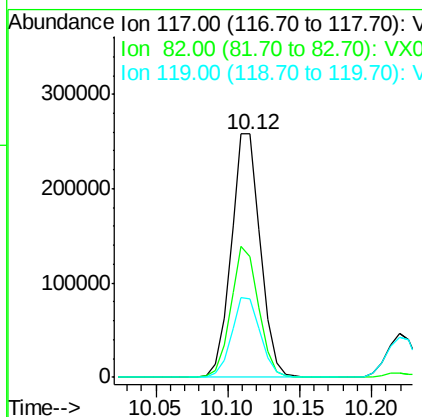
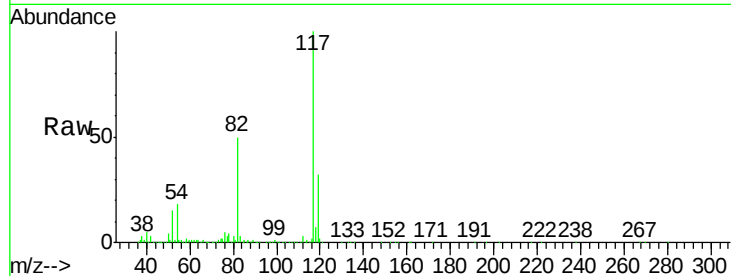
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.4	60.6
119	32.4	25.8	38.6

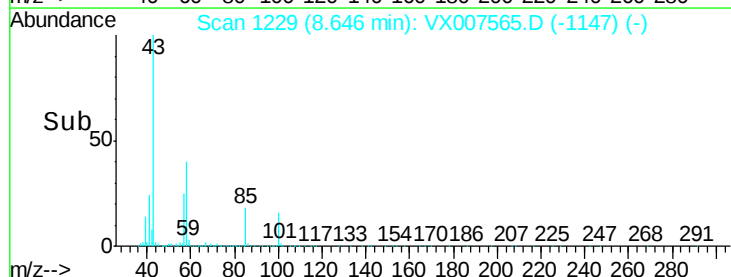
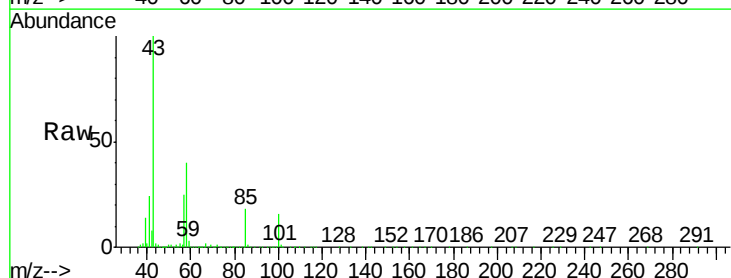
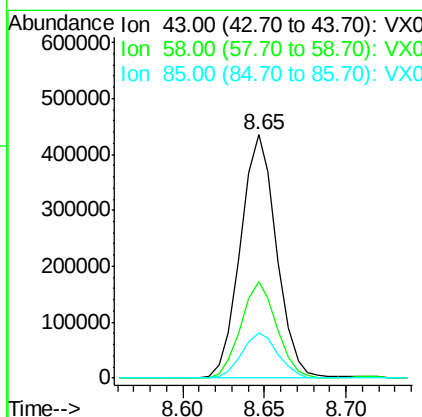
Manual Integrations
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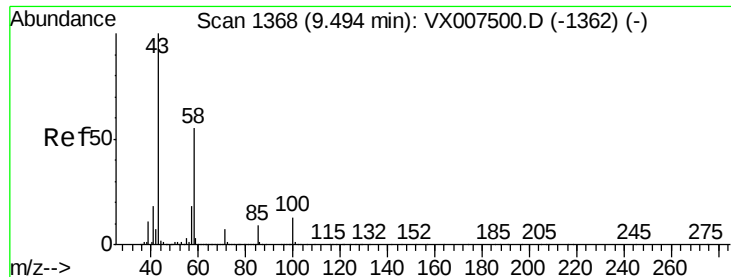
MMDadoda
2/18/2019 10:40:01 AM



#58
4-Methyl-2-Pentanone
Concen: 102.297 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.4	47.0
85	18.6	15.0	22.6





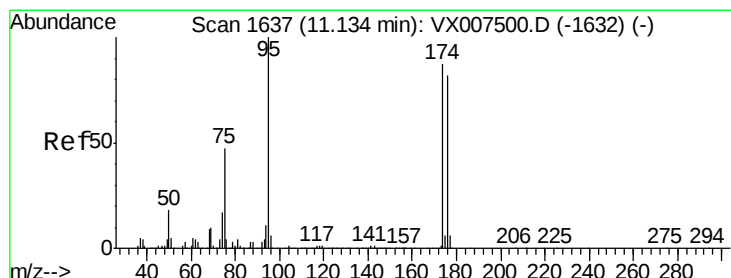
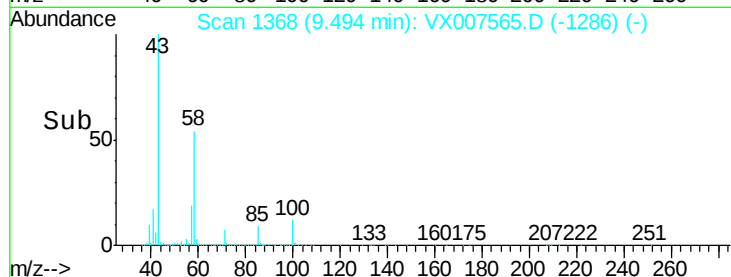
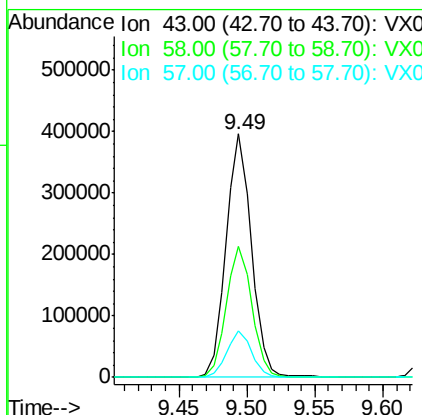
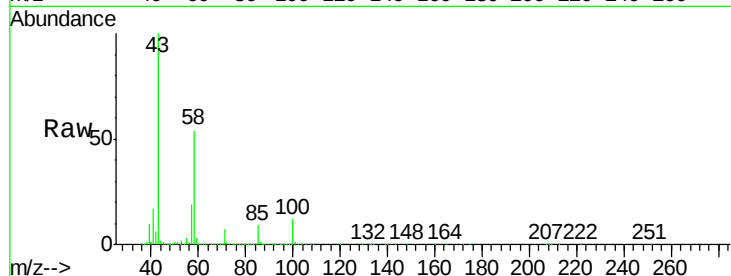
#59
2-Hexanone
Concen: 103.329 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.9	65.9
57	18.7	14.9	22.3

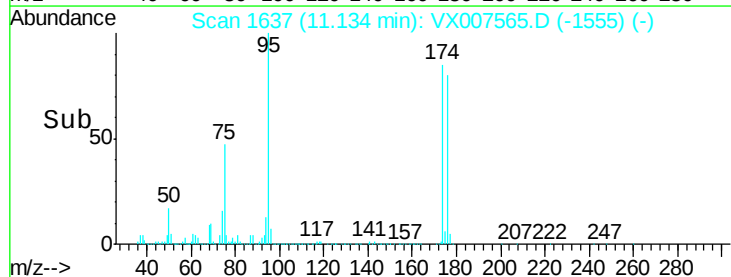
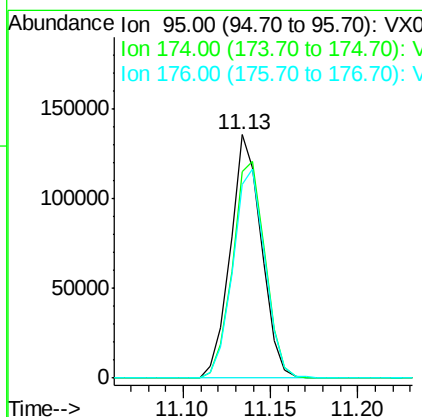
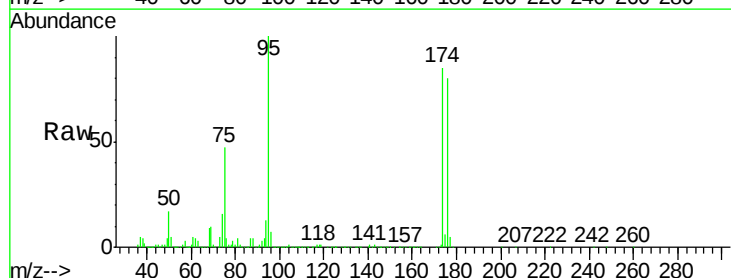
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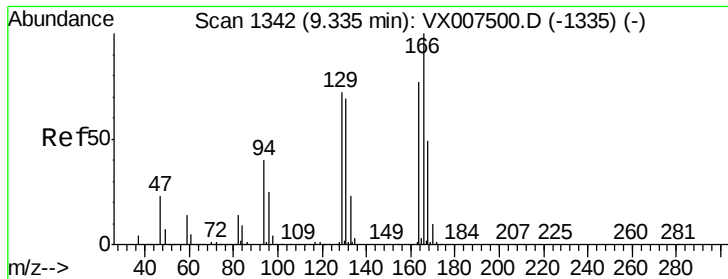
MMDadoda
2/18/2019 10:40:01 AM



#60
4-Bromofluorobenzene
Concen: 29.937 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	74.9	112.3
176	88.8	70.7	106.1





#61

Tetrachloroethene

Concen: 20.233 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

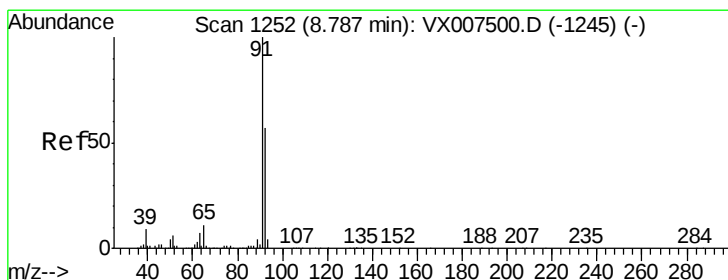
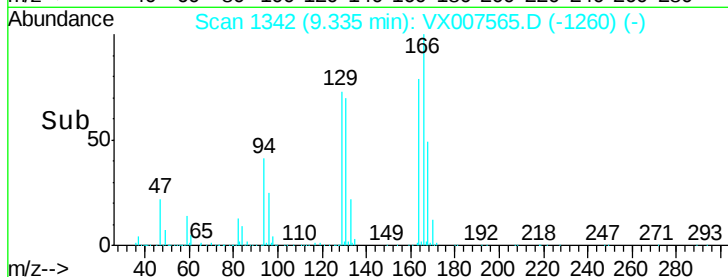
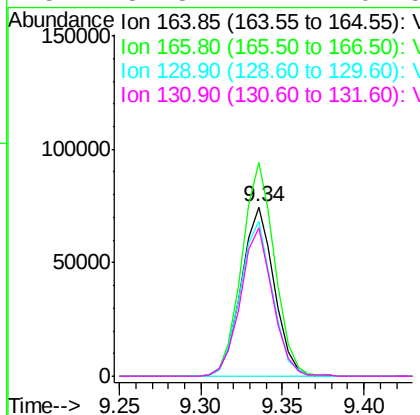
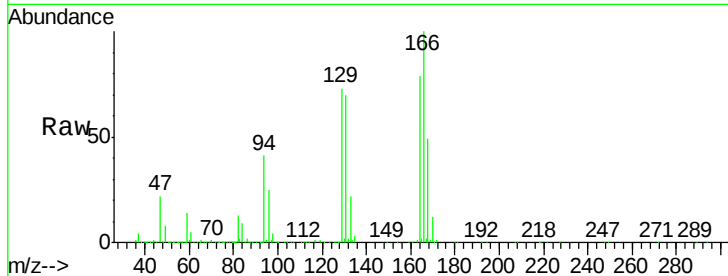
ClientSampleId :

VX0216WBS01

Tot Ion:	164	Resp:	104564
Ion Ratio	Lower	Upper	
164	100		
166	126.0	103.9	155.9
129	91.5	74.7	112.1
131	87.8	71.7	107.5

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#62

Toluene

Concen: 20.162 ug/l

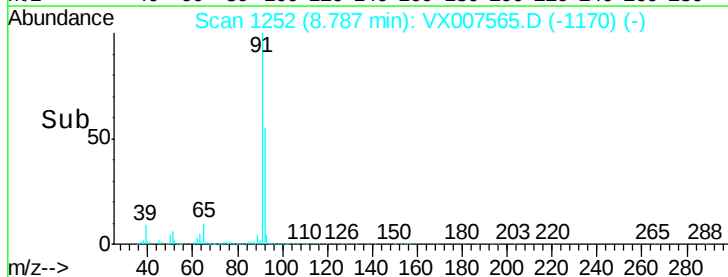
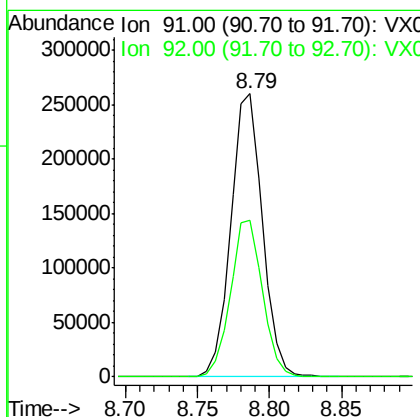
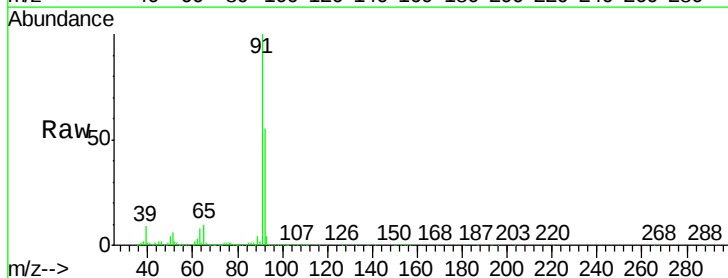
RT: 8.79 min Scan# 1252

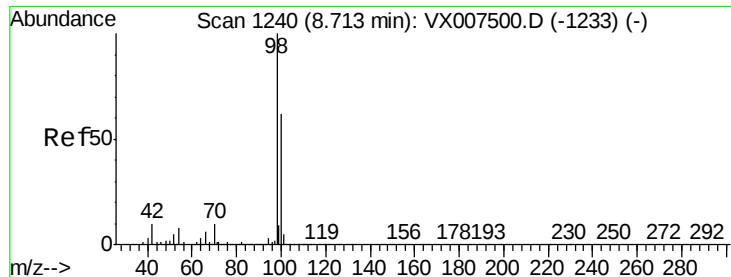
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	91	Resp:	399735
Ion Ratio	Lower	Upper	
91	100		
92	56.1	46.4	69.6





#63

Toluene-d8

Concen: 30.002 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 98 Resp: 493653

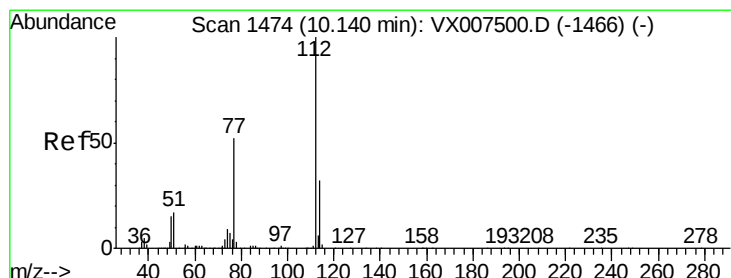
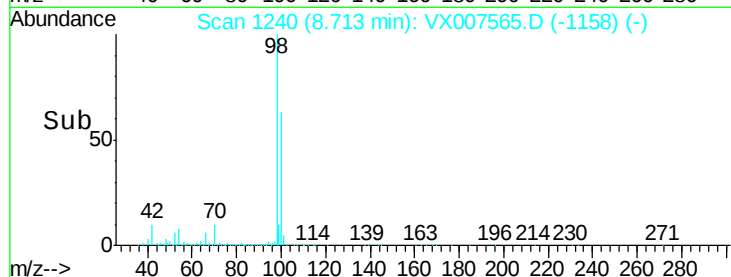
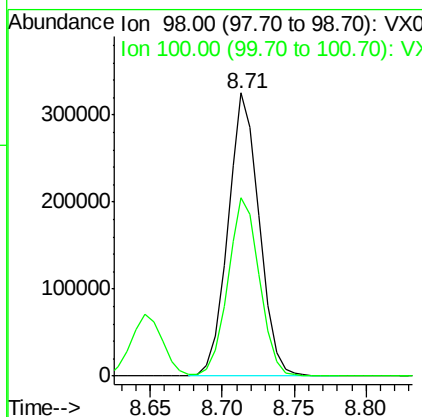
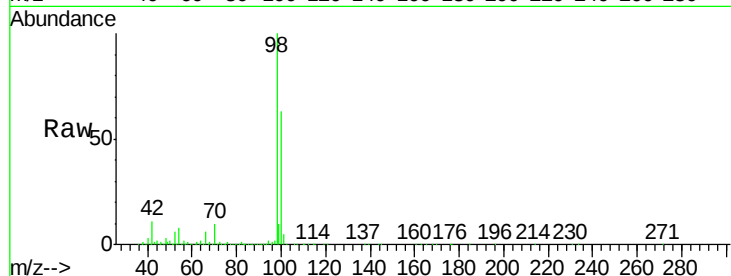
Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

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#64

Chlorobenzene

Concen: 19.760 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007565.D

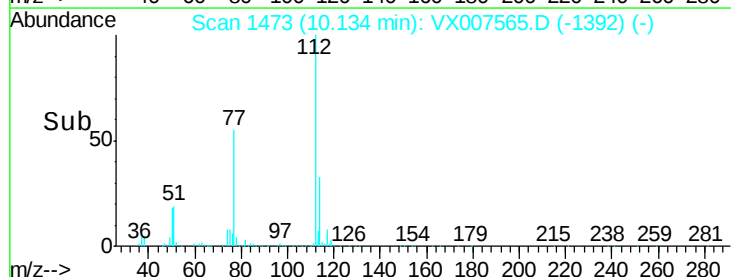
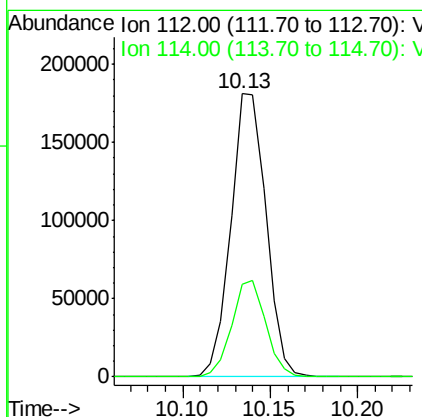
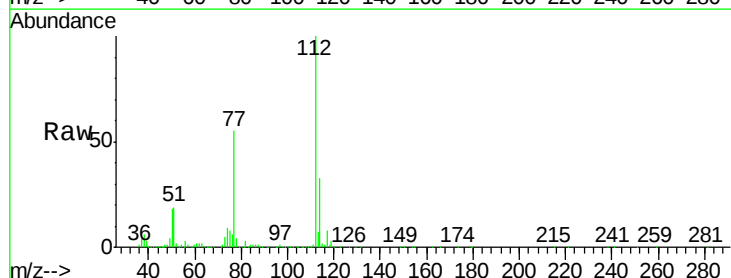
Acq: 15 Feb 2019 13:58

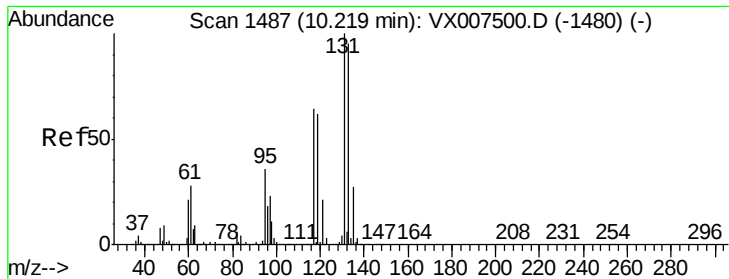
Tgt Ion: 112 Resp: 254603

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.944 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

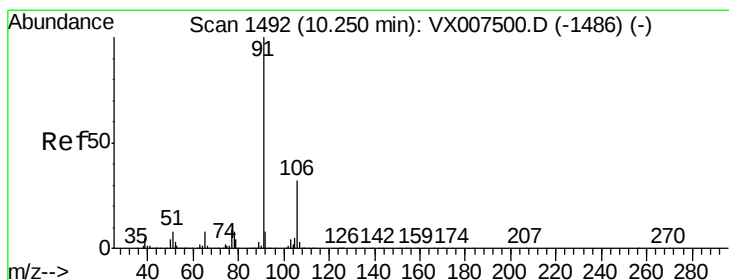
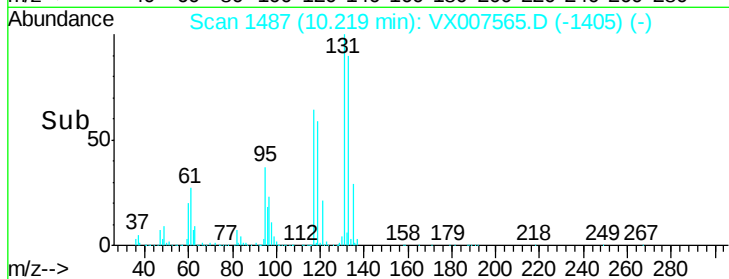
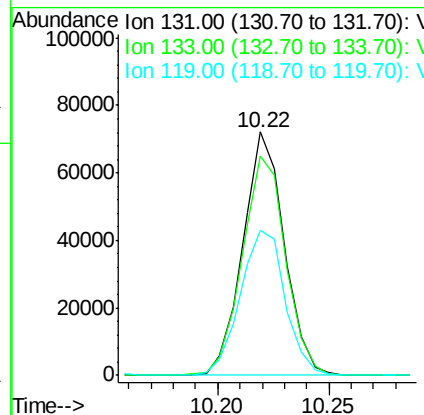
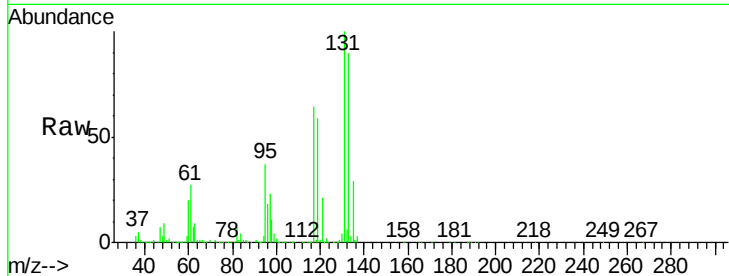
ClientSampleId :

VX0216WBS01

Tot Ion:	131	Resp:	93077
Ion Ratio	Lower	Upper	
131	100		
133	95.0	0.0	191.6
119	64.9	0.0	127.4

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#66

Ethyl Benzene

Concen: 19.958 ug/l

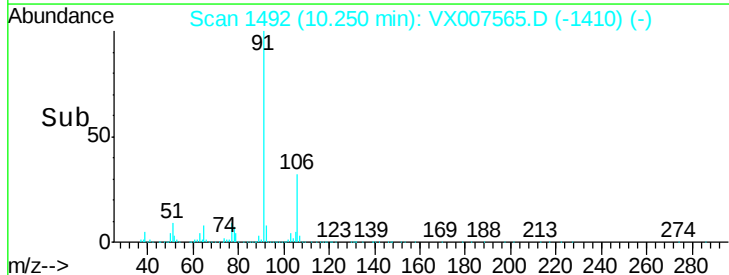
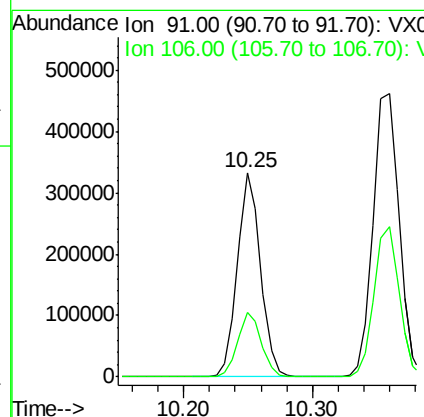
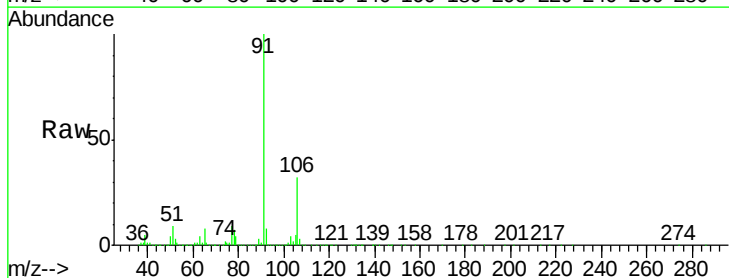
RT: 10.25 min Scan# 1492

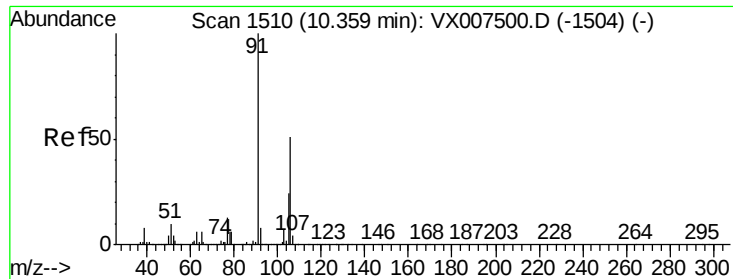
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	91	Resp:	419906
Ion Ratio	Lower	Upper	
91	100		
106	31.8	26.0	39.0





#67

m/p-Xylenes

Concen: 39.797 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion:106 Resp: 328415

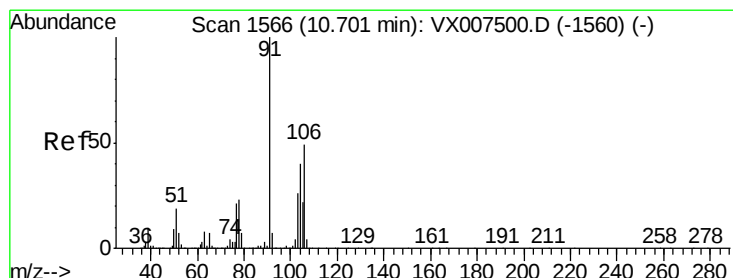
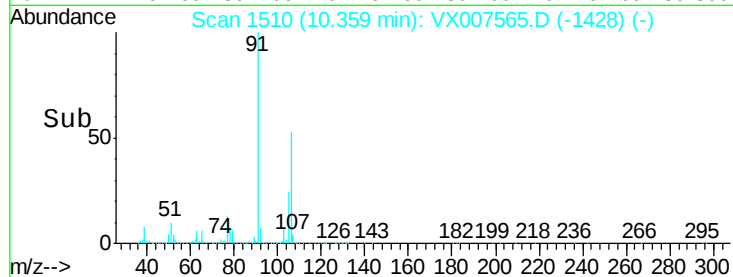
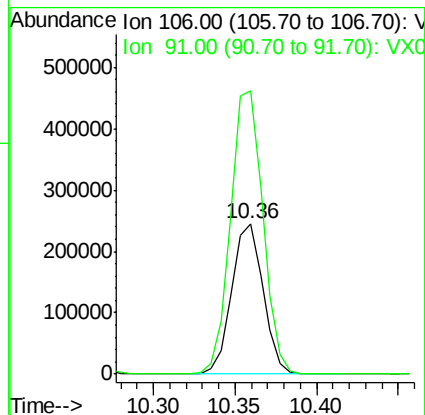
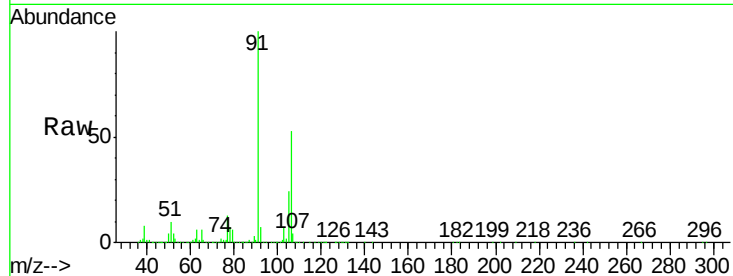
Ion Ratio Lower Upper

106 100

91 194.1 157.0 235.4

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#68

o-Xylene

Concen: 20.209 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007565.D

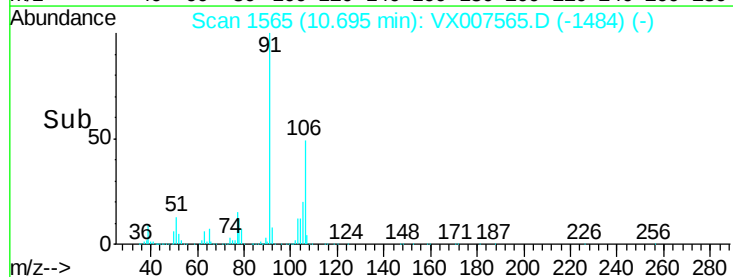
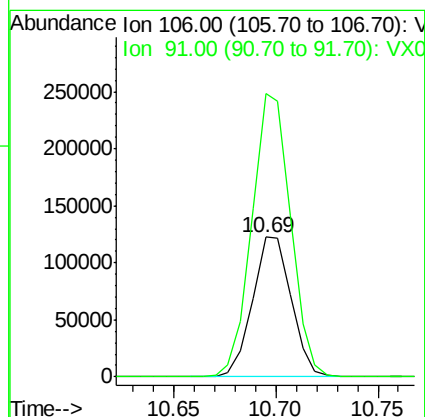
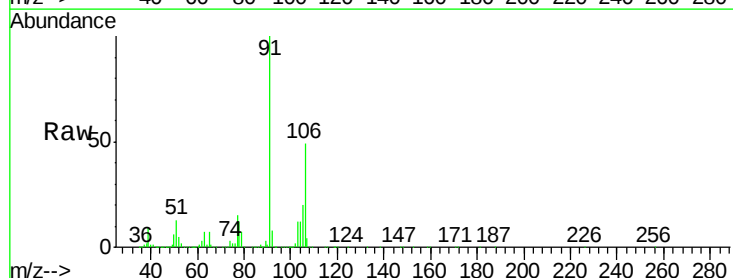
Acq: 15 Feb 2019 13:58

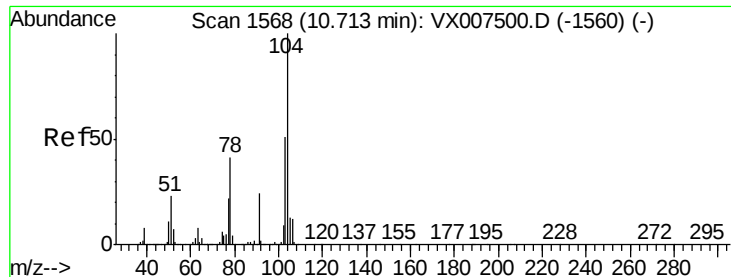
Tgt Ion:106 Resp: 162650

Ion Ratio Lower Upper

106 100

91 202.1 104.4 313.2





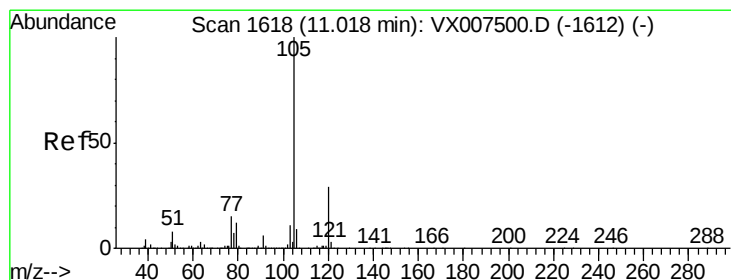
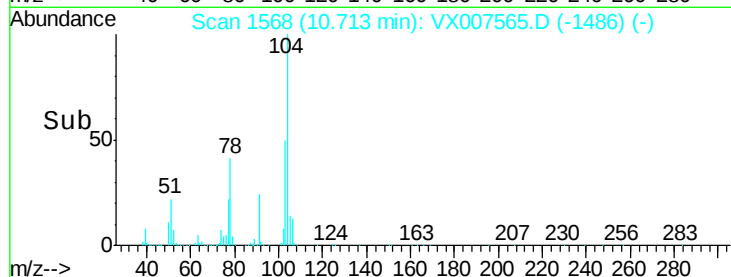
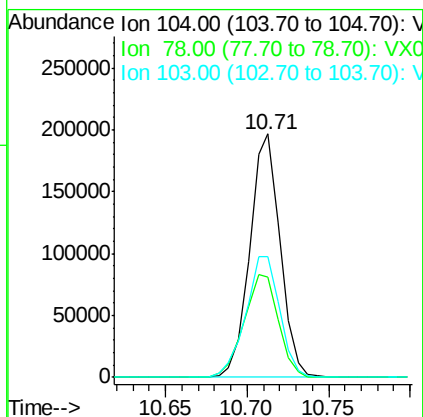
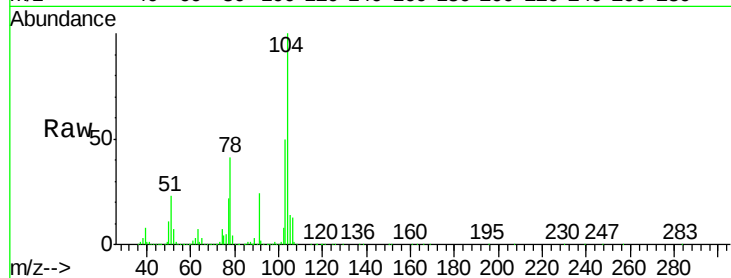
#69
Stvrene
Concen: 19.669 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.2	57.2
103	56.1	45.0	67.4

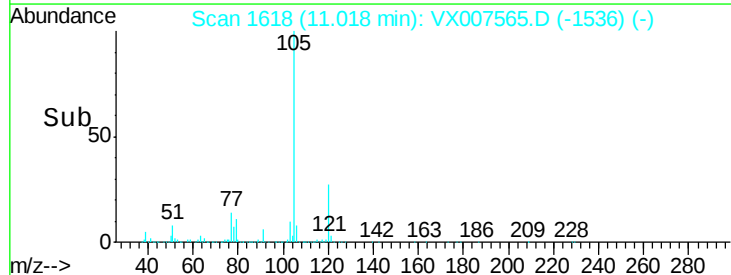
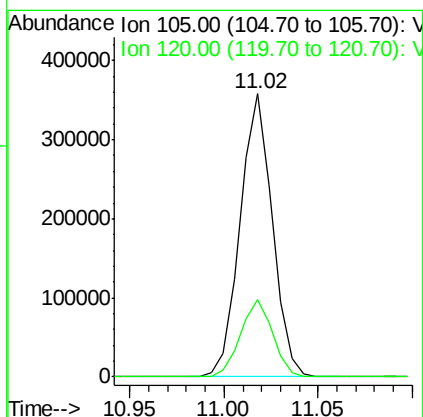
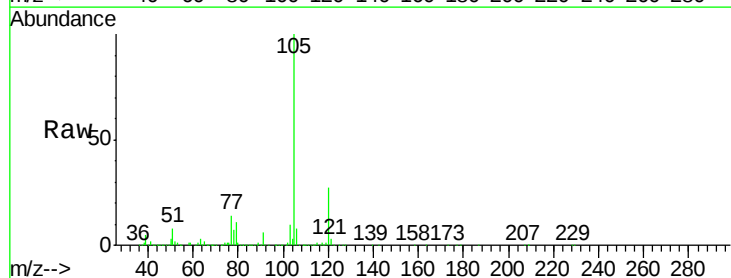
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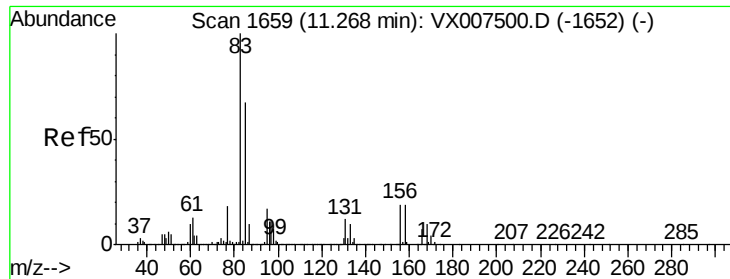
MMDadoda
2/18/2019 10:40:01 AM



#70
Isopropylbenzene
Concen: 19.969 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.8	36.8





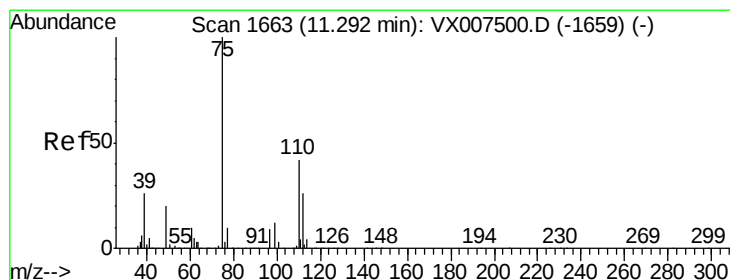
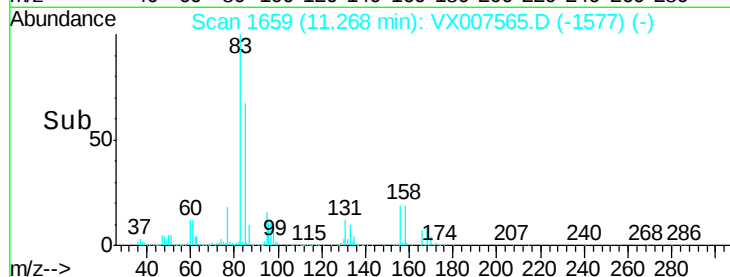
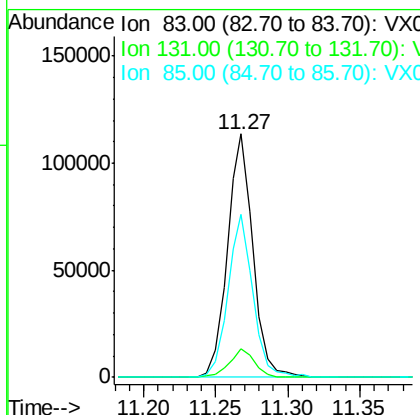
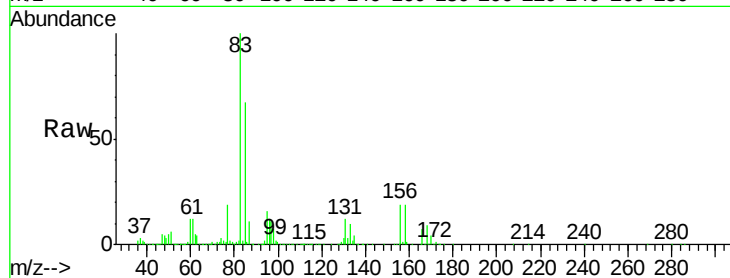
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.140 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.4	16.2
85	65.6	32.8	98.4

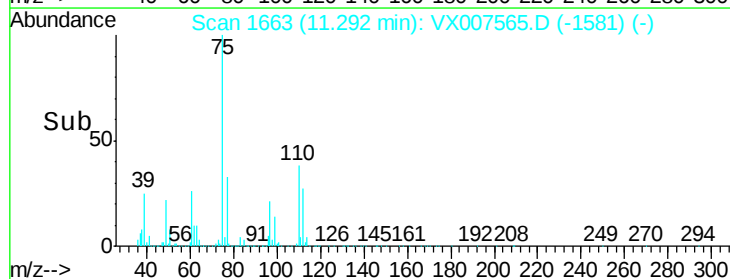
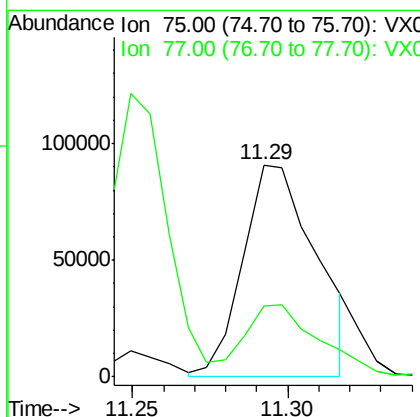
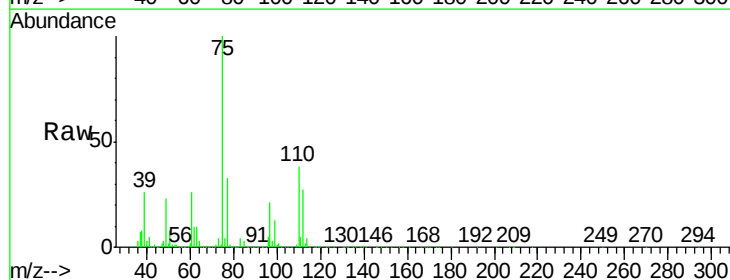
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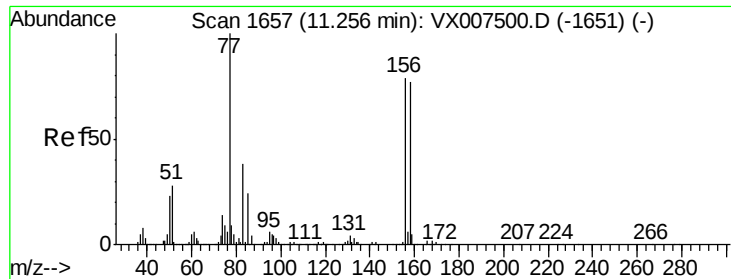
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#72
 1,2,3-Trichloropropane
 Concen: 23.182 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.2	0.0	76.4





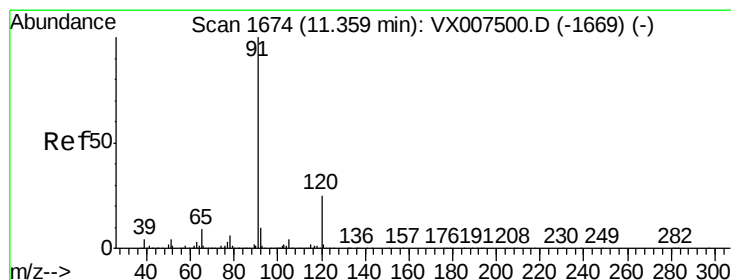
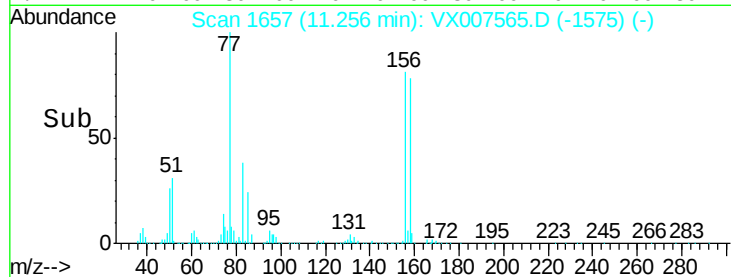
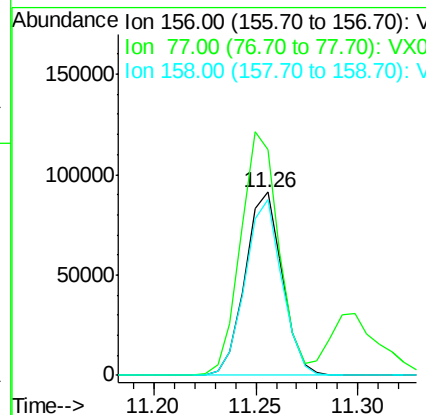
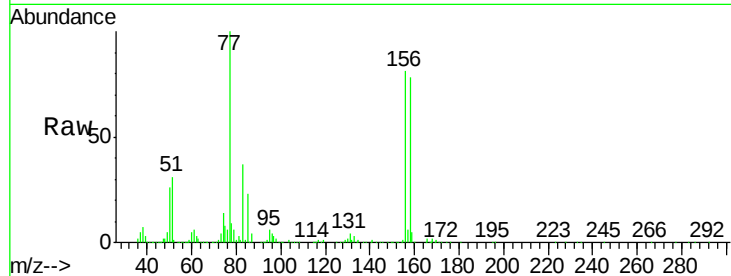
#73
Bromobenzene
Concen: 19.998 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	115929		
77	135.3	0.0	271.4	
158	95.0	0.0	194.0	

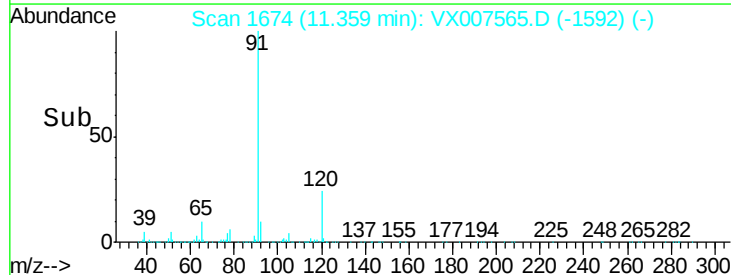
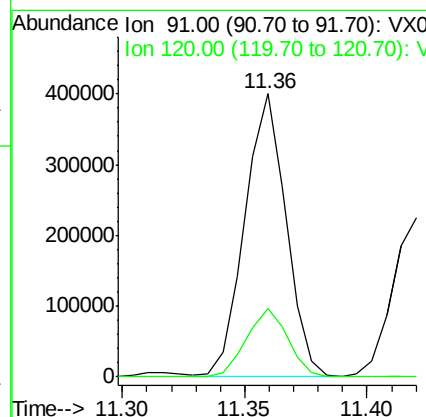
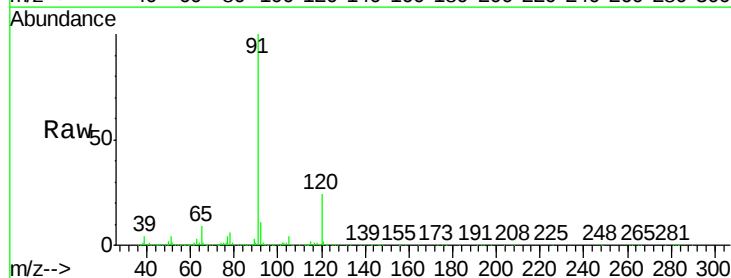
Manual Integrations
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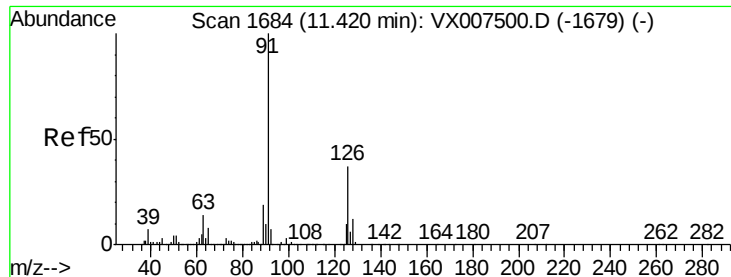
MMDadoda
2/18/2019 10:40:01 AM



#74
n-propylbenzene
Concen: 19.992 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	471337		
120	24.1	0.0	48.6	





#75

2-Chlorotoluene

Concen: 19.800 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 91 Resp: 279116

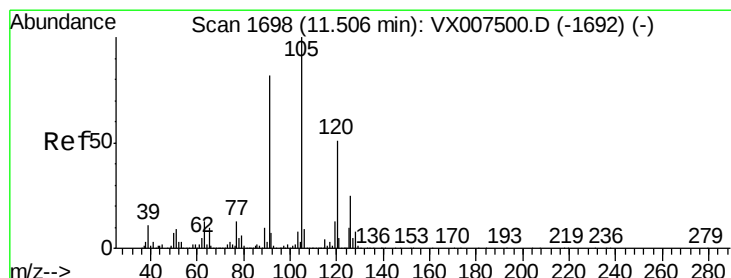
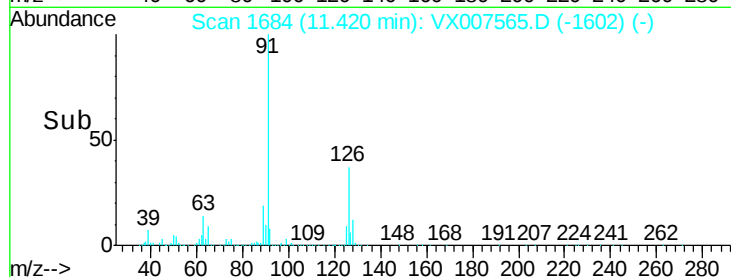
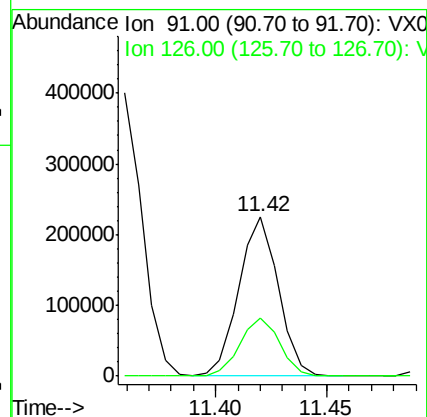
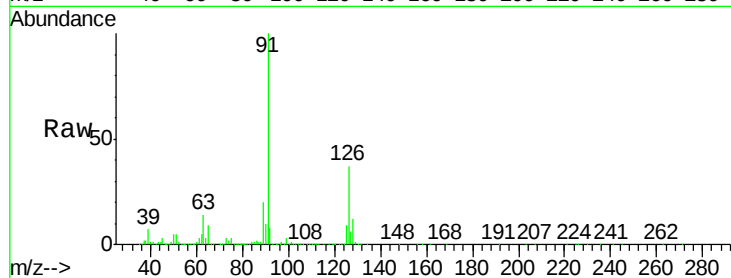
Ion Ratio Lower Upper

91 100

126 37.0 0.0 75.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.727 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007565.D

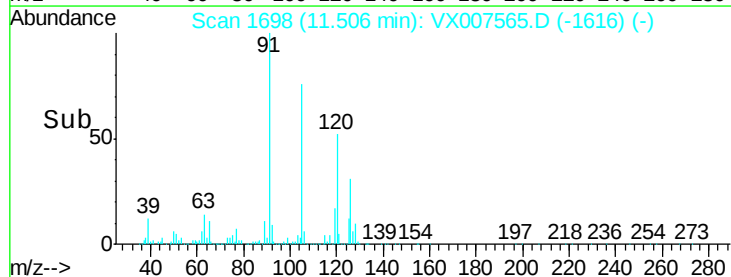
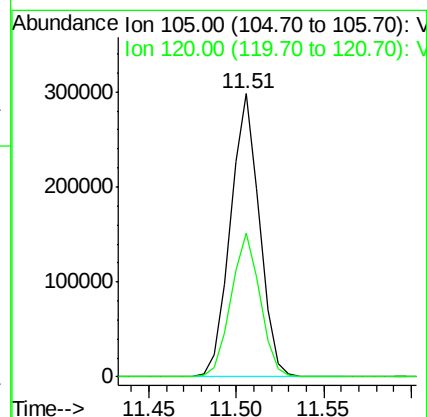
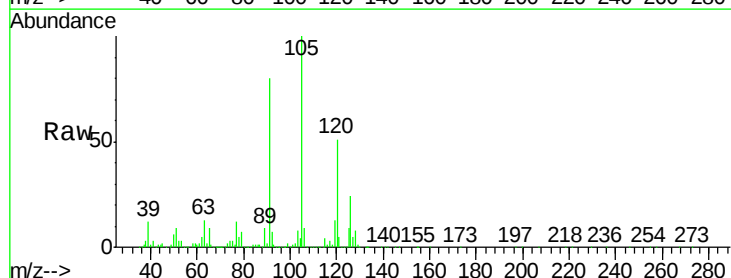
Acq: 15 Feb 2019 13:58

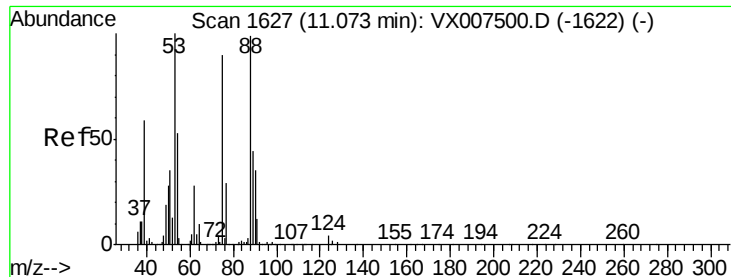
Tgt Ion: 105 Resp: 341925

Ion Ratio Lower Upper

105 100

120 51.0 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.771 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0216WBS01

Tot Ion: 75 Resp: 34773

Ion Ratio Lower Upper

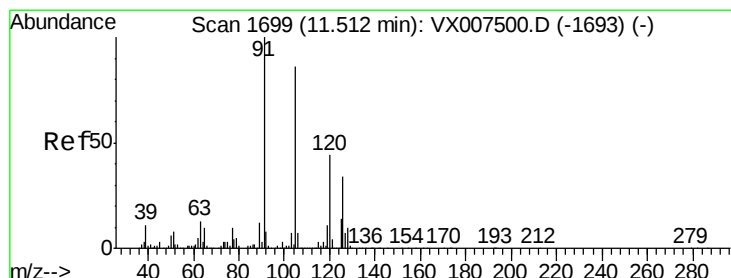
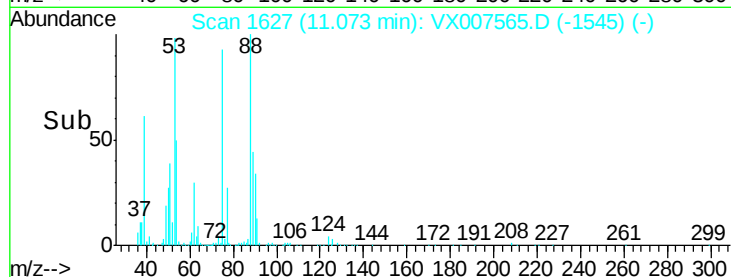
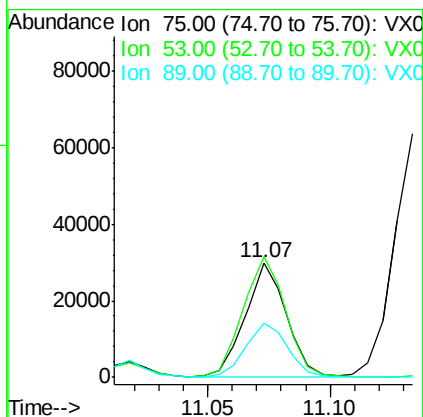
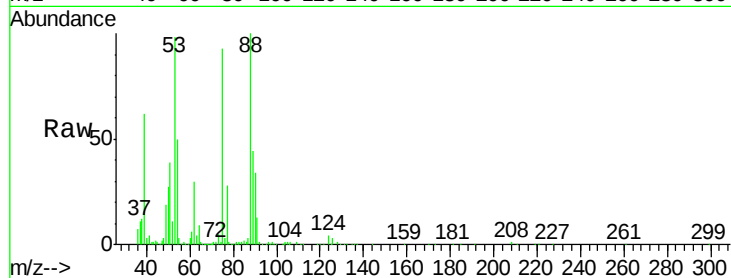
75 100

53 104.3 55.5 166.7

89 46.9 24.4 73.2

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#78

4-Chlorotoluene

Concen: 19.700 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007565.D

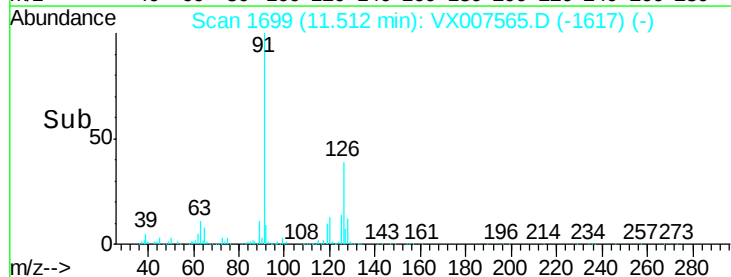
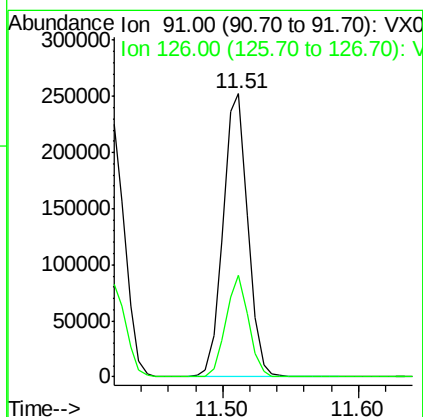
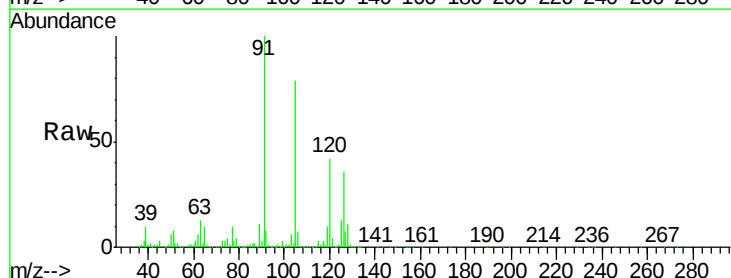
Acq: 15 Feb 2019 13:58

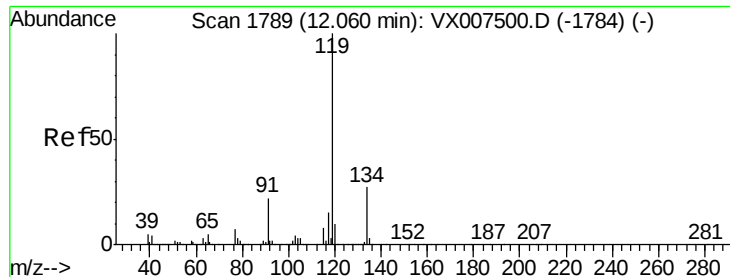
Tgt Ion: 91 Resp: 316983

Ion Ratio Lower Upper

91 100

126 33.0 0.0 66.2





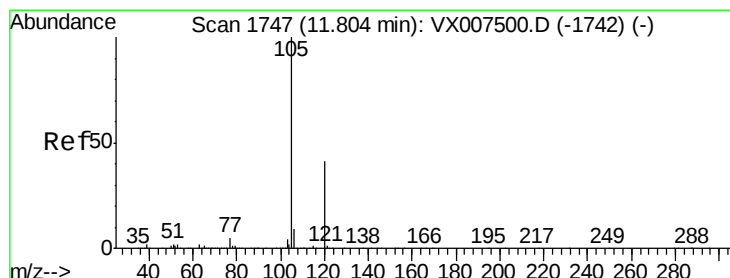
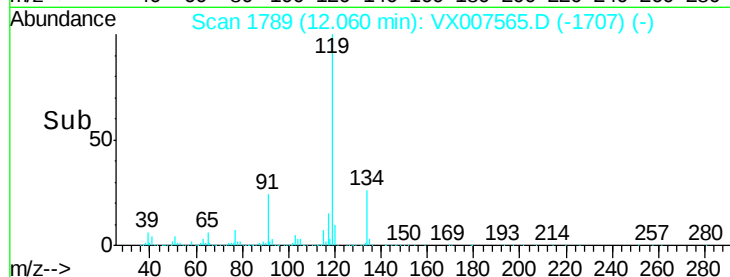
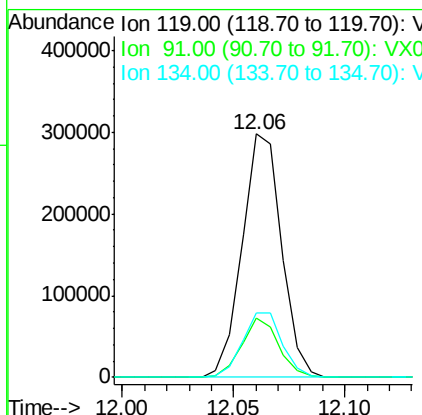
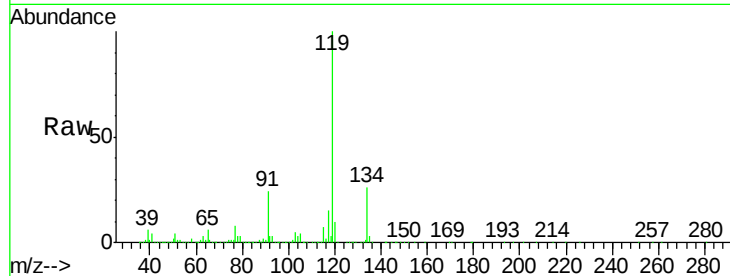
#79
tert-butylbenzene
Concen: 19.909 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Resp Lower	Upper
119	100		
91	23.0	0.0	45.0
134	26.9	0.0	55.4

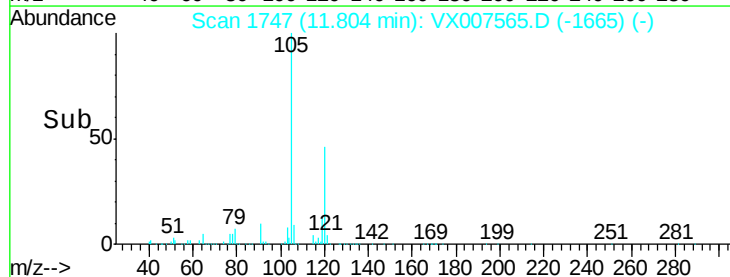
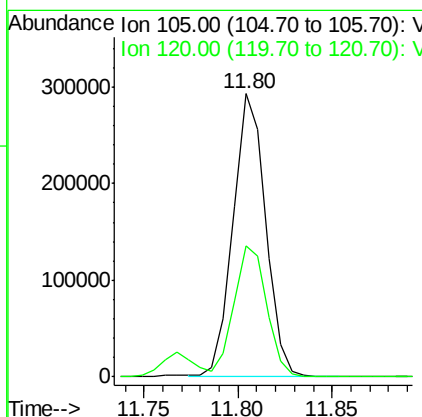
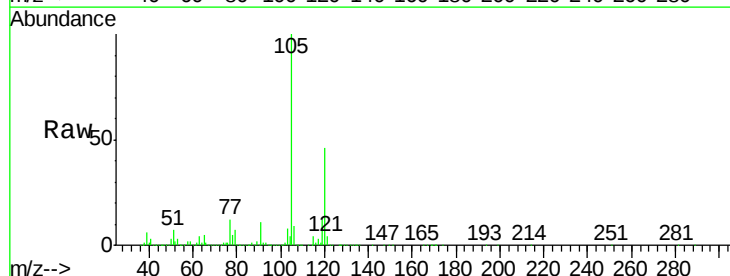
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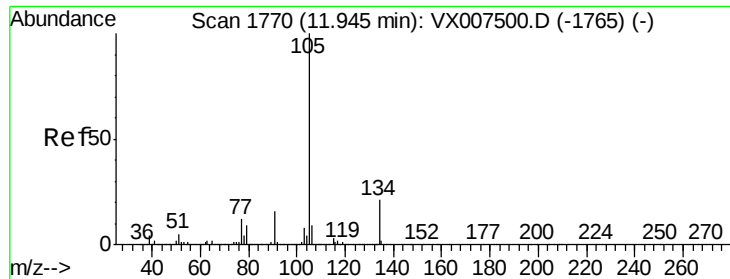
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#80
1,2,4-Trimethylbenzene
Concen: 20.025 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	46.0	0.0	94.0





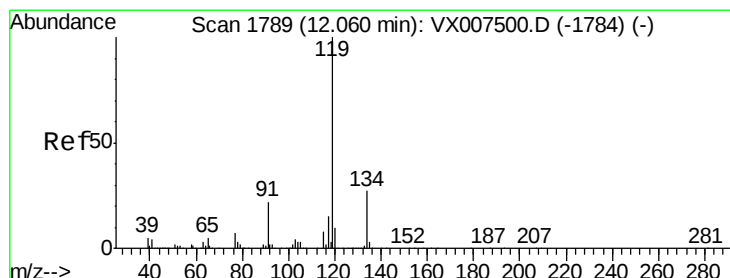
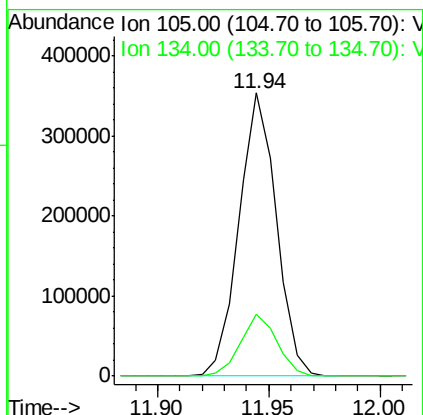
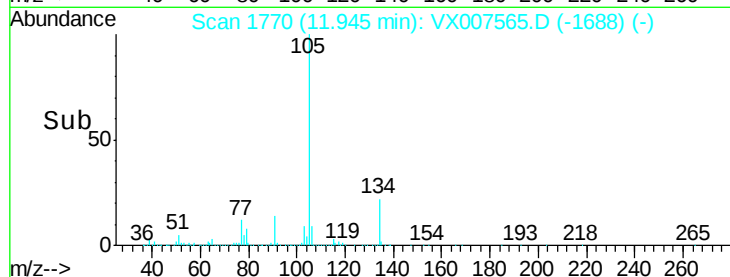
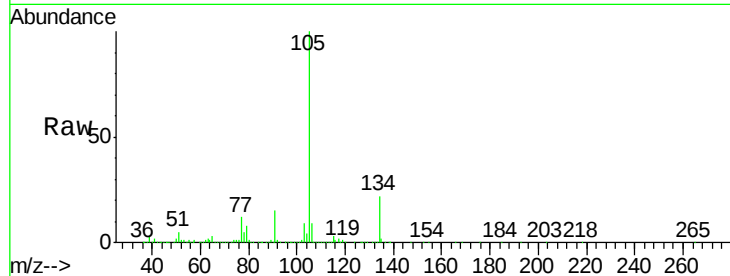
#81
 sec-Butylbenzene
 Concen: 19.961 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	0.0	41.8

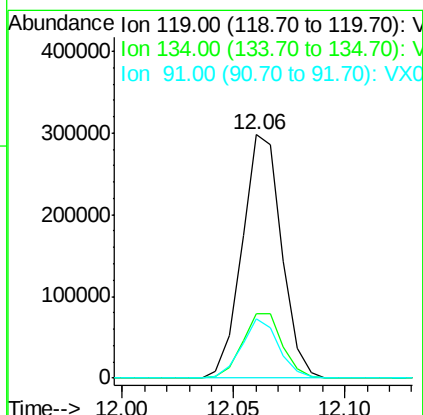
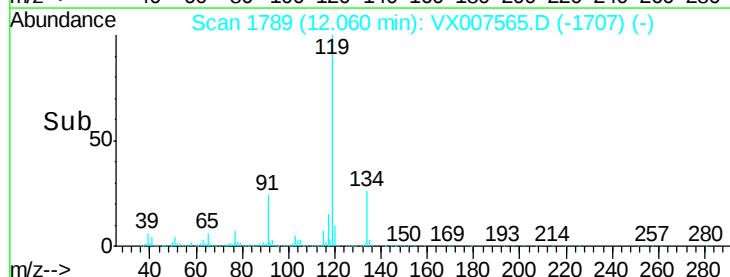
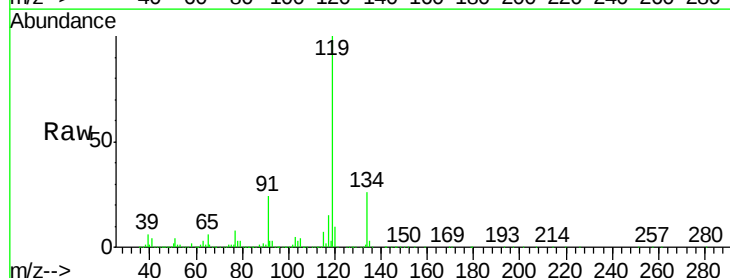
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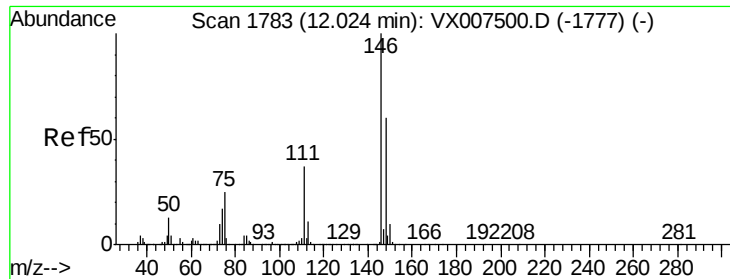
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#82
 p-Isopropyltoluene
 Concen: 19.909 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	55.4
91	23.0	0.0	45.0





#83

1,3-Dichlorobenzene

Concen: 19.431 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

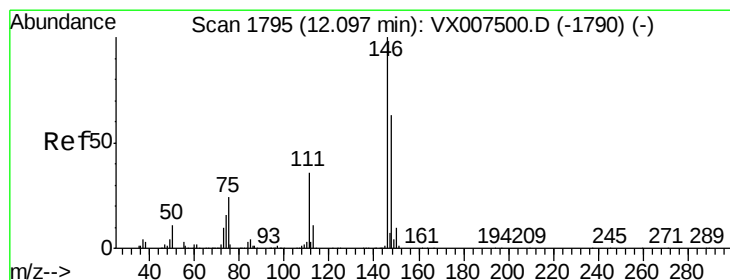
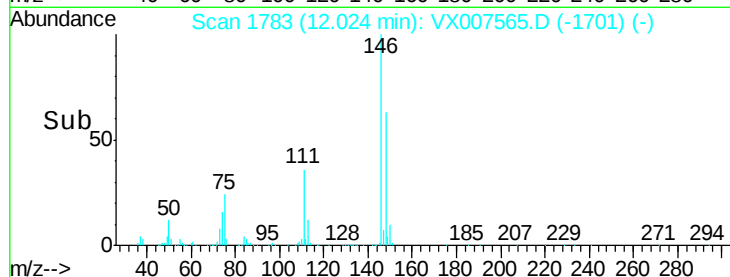
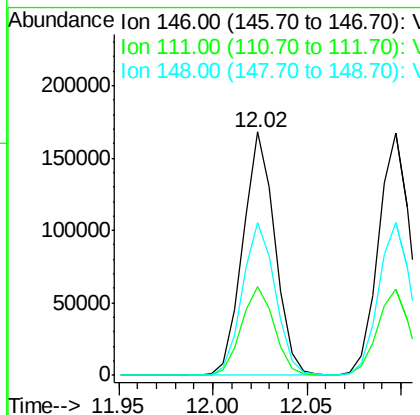
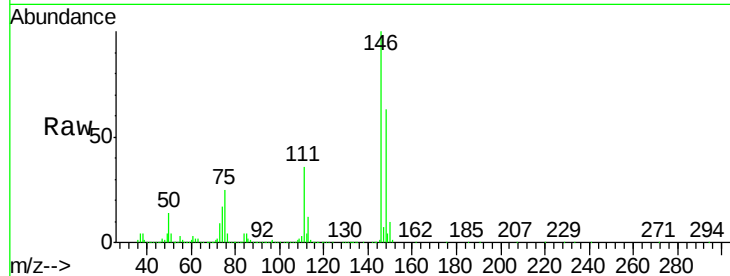
ClientSampleId :

VX0216WBS01

Tot Ion:	146	Resp:	198026
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.8	56.3
148	64.1	30.6	91.8

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 19.570 ug/l

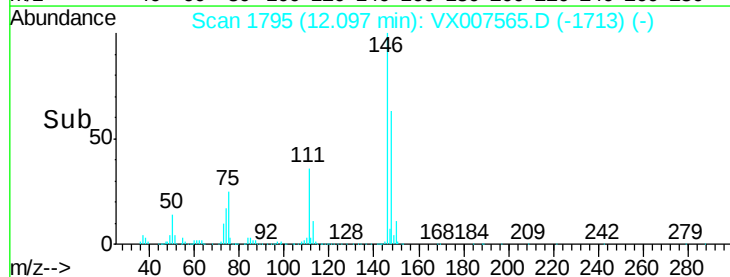
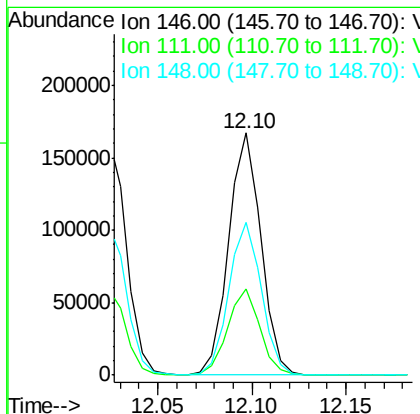
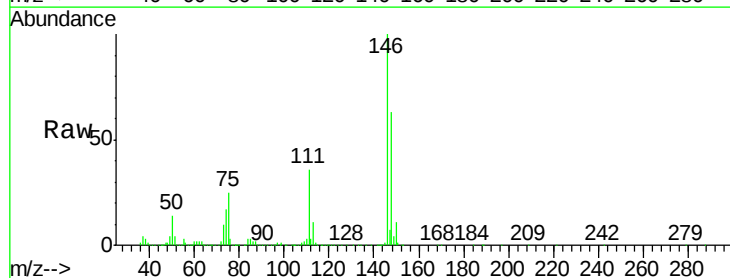
RT: 12.10 min Scan# 1795

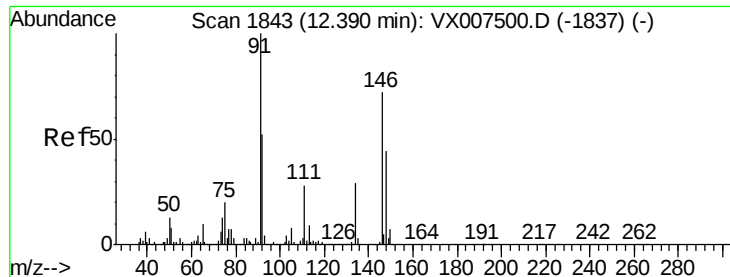
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	146	Resp:	199028
Ion Ratio	Lower	Upper	
146	100		
111	35.4	17.6	52.8
148	63.4	31.4	94.2





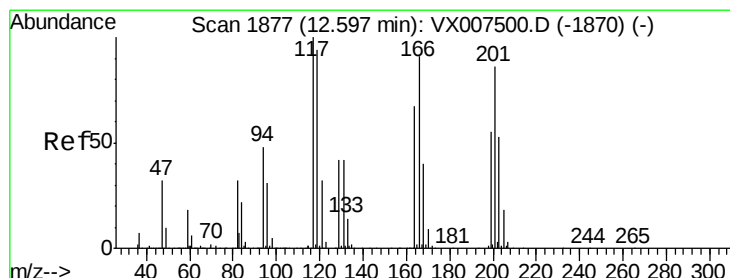
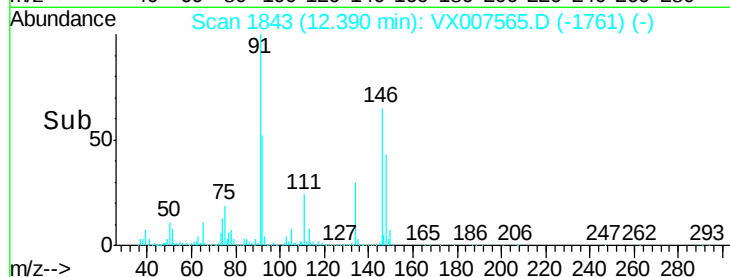
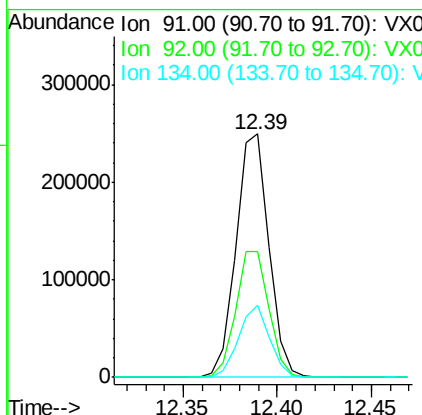
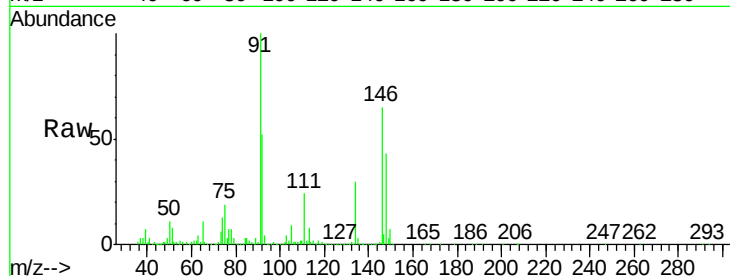
#85
n-Butylbenzene
Concen: 19.746 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0216WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	301579		
92	52.2		0.0	105.2
134	27.7		0.0	56.4

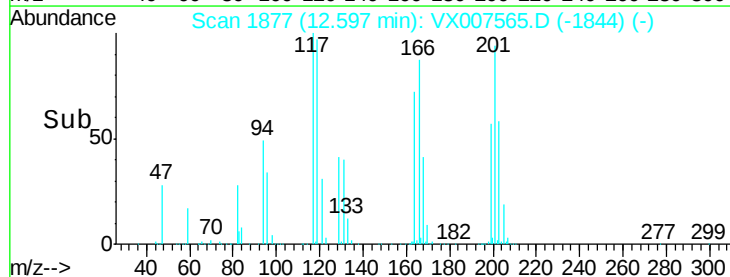
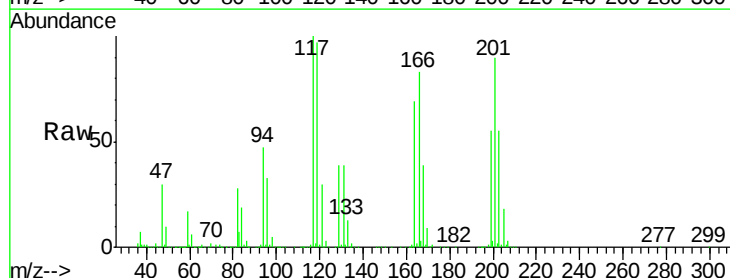
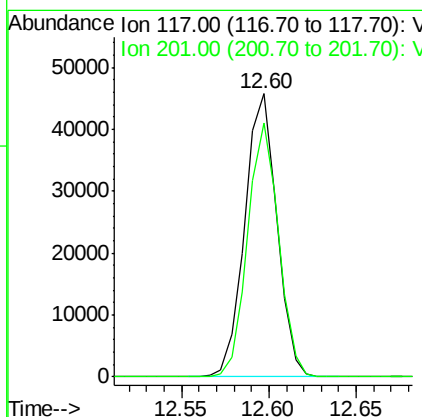
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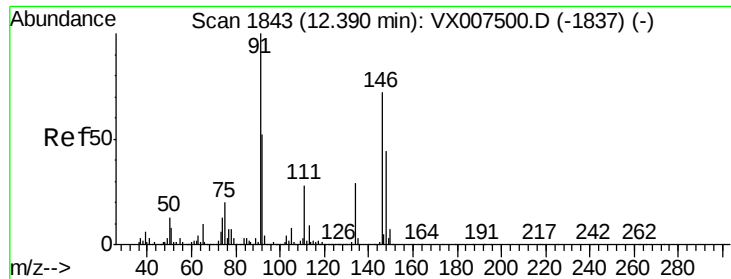
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#86
Hexachloroethane
Concen: 19.176 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007565.D
Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58595		
201	86.3		41.1	123.3





#87

1,2-Dichlorobenzene

Concen: 19.604 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

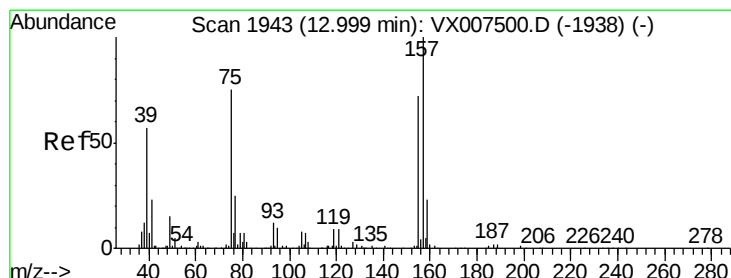
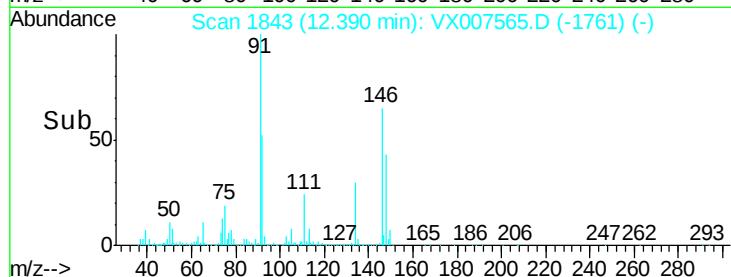
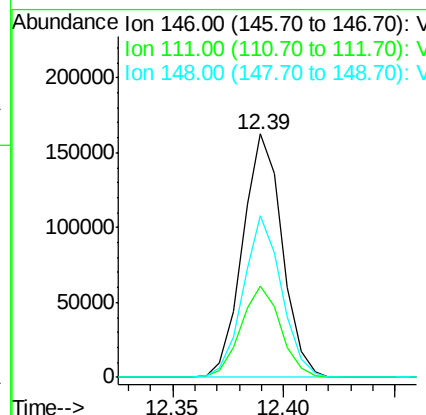
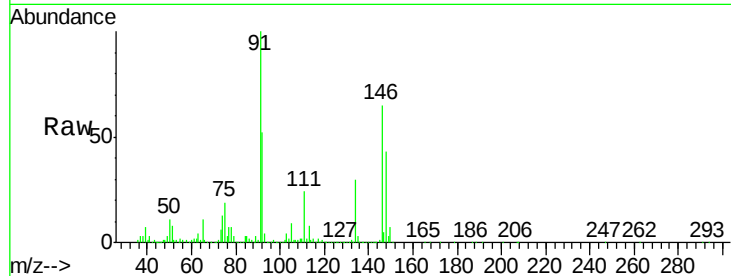
ClientSampleId :

VX0216WBS01

Tot Ion:	146	Resp:	200526
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.3	57.8
148	64.5	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.610 ug/l

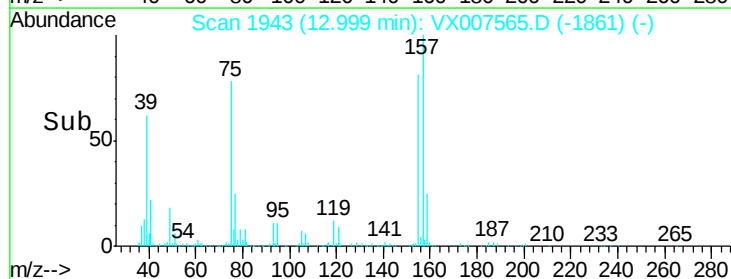
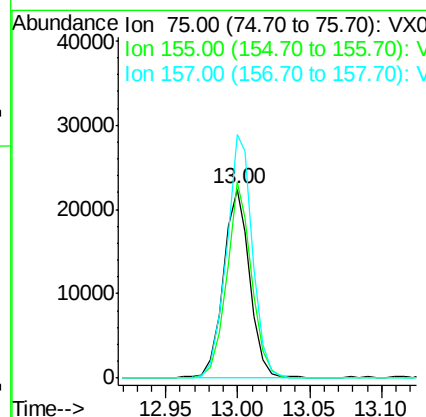
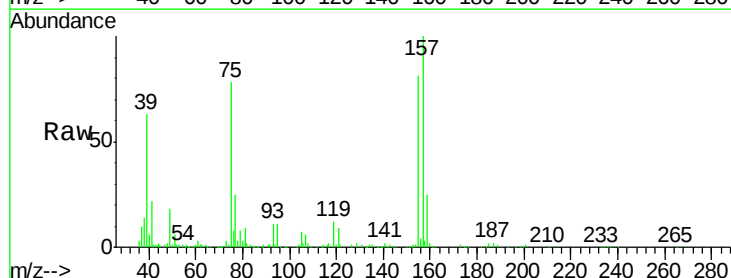
RT: 13.00 min Scan# 1943

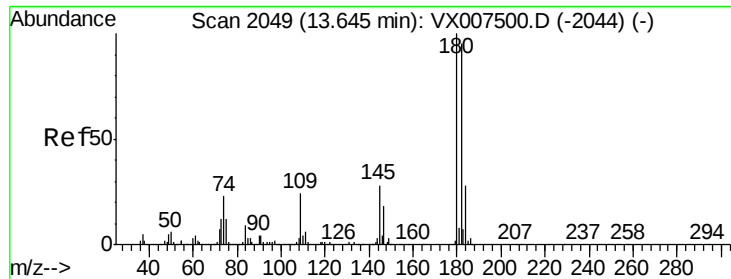
Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	75	Resp:	28725
Ion Ratio	Lower	Upper	
75	100		
155	98.4	81.0	121.6
157	127.5	103.2	154.8





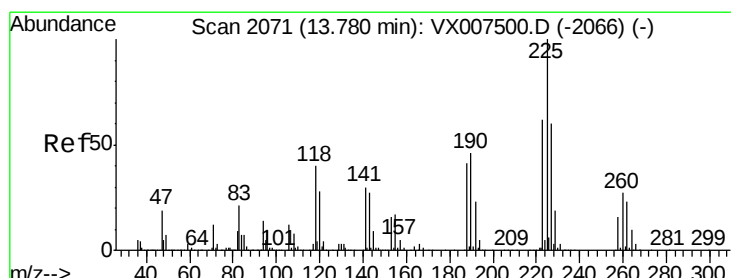
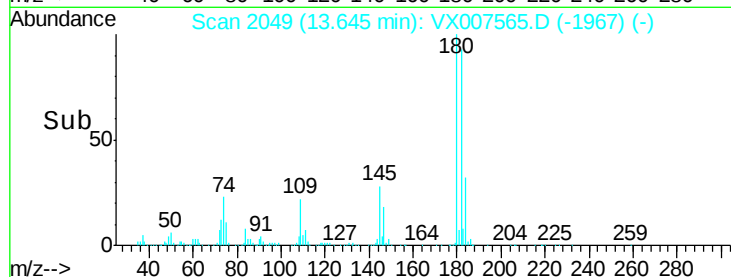
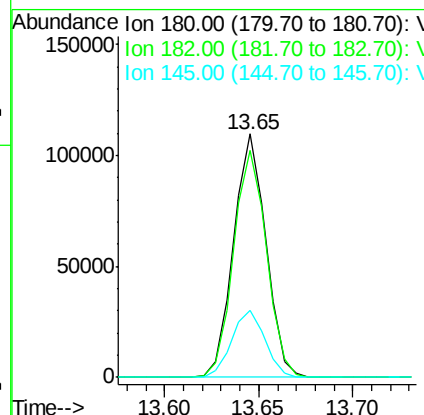
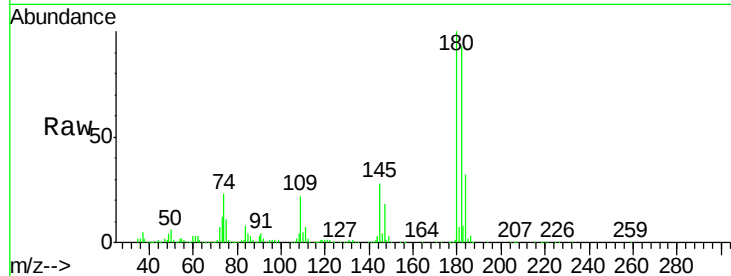
#89
 1,2,4-Trichlorobenzene
 Concen: 19.439 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130592		
182	94.5	75.6	113.4	
145	28.5	23.0	34.6	

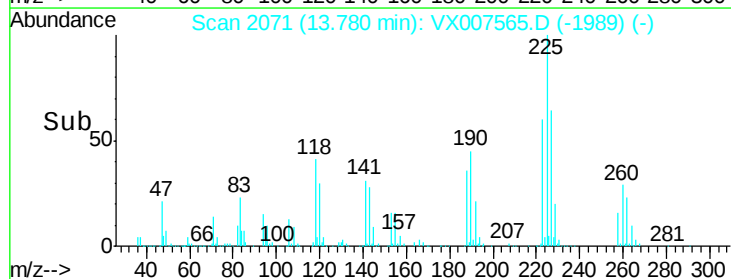
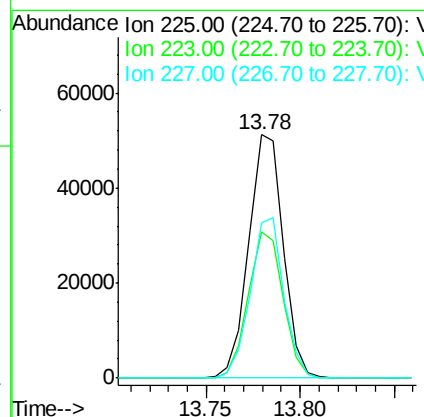
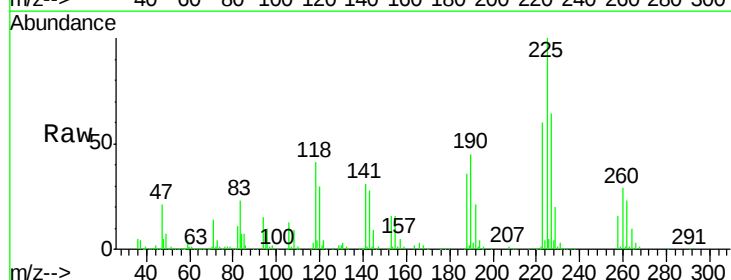
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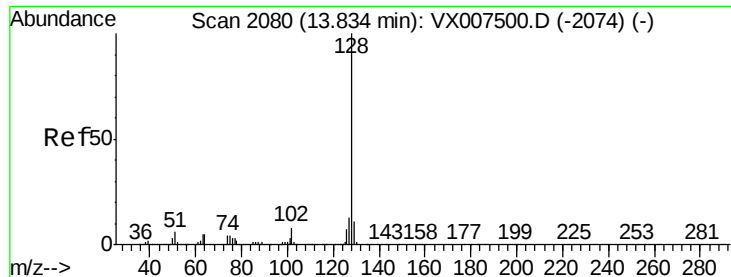
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#90
 Hexachlorobutadiene
 Concen: 20.820 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007565.D
 Acq: 15 Feb 2019 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65352		
223	60.4	0.0	123.8	
227	63.7	0.0	124.4	





#91

Naphthalene

Concen: 19.332 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Instrument :

MSVOA_X

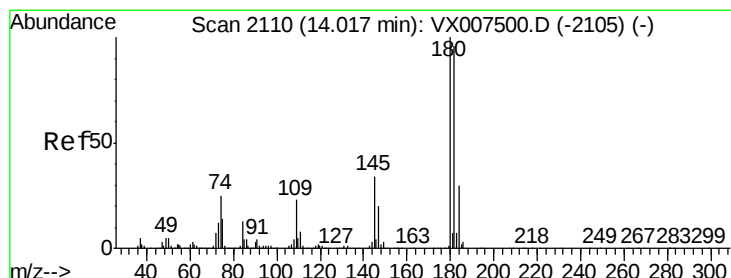
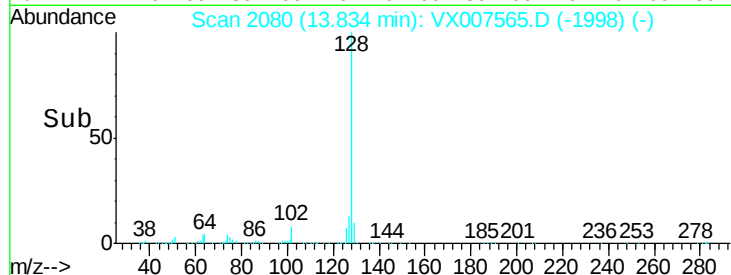
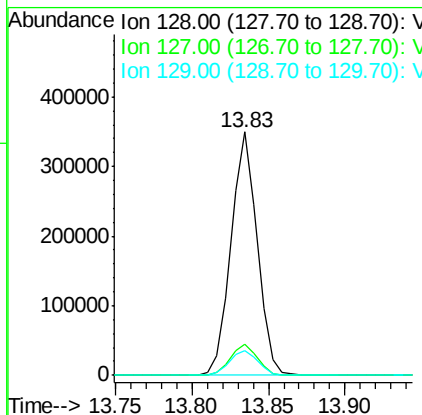
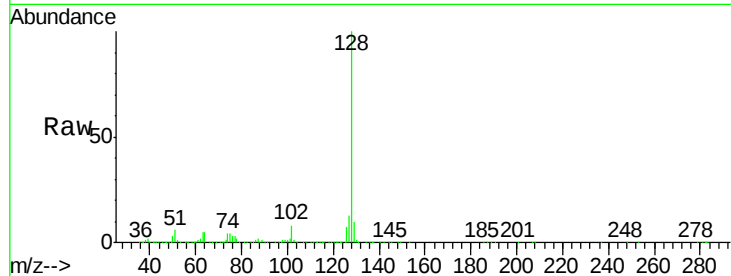
ClientSampleId :

VX0216WBS01

Tot Ion:	128	Resp:	414195
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 19.481 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007565.D

Acq: 15 Feb 2019 13:58

Tgt Ion:	180	Resp:	133043
Ion Ratio	Lower	Upper	
180	100		
182	95.8	0.0	193.0
145	30.6	0.0	63.0

