

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007624.D
 Acq On : 21 Feb 2019 12:16
 Operator : JC/SP
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:40:23 AM

Quant Time: Feb 22 05:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	438105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	660211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239731	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.50	113	218529	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	770873	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	267659	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	83176	15.573	ug/l	97
3) Chloromethane	1.33	50	74599	15.117	ug/l	100
4) Vinyl Chloride	1.41	62	83279	17.203	ug/l	100
5) Bromomethane	1.64	94	77545	15.865	ug/l	99
6) Chloroethane	1.72	64	52602	16.797	ug/l	96
7) Trichlorofluoromethane	1.93	101	136539	18.030	ug/l	99
8) Diethyl Ether	2.19	74	51696	18.137	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77851	17.282	ug/l	98
10) Methyl Iodide	2.51	142	98709	14.896	ug/l	97
11) Tert butyl alcohol	3.07	59	96734	100.519	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68657	16.413	ug/l	94
13) Acrolein	2.29	56	34449	76.338	ug/l	97
14) Allyl chloride	2.73	41	121870	17.881	ug/l	97
15) Acrylonitrile	3.15	53	223367	93.826	ug/l	100
16) Acetone	2.45	43	217172	101.954	ug/l	95
17) Carbon Disulfide	2.57	76	157813	15.937	ug/l	99
18) Methyl Acetate	2.78	43	125820	22.994	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	245584	18.122	ug/l	98
20) Methylene Chloride	2.86	84	80009	18.138	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	72154	16.193	ug/l	92
22) Diisopropyl ether	3.87	45	244639	19.513	ug/l	97
23) Vinyl Acetate	3.82	43	1013045	97.375	ug/l	100
24) 1,1-Dichloroethane	3.70	63	137496	19.097	ug/l	98
25) 2-Butanone	4.70	43	323450	106.700	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107222	19.555	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	91073	18.712	ug/l	98
28) Bromochloromethane	5.02	49	66373	20.047	ug/l	96
29) Tetrahydrofuran	5.15	42	200356	105.089	ug/l	99
30) Chloroform	5.21	83	150308	20.007	ug/l	98
31) Cyclohexane	5.57	56	109084	16.870	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124530	19.637	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98752	16.671	ug/l	99
37) Ethyl Acetate	4.85	43	115176	19.234	ug/l	97
38) Carbon Tetrachloride	5.79	117	107489	18.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117063	16.334	ug/l	97
40) Benzene	6.15	78	317570	18.200	ug/l	98
41) Methacrylonitrile	5.06	41	63579	19.811	ug/l	98
42) 1,2-Dichloroethane	6.20	62	109670	18.165	ug/l	97
43) Isopropyl Acetate	6.46	43	179404	19.410	ug/l	99
44) Trichloroethene	7.21	130	90802	17.278	ug/l	99
45) 1,2-Dichloropropane	7.52	63	83074	19.001	ug/l	98
46) Dibromomethane	7.66	93	58936	18.547	ug/l	97
47) Bromodichloromethane	7.90	83	104124	19.335	ug/l	95
48) Methyl methacrylate	7.77	41	91338	19.757	ug/l	100
49) 1,4-Dioxane	7.75	88	42983	412.886	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	606841	99.735	ug/l	99
52) Toluene	8.78	92	199364	17.708	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	108717	18.794	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	120679	18.971	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89129	18.992	ug/l	94
56) Ethyl methacrylate	9.18	69	119395	18.369	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139644	18.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	336512	98.227	ug/l	99
59) 2-Hexanone	9.49	43	467942	98.831	ug/l	99
60) Dibromochloromethane	9.58	129	90311	20.348	ug/l	100
61) 1,2-Dibromoethane	9.67	107	92828	18.678	ug/l	100
64) Tetrachloroethene	9.34	164	91906	16.652	ug/l	97
65) Chlorobenzene	10.14	112	227558	17.808	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	84726	19.777	ug/l	99
67) Ethyl Benzene	10.25	91	364500	17.713	ug/l	98
68) m/p-Xylenes	10.36	106	286598	35.037	ug/l	99
69) o-Xylene	10.70	106	139077	17.669	ug/l	97
70) Styrene	10.71	104	229104	17.948	ug/l	99
71) Bromoform	10.86	173	63730	19.623	ug/l #	97
73) Isopropylbenzene	11.02	105	376014	18.927	ug/l	99
74) N-amyl acetate	10.90	43	153536	19.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128287	21.188	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119781m	21.064	ug/l	
77) Bromobenzene	11.26	156	103644	18.516	ug/l	99
78) n-propylbenzene	11.36	91	412126	18.918	ug/l	100
79) 2-Chlorotoluene	11.42	91	247999	18.761	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304604	18.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33163	20.730	ug/l	96
82) 4-Chlorotoluene	11.51	91	281585	18.410	ug/l	99
83) tert-Butylbenzene	11.77	119	316612	19.675	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	315237	19.104	ug/l	98
85) sec-Butylbenzene	11.94	105	371692	19.084	ug/l	99
86) p-Isopropyltoluene	12.06	119	327592	18.633	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181537	18.071	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181301	17.789	ug/l	99
89) n-Butylbenzene	12.39	91	270921	17.913	ug/l	100
90) Hexachloroethane	12.60	117	53766	20.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	183303	18.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25834	20.521	ug/l	97

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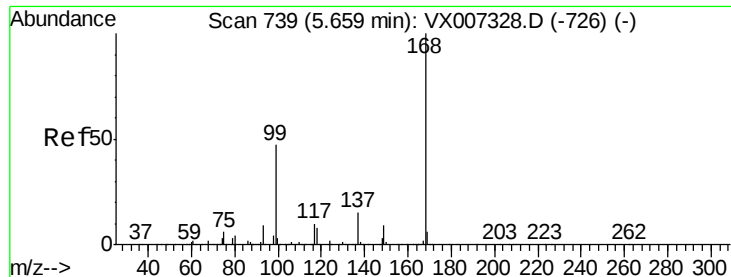
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119065	17.660	ug/l	99
94) Hexachlorobutadiene	13.78	225	58997	18.021	ug/l	99
95) Naphthalene	13.83	128	370466	18.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123804	18.242	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion:168 Resp: 438105

Ion Ratio Lower Upper

168 100

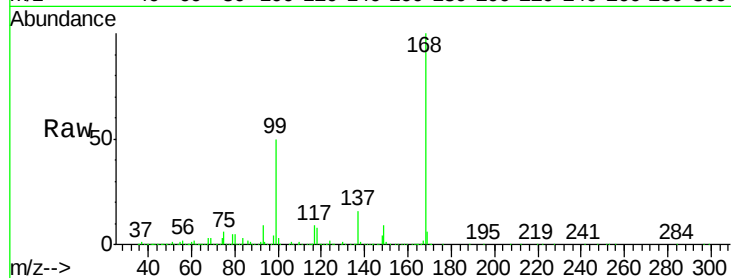
99 49.7 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

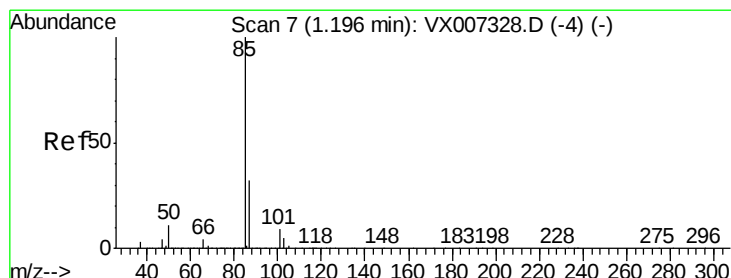
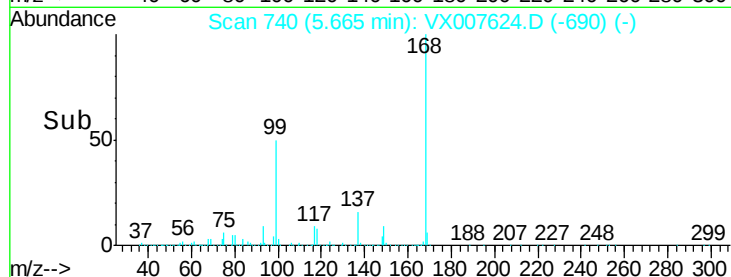
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.573 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007624.D

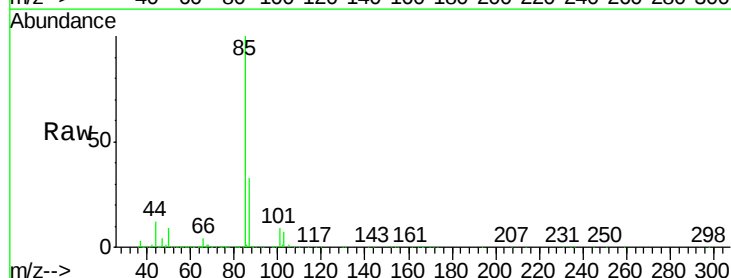
Acq: 21 Feb 2019 12:16

Tgt Ion: 85 Resp: 83176

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

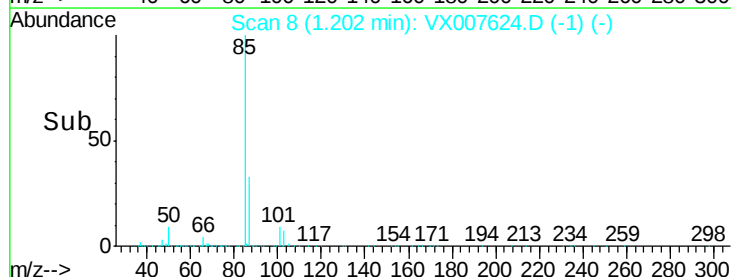
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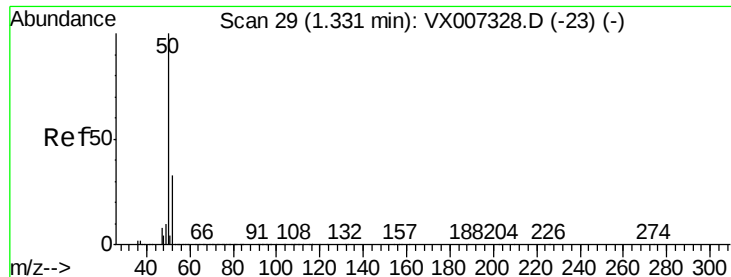
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 15.117 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 50 Resp: 74599

Ion Ratio Lower Upper

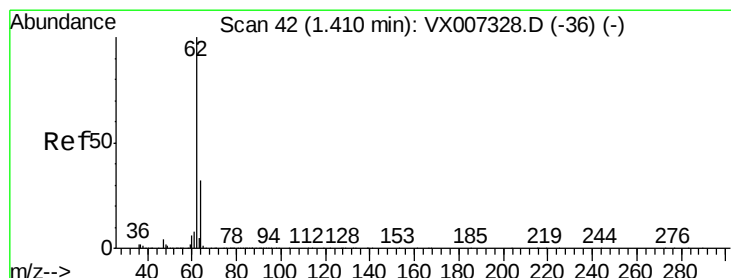
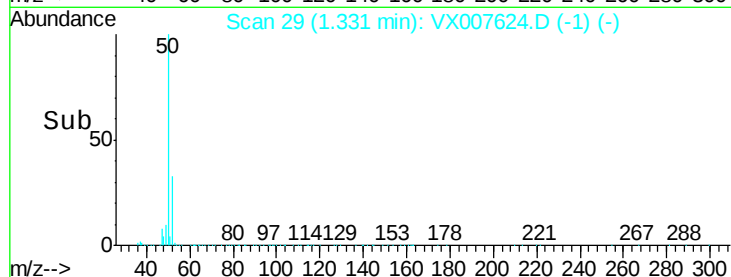
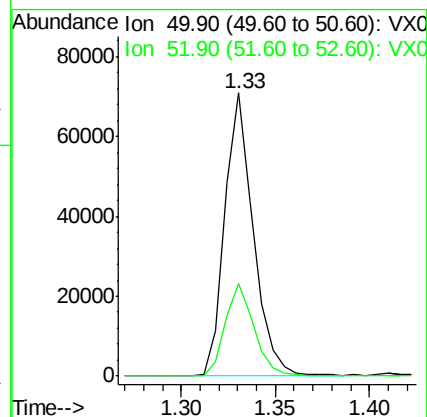
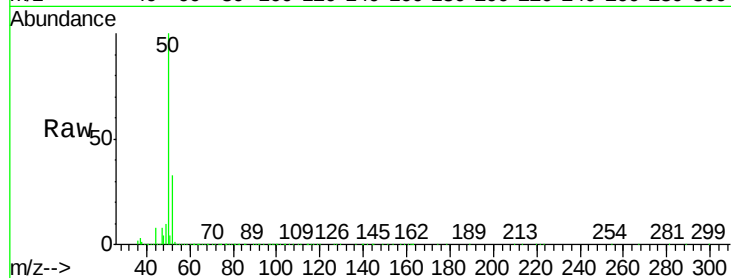
50 100

52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 17.203 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007624.D

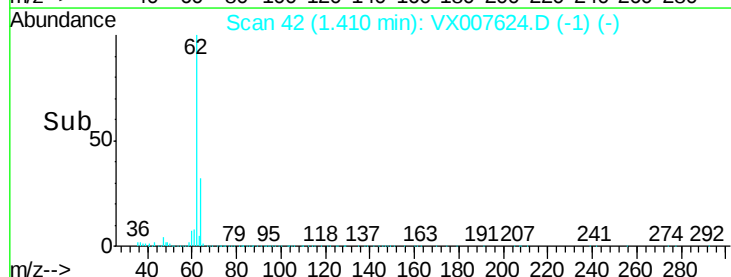
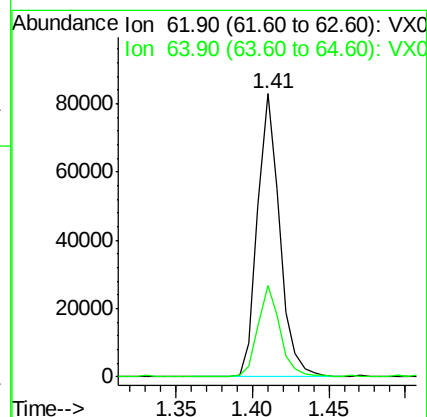
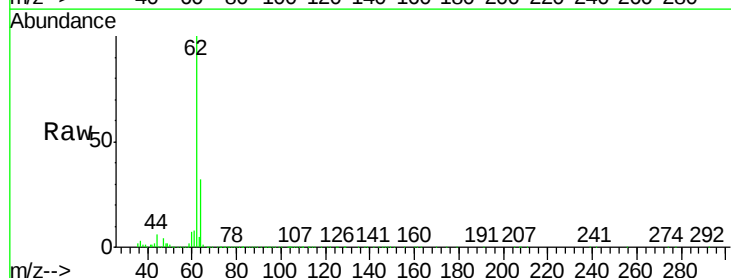
Acq: 21 Feb 2019 12:16

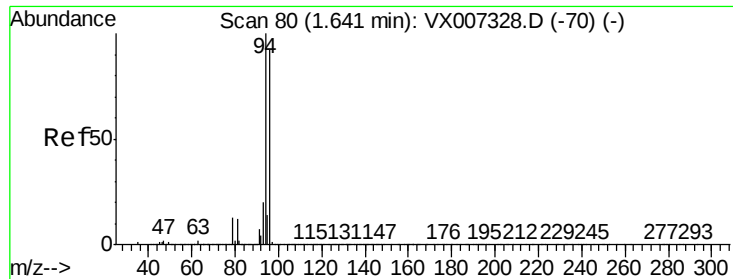
Tgt Ion: 62 Resp: 83279

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 15.865 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 94 Resp: 77545

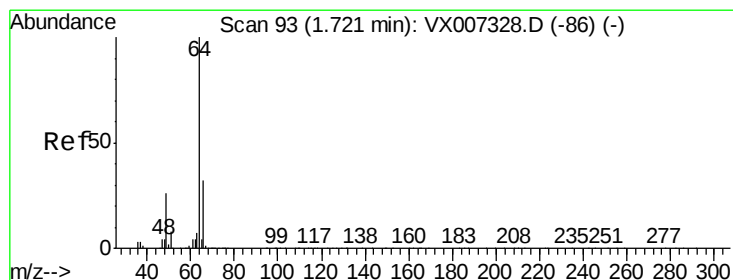
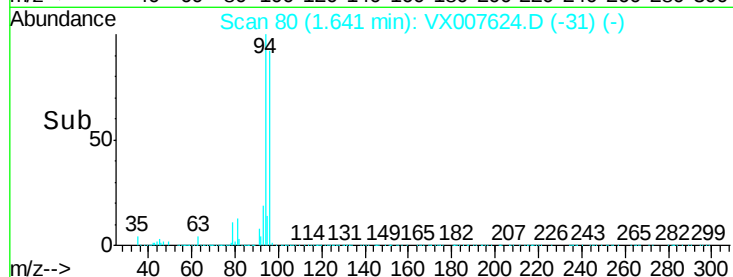
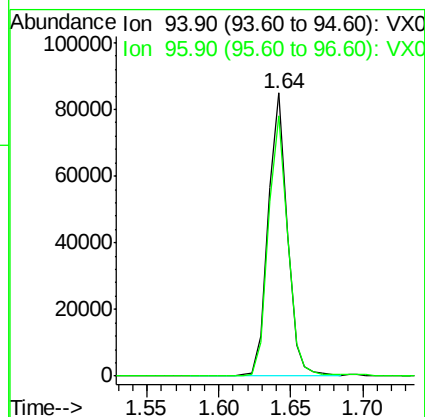
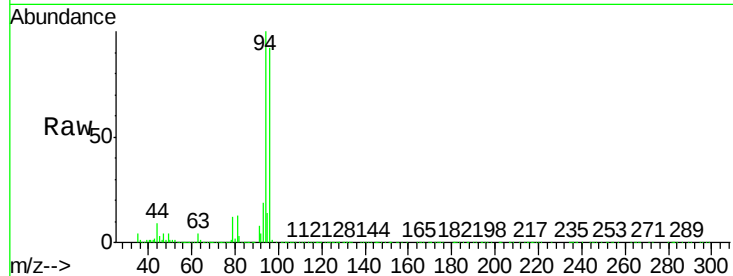
Ion Ratio Lower Upper

94 100

96 91.8 73.9 110.9

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#6

Chloroethane

Concen: 16.797 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007624.D

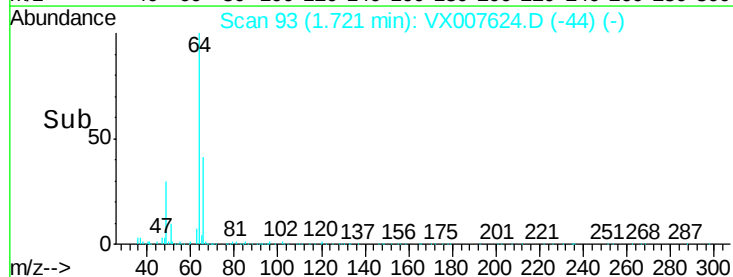
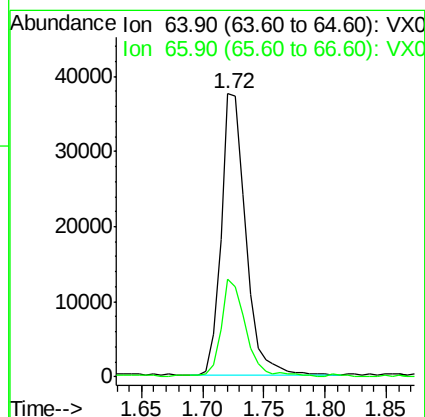
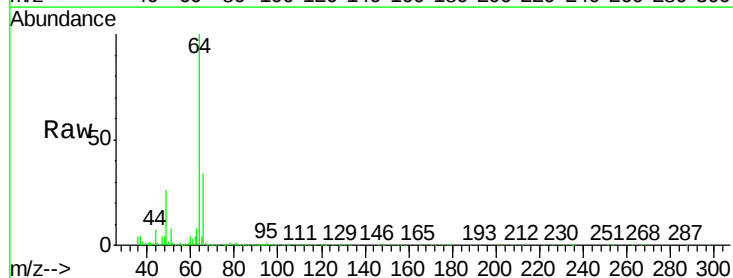
Acq: 21 Feb 2019 12:16

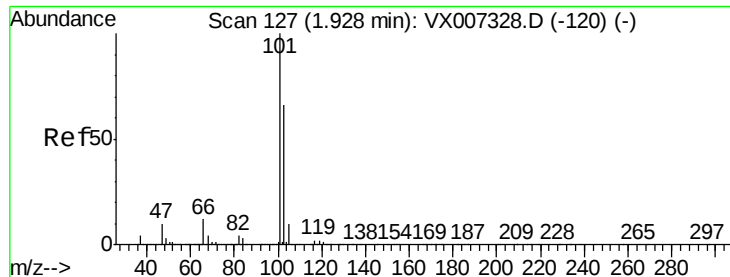
Tgt Ion: 64 Resp: 52602

Ion Ratio Lower Upper

64 100

66 33.9 25.5 38.3





#7

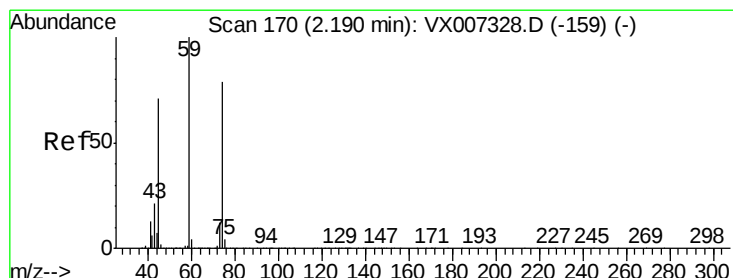
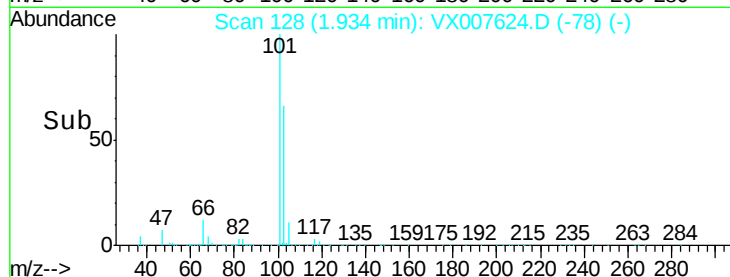
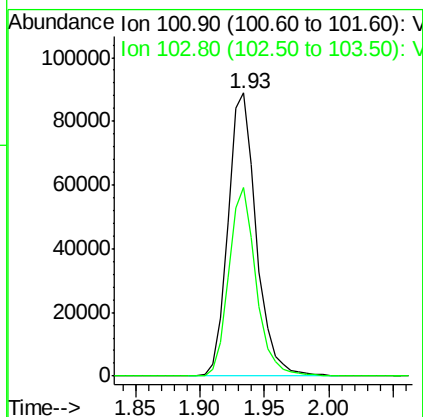
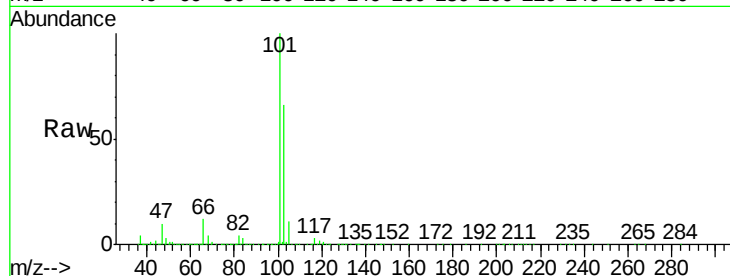
Trichlorofluoromethane
Concen: 18.030 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

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ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.6	79.0

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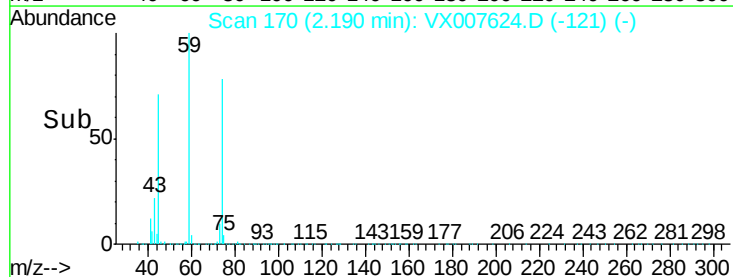
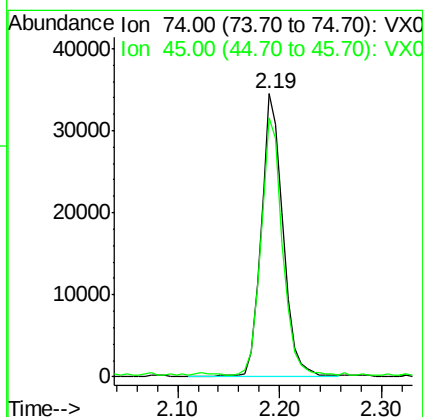
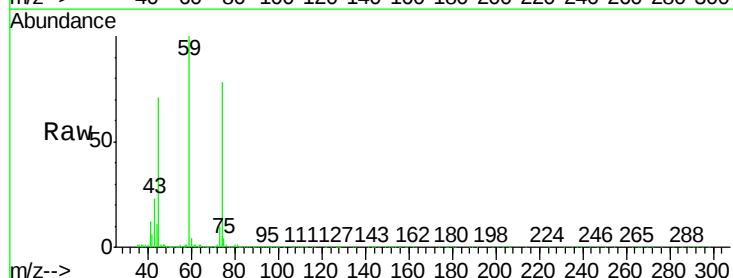
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2/22/2019 10:40:23 AM

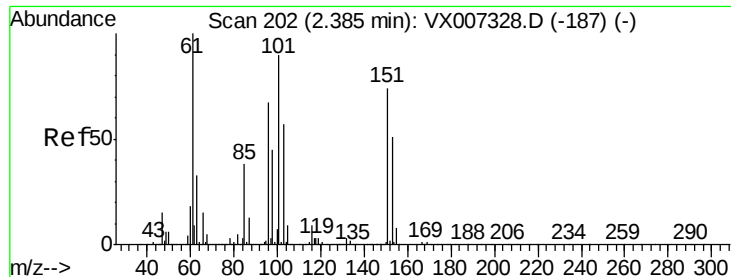


#8

Diethyl Ether
Concen: 18.137 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.282 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

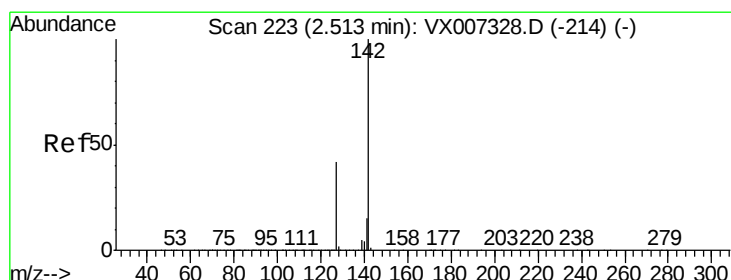
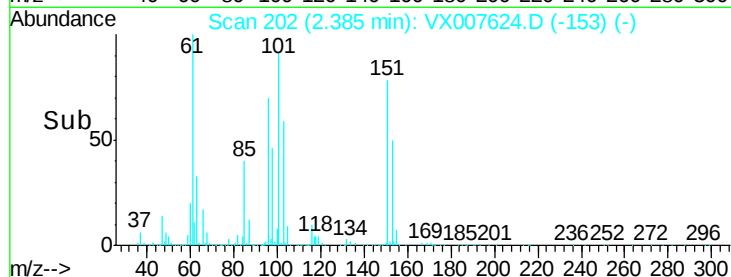
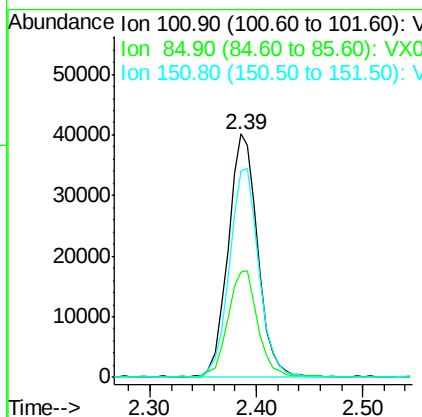
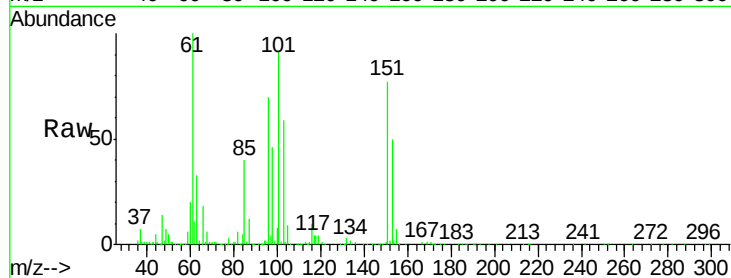
ClientSampleId :

VX0221WBS01

Tot Ion:	101	Resp:	77851
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.1	51.1
151	86.2	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 14.896 ug/l

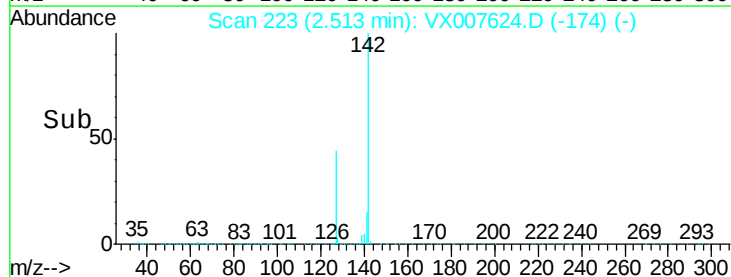
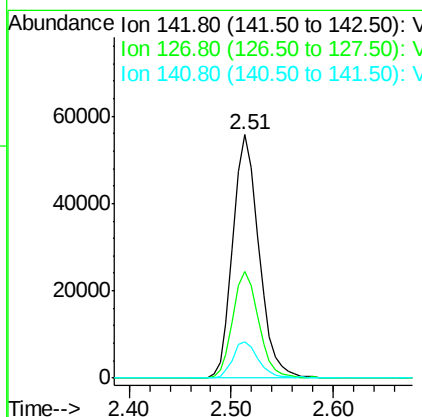
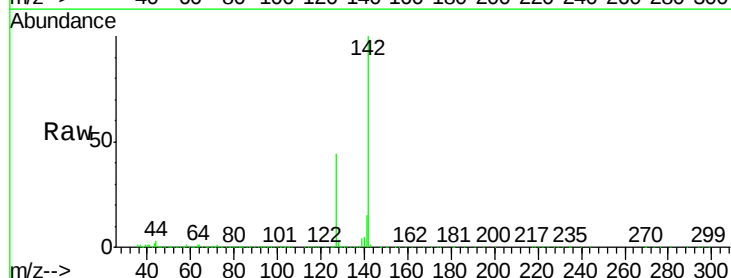
RT: 2.51 min Scan# 223

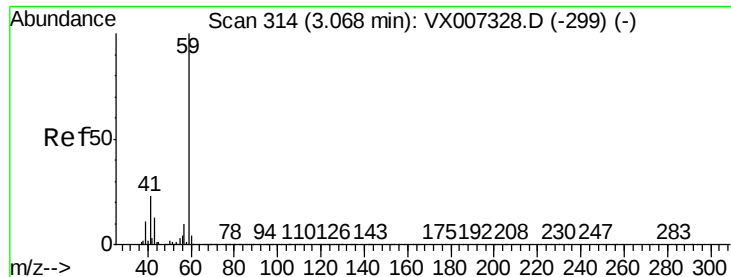
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	142	Resp:	98709
Ion Ratio	Lower	Upper	
142	100		
127	43.6	33.7	50.5
141	15.2	11.3	16.9





#11

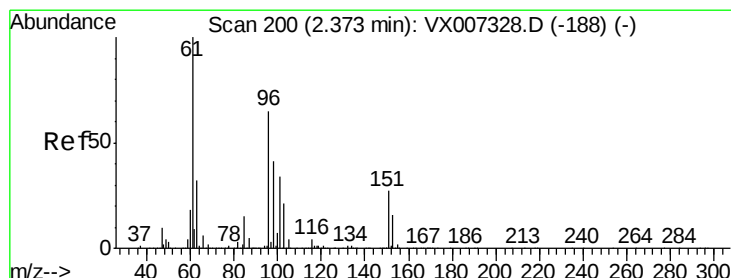
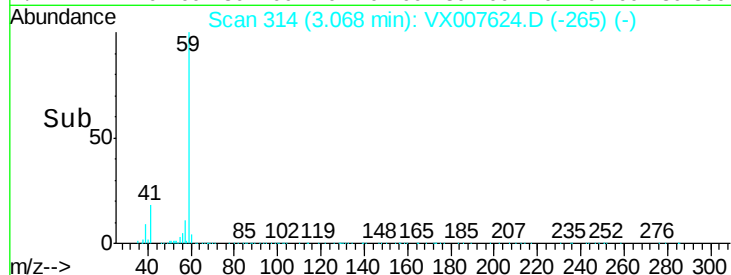
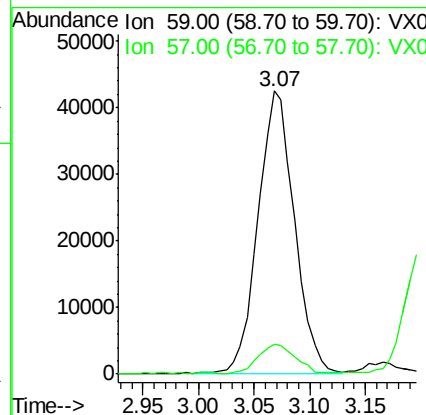
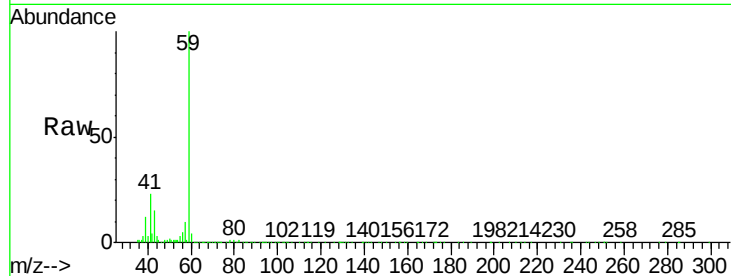
Tert butyl alcohol
Concen: 100.519 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

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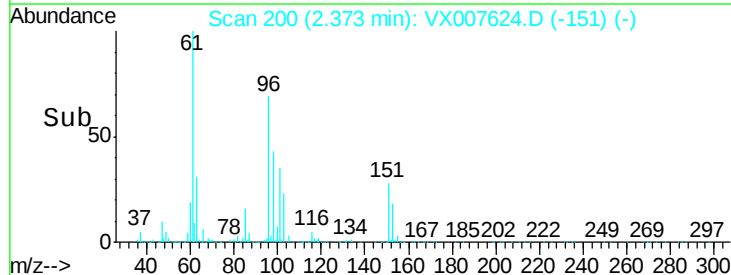
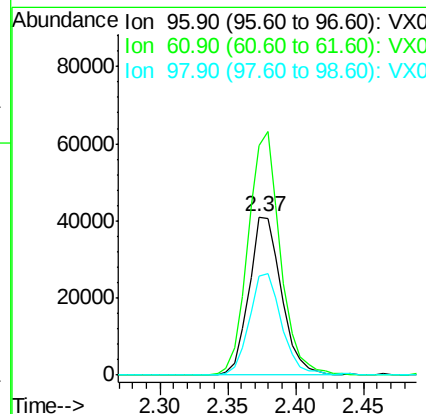
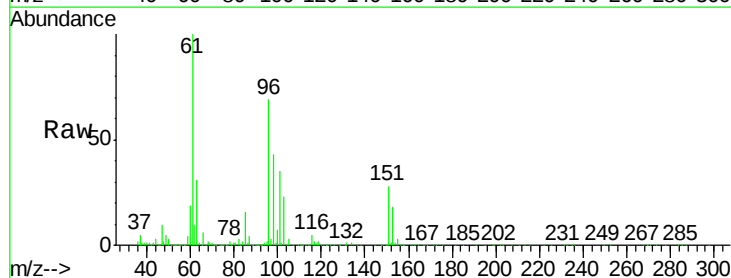
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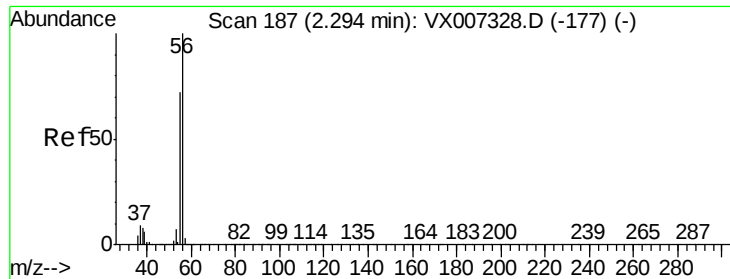


#12

1,1-Dichloroethene
Concen: 16.413 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.3	123.0	184.4
98	62.2	50.9	76.3





#13

Acrolein

Concen: 76.338 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 56 Resp: 34449

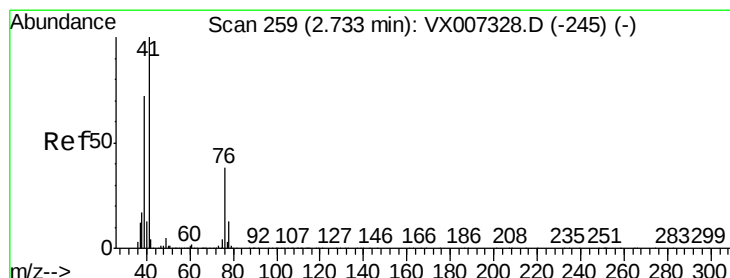
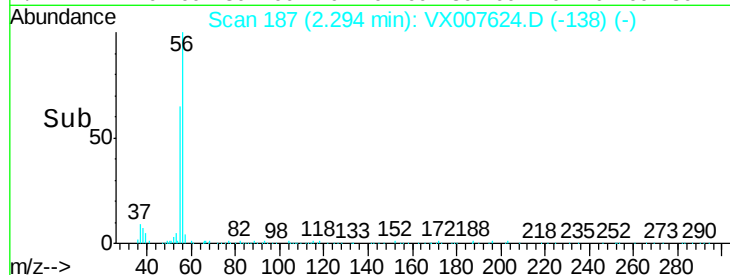
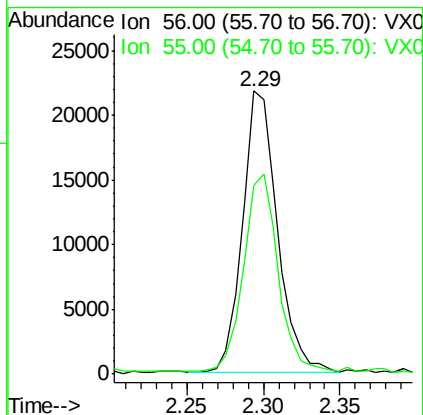
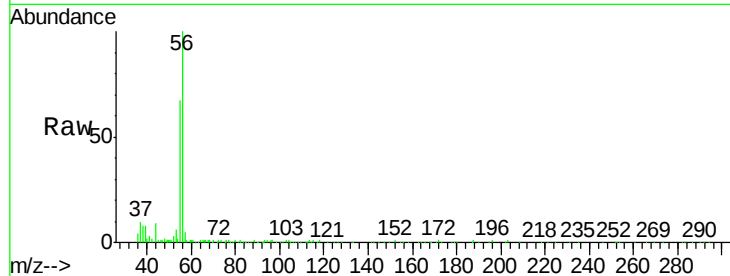
Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3

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#14

Allyl chloride

Concen: 17.881 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

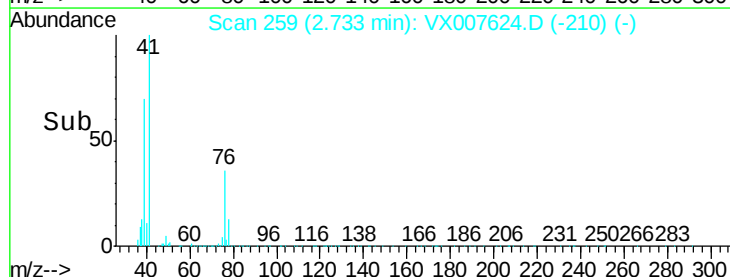
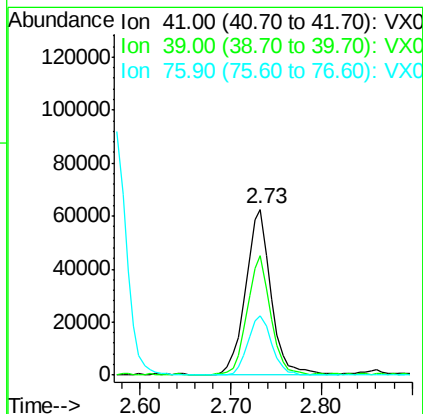
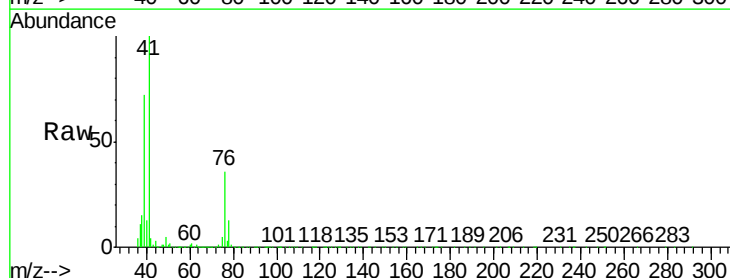
Tgt Ion: 41 Resp: 121870

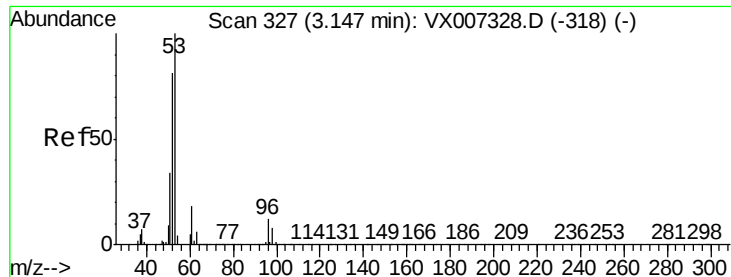
Ion Ratio Lower Upper

41 100

39 64.8 54.1 81.1

76 34.0 27.8 41.8





#15

Acrylonitrile

Concen: 93.826 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

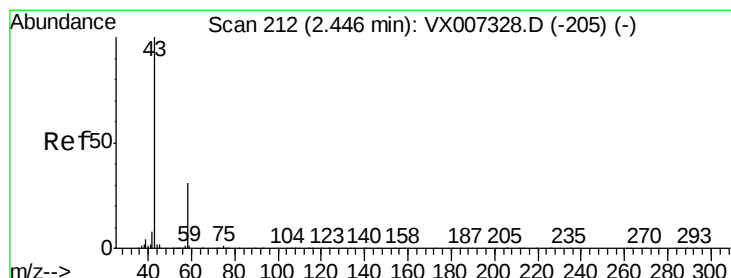
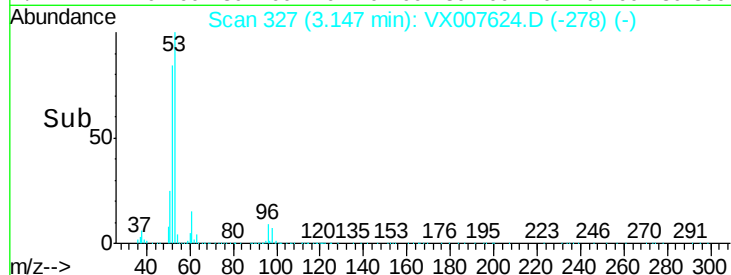
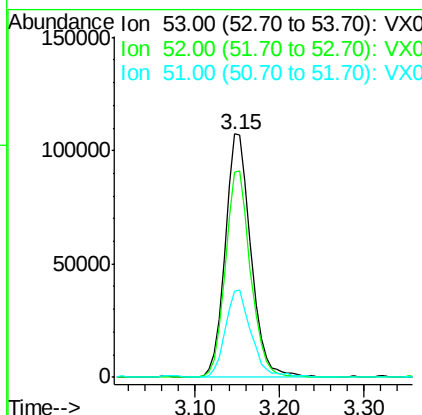
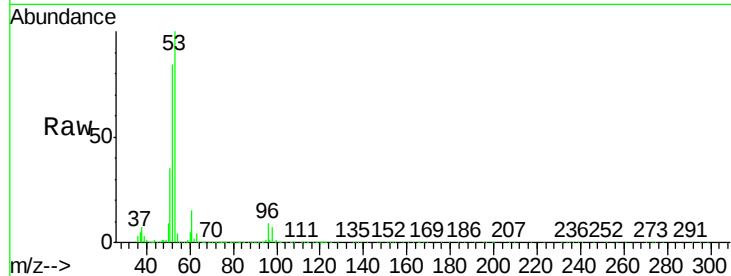
ClientSampleId :

VX0221WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		223367		
52	82.8	66.4	99.6		
51	35.8	28.4	42.6		

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#16

Acetone

Concen: 101.954 ug/l

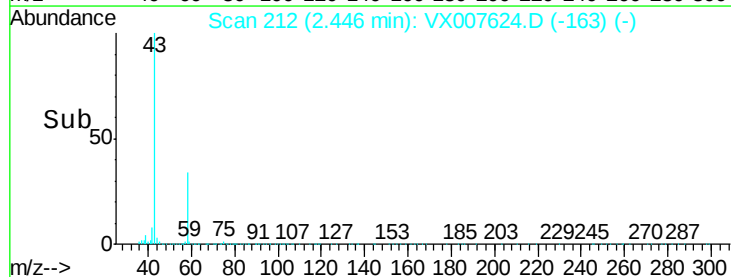
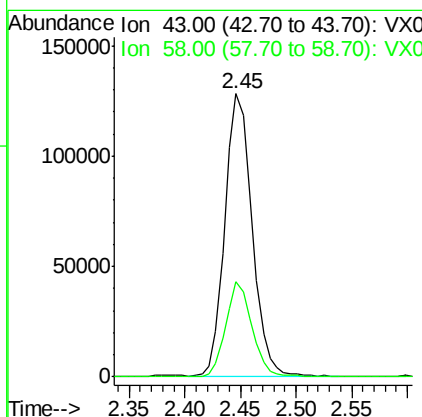
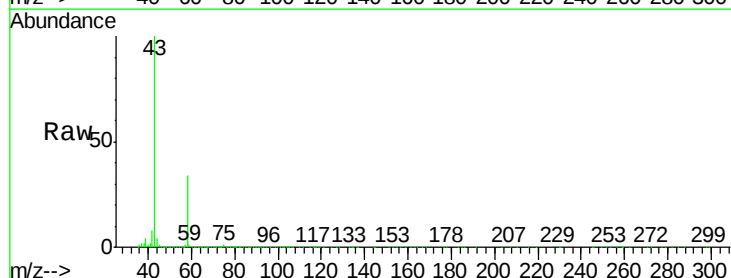
RT: 2.45 min Scan# 212

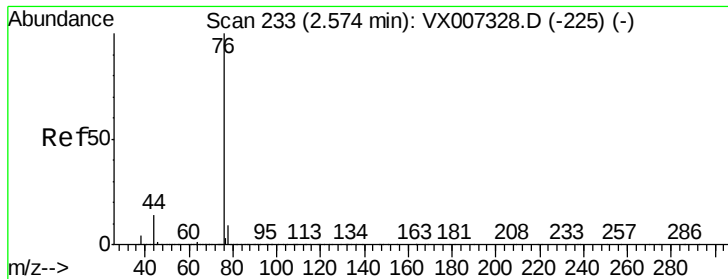
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		217172		
58	33.7	24.9	37.3		





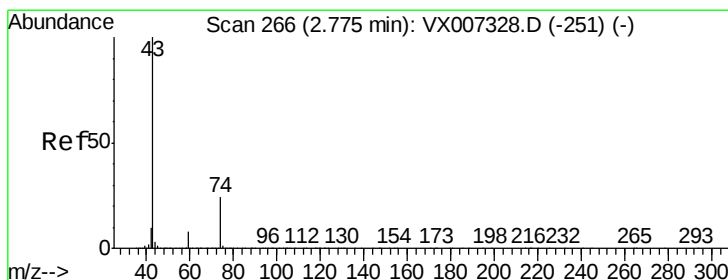
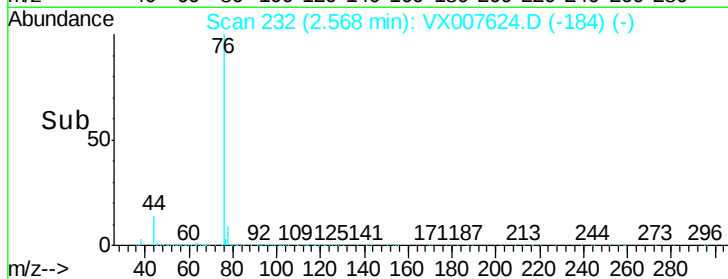
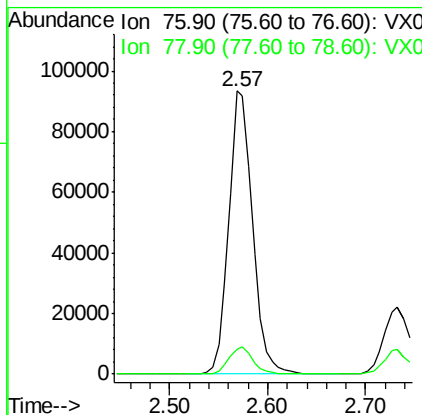
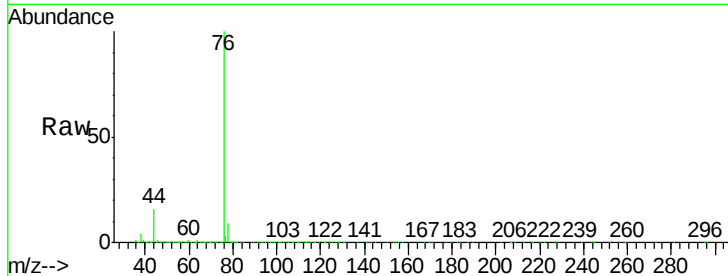
#17
Carbon Disulfide
Concen: 15.937 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

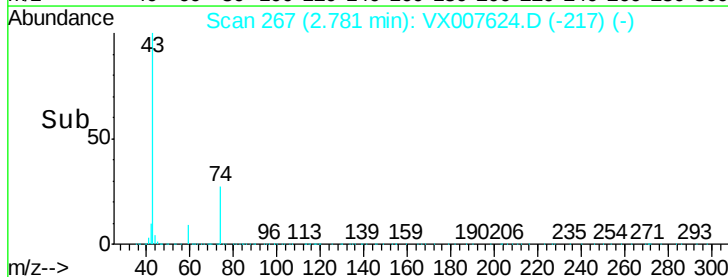
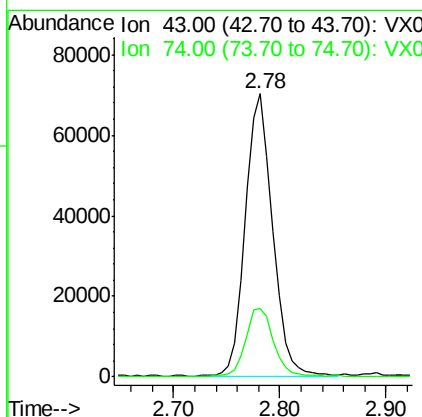
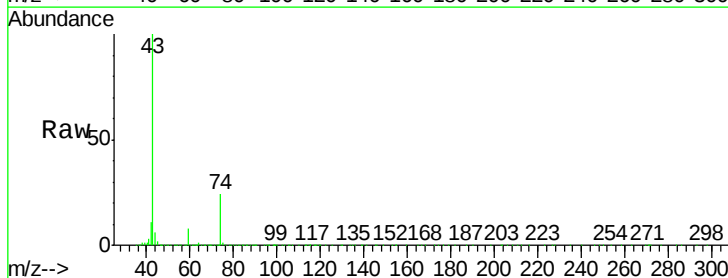
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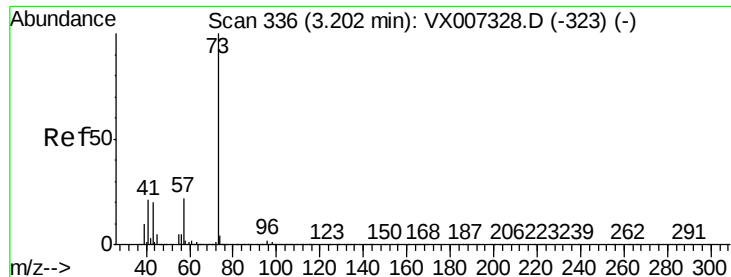
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#18
Methyl Acetate
Concen: 22.994 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.4	29.2





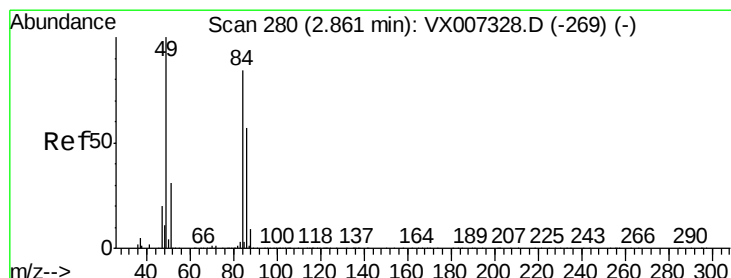
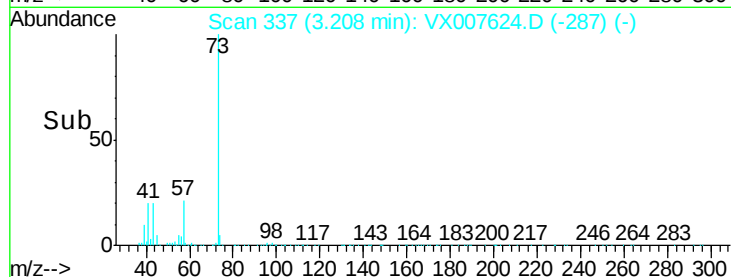
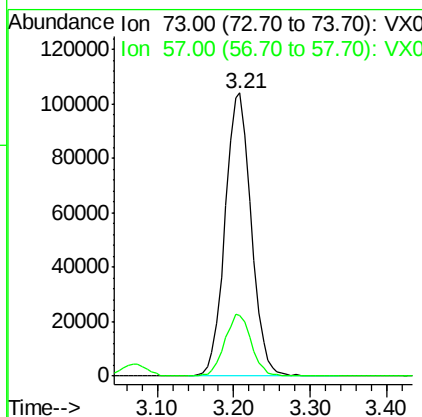
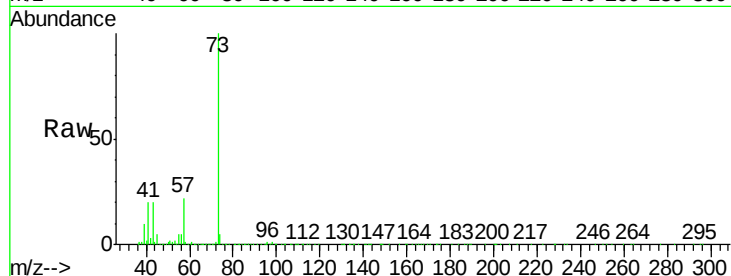
#19
Methyl tert-butyl Ether
Concen: 18.122 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

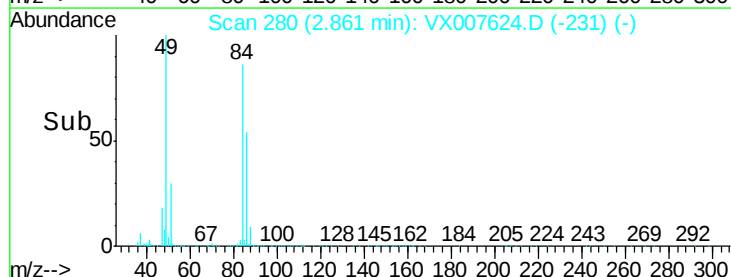
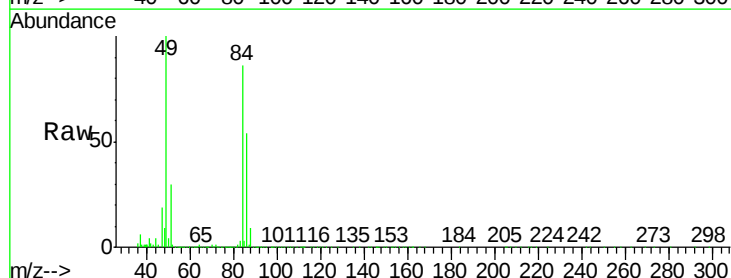
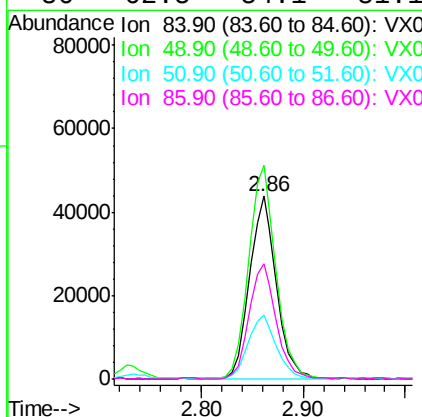
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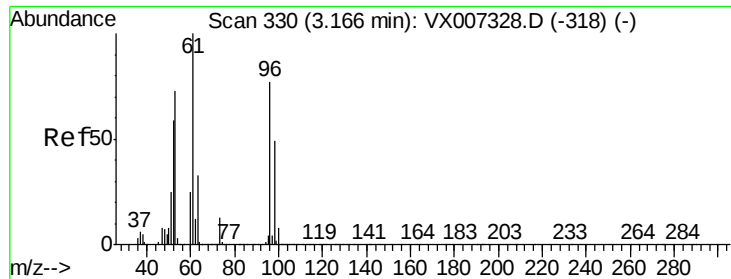
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#20
Methylene Chloride
Concen: 18.138 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.5	94.8	142.2
51	34.8	29.8	44.8
86	62.5	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 16.193 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

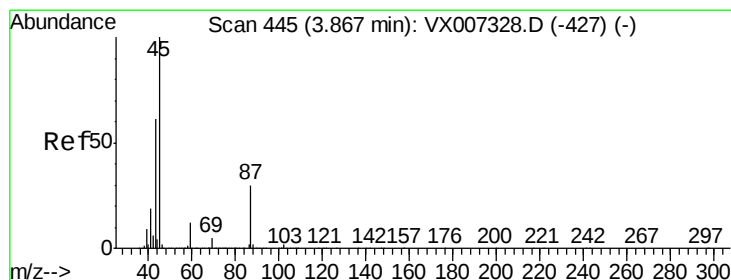
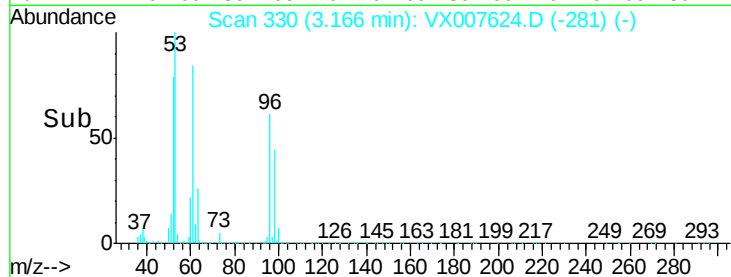
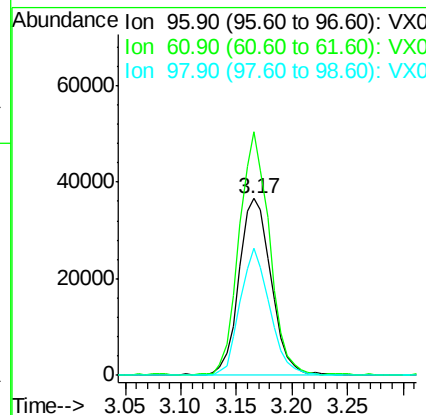
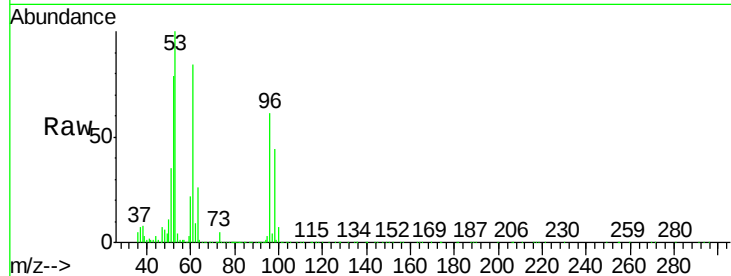
ClientSampleId :

VX0221WBS01

Tot Ion:	96	Resp:	72154
Ion	Ratio	Lower	Upper
96	100		
61	138.0	104.6	156.8
98	72.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.513 ug/l

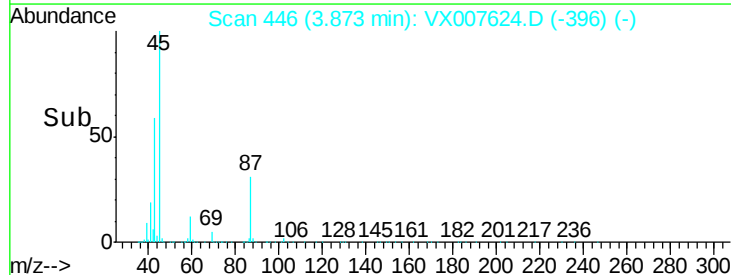
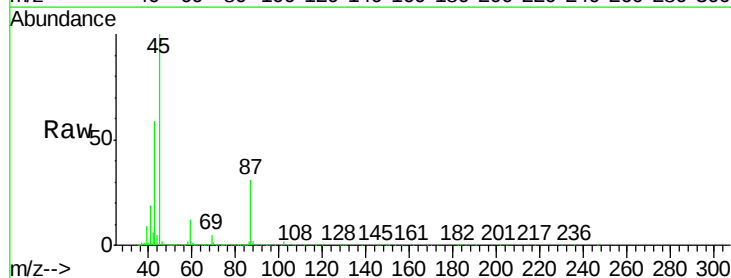
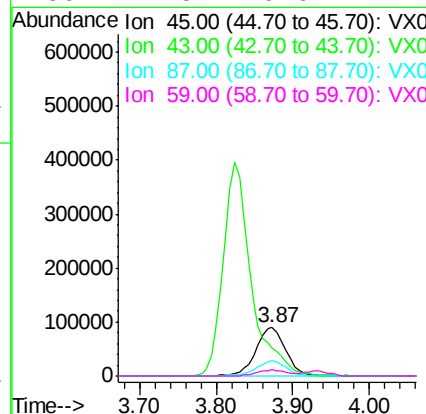
RT: 3.87 min Scan# 446

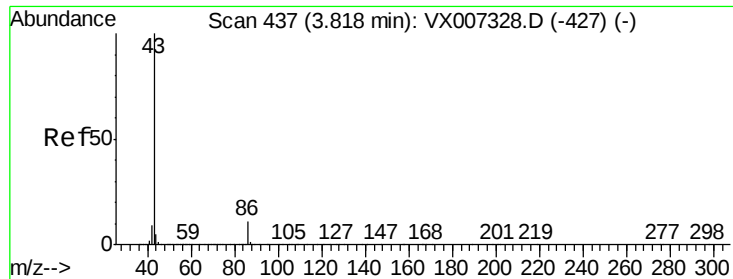
Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	45	Resp:	244639
Ion	Ratio	Lower	Upper
45	100		
43	58.2	48.9	73.3
87	31.1	23.9	35.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 97.375 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampled :

VX0221WBS01

Tot Ion: 43 Resp: 1013045

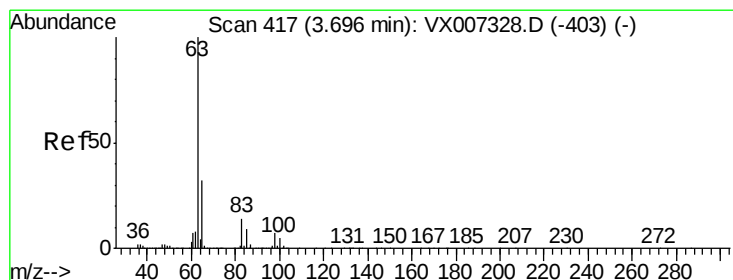
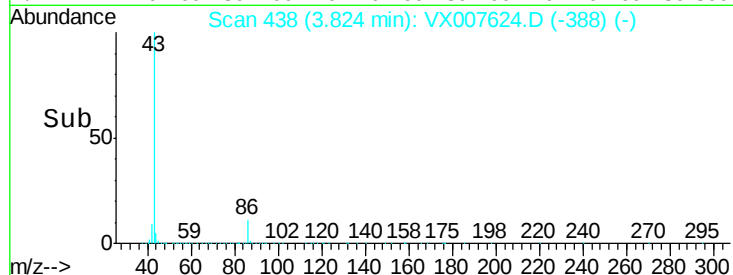
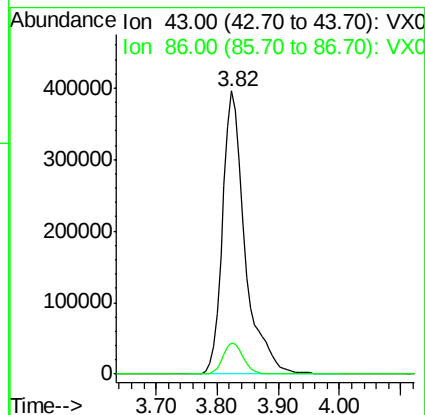
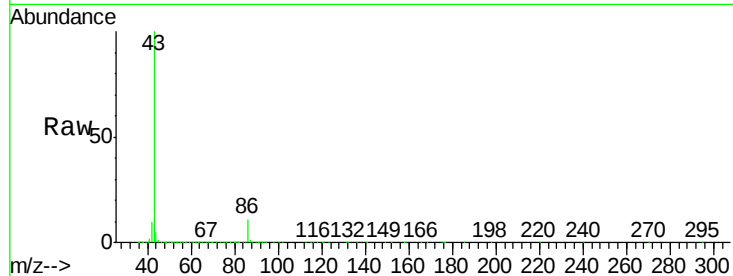
Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.097 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

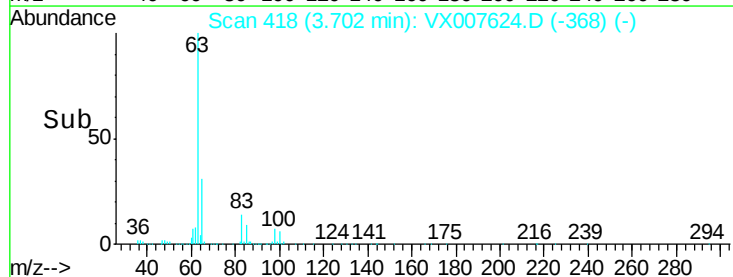
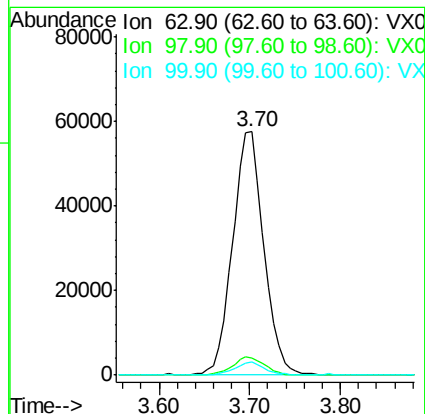
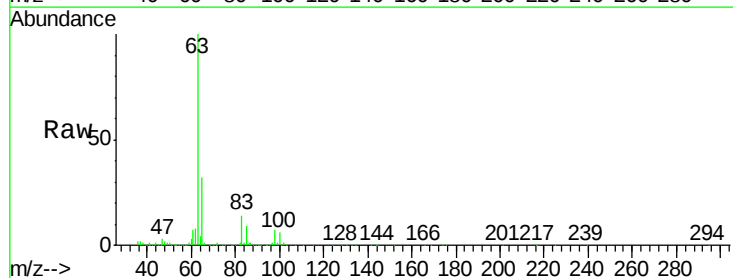
Tgt Ion: 63 Resp: 137496

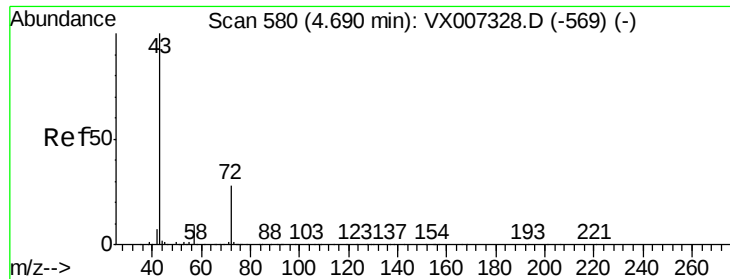
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 5.6 2.5 7.4





#25

2-Butanone

Concen: 106.700 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 43 Resp: 323450

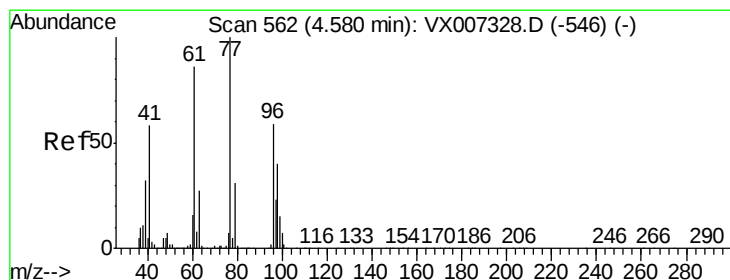
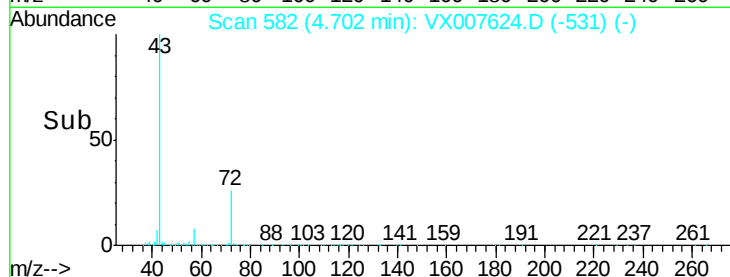
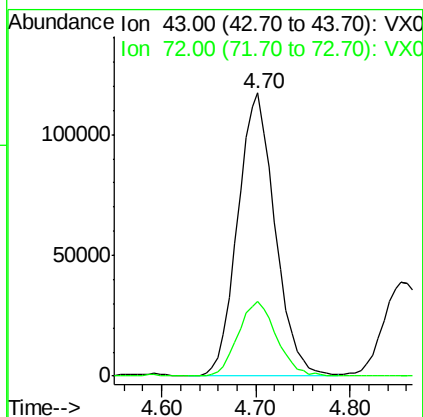
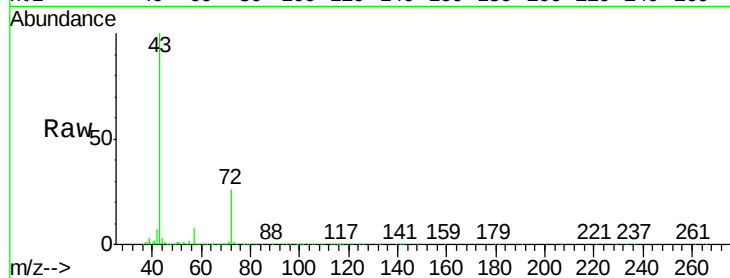
Ion Ratio Lower Upper

43 100

72 26.4 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.555 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007624.D

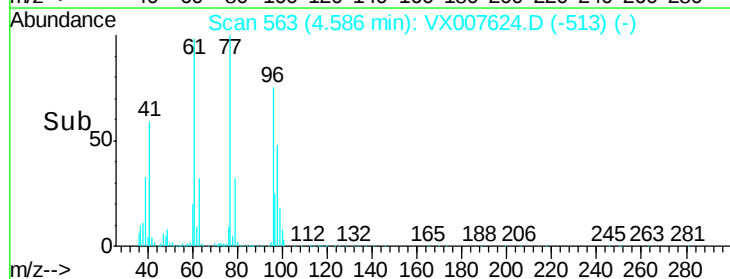
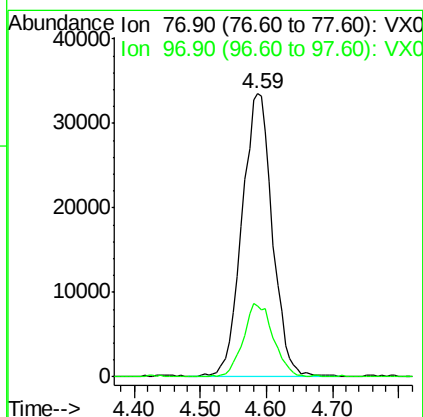
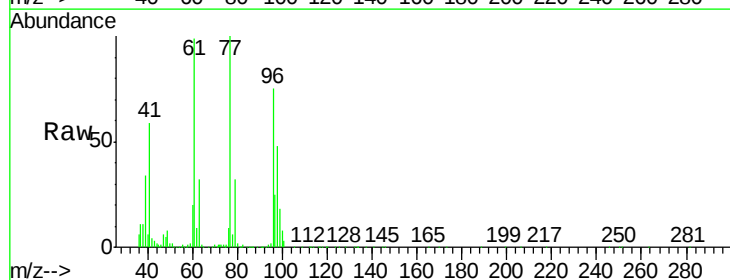
Acq: 21 Feb 2019 12:16

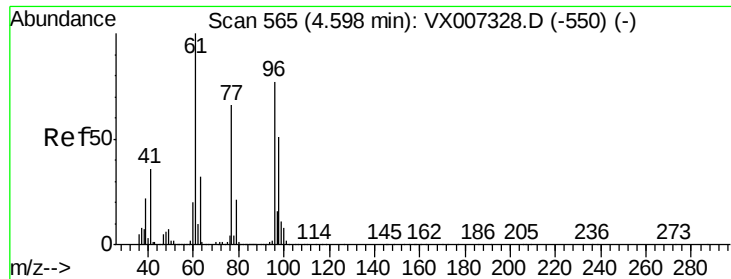
Tgt Ion: 77 Resp: 107222

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

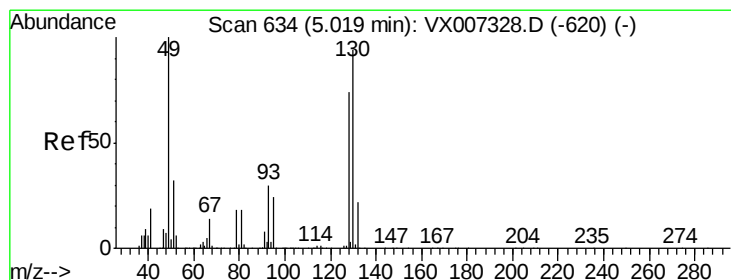
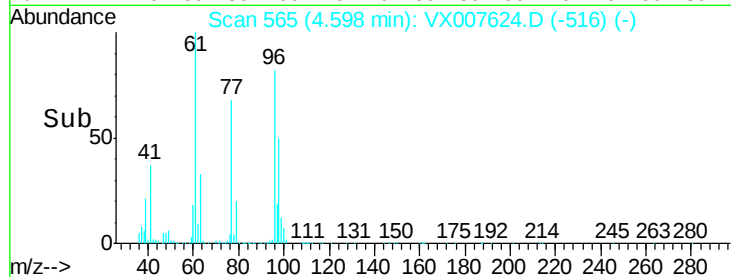
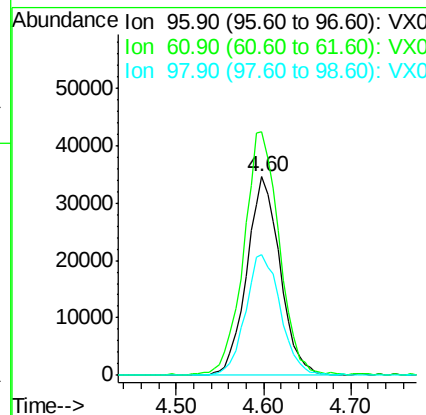
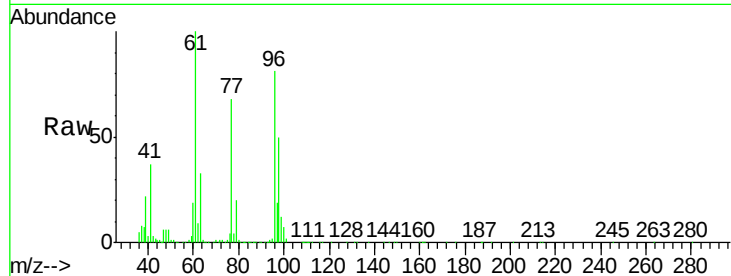
cis-1,2-Dichloroethene
Concen: 18.712 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	265.6
98	64.3	0.0	131.6

Manual Integrations
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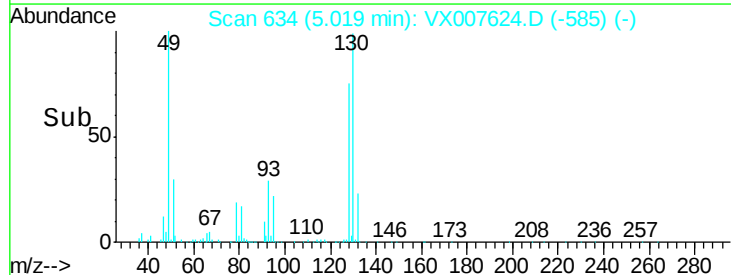
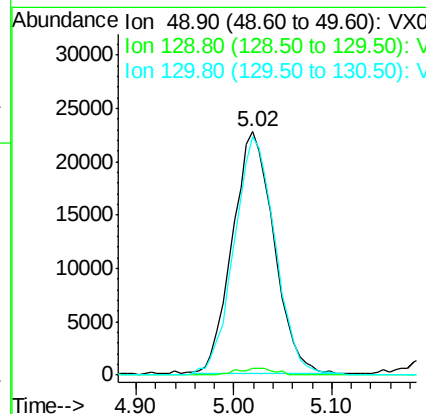
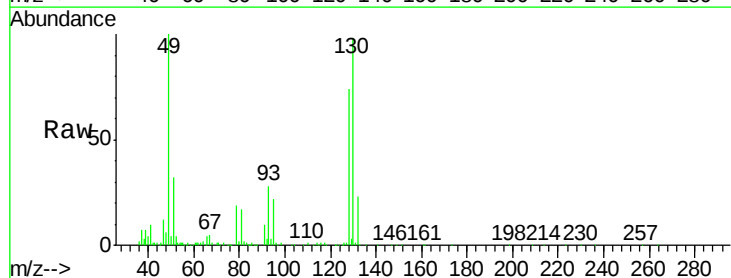
MMDadoda
2/22/2019 10:40:23 AM

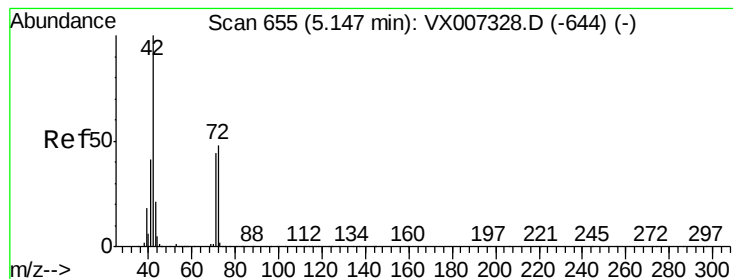


#28

Bromochloromethane
Concen: 20.047 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	98.9	75.6	113.4





#29

Tetrahydrofuran

Concen: 105.089 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

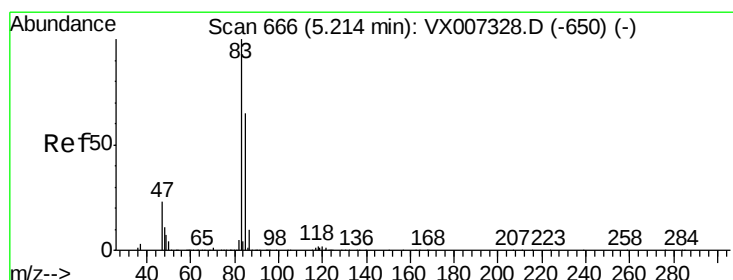
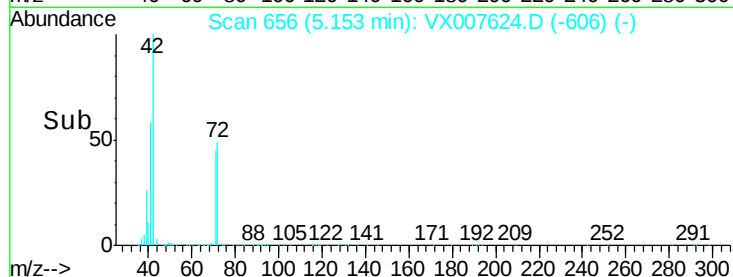
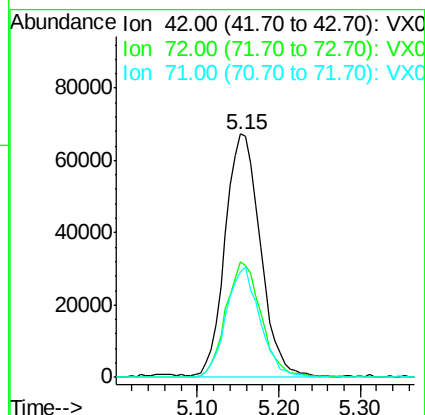
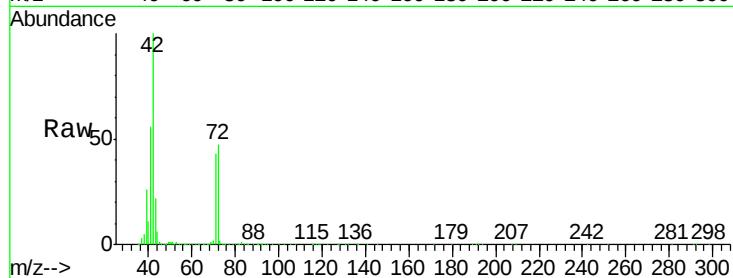
ClientSampleId :

VX0221WBS01

Tot Ion:	42	Resp:	200356
Ion Ratio		Lower	Upper
42	100		
72	47.9	37.6	56.4
71	43.4	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 20.007 ug/l

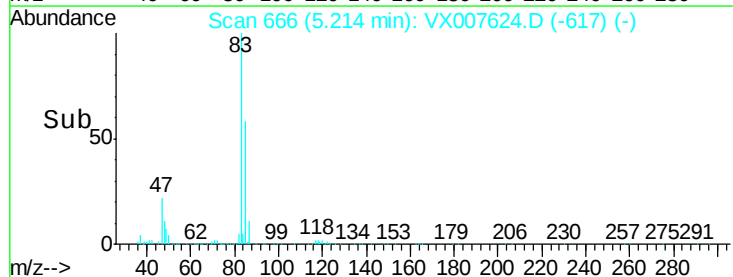
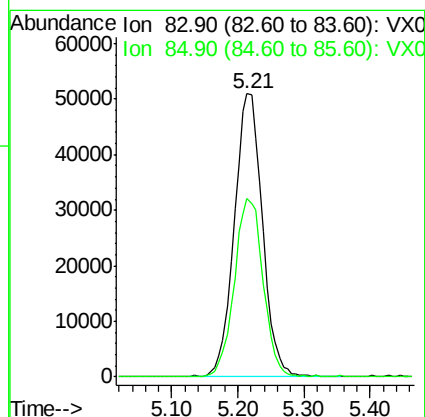
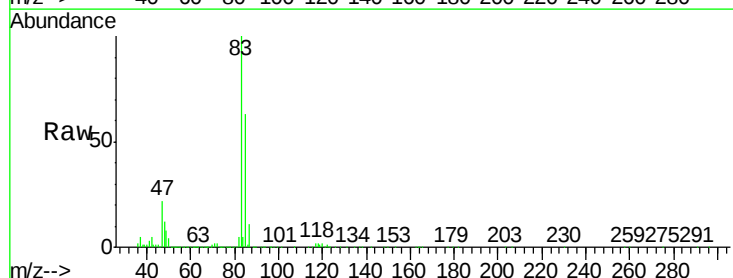
RT: 5.21 min Scan# 666

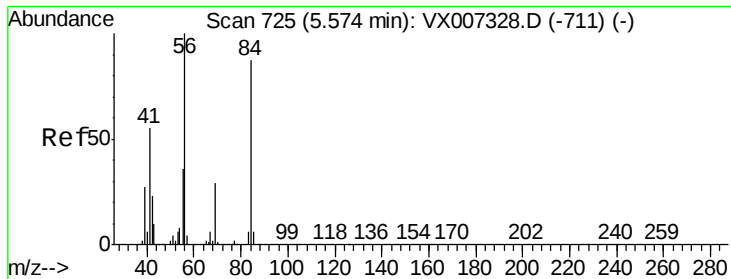
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	83	Resp:	150308
Ion Ratio		Lower	Upper
83	100		
85	62.9	51.6	77.4





#31

Cyclohexane

Concen: 16.870 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

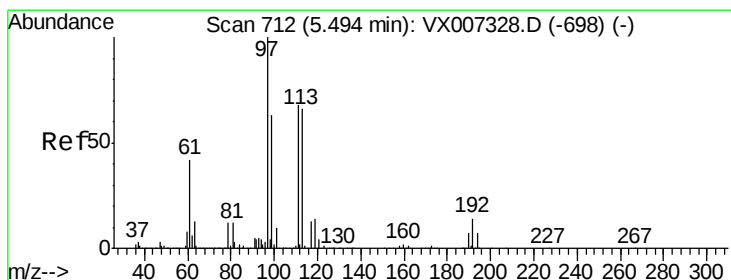
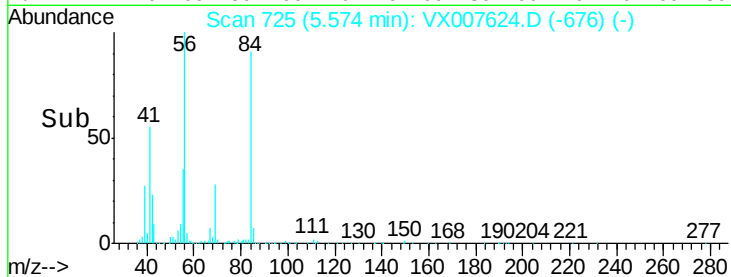
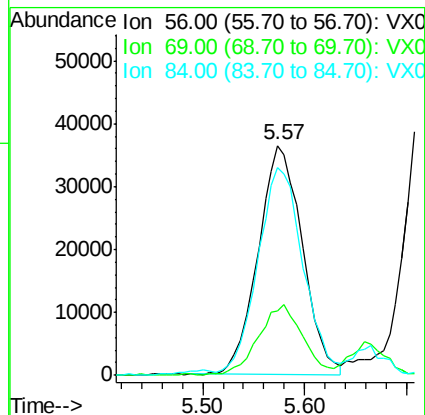
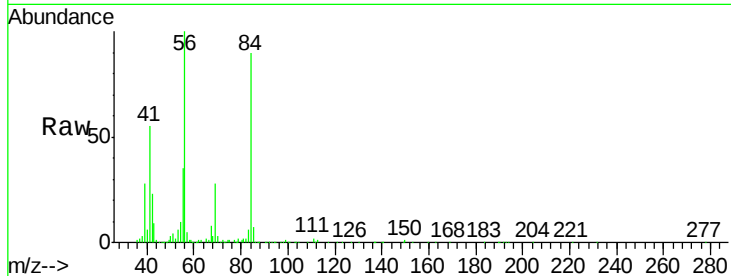
ClientSampleId :

VX0221WBS01

Tot Ion:	56	Resp:	109084
Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.0	34.6
84	88.9	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.637 ug/l

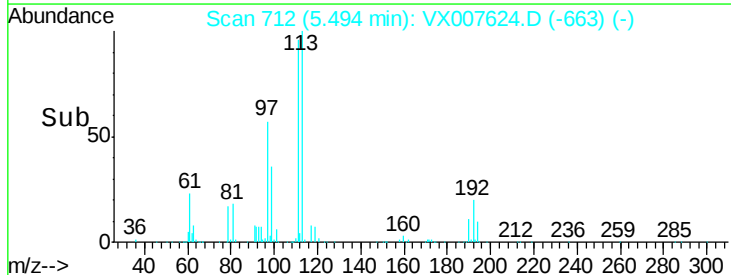
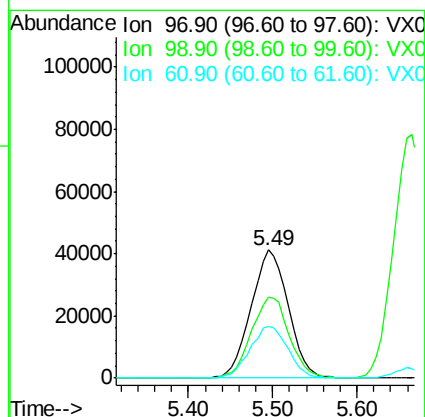
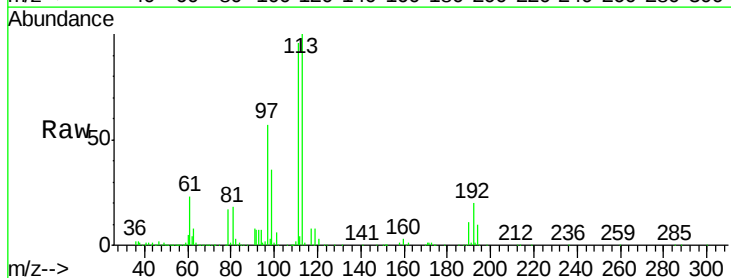
RT: 5.49 min Scan# 712

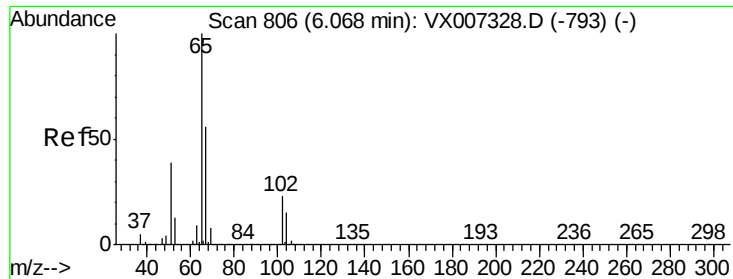
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	97	Resp:	124530
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	41.2	32.7	49.1





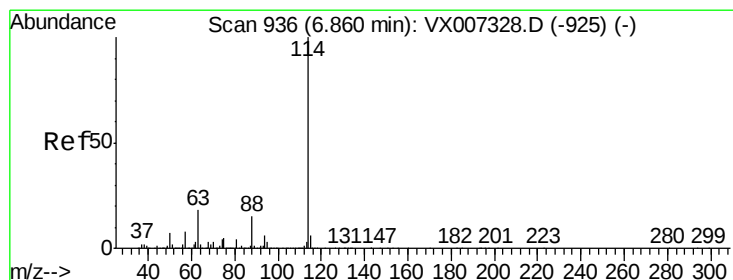
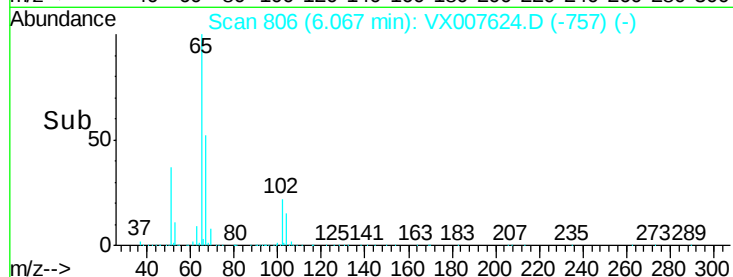
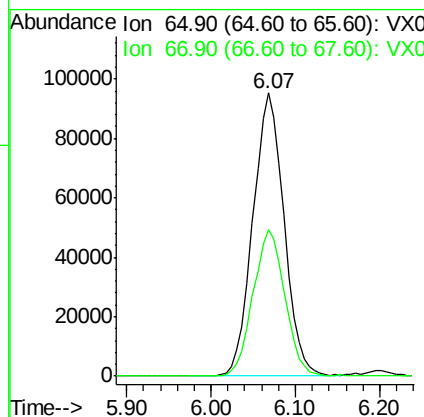
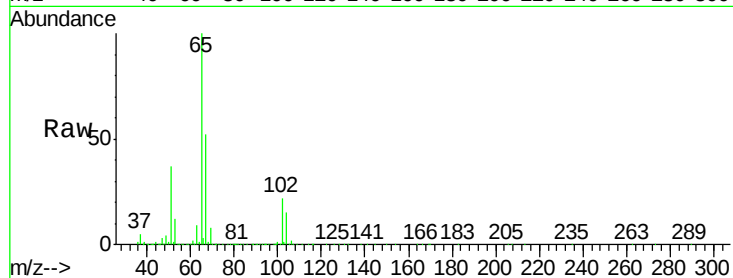
#33
 1,2-Dichloroethane-d4
 Concen: 51.554 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Instrument :
 MSVOA_X
 ClientSampled :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.8

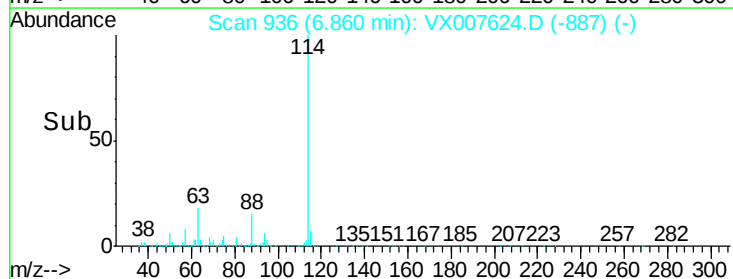
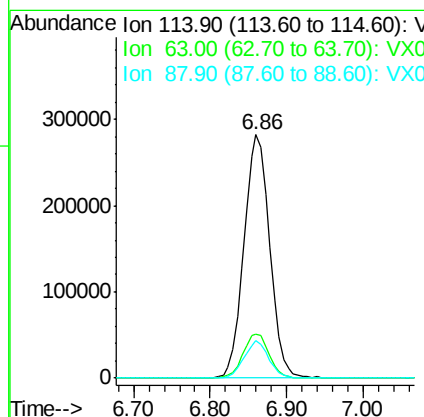
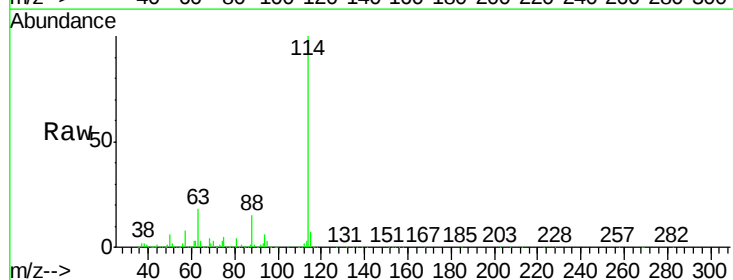
Manual Integrations
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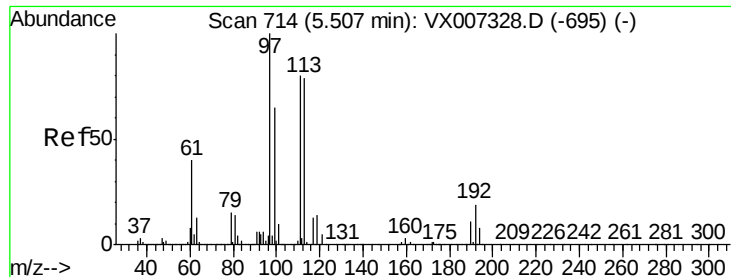
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	15.2	0.0	29.6





#35

Dibromofluoromethane

Concen: 50.871 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

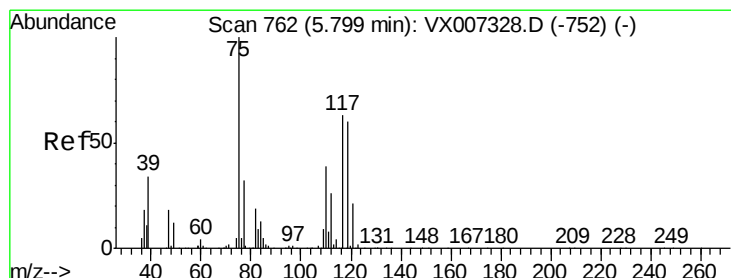
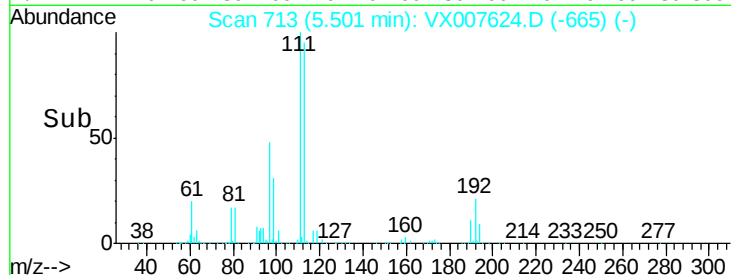
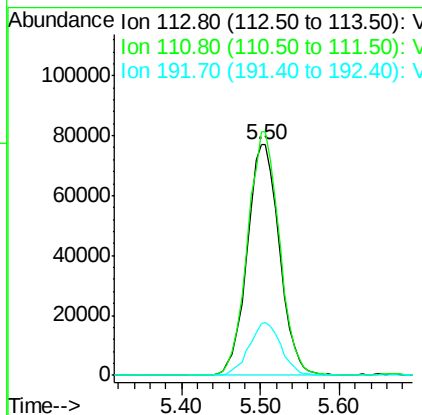
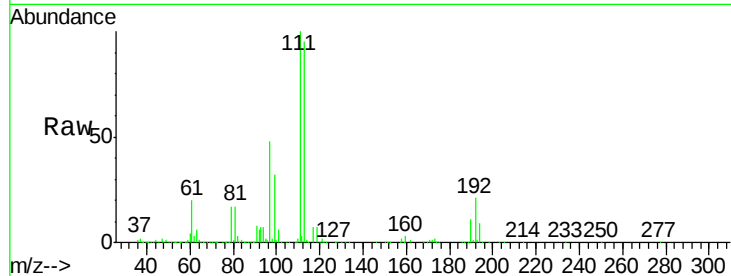
ClientSampled :

VX0221WBS01

Tot Ion:	113	Resp:	218529
Ion Ratio	Lower	Upper	
113	100		
111	104.9	81.8	122.8
192	22.6	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.671 ug/l

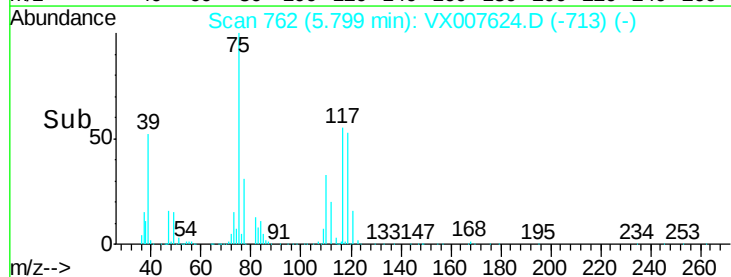
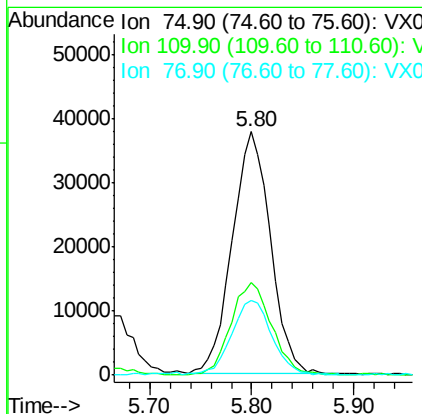
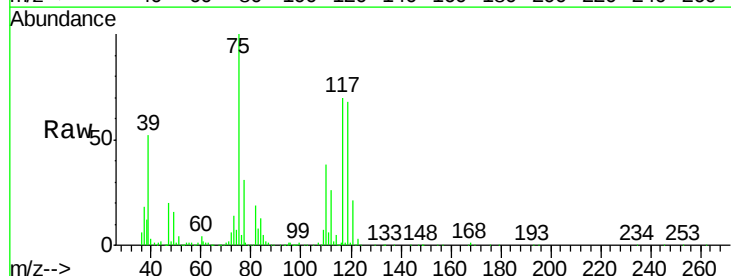
RT: 5.80 min Scan# 762

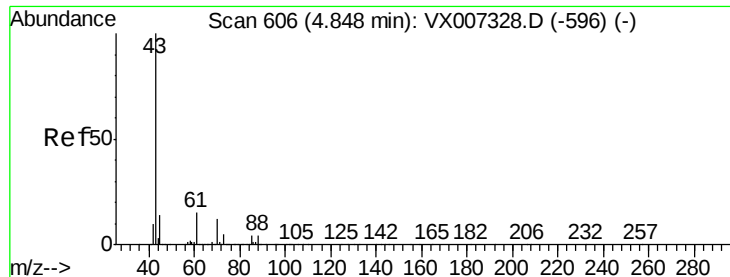
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	75	Resp:	98752
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.0	59.9
77	32.0	24.7	37.1





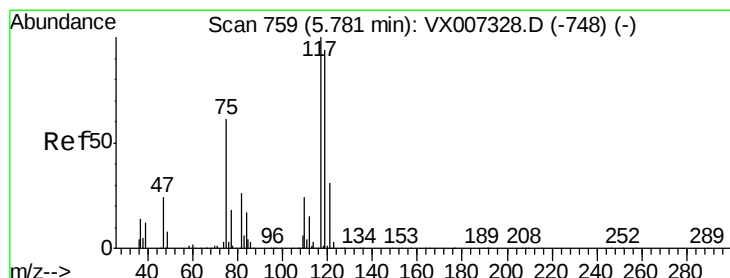
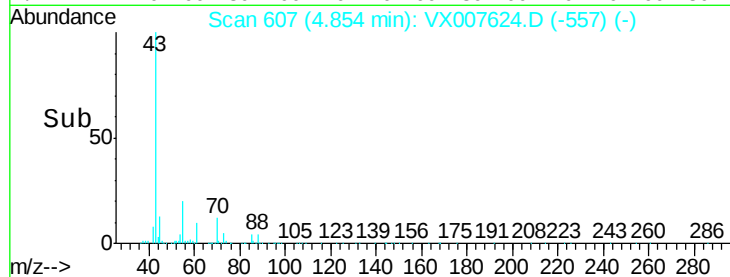
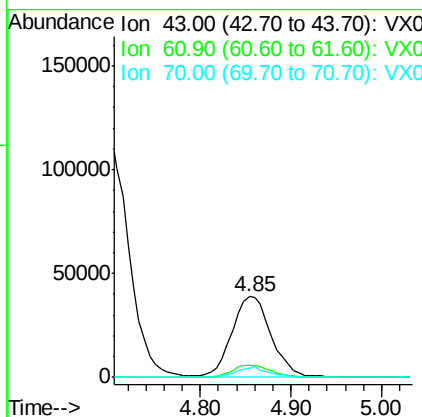
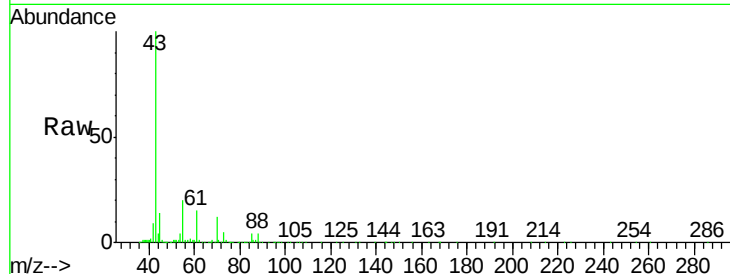
#37
Ethyl Acetate
Concen: 19.234 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion:	43	Resp:	115176
Ion Ratio	Lower	Upper	
43	100		
61	15.3	11.3	16.9
70	11.6	8.6	13.0

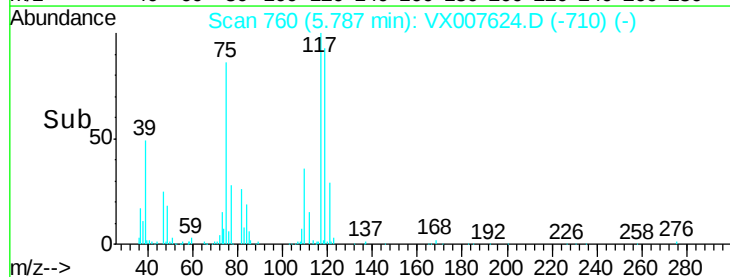
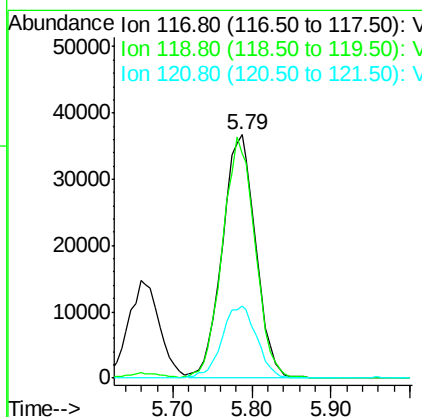
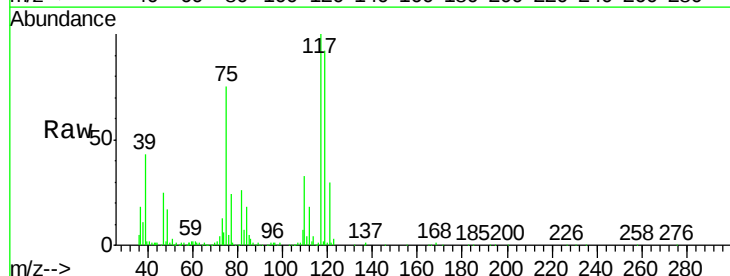
Manual Integrations
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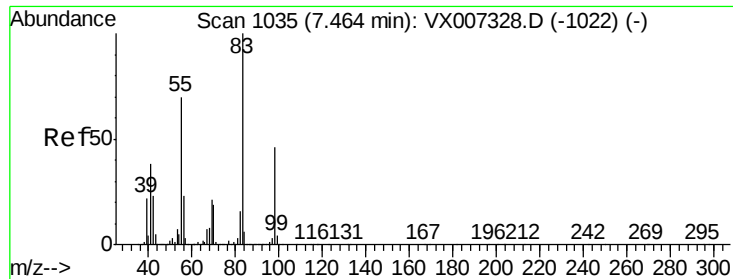
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.704 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion:	117	Resp:	107489
Ion Ratio	Lower	Upper	
117	100		
119	92.2	75.3	112.9
121	29.7	25.0	37.4





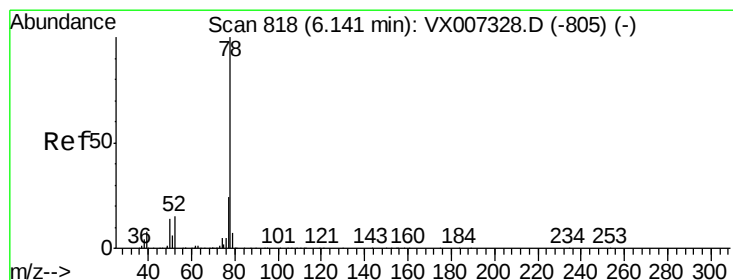
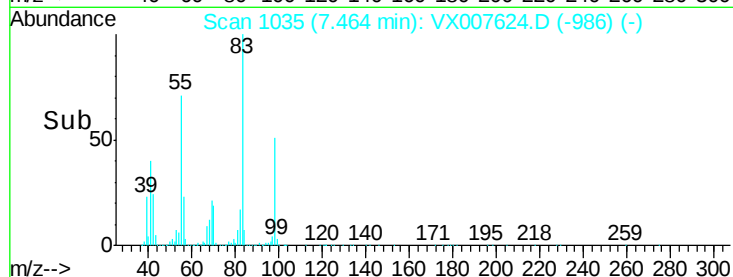
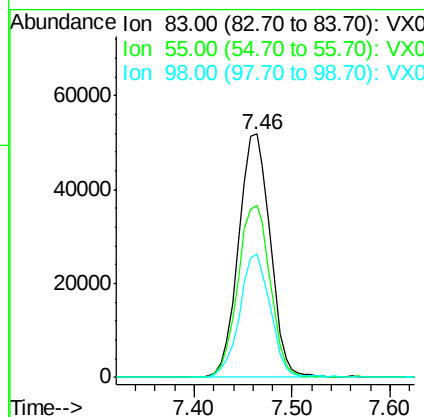
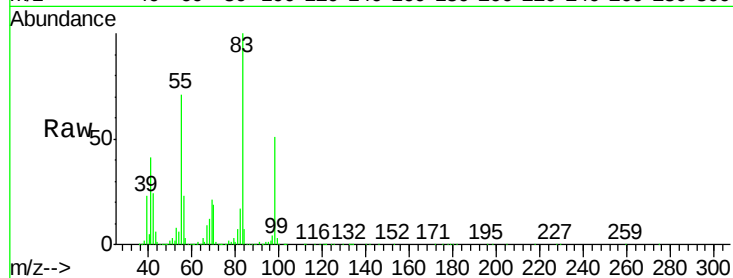
#39
Methvlcvclohexane
Concen: 16.334 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.2	84.2
98	50.8	36.8	55.2

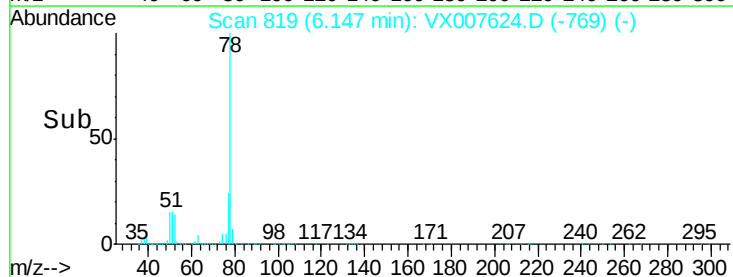
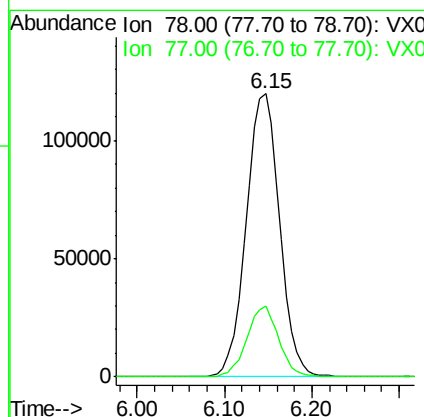
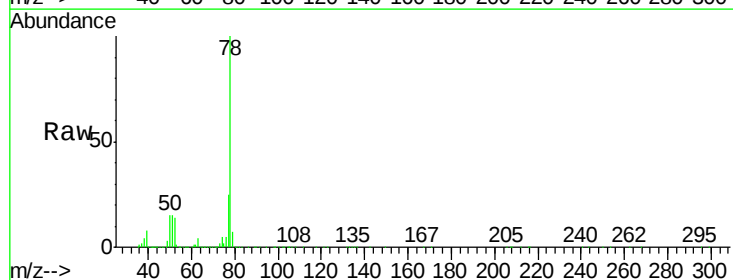
Manual Integrations
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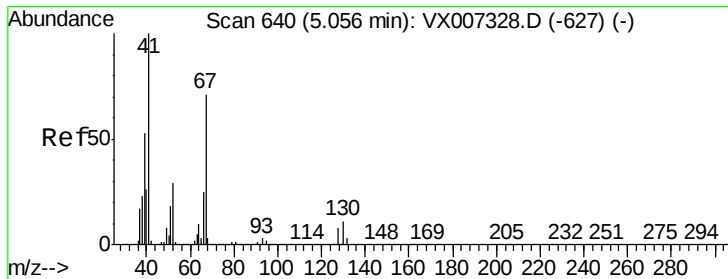
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#40
Benzene
Concen: 18.200 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.3	28.9





#41

Methacrylonitrile

Concen: 19.811 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

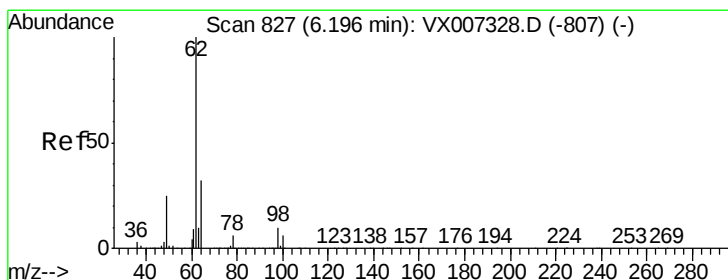
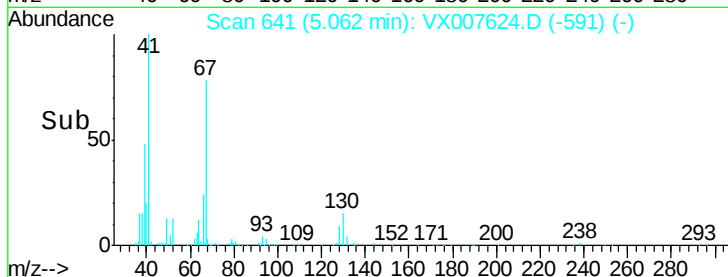
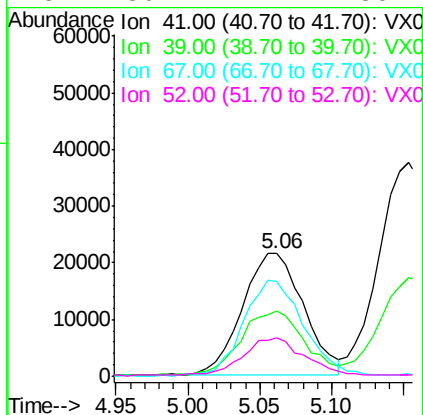
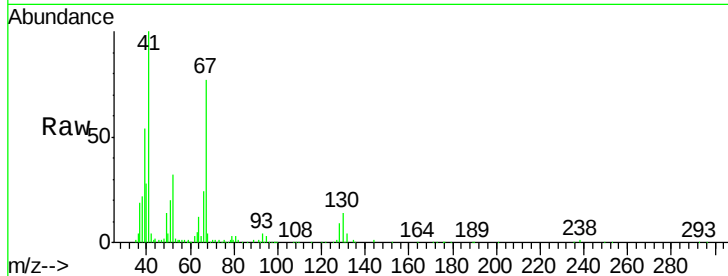
ClientSampleId :

VX0221WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.5	66.7
67	78.4	60.4	90.6
52	30.1	24.1	36.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.165 ug/l

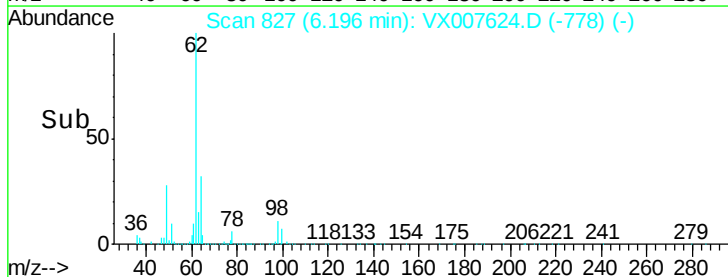
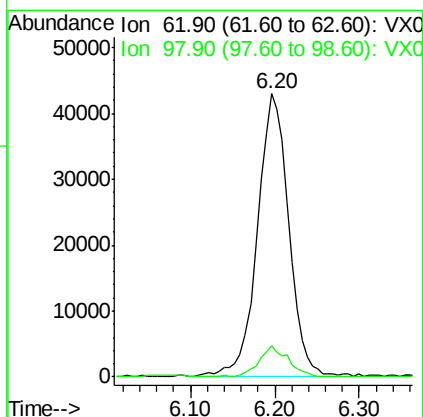
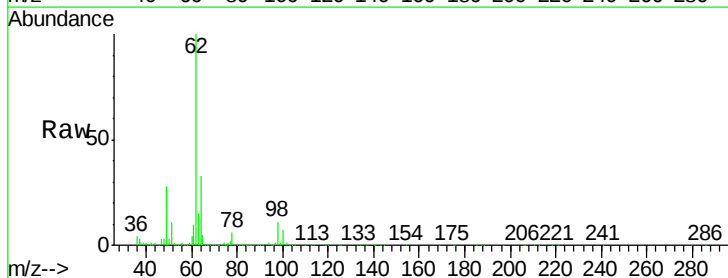
RT: 6.20 min Scan# 827

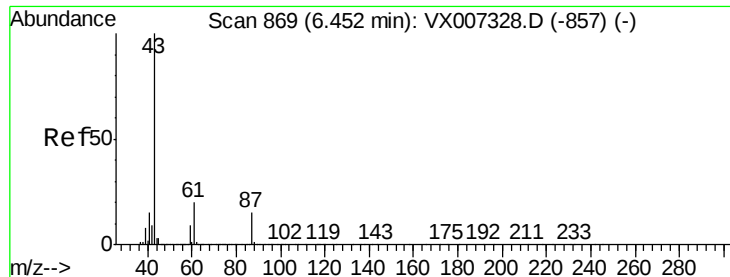
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0





#43

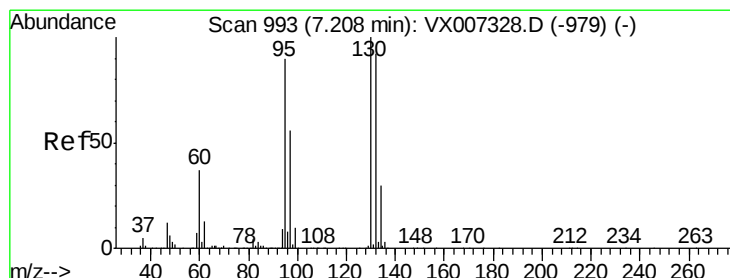
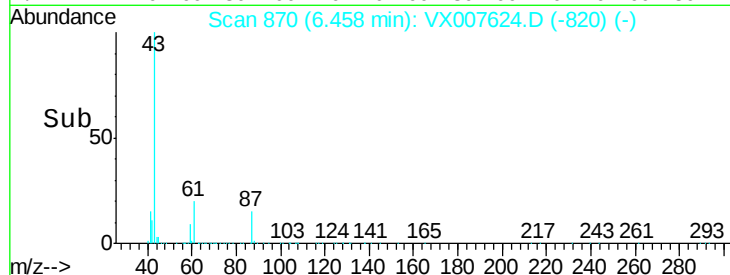
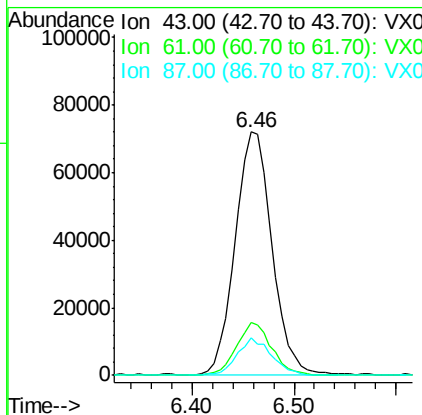
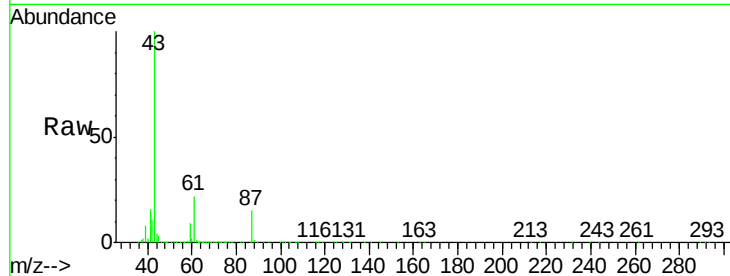
Isopropyl Acetate
 Concen: 19.410 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.1	24.1
87	14.6	11.5	17.3

Manual Integrations
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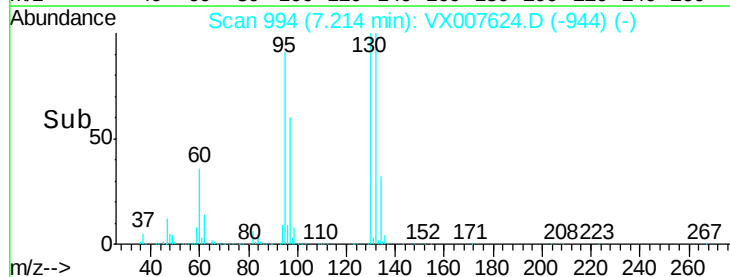
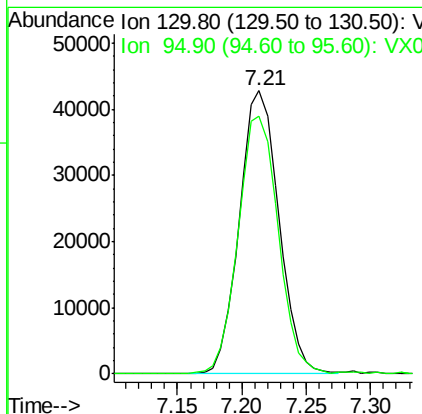
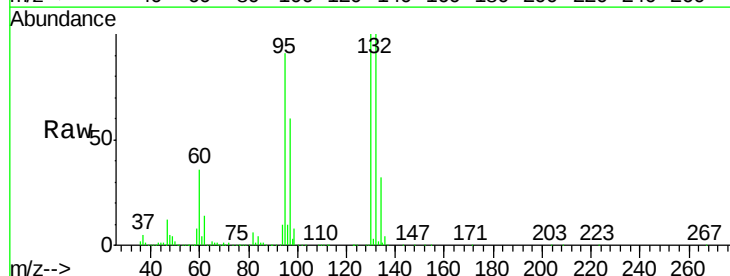
MMDadoda
 2/22/2019 10:40:23 AM

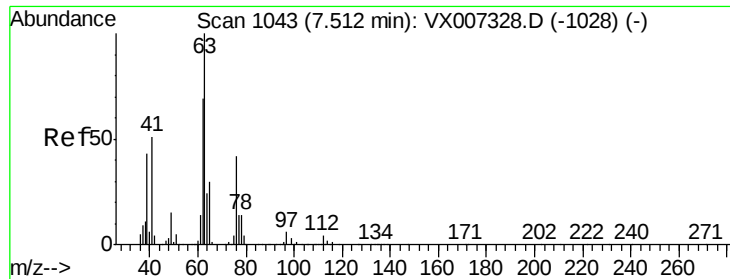


#44

Trichloroethene
 Concen: 17.278 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.001 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 63 Resp: 83074

Ion Ratio Lower Upper

63 100

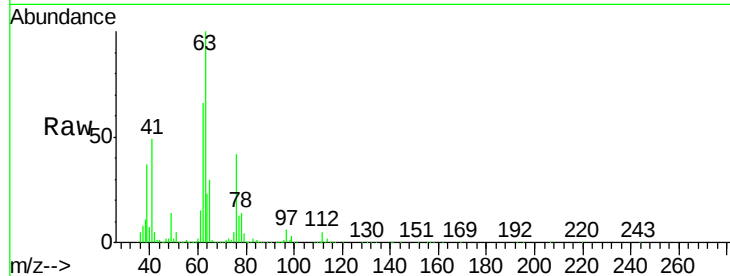
65 29.3 24.2 36.2

Manual Integrations

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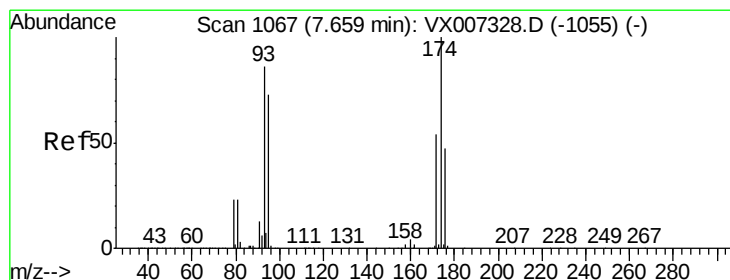
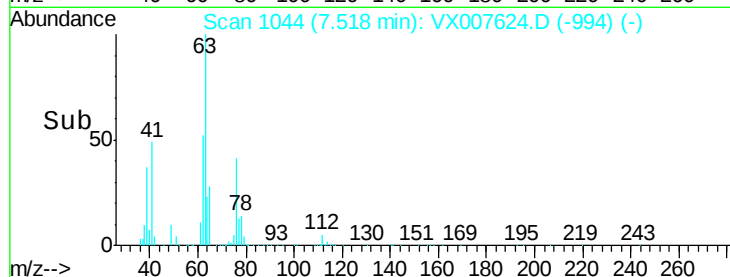
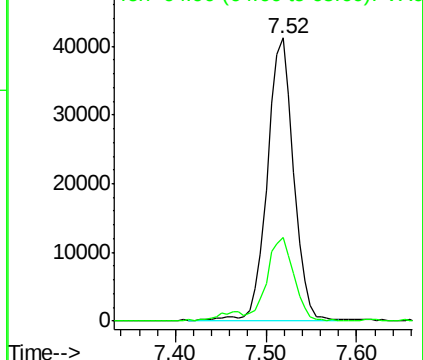
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.547 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

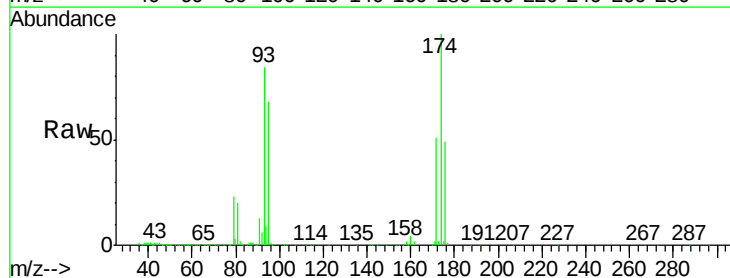
Tgt Ion: 93 Resp: 58936

Ion Ratio Lower Upper

93 100

95 82.1 67.6 101.4

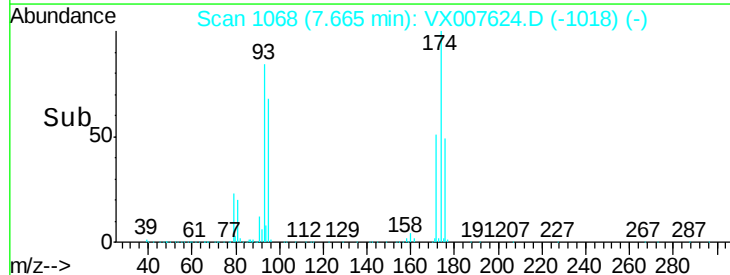
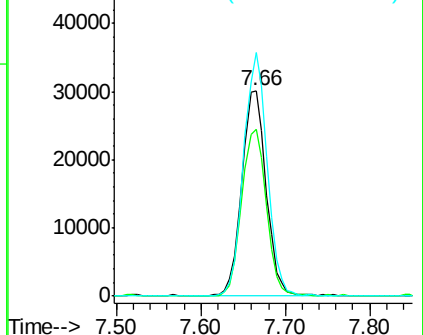
174 113.8 94.2 141.4

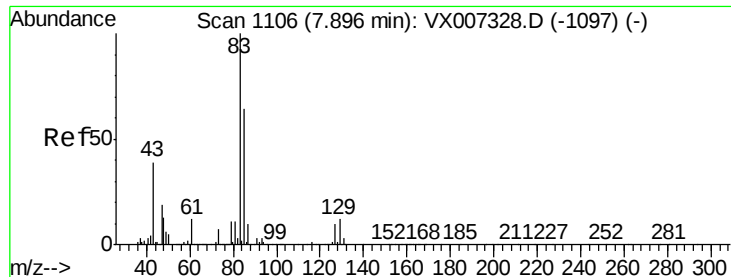


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.335 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

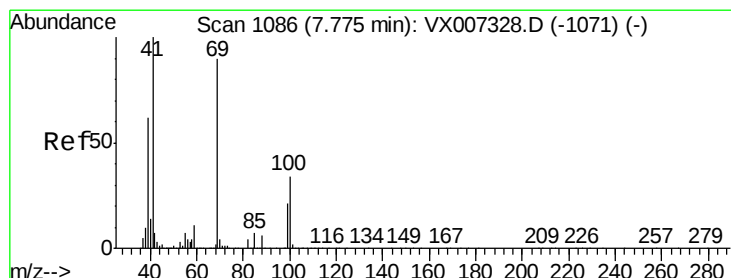
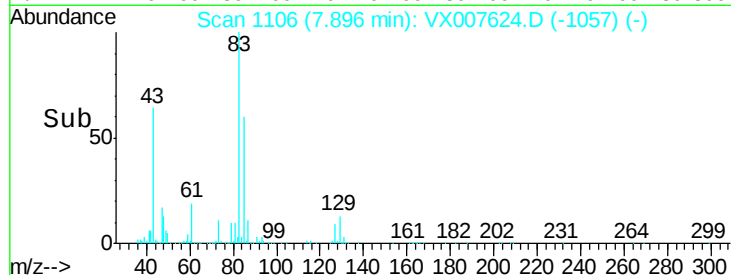
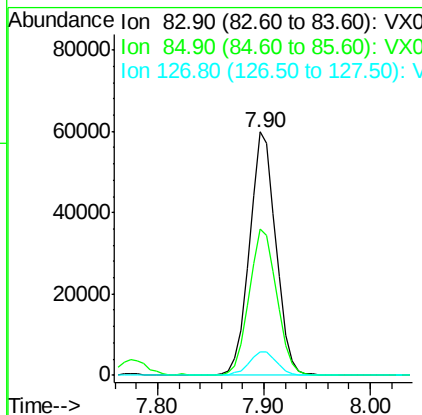
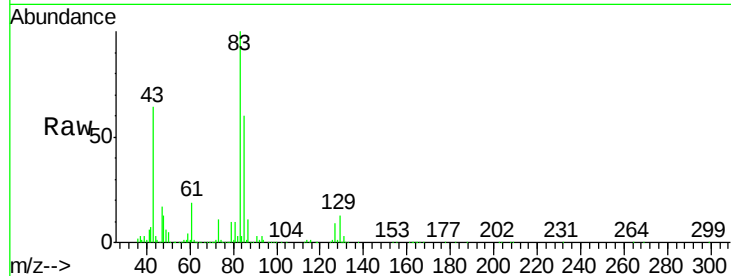
ClientSampleId :

VX0221WBS01

Tot Ion:	83	Resp:	104124
Ion Ratio	Lower	Upper	
83	100		
85	60.0	51.4	77.0
127	9.3	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.757 ug/l

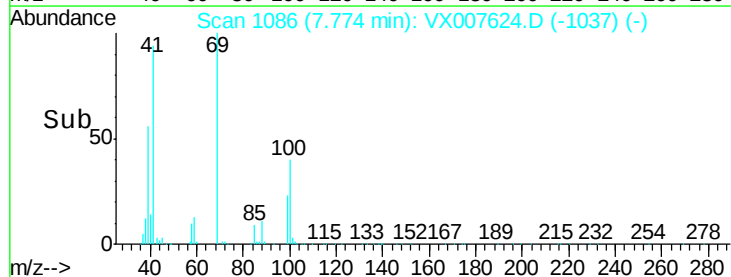
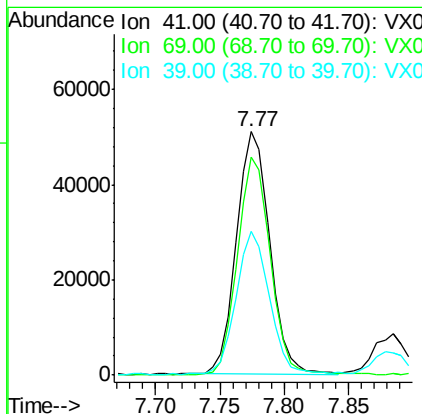
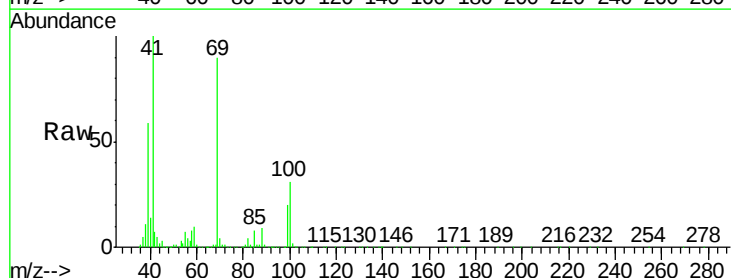
RT: 7.77 min Scan# 1086

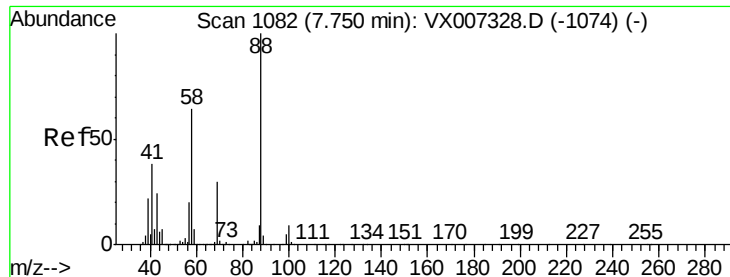
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	41	Resp:	91338
Ion Ratio	Lower	Upper	
41	100		
69	88.3	70.2	105.4
39	59.0	47.4	71.0





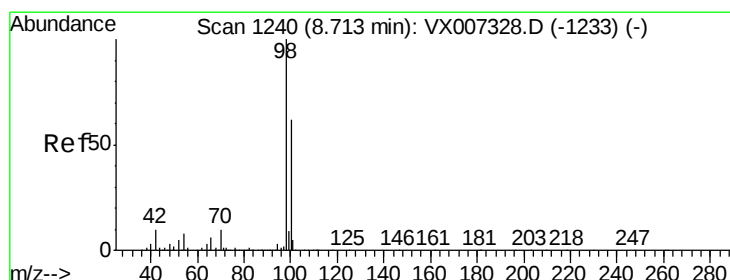
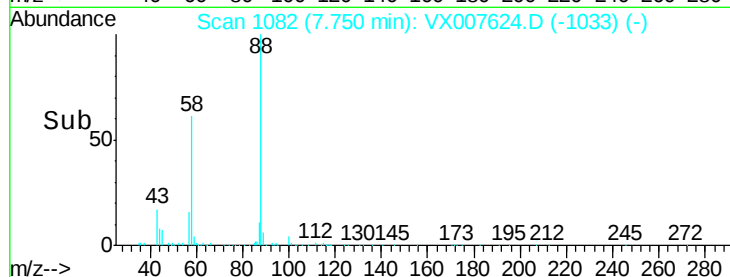
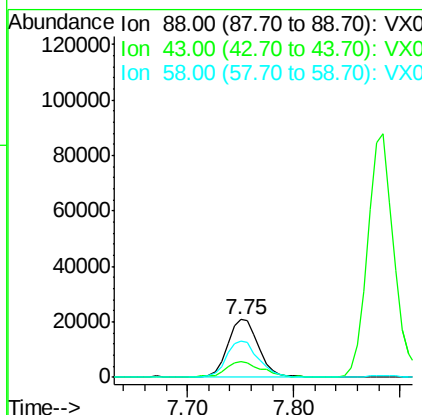
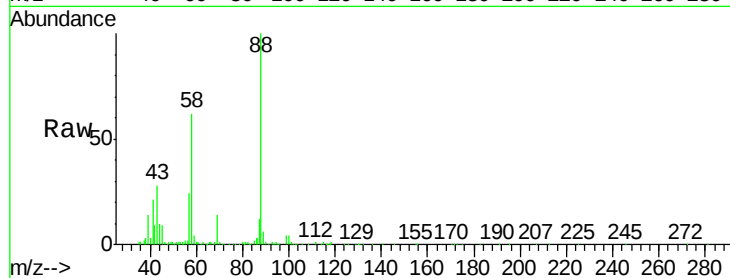
#49
1,4-Dioxane
Concen: 412.886 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.2	36.4
58	62.9	53.0	79.4

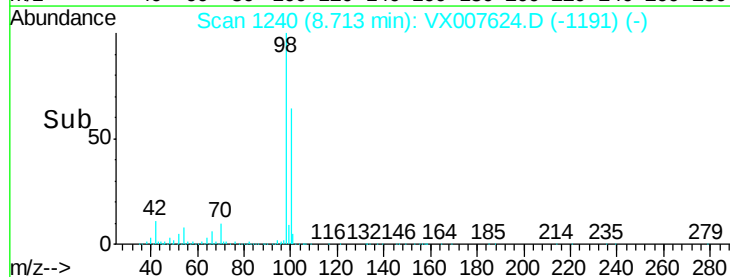
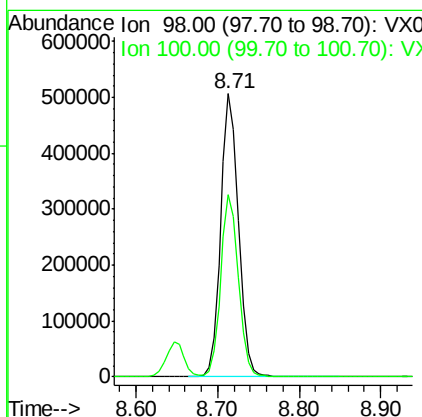
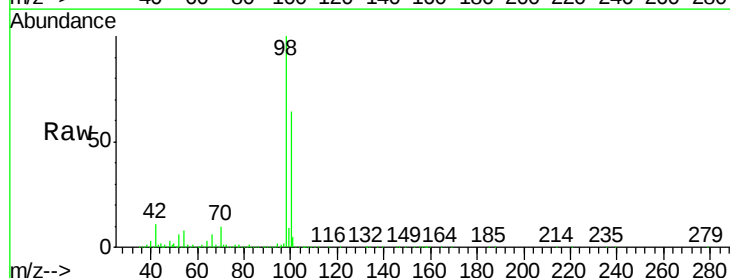
Manual Integrations
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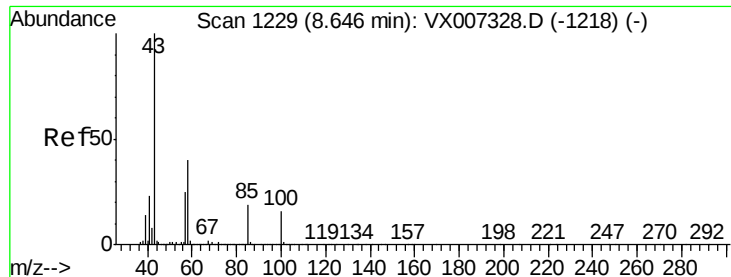
MMDadoda
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#50
Toluene-d8
Concen: 48.367 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





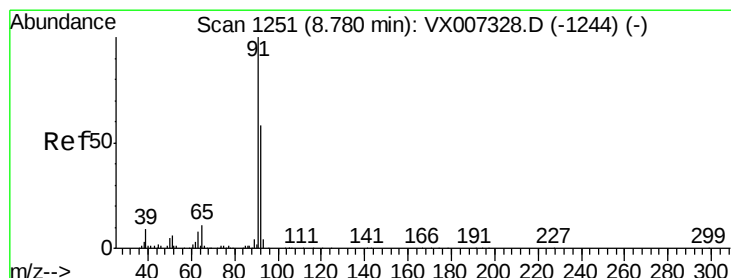
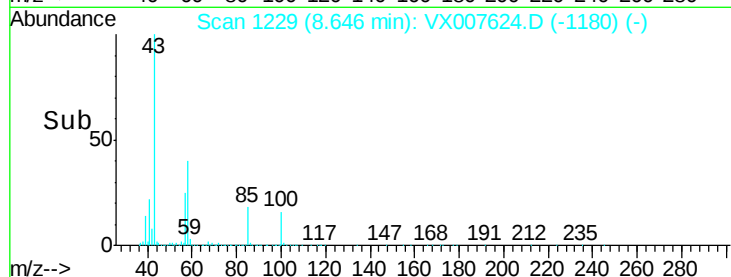
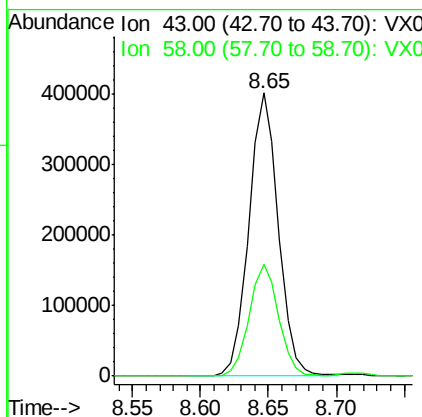
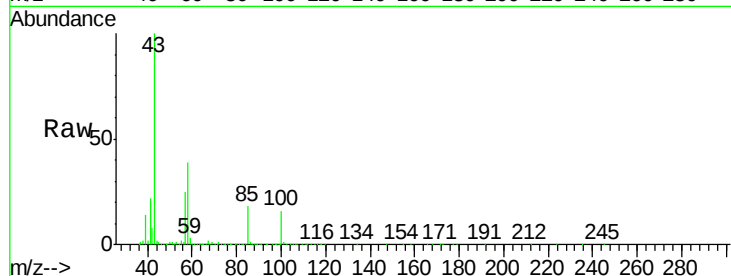
#51
4-Methyl-2-Pentanone
Concen: 99.735 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8

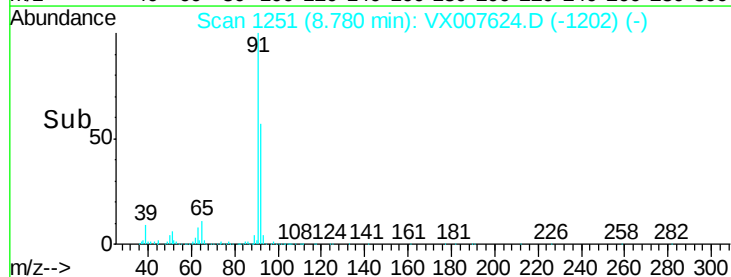
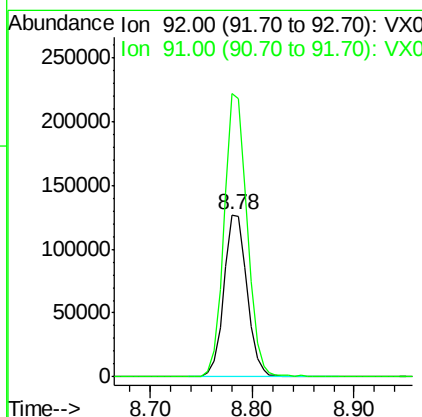
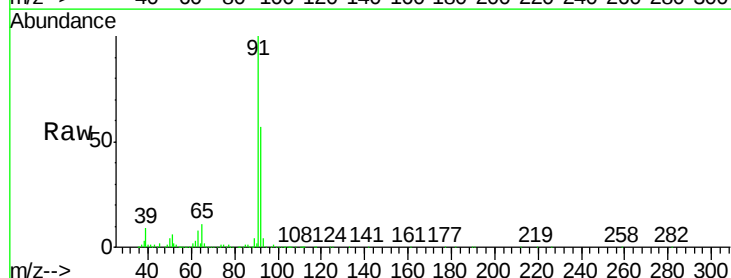
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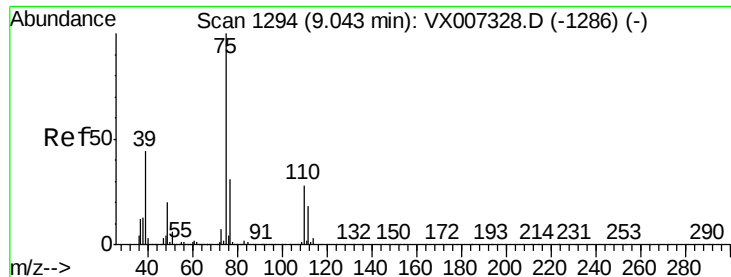
MMDadoda
2/22/2019 10:40:23 AM



#52
Toluene
Concen: 17.708 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.1	208.7





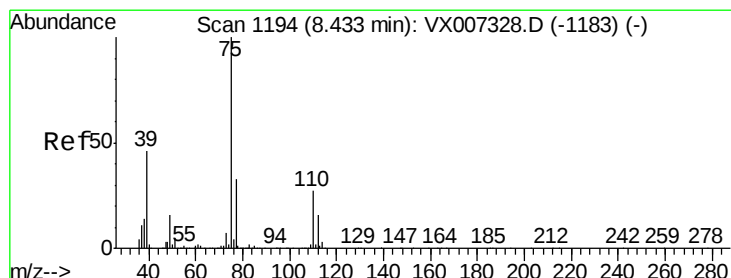
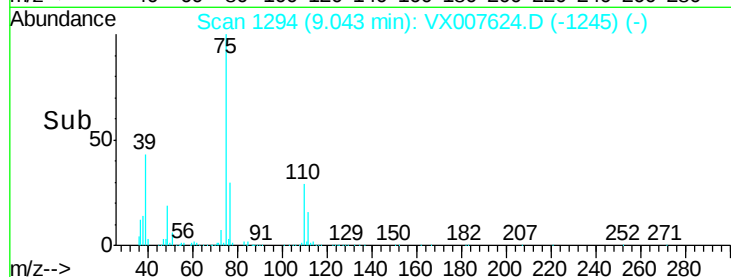
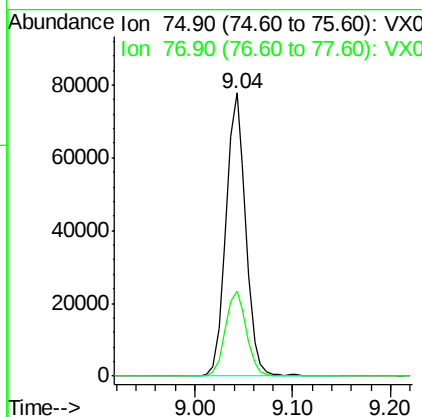
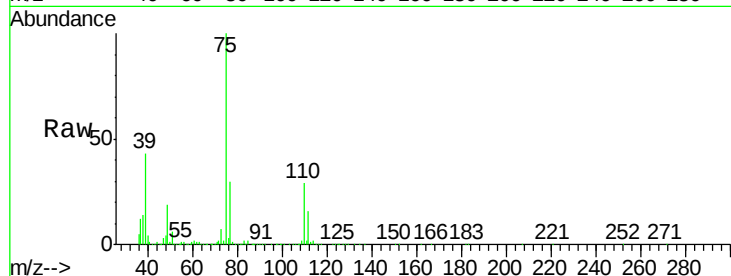
#53
t-1,3-Dichloropropene
Concen: 18.794 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.2	37.8

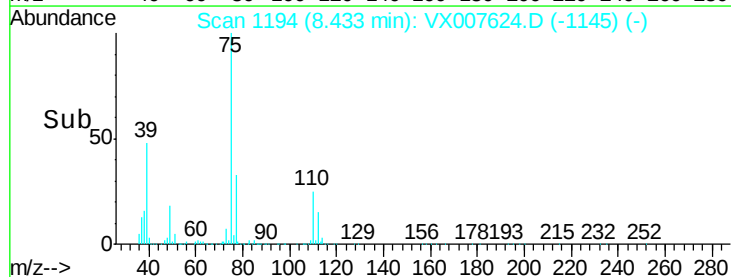
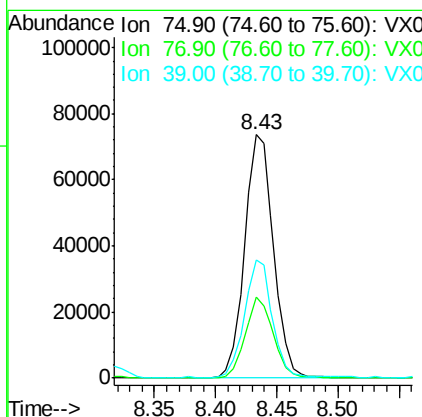
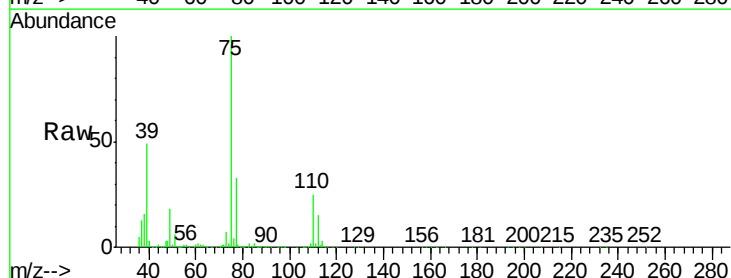
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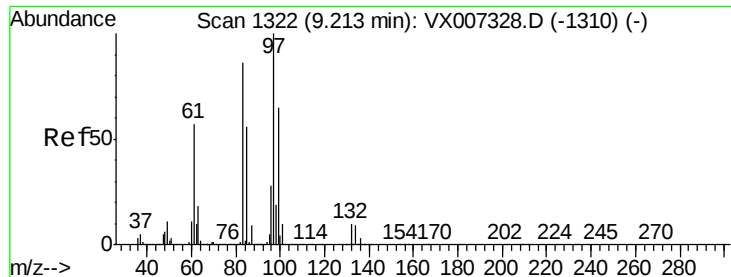
MMDadoda
2/22/2019 10:40:23 AM



#54
cis-1,3-Dichloropropene
Concen: 18.971 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.2	39.4
39	48.3	37.1	55.7





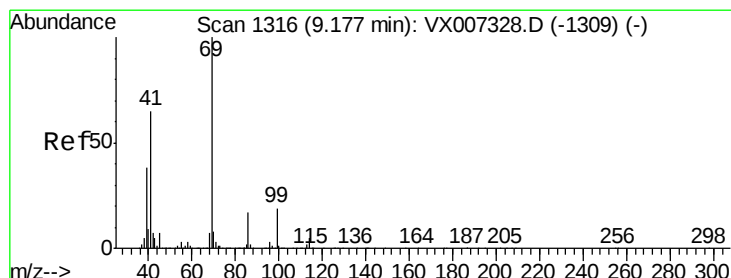
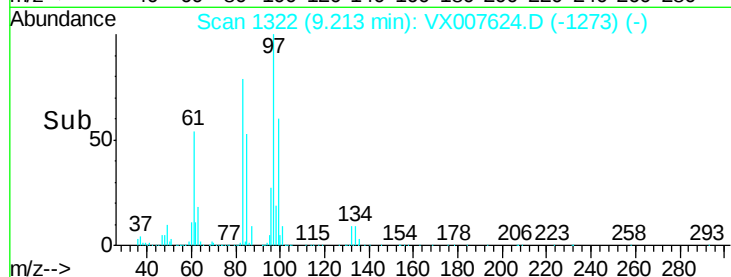
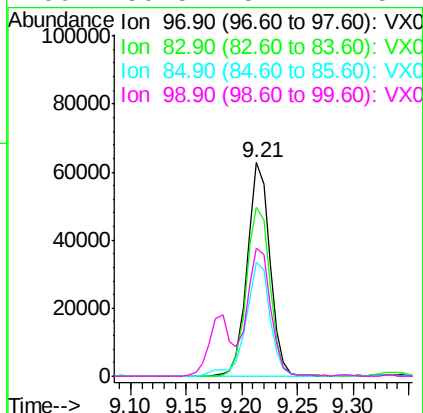
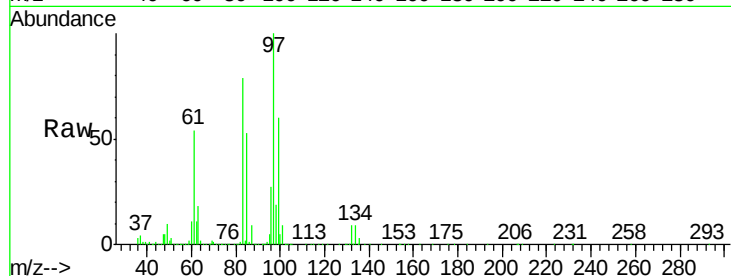
#55
 1,1,2-Trichloroethane
 Concen: 18.992 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	78.8	68.6	102.8
85	53.1	44.5	66.7
99	59.5	52.2	78.4

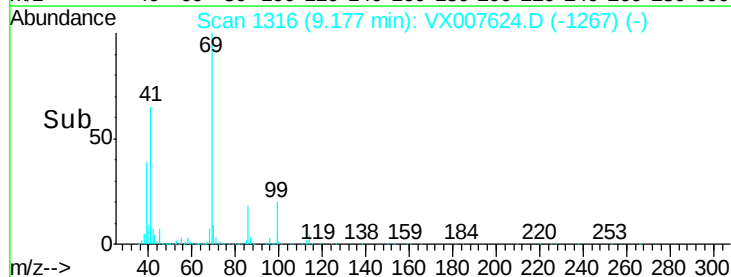
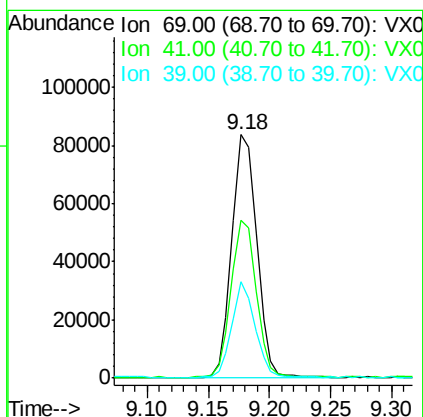
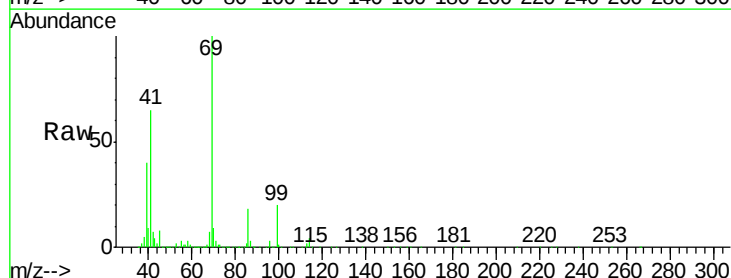
Manual Integrations
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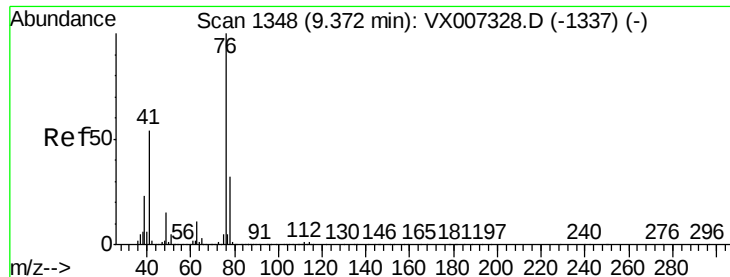
MMDadoda
 2/22/2019 10:40:23 AM



#56
 Ethyl methacrylate
 Concen: 18.369 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	36.6	30.1	45.1





#57

1,3-Dichloropropane

Concen: 18.711 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 76 Resp: 139644

Ion Ratio Lower Upper

76 100

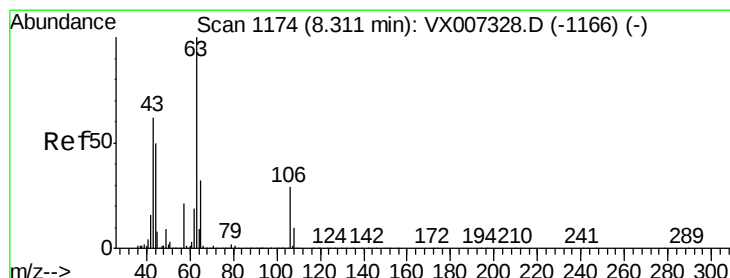
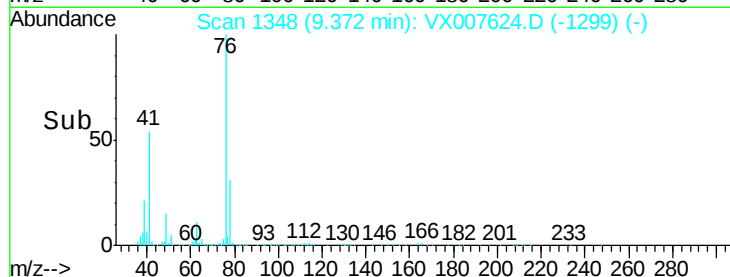
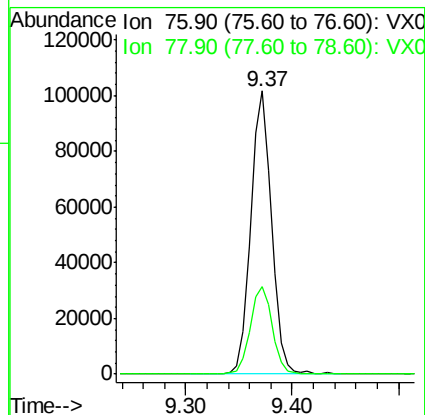
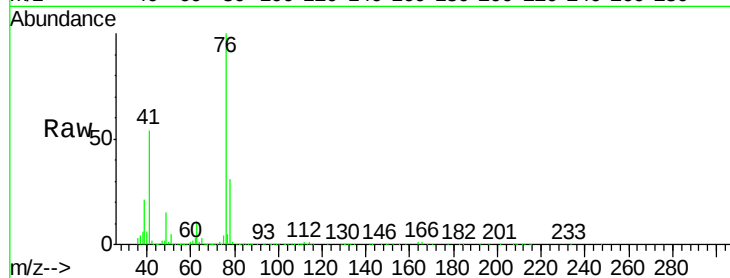
78 32.4 25.8 38.8

Manual Integrations

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2/22/2019 10:40:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.227 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007624.D

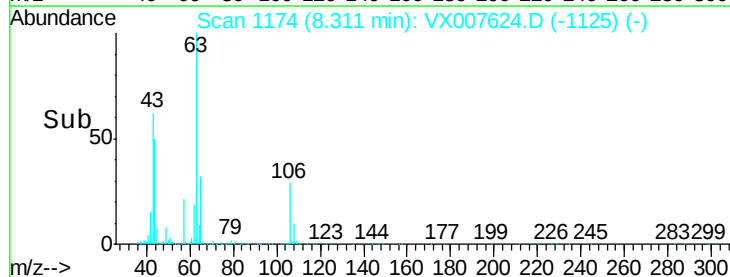
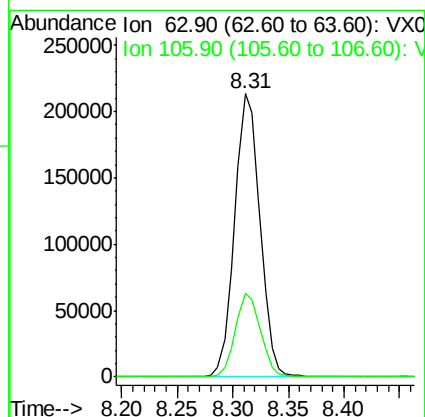
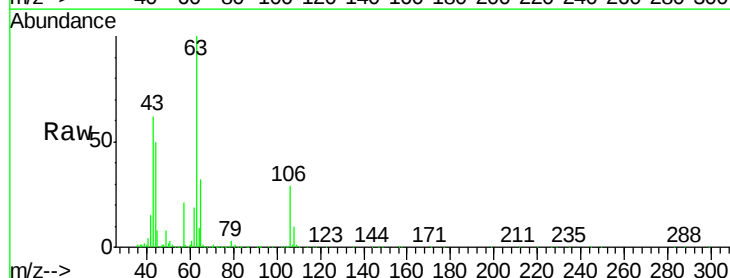
Acq: 21 Feb 2019 12:16

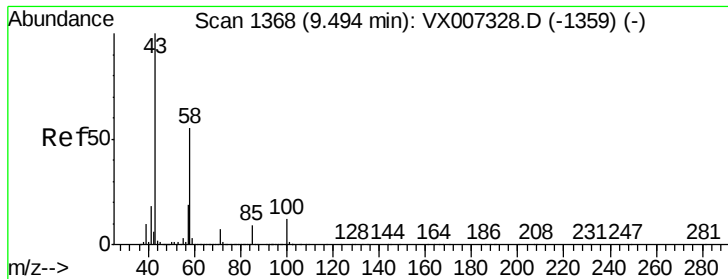
Tgt Ion: 63 Resp: 336512

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





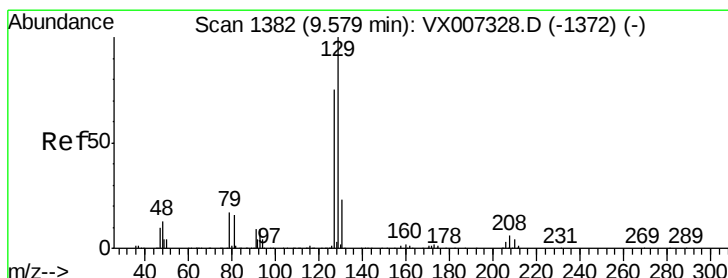
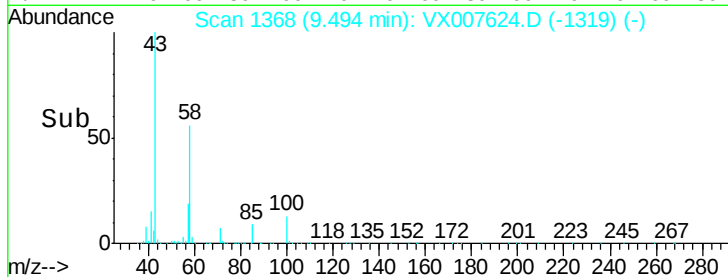
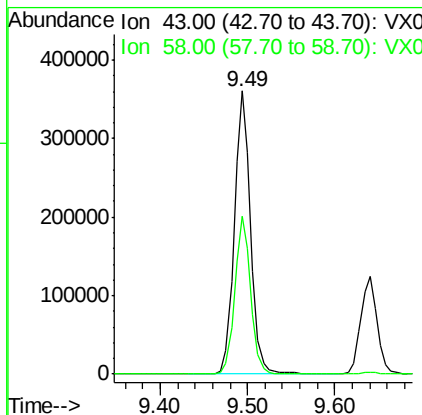
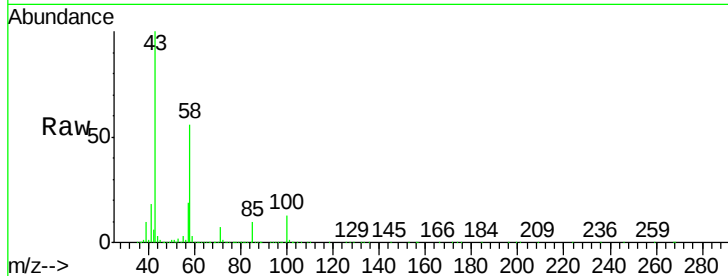
#59
2-Hexanone
Concen: 98.831 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	27.1	81.3

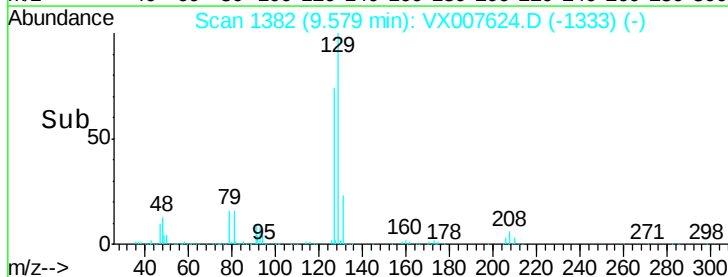
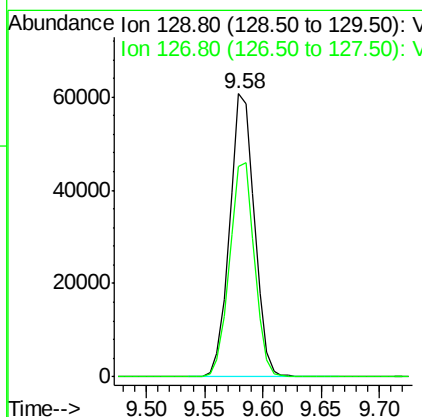
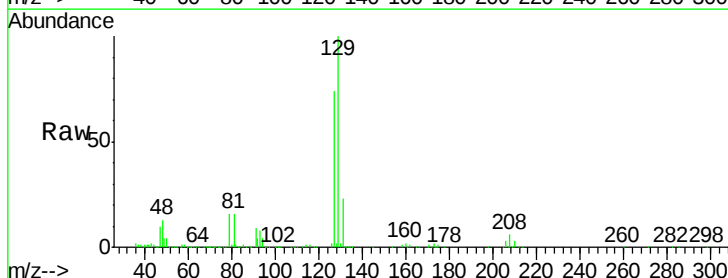
Manual Integrations
APPROVED

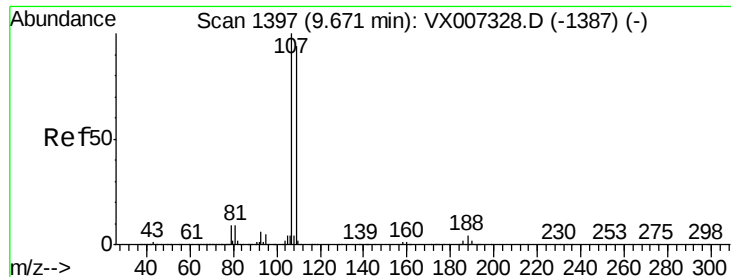
MMDadoda
2/22/2019 10:40:23 AM



#60
Dibromochloromethane
Concen: 20.348 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	37.8	113.4





#61

1,2-Dibromoethane

Concen: 18.678 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion:107 Resp: 92828

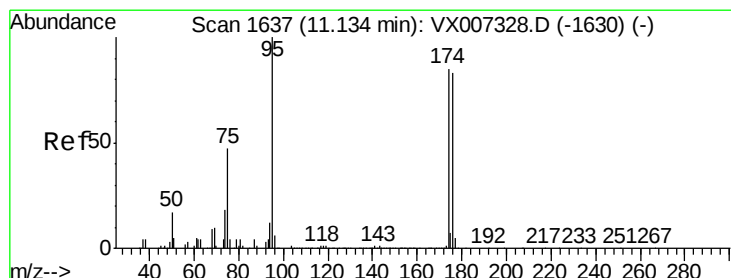
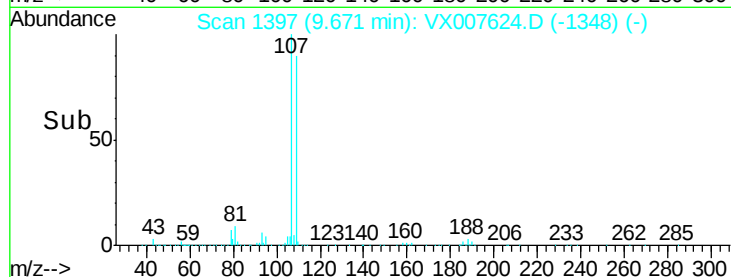
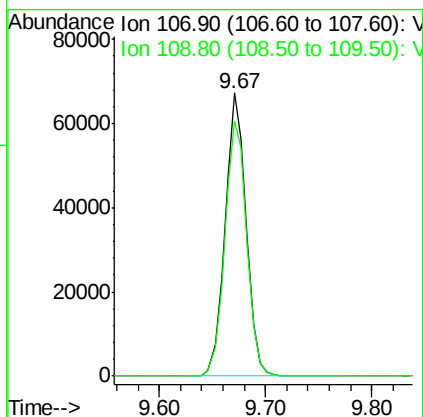
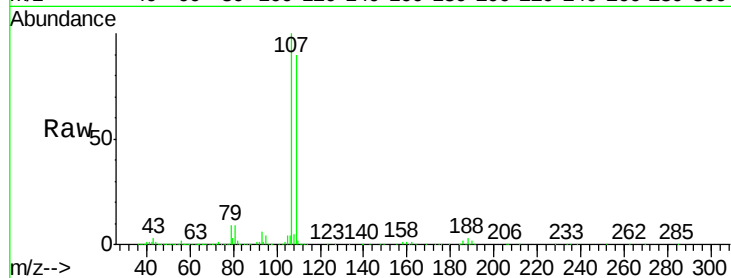
Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
2/22/2019 10:40:23 AM



#62

4-Bromofluorobenzene

Concen: 45.998 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

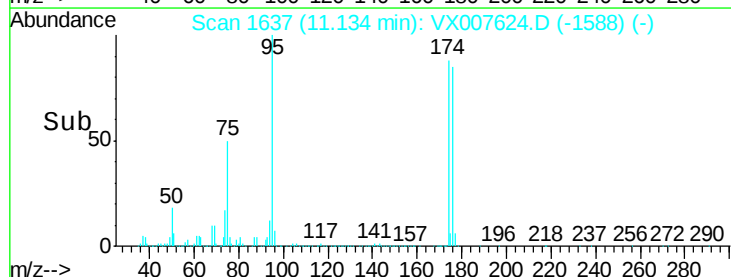
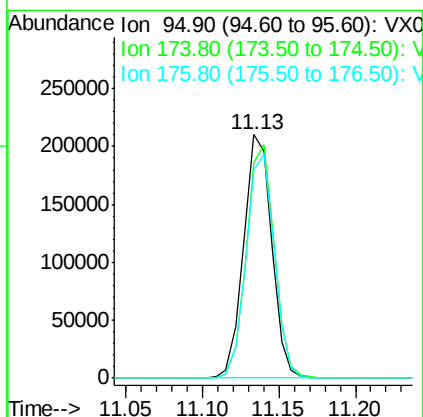
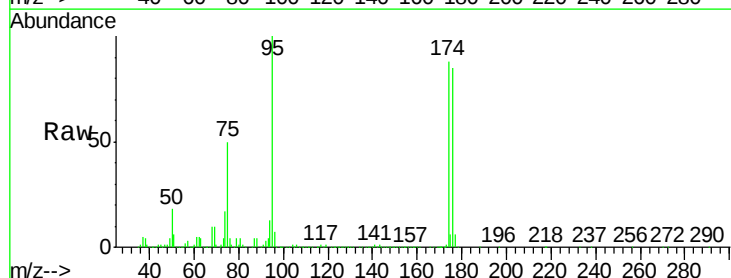
Tgt Ion: 95 Resp: 267659

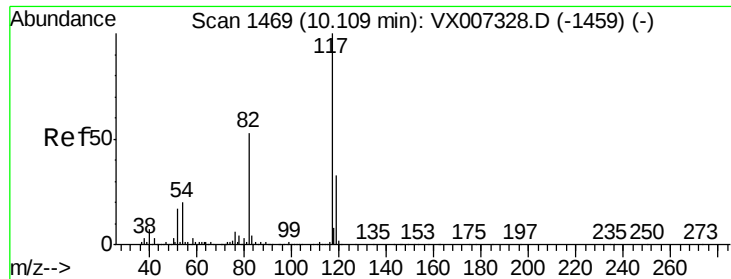
Ion Ratio Lower Upper

95 100

174 95.5 0.0 189.2

176 92.8 0.0 186.2





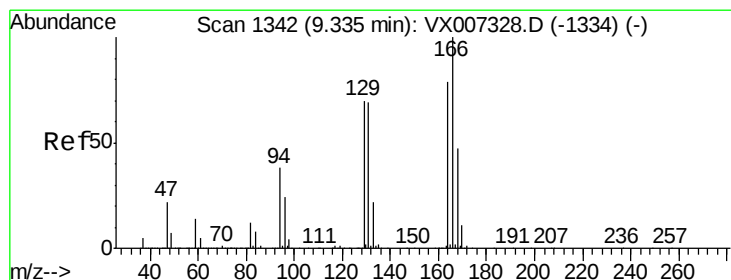
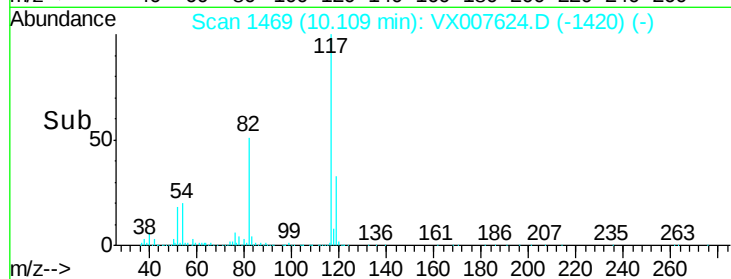
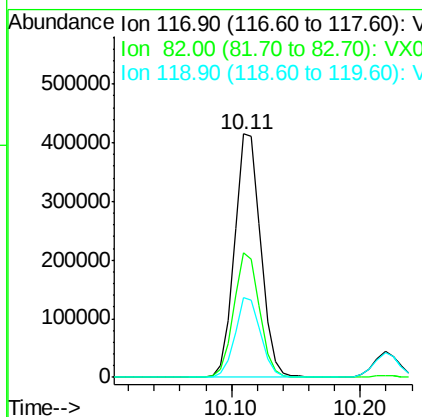
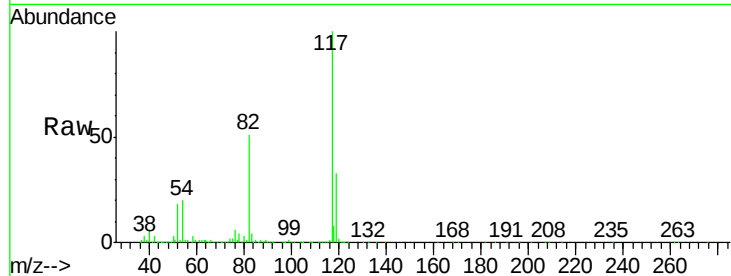
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	585569		
82	51.2	42.1	63.1	
119	32.9	26.5	39.7	

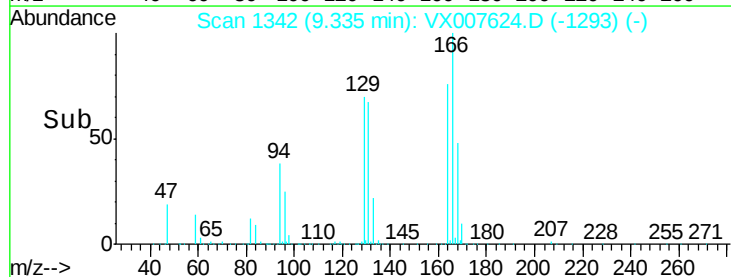
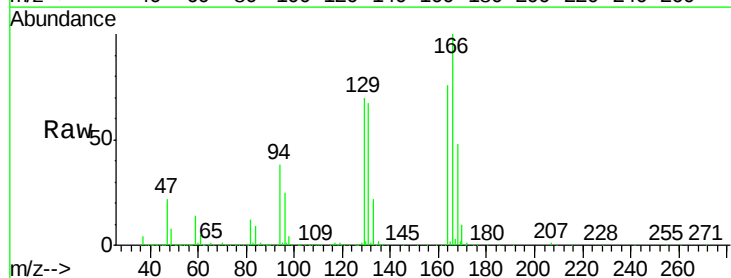
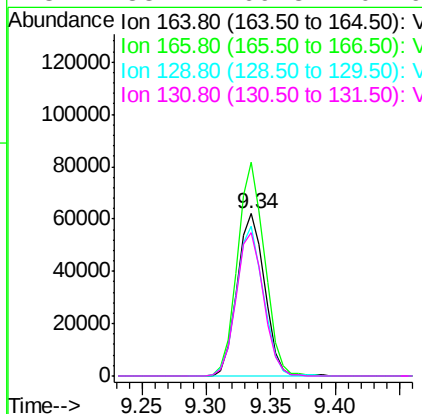
Manual Integrations
APPROVED

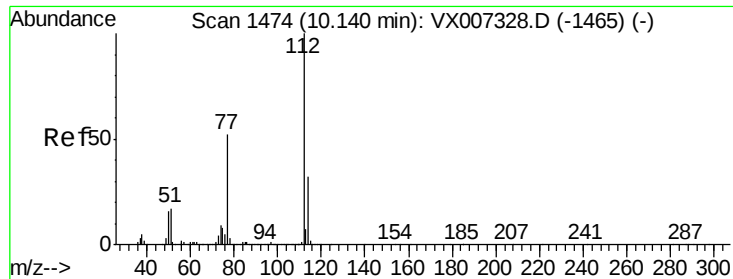
MMDadoda
2/22/2019 10:40:23 AM



#64
Tetrachloroethene
Concen: 16.652 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	91906		
166	131.6	101.0	151.4	
129	91.9	70.5	105.7	
131	88.2	69.8	104.6	





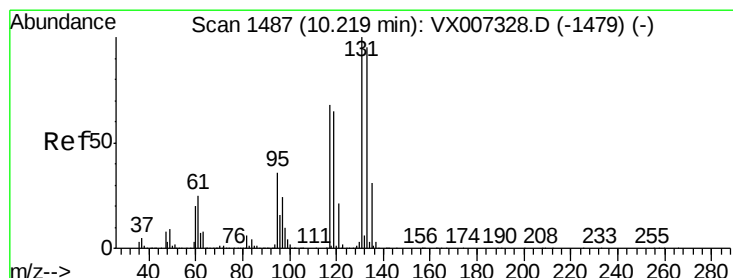
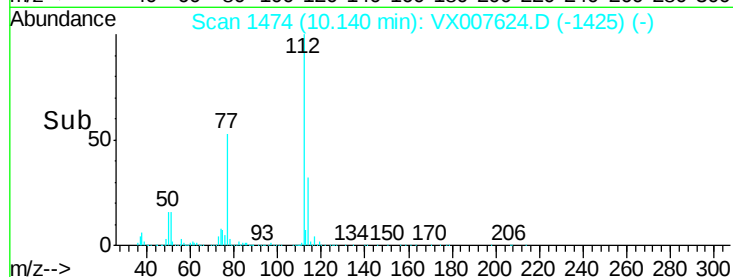
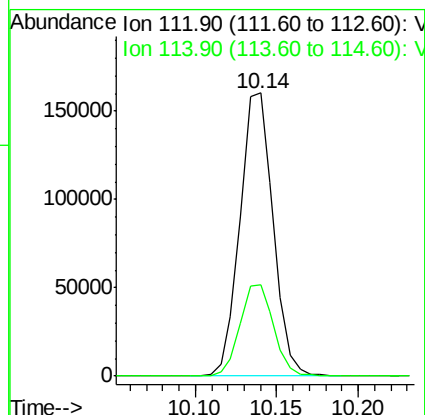
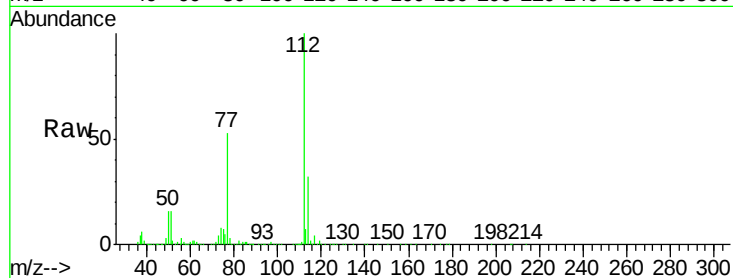
#65
Chlorobenzene
Concen: 17.808 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

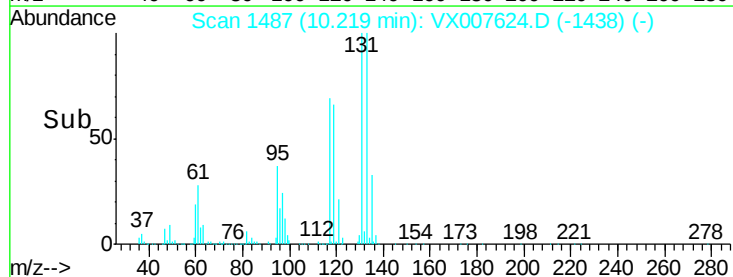
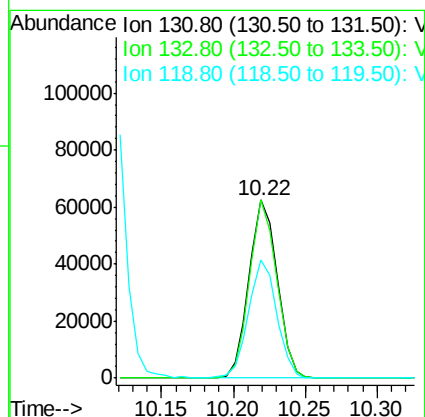
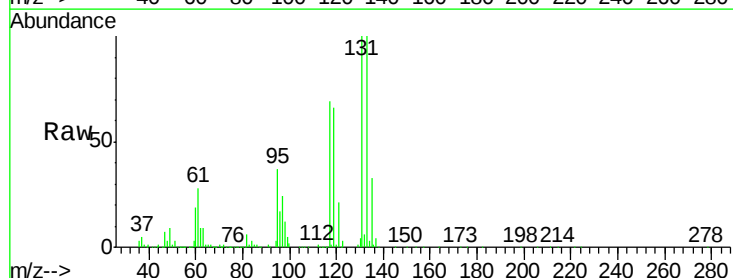
Manual Integrations
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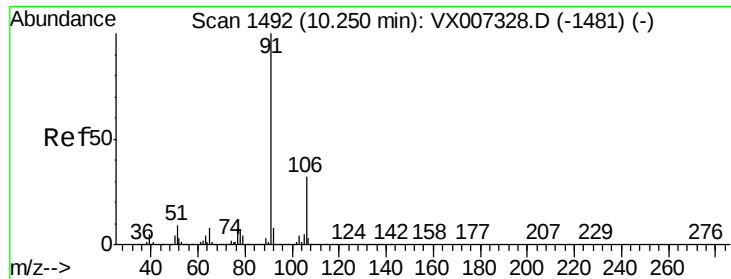
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.777 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.0	144.2
119	66.2	32.0	96.0





#67

Ethyl Benzene

Concen: 17.713 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 91 Resp: 364500

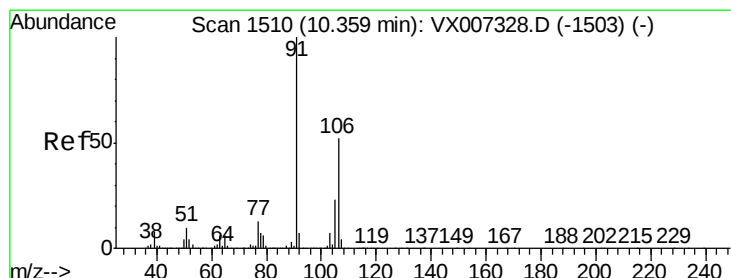
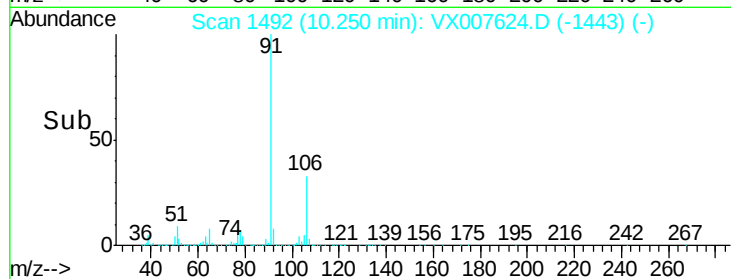
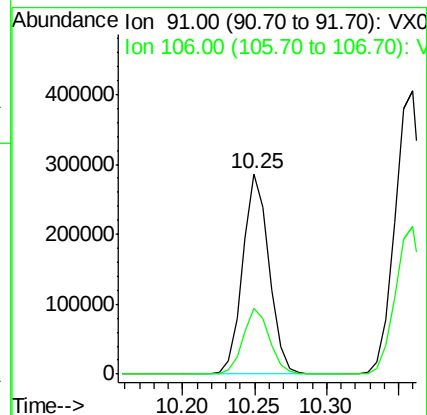
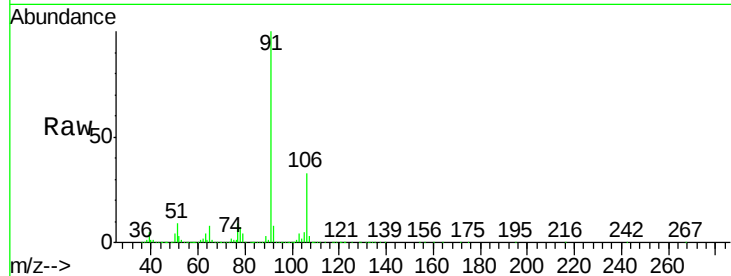
Ion Ratio Lower Upper

91 100

106 33.0 25.4 38.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 35.037 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007624.D

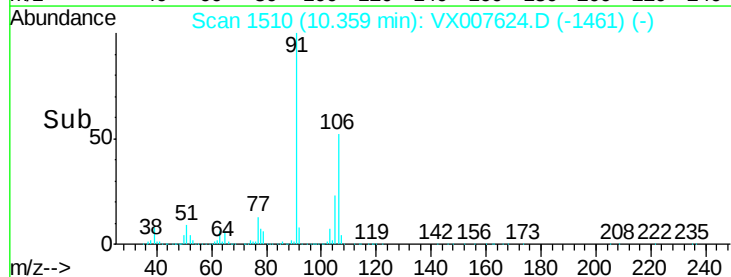
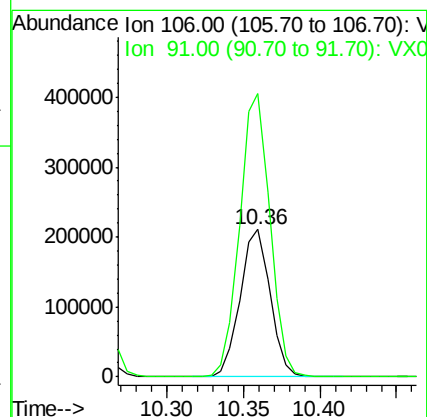
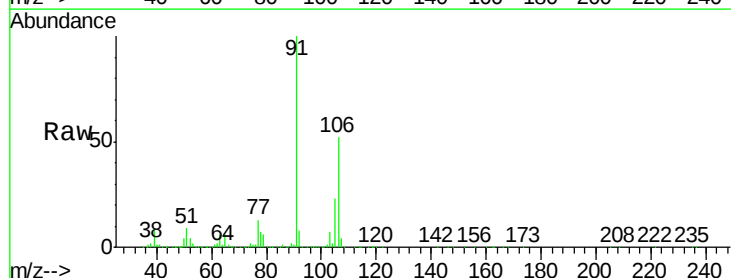
Acq: 21 Feb 2019 12:16

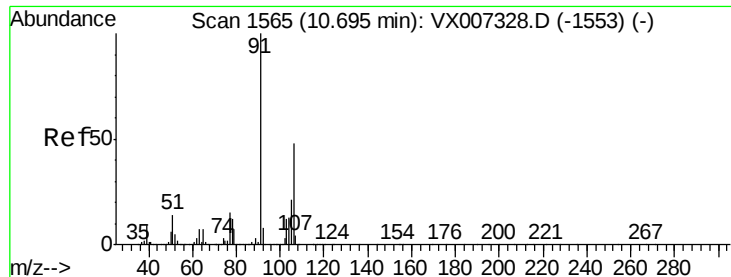
Tgt Ion: 106 Resp: 286598

Ion Ratio Lower Upper

106 100

91 193.7 156.6 234.8





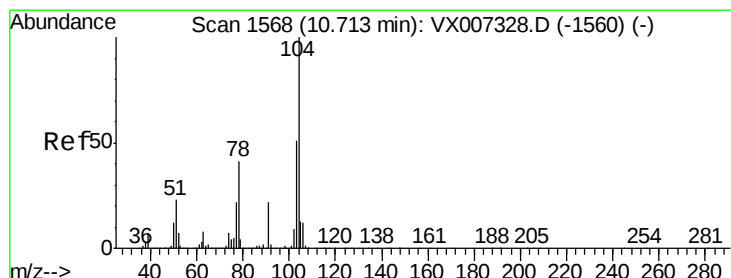
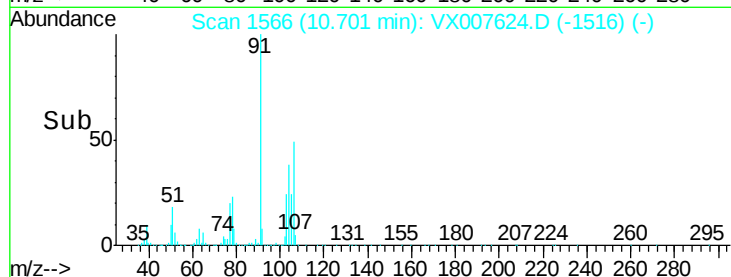
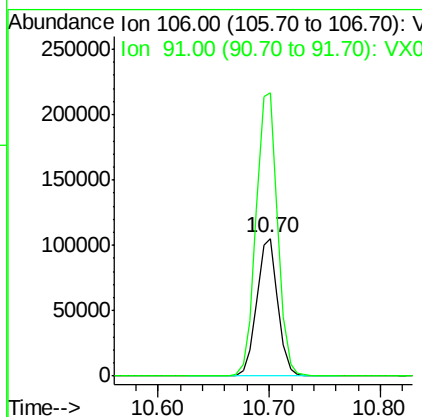
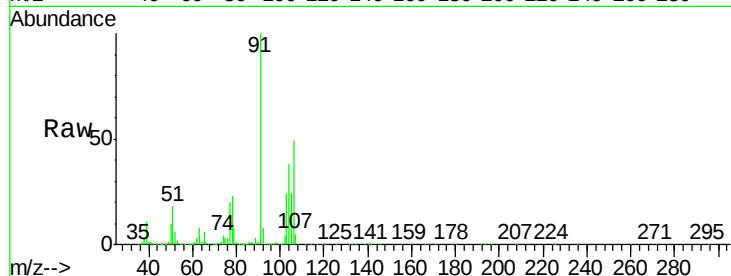
#69
o-Xylene
Concen: 17.669 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampled :
VX0221WBS01

Tot Ion:106 Resp: 139077
Ion Ratio Lower Upper
106 100
91 209.7 102.9 308.7

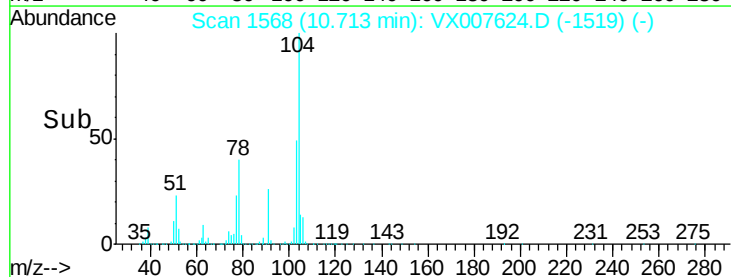
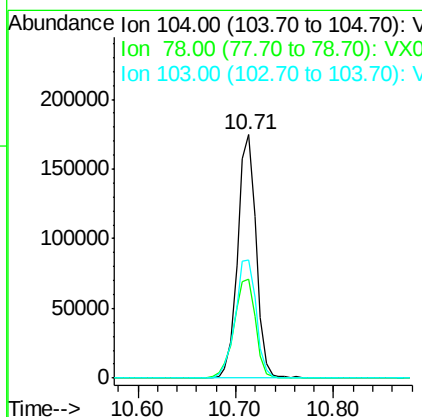
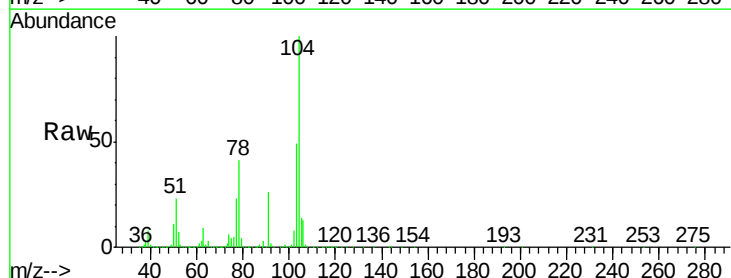
Manual Integrations
APPROVED

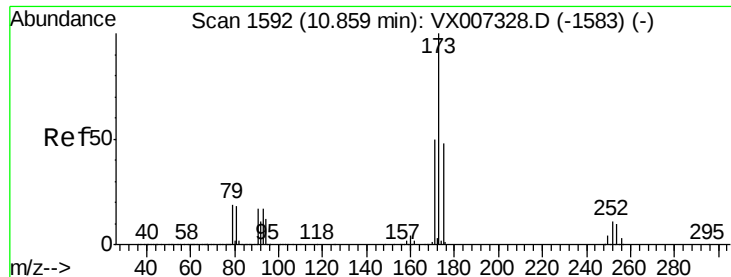
MMDadoda
2/22/2019 10:40:23 AM



#70
Styrene
Concen: 17.948 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion:104 Resp: 229104
Ion Ratio Lower Upper
104 100
78 47.5 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 19.623 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion:173 Resp: 63730

Ion Ratio Lower Upper

173 100

175 50.6 24.2 72.6

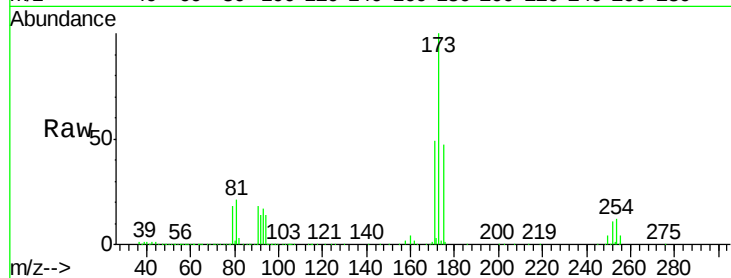
254 0.1 0.2 0.2#

Manual Integrations

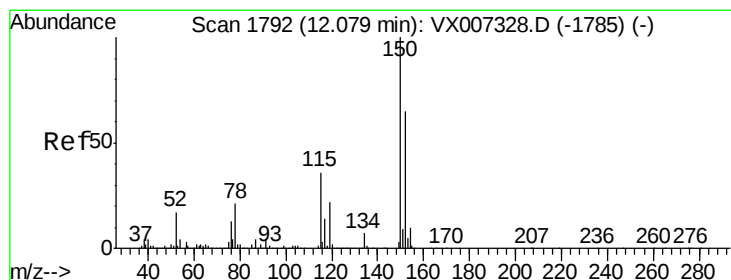
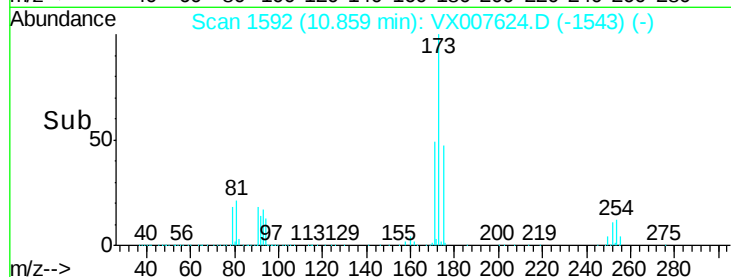
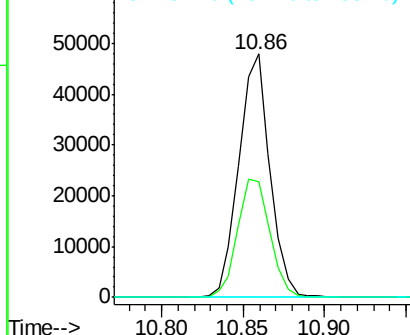
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

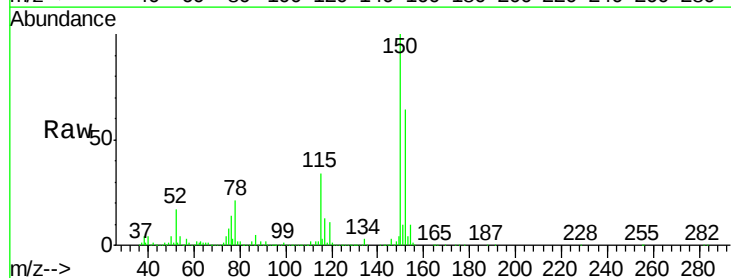
Tgt Ion:152 Resp: 292350

Ion Ratio Lower Upper

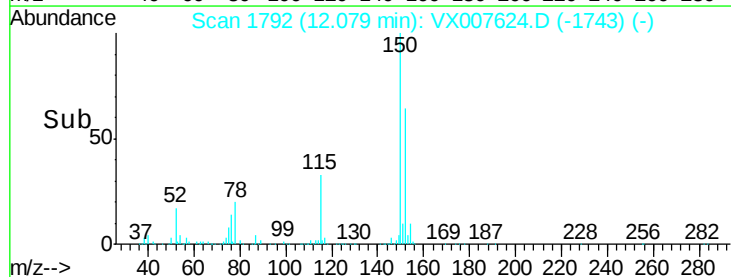
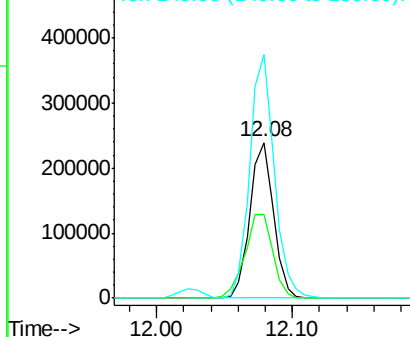
152 100

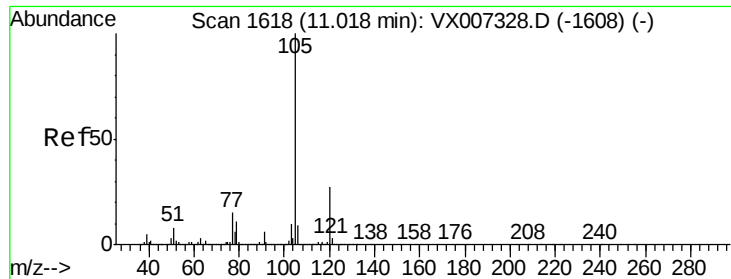
115 63.1 38.0 114.0

150 162.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.927 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion:105 Resp: 376014

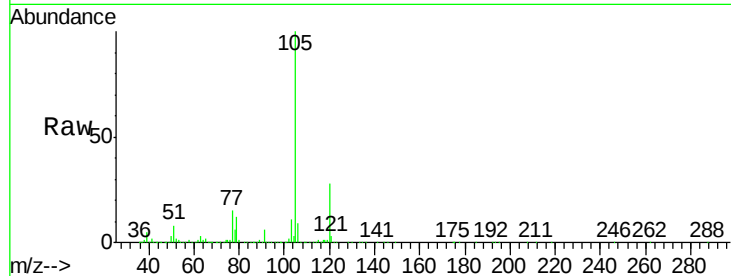
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7

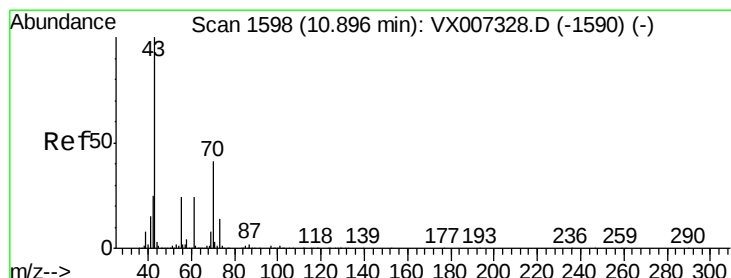
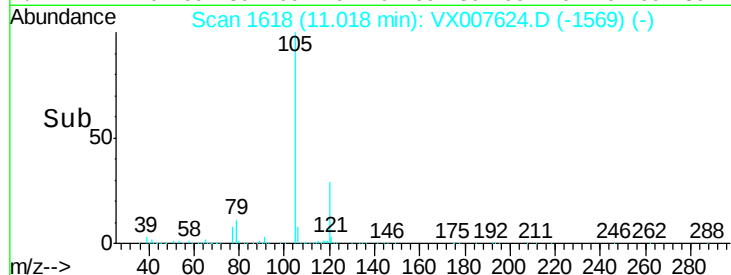
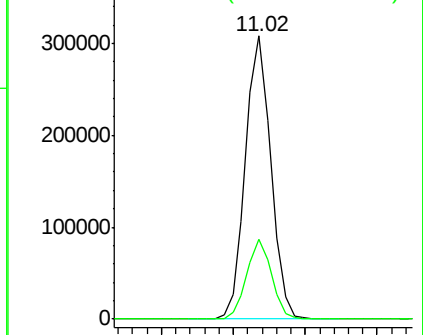
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.981 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion: 43 Resp: 153536

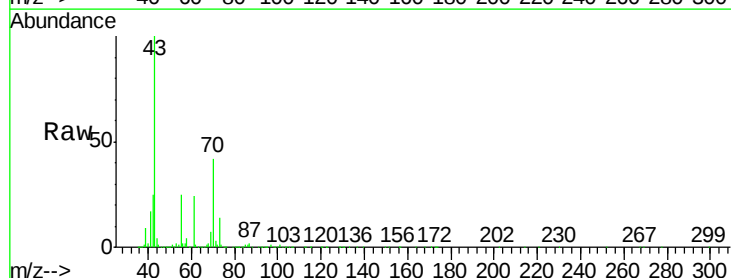
Ion Ratio Lower Upper

43 100

70 42.8 33.8 50.6

55 25.3 19.5 29.3

61 23.4 19.4 29.2

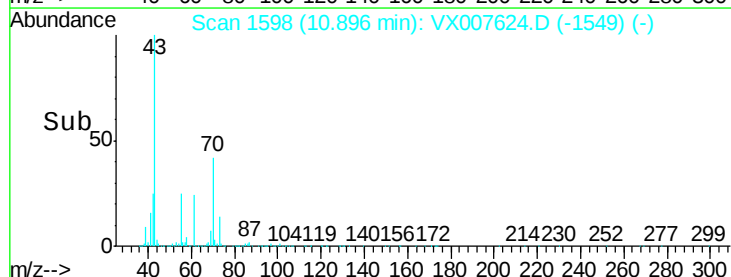
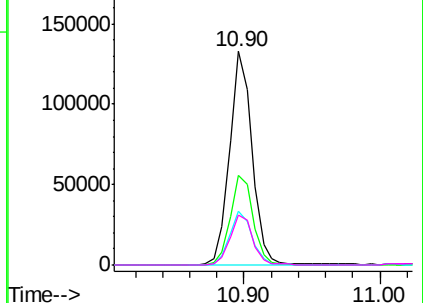


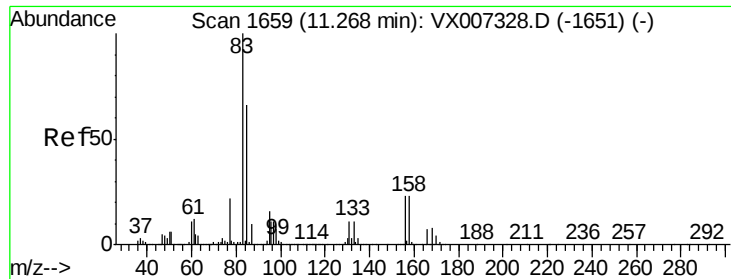
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.188 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

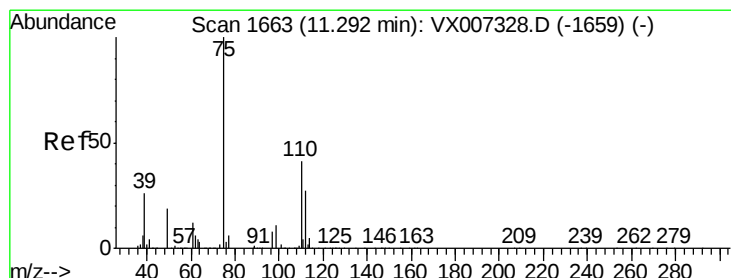
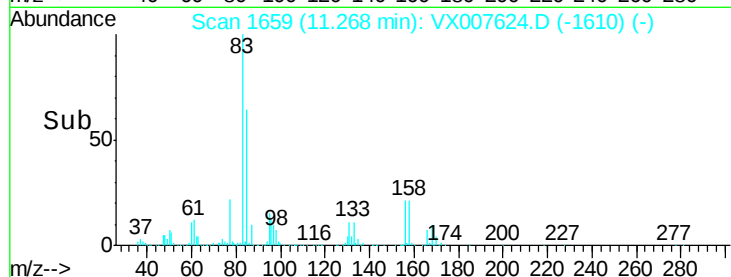
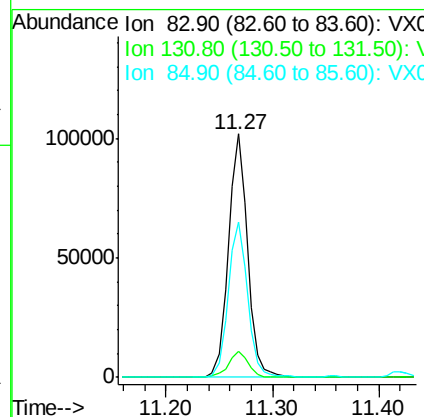
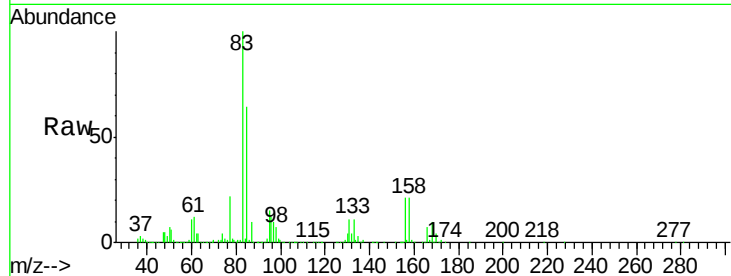
ClientSampled :

VX0221WBS01

Tot Ion:	83	Resp:	128287
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.8	32.8	98.3

Manual Integrations
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MMDadoda
2/22/2019 10:40:23 AM



#76

1,2,3-Trichloropropane

Concen: 21.064 ug/l m

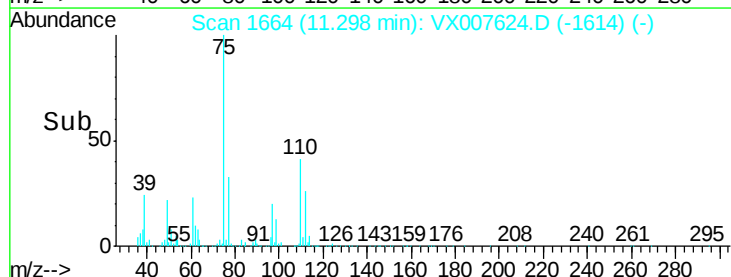
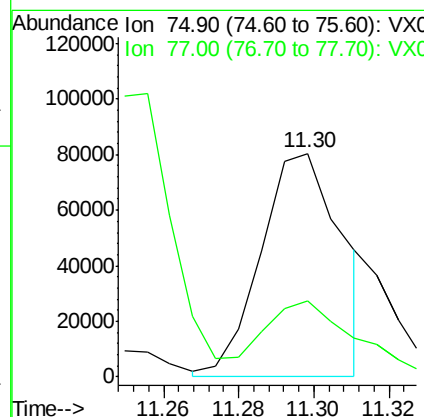
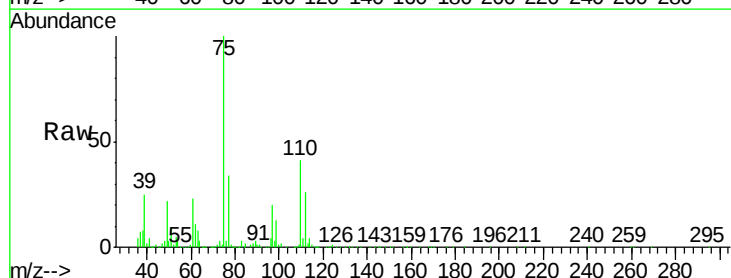
RT: 11.30 min Scan# 1664

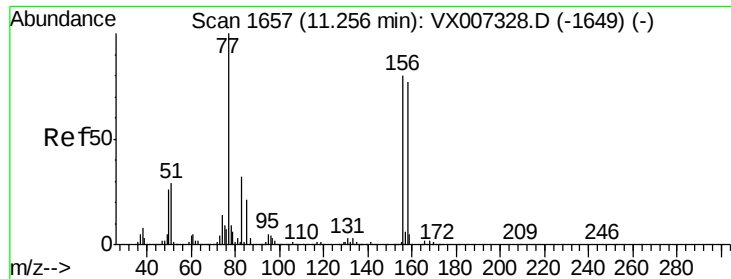
Delta R.T. 0.01 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	75	Resp:	119781
Ion Ratio	Lower	Upper	
75	100		
77	39.5	23.0	69.0





#77

Bromobenzene

Concen: 18.516 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

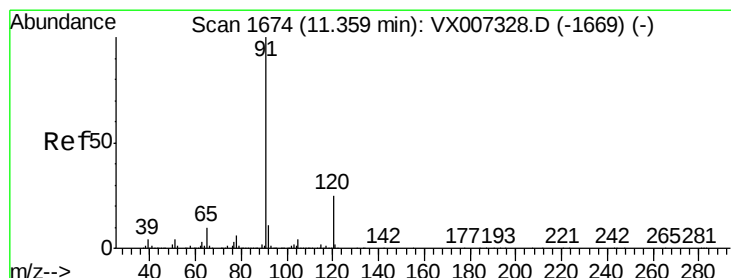
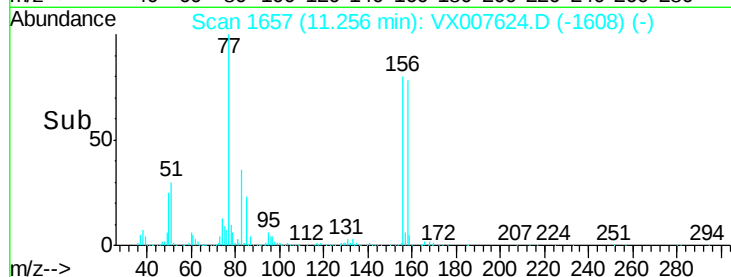
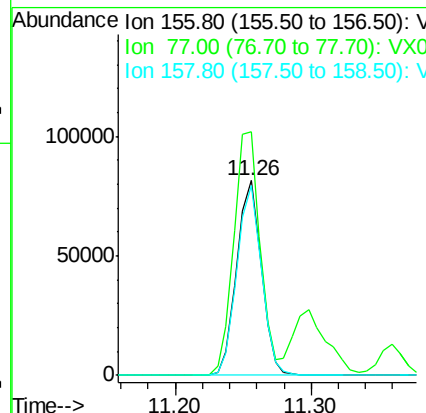
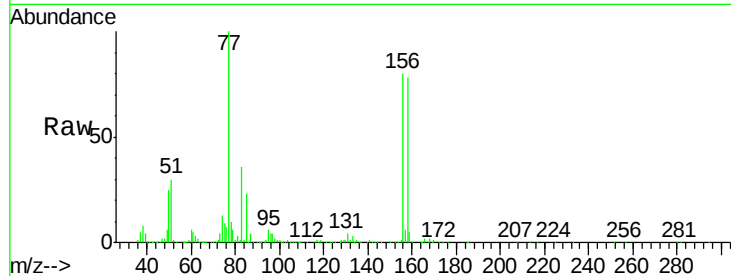
ClientSampleId :

VX0221WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.4	66.8	200.6
158	97.2	47.9	143.8

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#78

n-propylbenzene

Concen: 18.918 ug/l

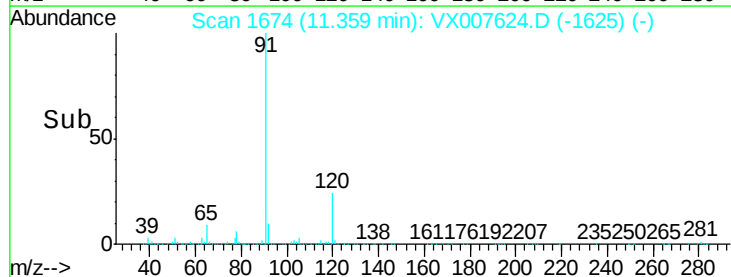
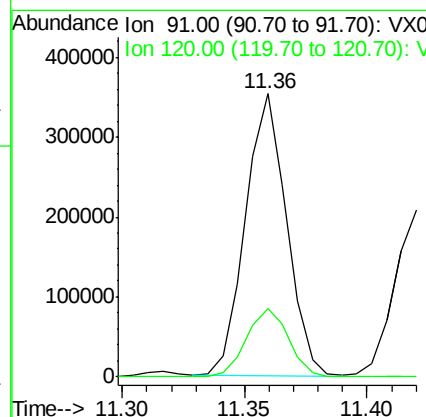
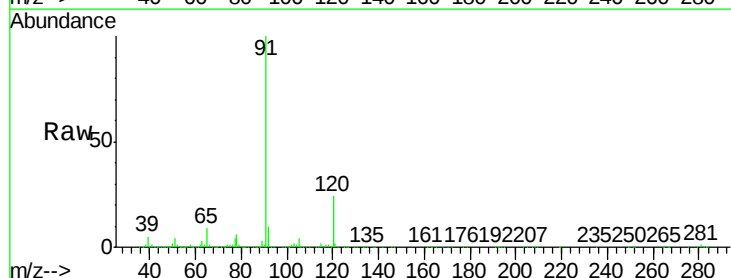
RT: 11.36 min Scan# 1674

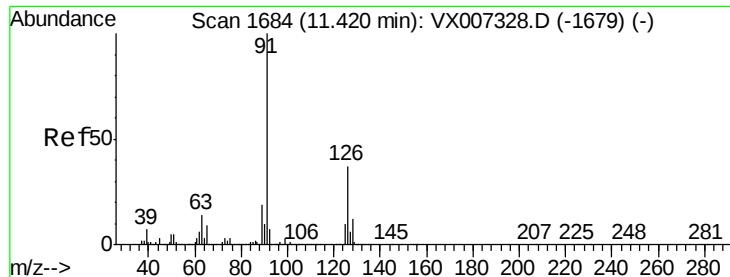
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 18.761 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 91 Resp: 247999

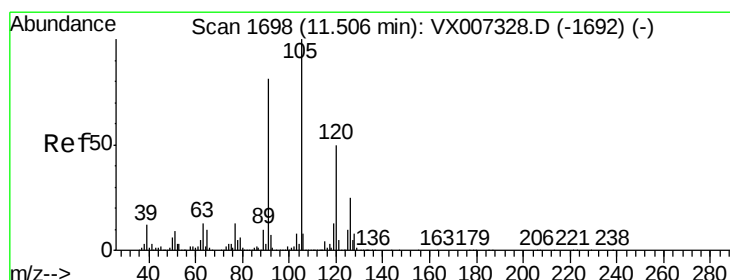
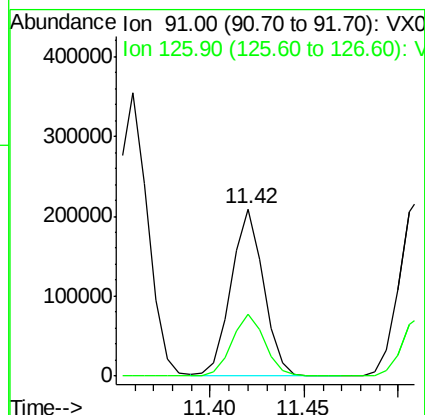
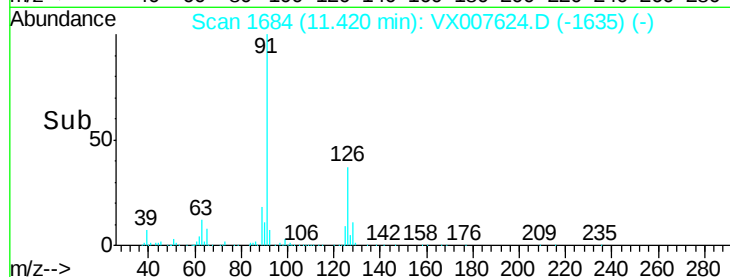
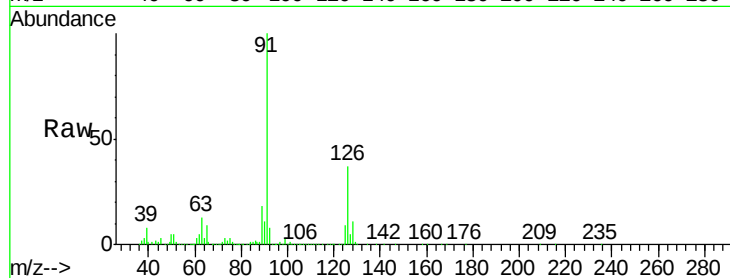
Ion Ratio Lower Upper

91 100

126 37.7 18.7 56.1

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.741 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007624.D

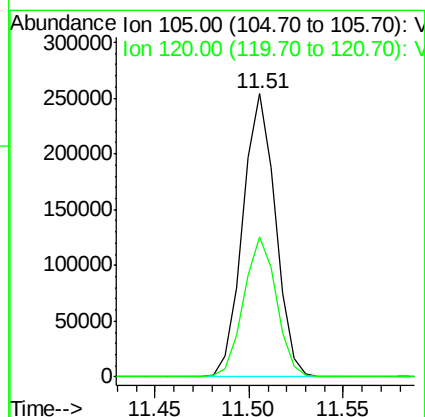
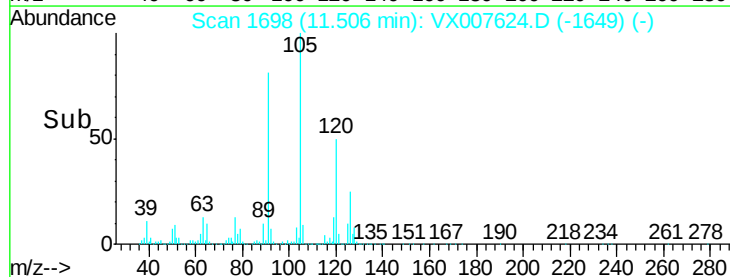
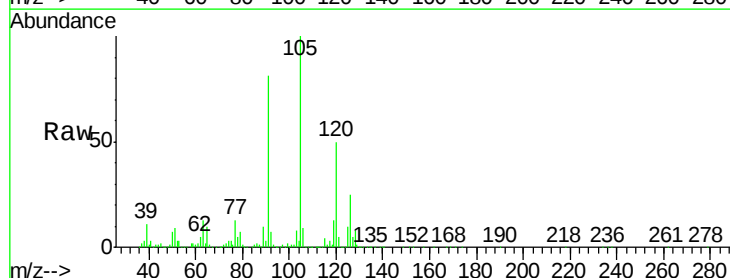
Acq: 21 Feb 2019 12:16

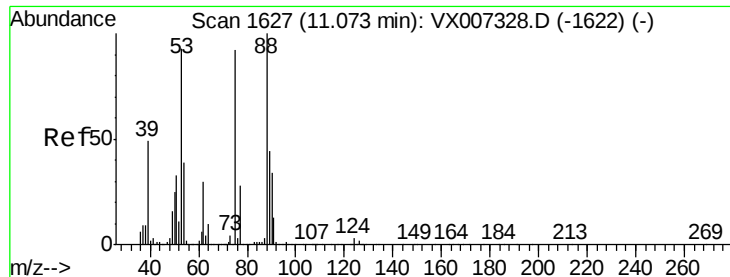
Tgt Ion: 105 Resp: 304604

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





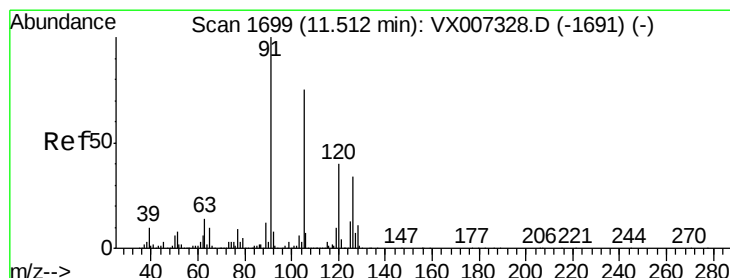
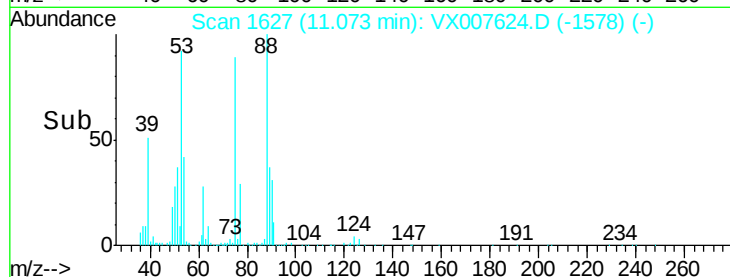
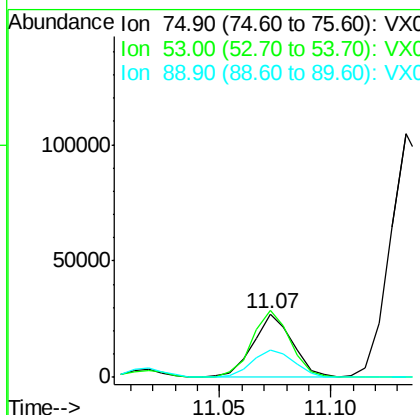
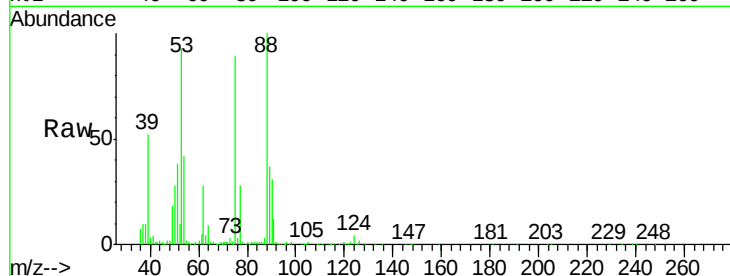
#81
trans-1,4-Dichloro-2-butene
Concen: 20.730 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.1	81.0	121.6
89	47.7	41.4	62.0

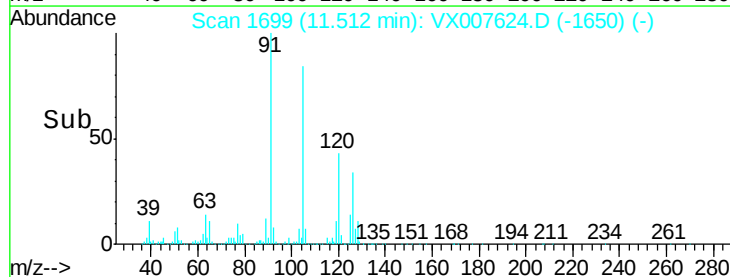
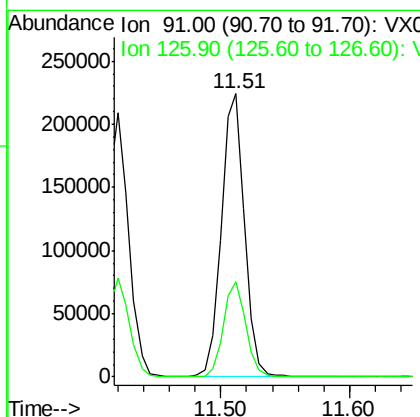
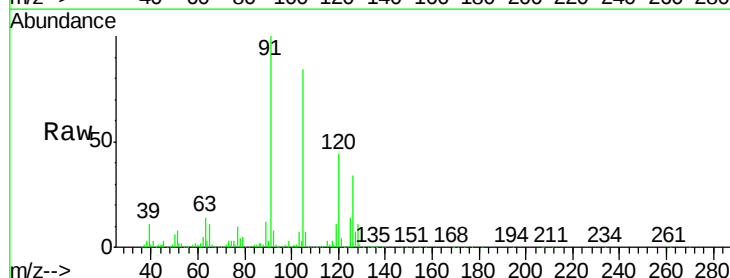
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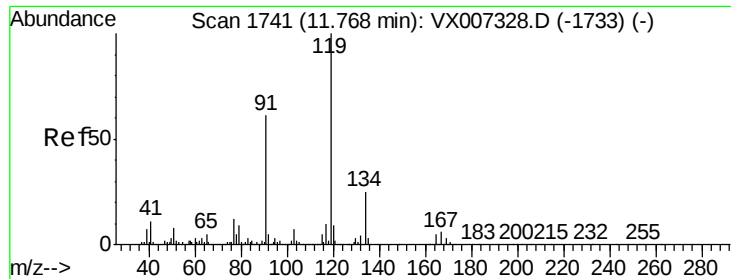
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#82
4-Chlorotoluene
Concen: 18.410 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 19.675 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

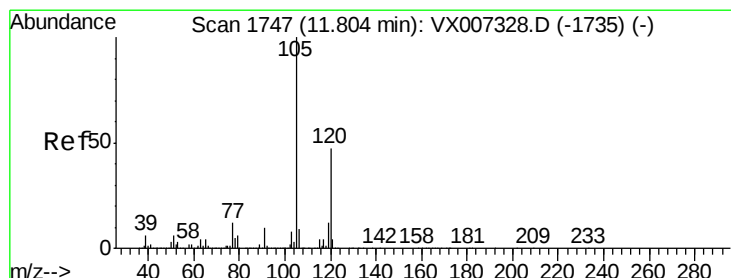
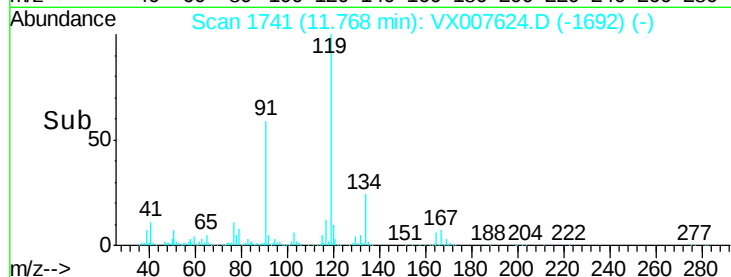
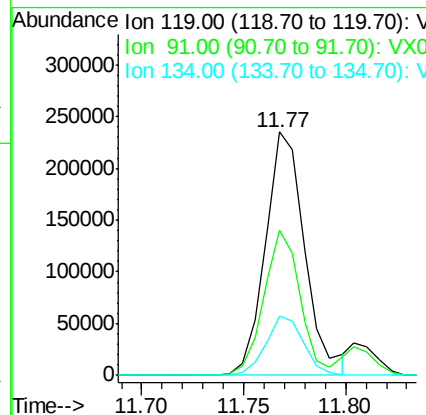
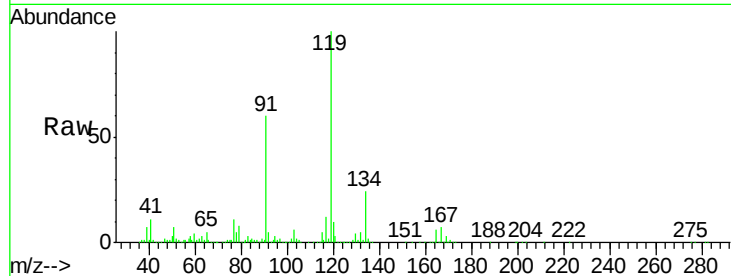
ClientSampleId :

VX0221WBS01

Tot Ion:	119	Resp:	316612
Ion Ratio	Lower	Upper	
119	100		
91	54.7	28.5	85.6
134	23.2	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.104 ug/l

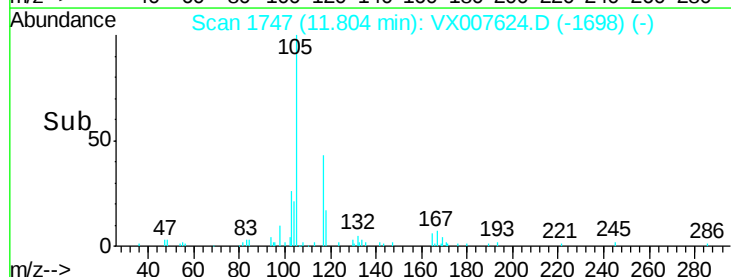
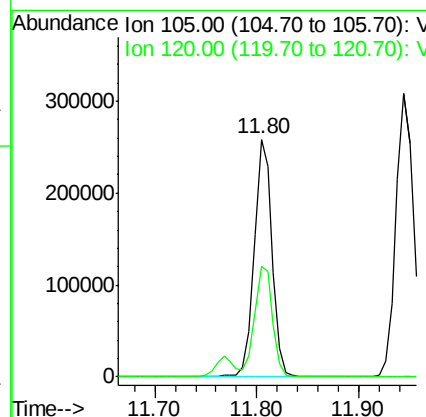
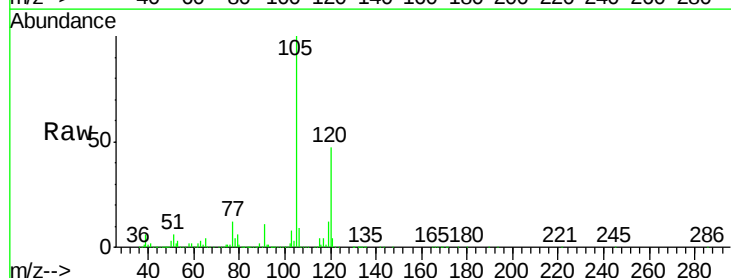
RT: 11.80 min Scan# 1747

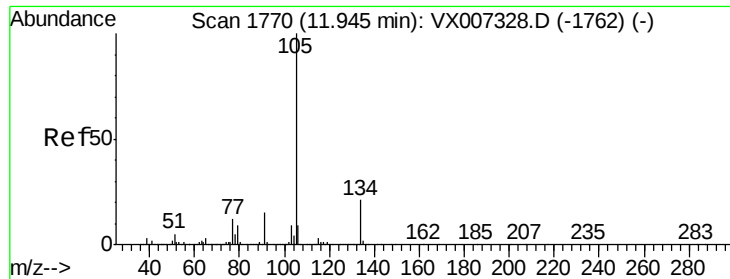
Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	105	Resp:	315237
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.084 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion:105 Resp: 371692

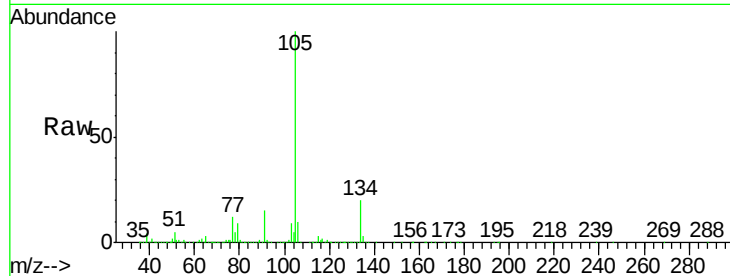
Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8

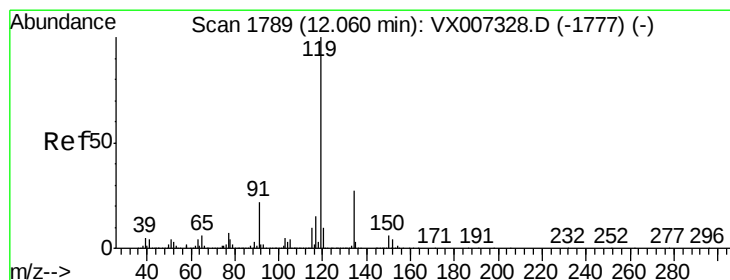
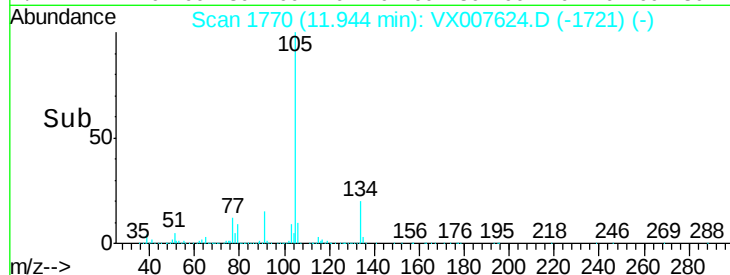
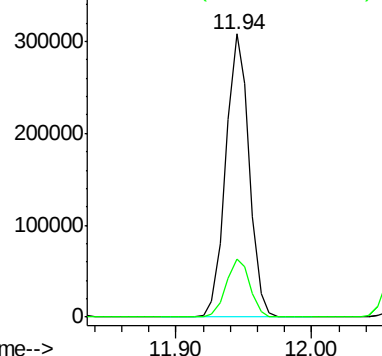
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.633 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

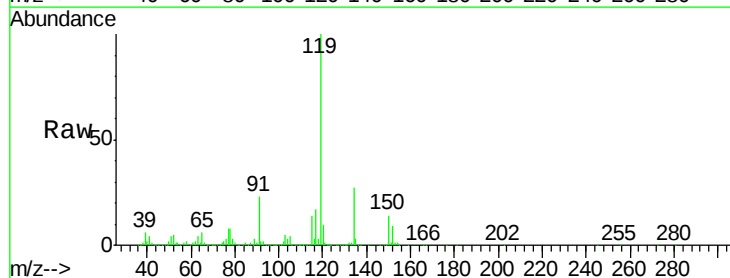
Tgt Ion:119 Resp: 327592

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

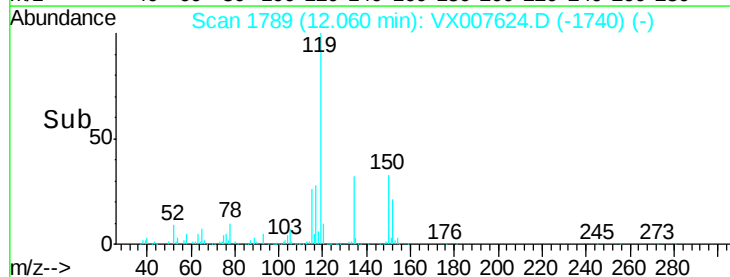
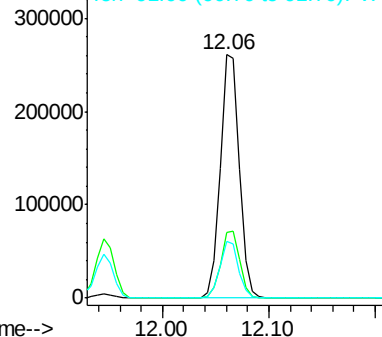
91 22.6 11.2 33.5

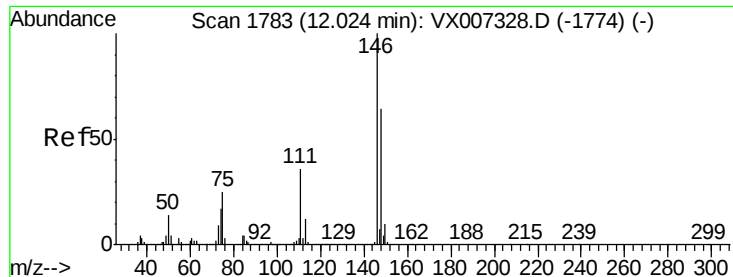


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





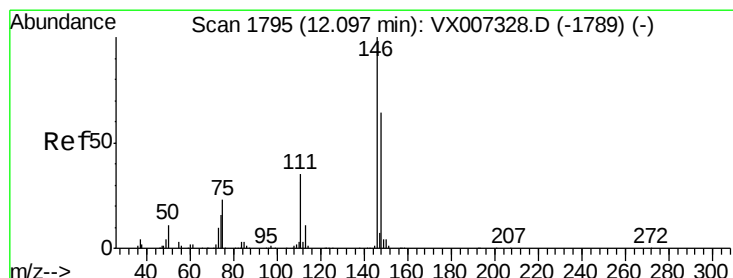
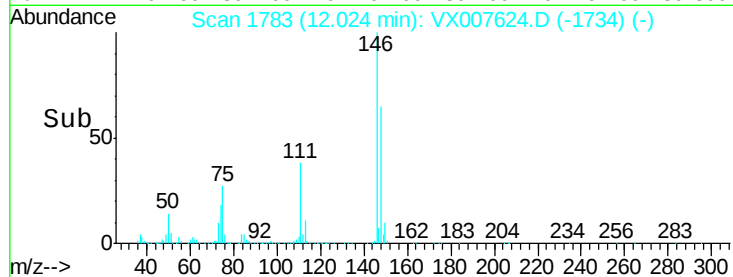
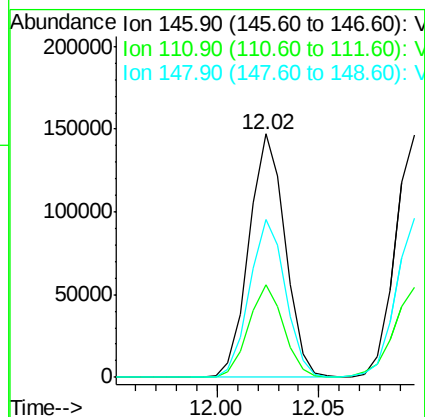
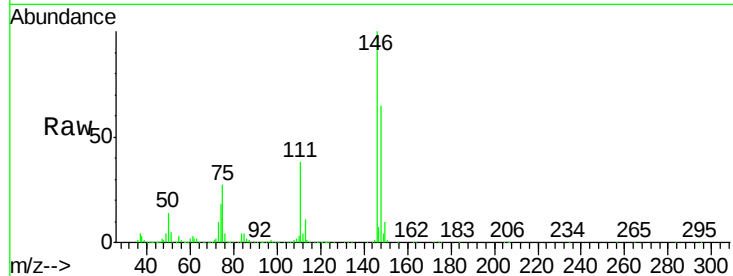
#87
 1,3-Dichlorobenzene
 Concen: 18.071 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.6	32.0	96.2

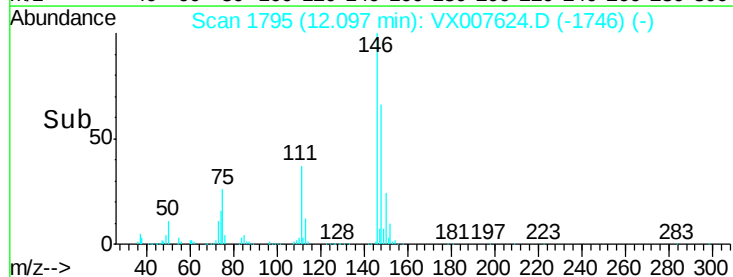
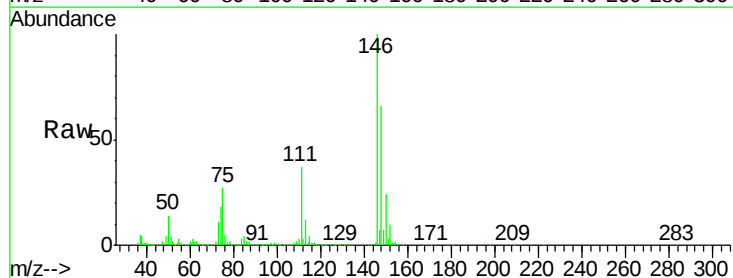
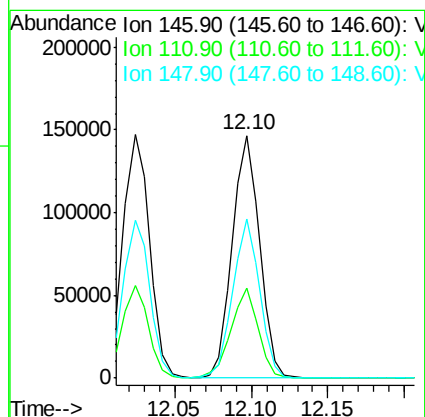
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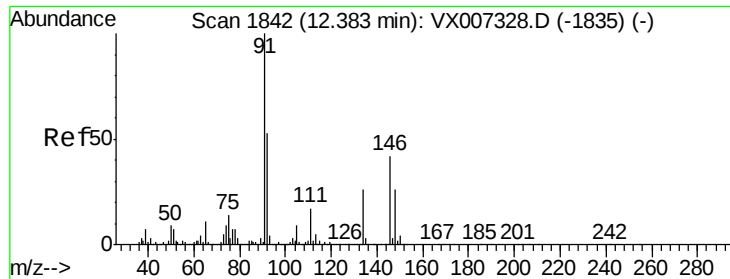
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#88
 1,4-Dichlorobenzene
 Concen: 17.789 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.8	32.3	96.9





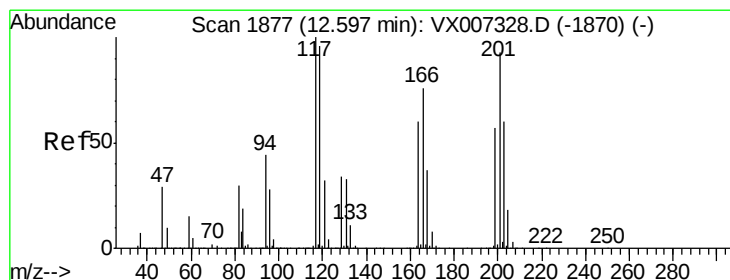
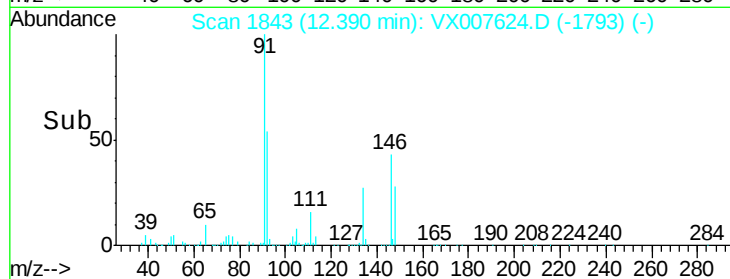
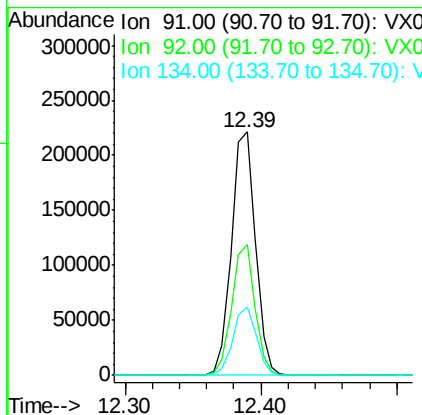
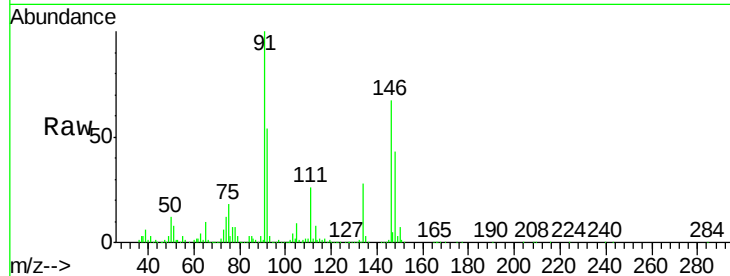
#89
n-Butylbenzene
Concen: 17.913 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.3	78.9
134	27.7	13.9	41.6

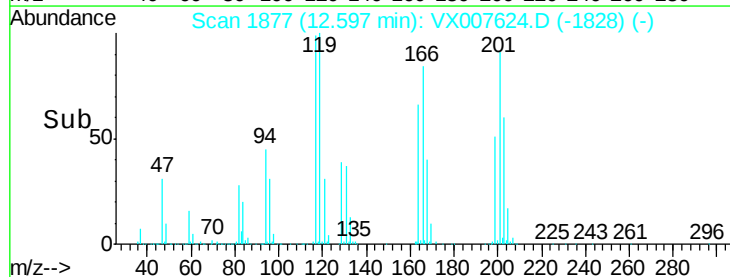
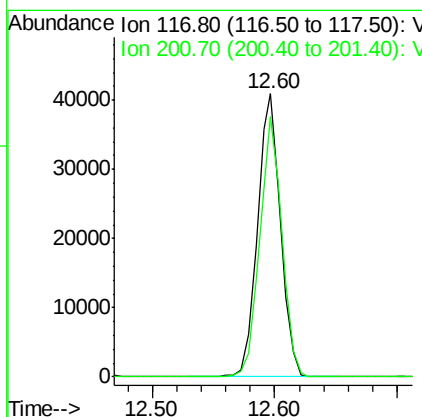
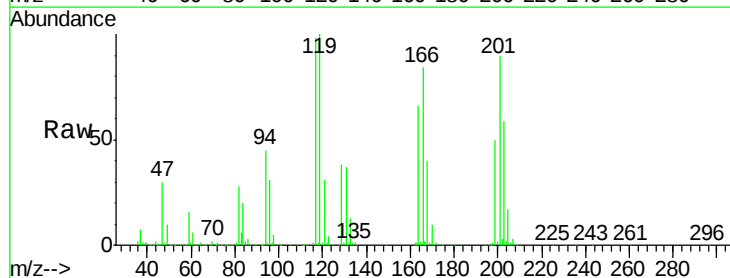
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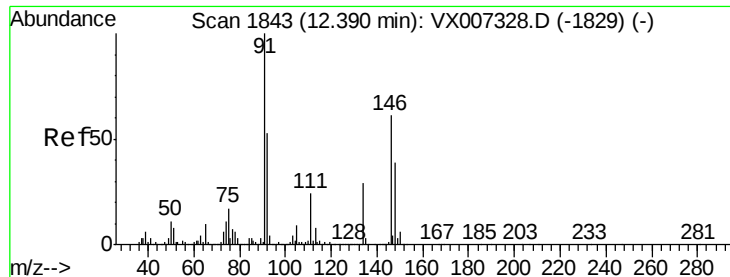
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#90
Hexachloroethane
Concen: 20.434 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.9	134.7





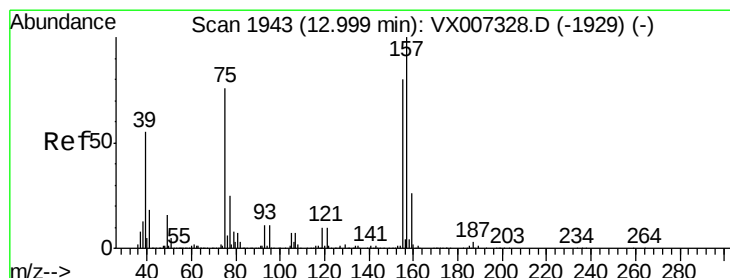
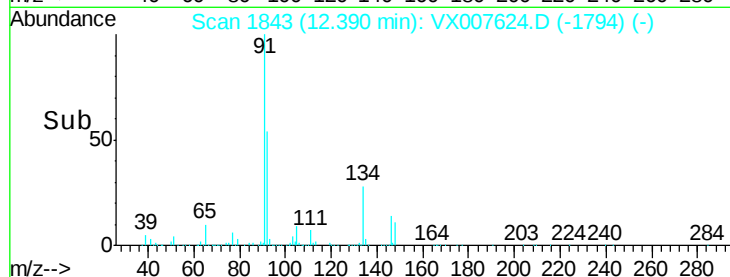
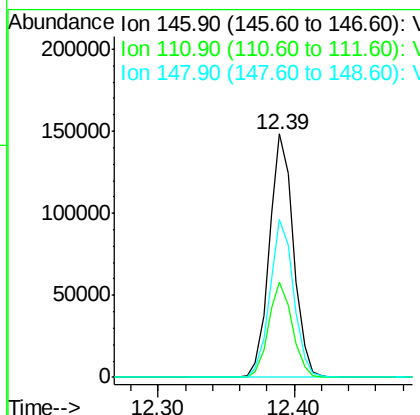
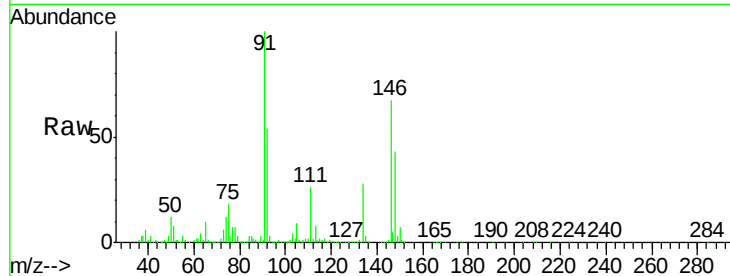
#91
1,2-Dichlorobenzene
Concen: 18.335 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	64.4	32.1	96.3

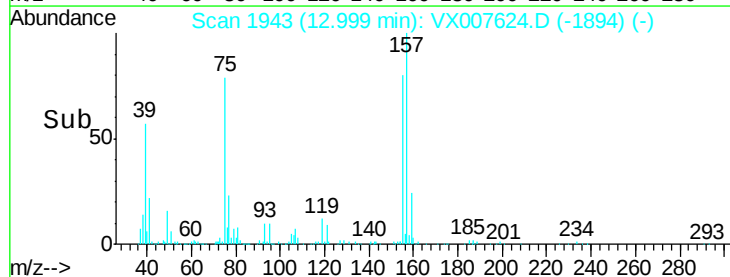
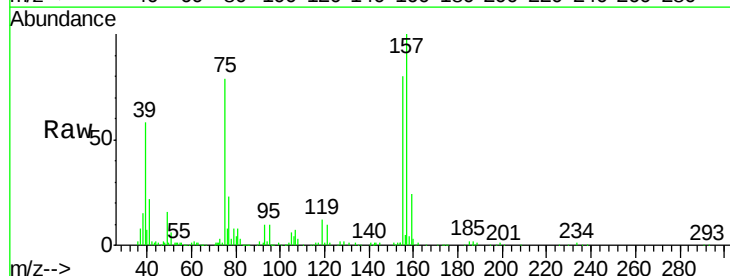
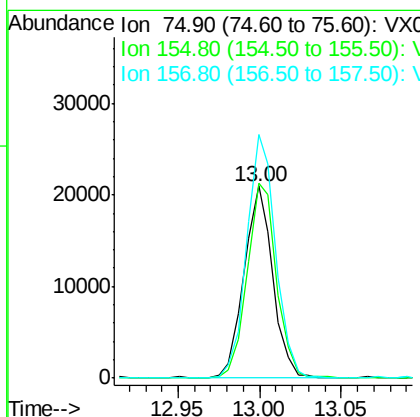
Manual Integrations
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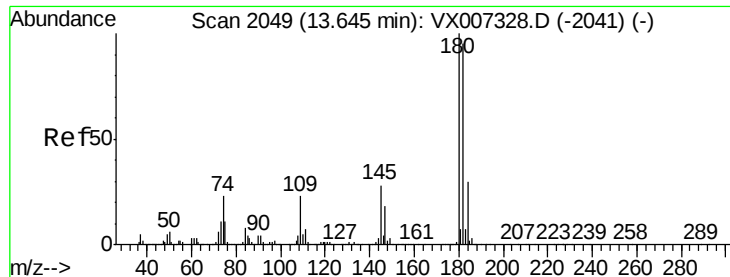
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.521 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX007624.D
Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.6	49.6	149.0
157	126.9	65.1	195.3





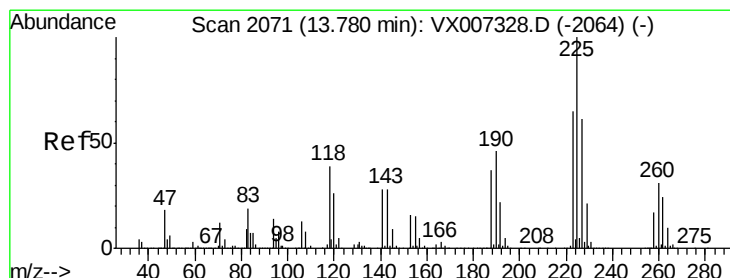
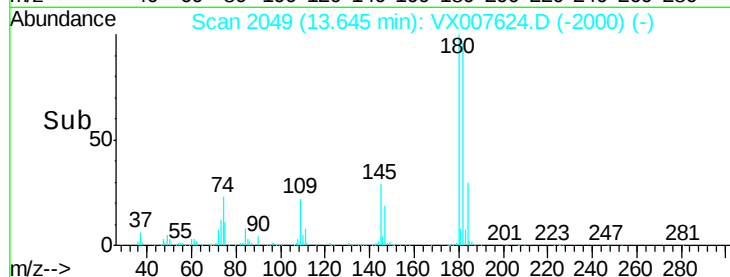
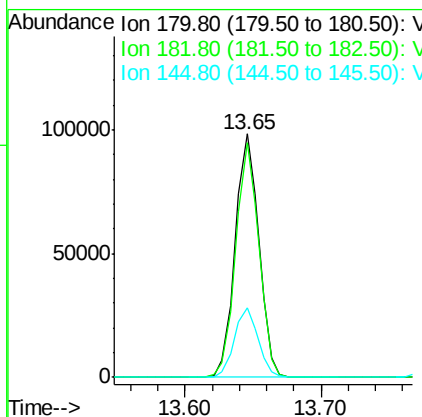
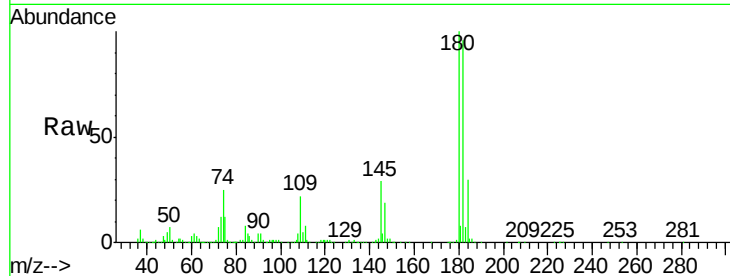
#93
 1,2,4-Trichlorobenzene
 Concen: 17.660 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119065		
182	94.4	47.8	143.3	
145	29.1	14.1	42.2	

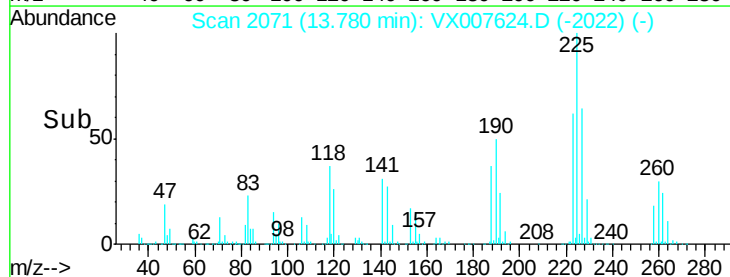
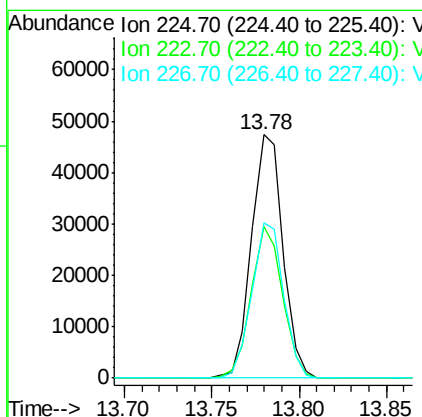
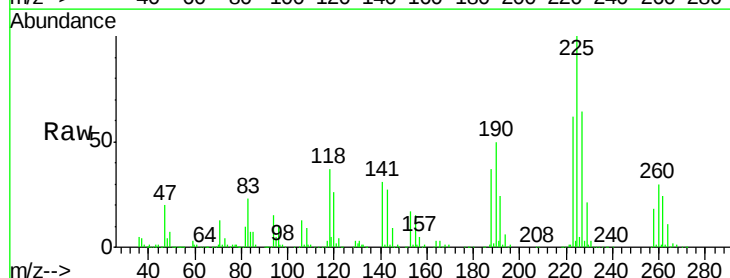
Manual Integrations
 APPROVED

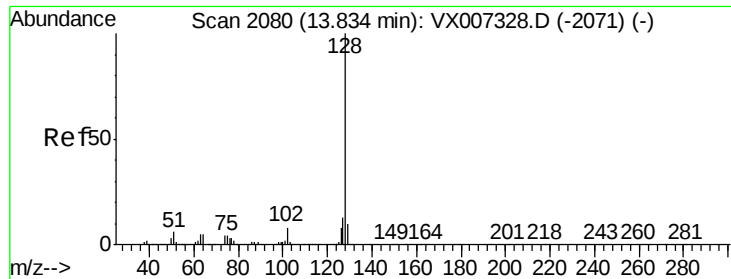
MMDadoda
 2/22/2019 10:40:23 AM



#94
 Hexachlorobutadiene
 Concen: 18.021 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007624.D
 Acq: 21 Feb 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58997		
223	62.4	31.6	94.8	
227	64.4	32.1	96.3	





#95

Naphthalene

Concen: 18.790 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Instrument :

MSVOA_X

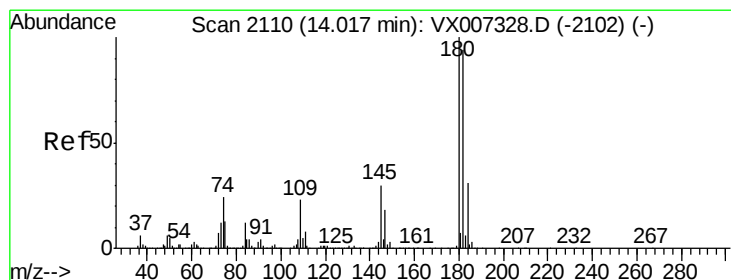
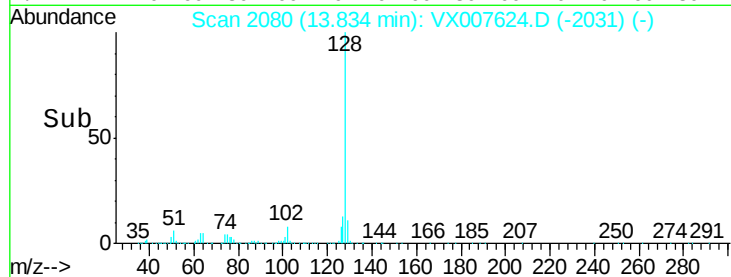
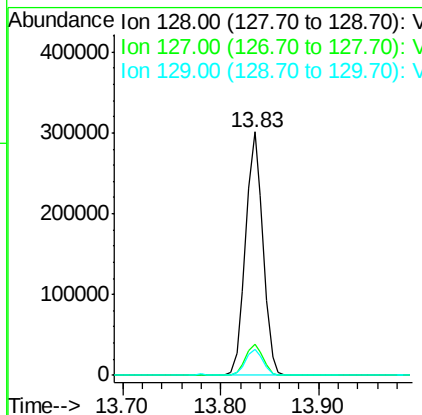
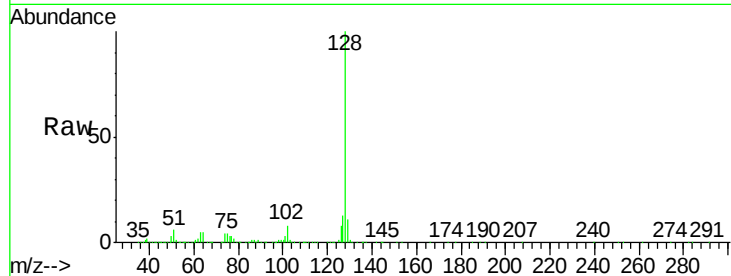
ClientSampleId :

VX0221WBS01

Tot Ion:	128	Resp:	370466
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/22/2019 10:40:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.242 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007624.D

Acq: 21 Feb 2019 12:16

Tgt Ion:	180	Resp:	123804
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.5	142.6
145	30.5	14.9	44.5

