

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008681.D
 Acq On : 05 Apr 2019 13:41
 Operator : JC/SP
 Sample : VX0405WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0405WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:30 AM

Quant Time: Apr 06 01:43:56 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Mar 27 12:01:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	29276	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	170198	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	150826	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	73570	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.13	95	77992	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	8.71	98	216393	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	36524	18.245 ug/l	98
3) Chloromethane	1.32	50	49724	18.958 ug/l	96
4) Vinyl Chloride	1.40	62	47737	18.056 ug/l	98
5) Bromomethane	1.64	94	20497	14.963 ug/l	99
6) Chloroethane	1.72	64	29807	17.226 ug/l	99
7) Trichlorofluoromethane	1.93	101	54049	18.419 ug/l	94
8) Diethyl Ether	2.18	74	26254	18.972 ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35401	19.372 ug/l	93
10) 1,1-Dichloroethene	2.37	96	35875	19.351 ug/l #	81
11) Methyl Iodide	2.51	142	18063	9.409 ug/l	95
12) Methyl Acetate	3.20	43	30275	20.148 ug/l	92
13) Acrolein	2.29	56	47506	110.205 ug/l	98
14) Acrylonitrile	3.14	53	146439	105.412 ug/l	99
15) Acetone	2.44	58	44803	104.583 ug/l	90
16) Carbon Disulfide	2.57	76	104626	18.142 ug/l	99
17) Allyl chloride	2.73	41	83616	20.068 ug/l	92
18) Methylene Chloride	2.85	84	46468	20.968 ug/l #	84
19) trans-1,2-Dichloroethene	3.17	96	38303	19.338 ug/l	88
20) Diisopropyl ether	3.85	45	166191	20.493 ug/l #	87
21) 1,1-Dichloroethane	3.70	63	81352	19.985 ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	45603	19.924 ug/l #	81
23) tert-Butyl Alcohol	3.04	59	53494	95.360 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	135172	19.839 ug/l	98
25) Chloroform	5.21	83	72775	19.737 ug/l	98
26) Cyclohexane	5.58	56	76111	19.246 ug/l #	83
29) 1,1-Dichloropropene	5.80	75	56226	19.637 ug/l	93
30) 2-Butanone	4.67	43	220134	104.550 ug/l	94
31) 2,2-Dichloropropane	4.59	77	56906	19.899 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	57576	19.364 ug/l #	95
33) Carbon Tetrachloride	5.79	117	47769	19.202 ug/l	98
34) Benzene	6.14	78	174210	19.904 ug/l #	97
35) Methacrylonitrile	5.04	41	45216	21.117 ug/l	91
36) 1,2-Dichloroethane	6.19	62	62024	19.876 ug/l	97
37) Trichloroethene	7.21	130	40044	19.894 ug/l	82
38) Methylcyclohexane	7.46	83	68459	18.974 ug/l	88
39) 1,2-Dichloropropane	7.51	63	49733	20.033 ug/l	98
40) Dibromomethane	7.66	93	28612	19.896 ug/l	91

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Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:30 AM

Quant Time: Apr 06 01:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	54435	19.251	ug/l	97
42) Vinyl Acetate	3.81	43	734563	102.914	ug/l #	93
43) Ethyl Acetate	4.84	43	79938	21.094	ug/l #	82
44) Isopropyl Acetate	6.45	43	123727	20.191	ug/l	98
45) 1,4-Dioxane	7.74	88	21770	356.875	ug/l #	84
46) Methyl methacrylate	7.77	41	63176	20.299	ug/l	85
47) n-amyl Acetate	10.90	43	112283	20.172	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	60276	18.872	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	69569	19.474	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	41932	19.637	ug/l	97
51) Ethyl methacrylate	9.18	69	77383	19.474	ug/l	91
52) 1,3-Dichloropropane	9.37	76	76068	20.023	ug/l	100
53) Dibromochloromethane	9.58	129	40103	19.085	ug/l	99
54) 1,2-Dibromoethane	9.67	107	42924	19.500	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	202092	100.810	ug/l	95
56) Bromoform	10.85	173	28134	18.371	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	418331	105.133	ug/l #	94
59) 2-Hexanone	9.49	43	325049	103.399	ug/l	97
61) Tetrachloroethene	9.34	164	35724	21.654	ug/l	97
62) Toluene	8.78	91	181799	19.908	ug/l	99
64) Chlorobenzene	10.14	112	106147	19.838	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	37200	19.719	ug/l	98
66) Ethyl Benzene	10.25	91	200176	19.749	ug/l	96
67) m/p-Xylenes	10.36	106	144641	39.124	ug/l	92
68) o-Xylene	10.70	106	70855	19.585	ug/l	92
69) Styrene	10.71	104	122225	19.416	ug/l	96
70) Isopropylbenzene	11.02	105	186908	19.586	ug/l	94
71) 1,1,2,2-Tetrachloroethane	11.27	83	71066	19.934	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	69914m	23.200	ug/l	
73) Bromobenzene	11.26	156	45176	19.897	ug/l	79
74) n-propylbenzene	11.36	91	217878	19.164	ug/l	95
75) 2-Chlorotoluene	11.42	91	130963	19.362	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	156814	19.220	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	20920	18.098	ug/l	93
78) 4-Chlorotoluene	11.51	91	146865	18.866	ug/l	92
79) tert-butylbenzene	12.06	119	161206	19.334	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	157609	19.374	ug/l	96
81) sec-Butylbenzene	11.94	105	179608	19.267	ug/l	96
82) p-Isopropyltoluene	12.06	119	161206	19.334	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	78383	19.446	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	78339	19.448	ug/l	97
85) n-Butylbenzene	12.38	91	148428	18.736	ug/l	97
86) Hexachloroethane	12.59	117	25553	18.342	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	80597	19.844	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15473	19.582	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.65	180	56185	20.055	ug/l	99
90) Hexachlorobutadiene	13.78	225	26947	19.965	ug/l	98
91) Naphthalene	13.83	128	192877	20.094	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56990	20.194	ug/l	99

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ClientSampleId :
VX0405WBSD01

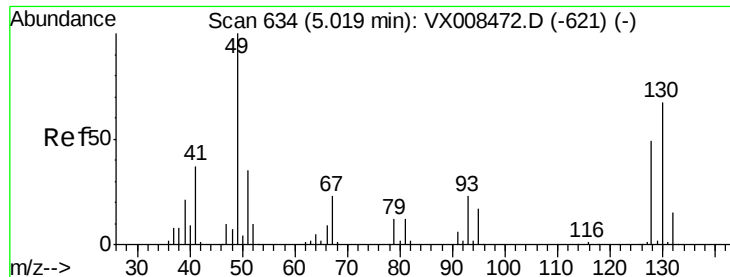
Manual Integrations
APPROVED

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4/8/2019 9:49:30 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
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QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

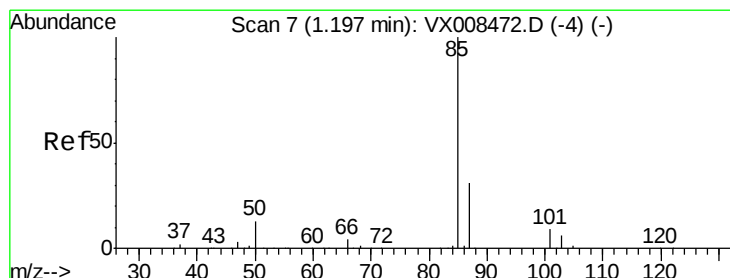
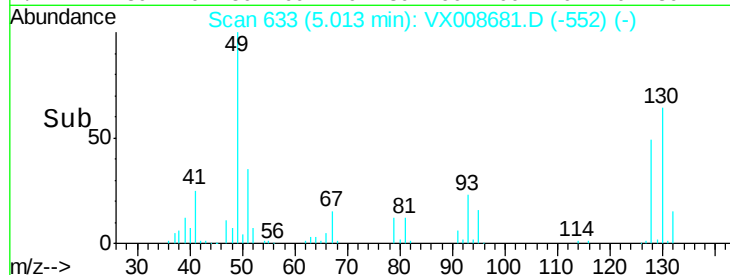
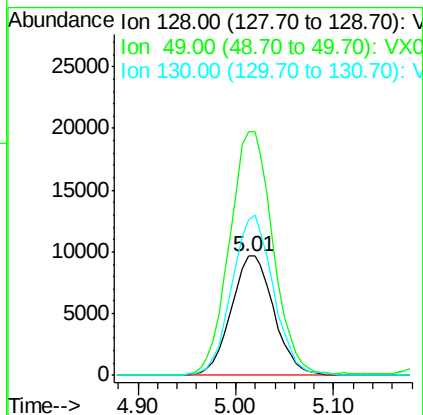
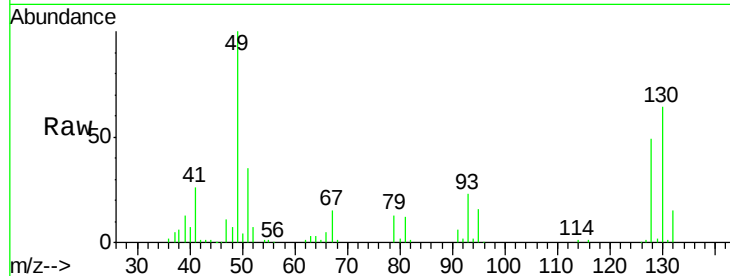
ClientSampled :

VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	208.3	0.0	350.8
130	130.4	0.0	325.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.245 ug/l

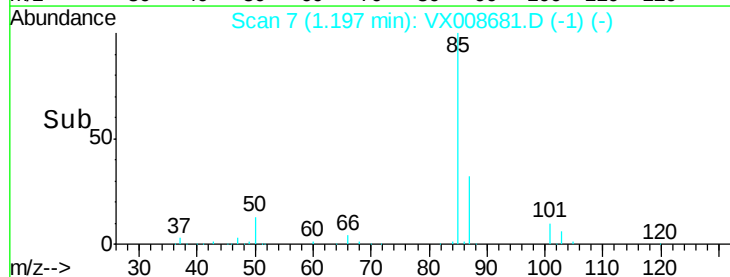
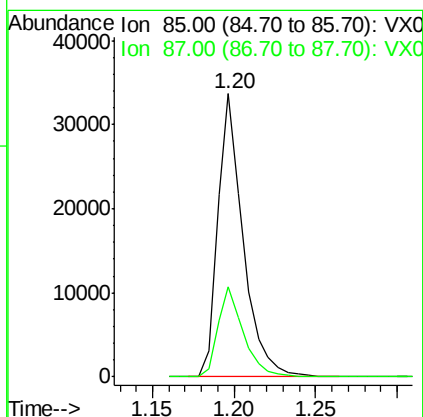
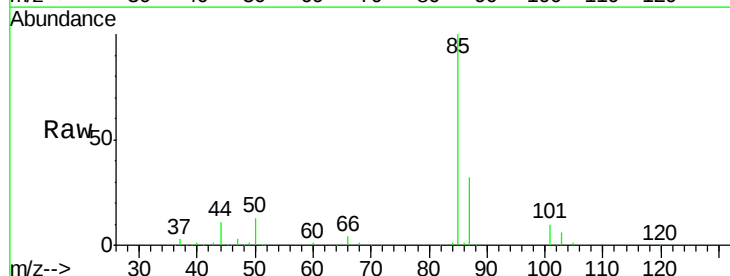
RT: 1.20 min Scan# 7

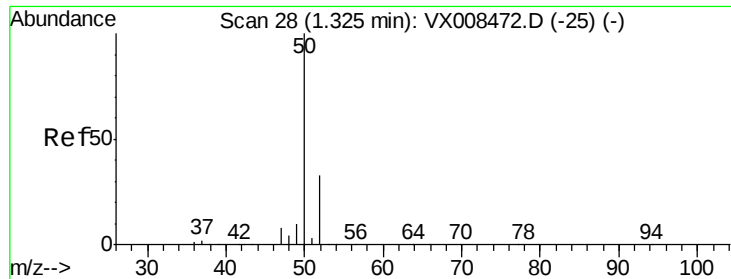
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.6	49.8





#3

Chloromethane

Concen: 18.958 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 50 Resp: 49724

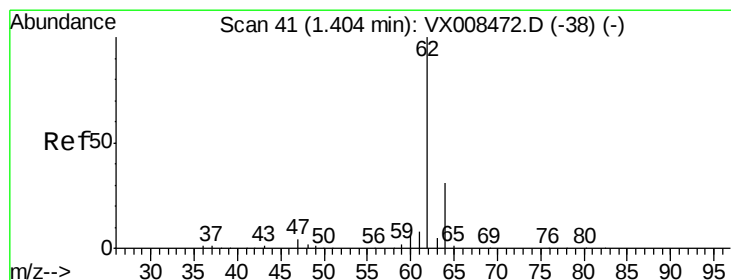
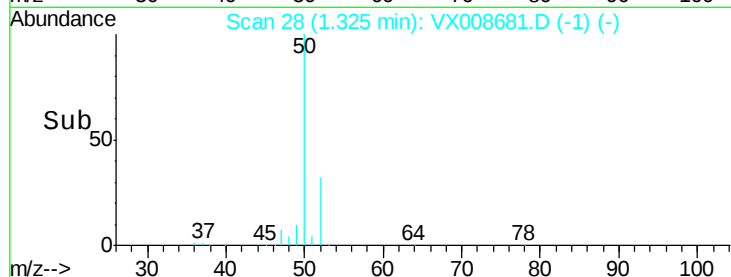
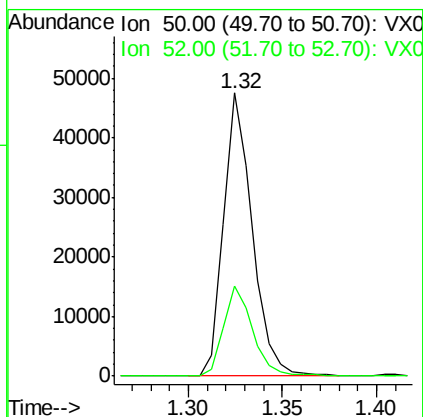
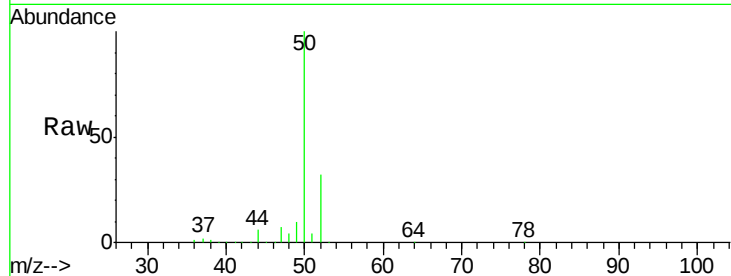
Ion Ratio Lower Upper

50 100

52 32.1 27.5 41.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.056 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008681.D

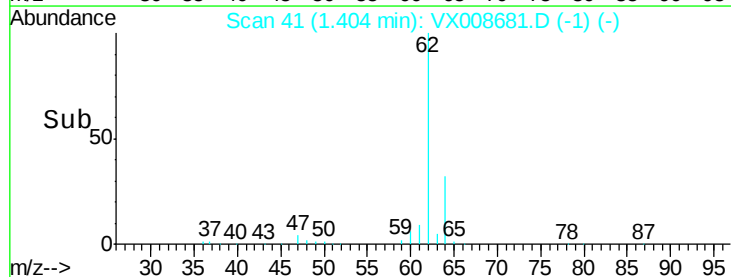
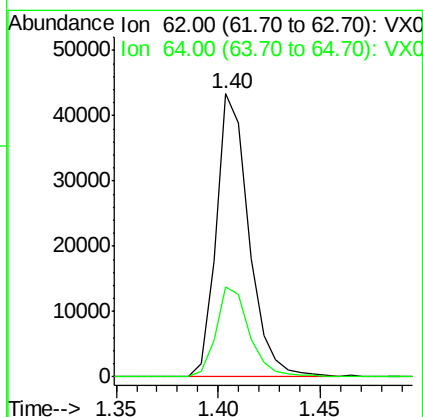
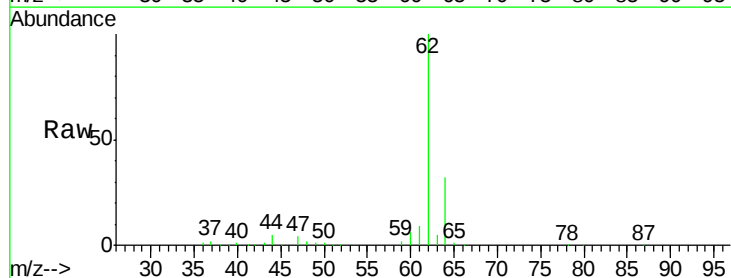
Acq: 05 Apr 2019 13:41

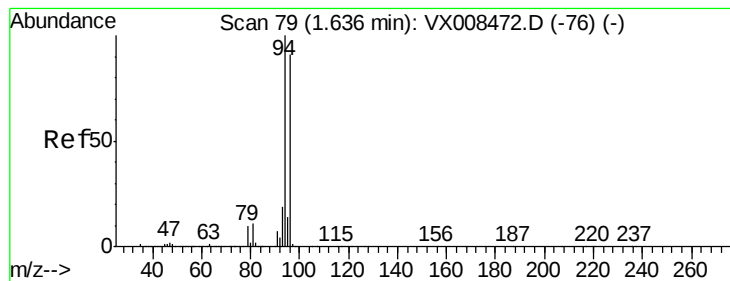
Tgt Ion: 62 Resp: 47737

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 14.963 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 94 Resp: 20497

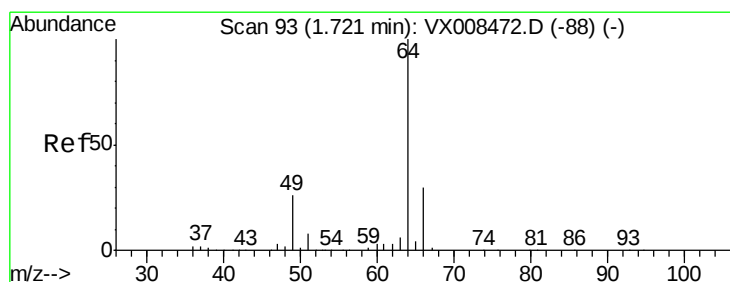
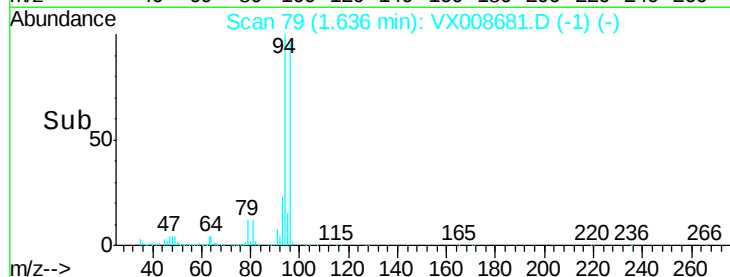
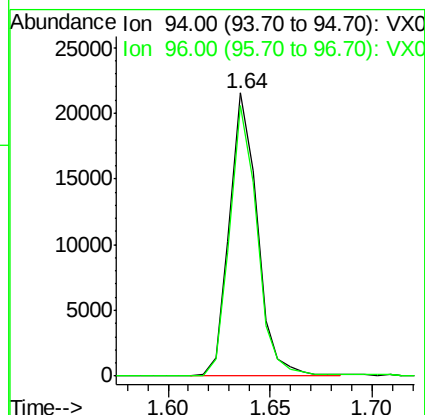
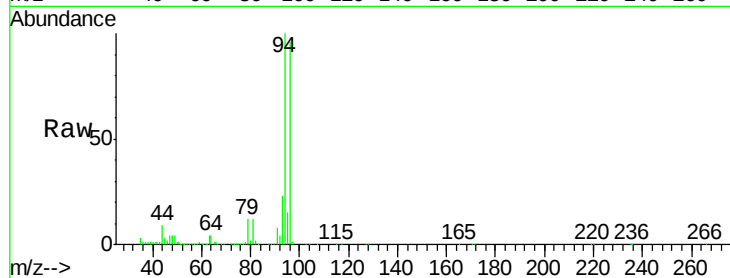
Ion Ratio Lower Upper

94 100

96 95.8 75.6 113.4

Manual Integrations
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4/8/2019 9:49:30 AM



#6

Chloroethane

Concen: 17.226 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008681.D

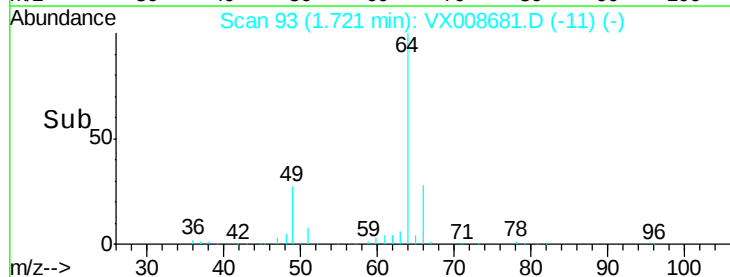
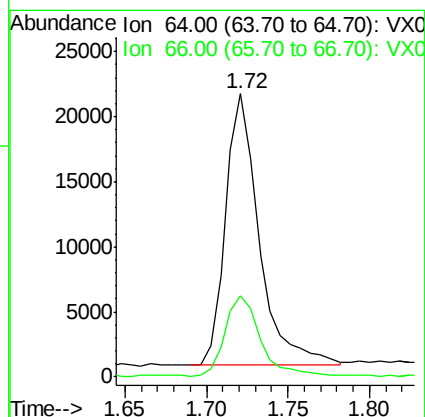
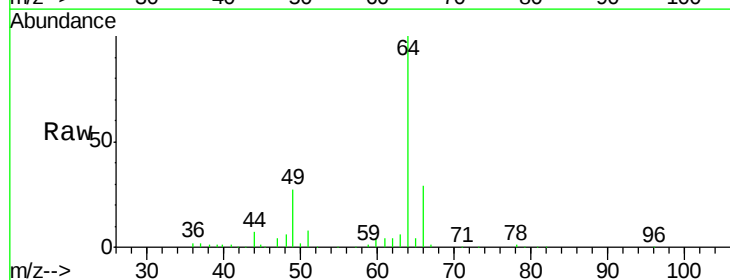
Acq: 05 Apr 2019 13:41

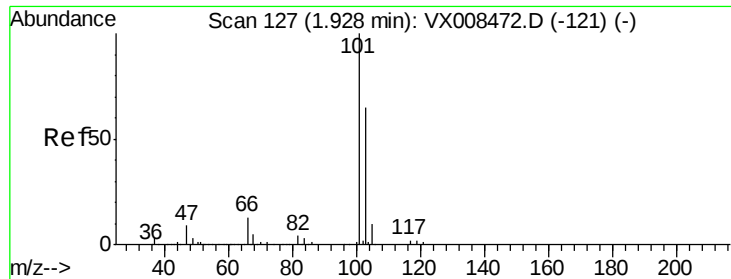
Tgt Ion: 64 Resp: 29807

Ion Ratio Lower Upper

64 100

66 29.4 23.9 35.9





#7

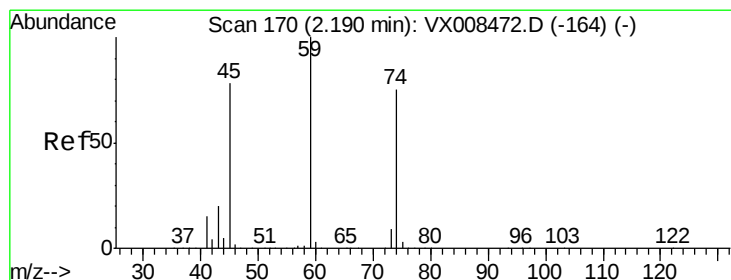
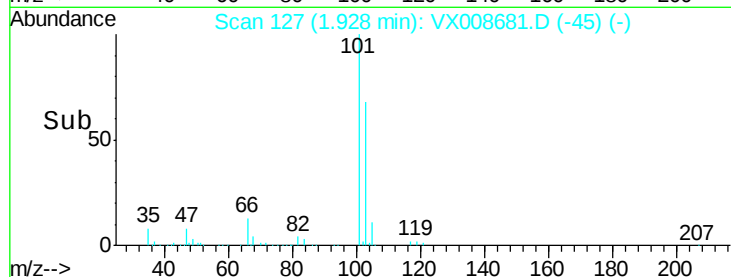
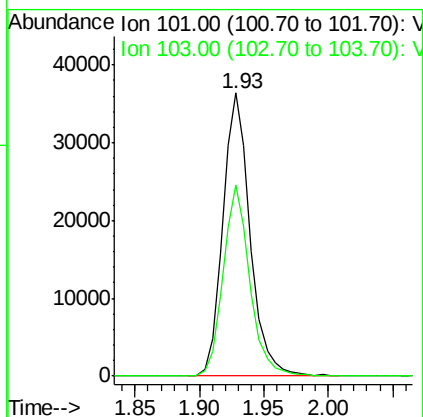
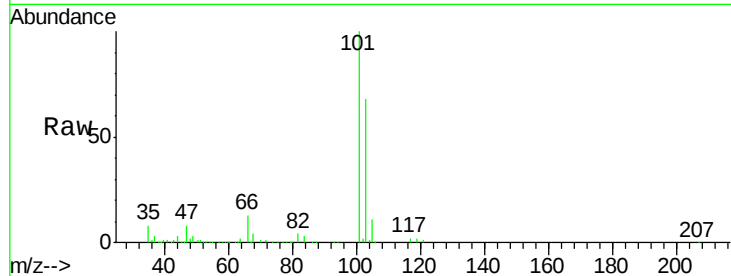
Trichlorofluoromethane
Concen: 18.419 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion: 101 Resp: 54049
Ion Ratio Lower Upper
101 100
103 67.7 50.4 75.6

Manual Integrations
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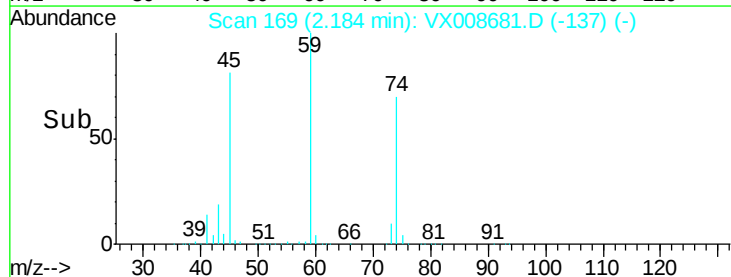
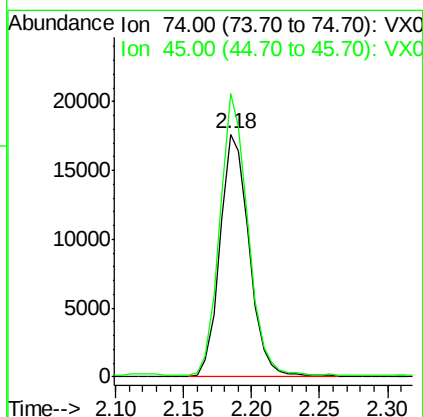
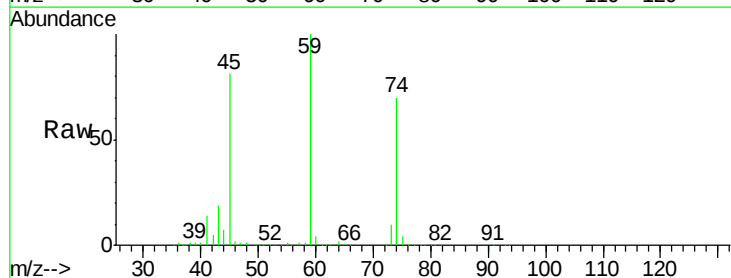
MMDadoda
4/8/2019 9:49:30 AM

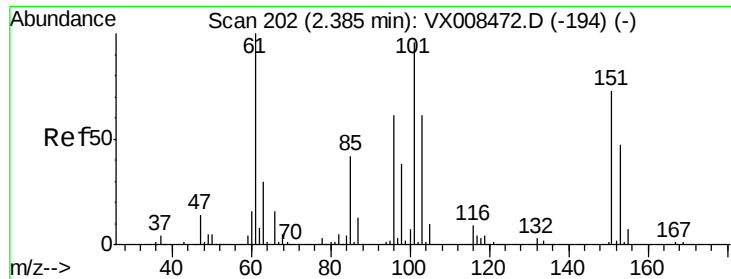


#8

Diethyl Ether
Concen: 18.972 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion: 74 Resp: 26254
Ion Ratio Lower Upper
74 100
45 112.2 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.372 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

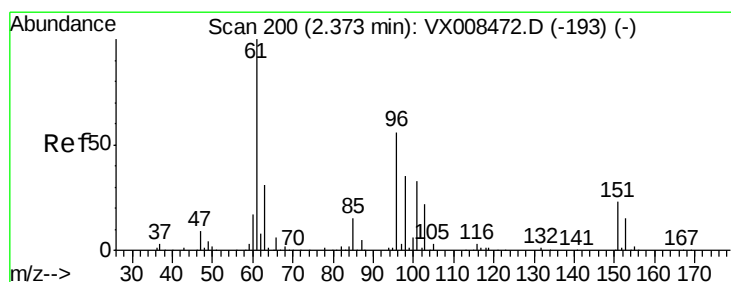
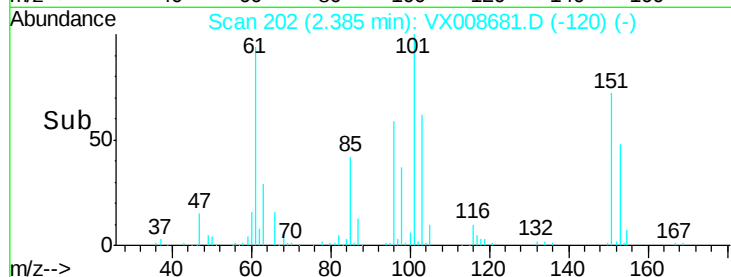
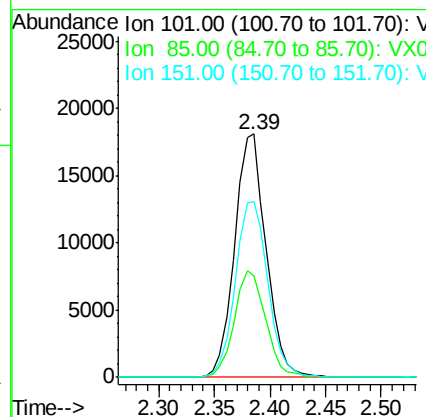
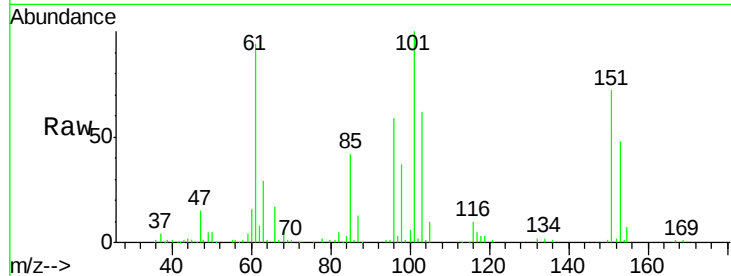
ClientSampleId :

VX0405WBSD01

Tgt Ion:	101	Resp:	35401
Ion Ratio	Lower	Upper	
101	100		
85	43.5	0.0	86.8
151	75.0	0.0	169.2

Manual Integrations
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MMDadoda
4/8/2019 9:49:30 AM



#10

1,1-Dichloroethene

Concen: 19.351 ug/l

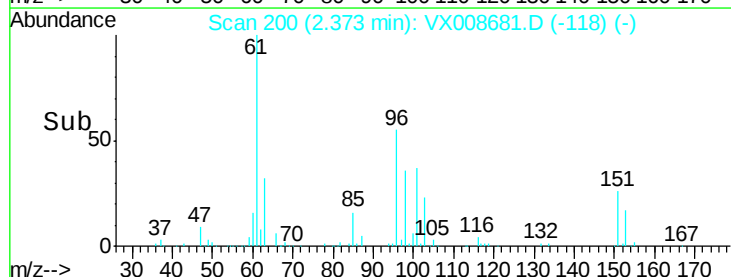
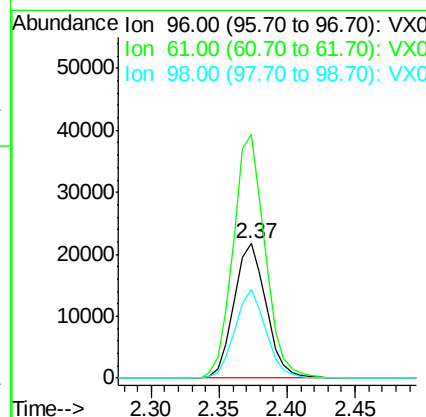
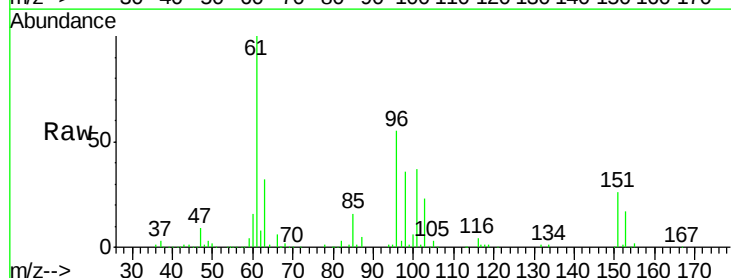
RT: 2.37 min Scan# 200

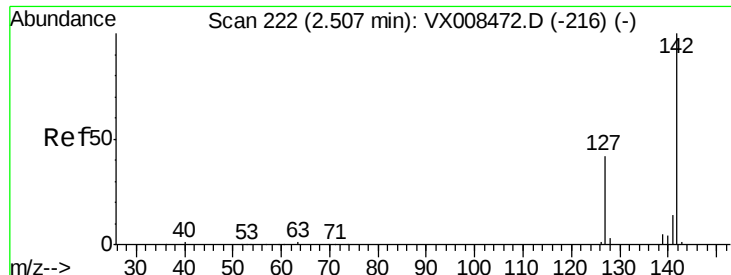
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion:	96	Resp:	35875
Ion Ratio	Lower	Upper	
96	100		
61	181.3	120.2	180.2#
98	65.9	49.0	73.4





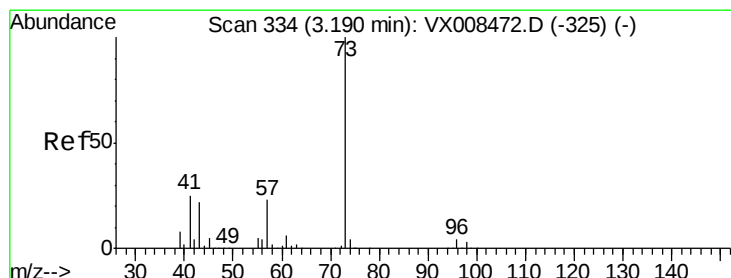
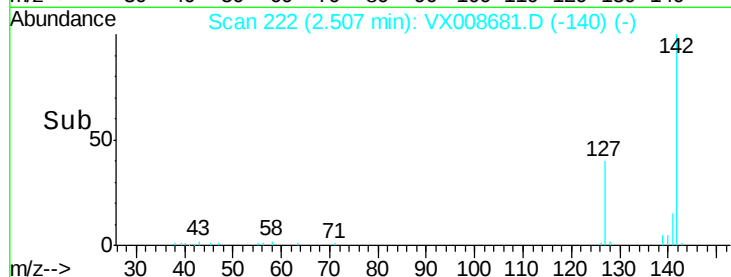
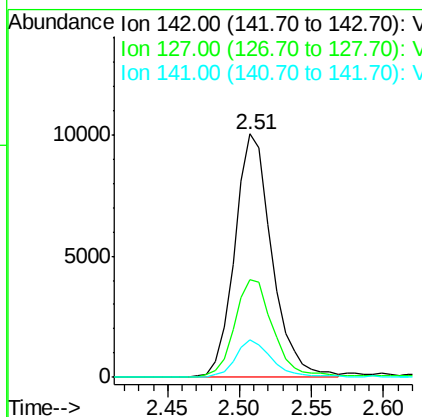
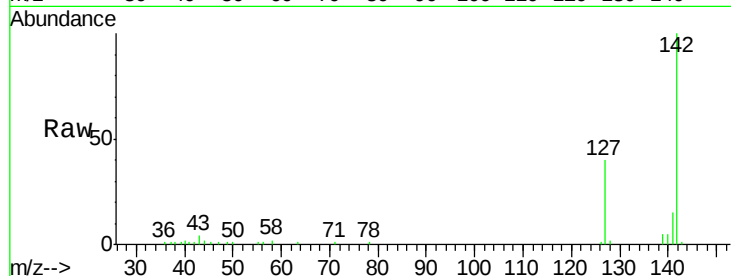
#11
Methyl Iodide
Concen: 9.409 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.9	22.1	66.5
141	15.3	7.4	22.3

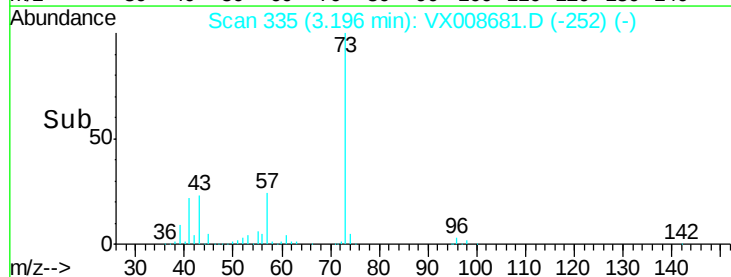
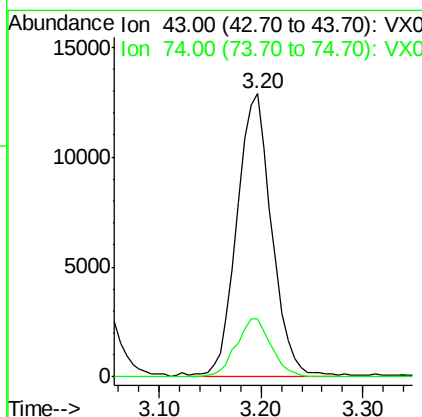
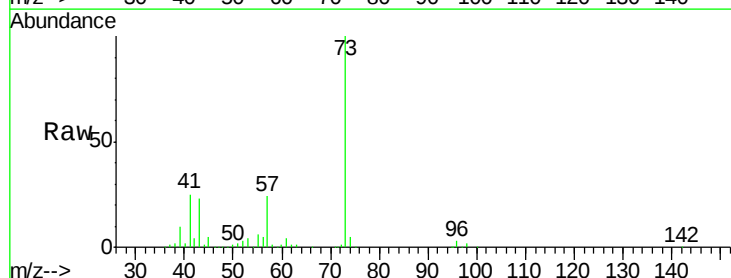
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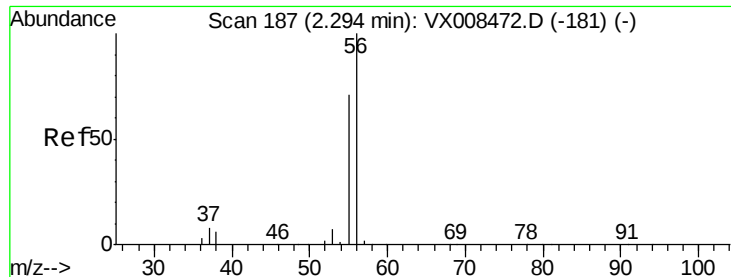
MMDadoda
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#12
Methyl Acetate
Concen: 20.148 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.4	29.0





#13

Acrolein

Concen: 110.205 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 56 Resp: 47506

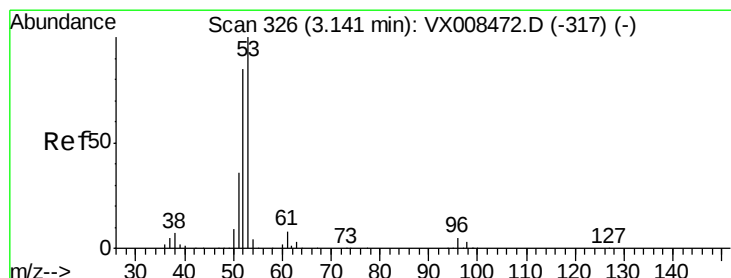
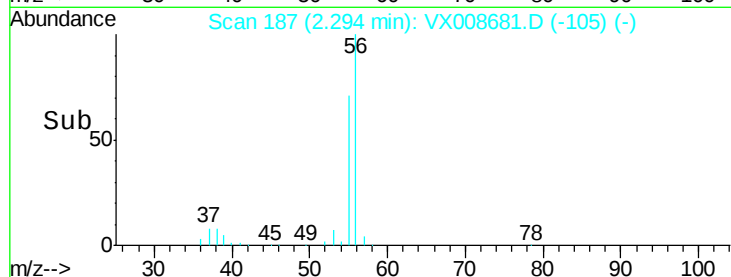
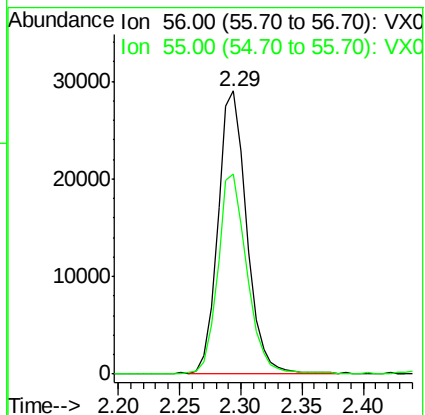
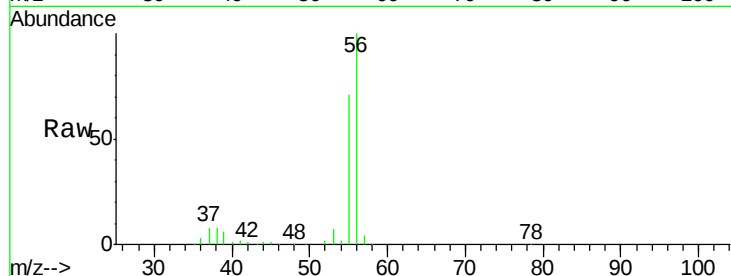
Ion Ratio Lower Upper

56 100

55 71.5 58.6 87.8

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#14

Acrylonitrile

Concen: 105.412 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

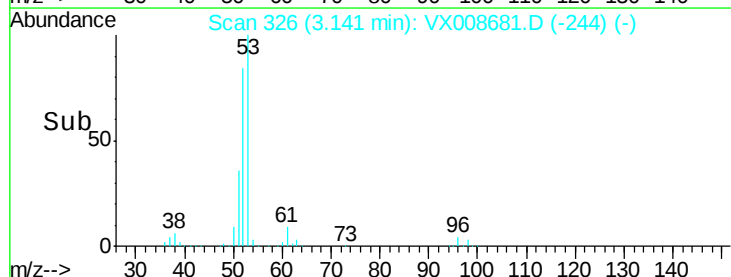
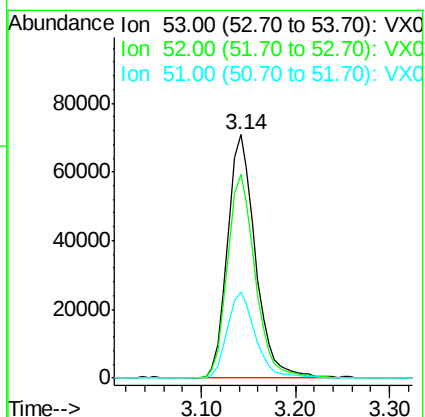
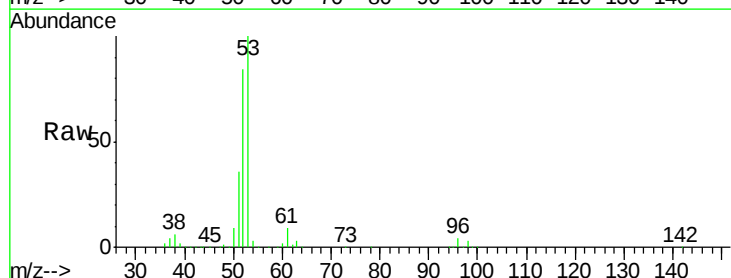
Tgt Ion: 53 Resp: 146439

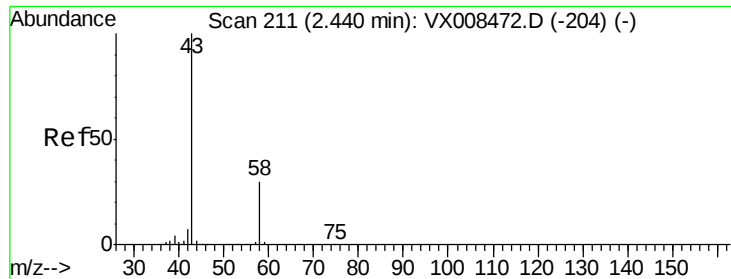
Ion Ratio Lower Upper

53 100

52 83.3 41.3 124.1

51 35.7 17.5 52.6





#15

Acetone

Concen: 104.583 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 58 Resp: 44803

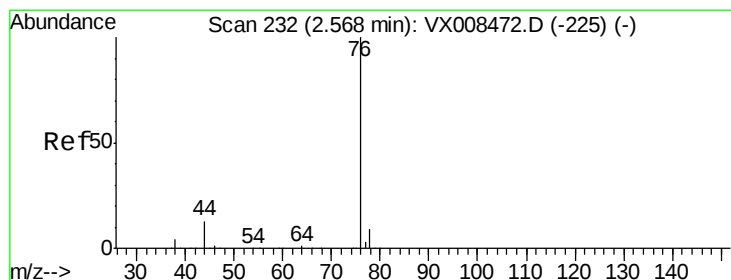
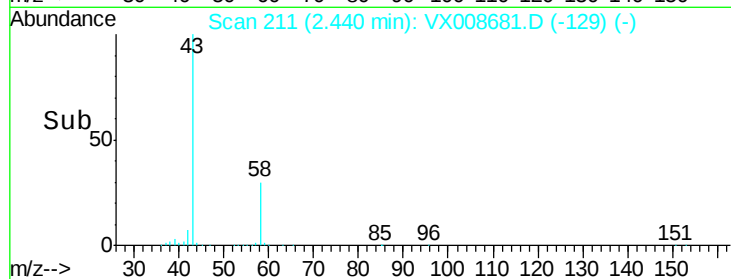
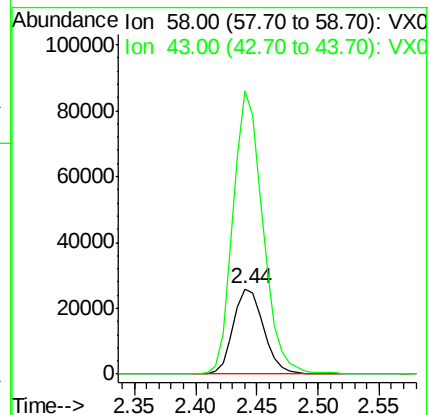
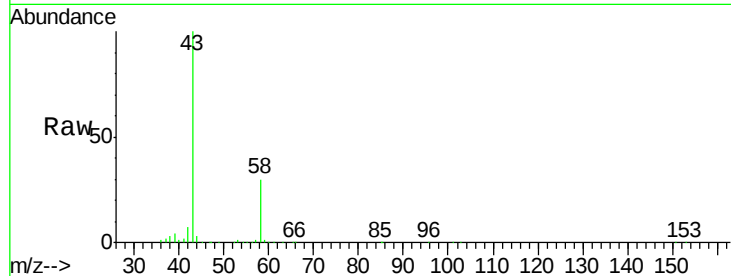
Ion Ratio Lower Upper

58 100

43 331.3 249.8 374.6

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#16

Carbon Disulfide

Concen: 18.142 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008681.D

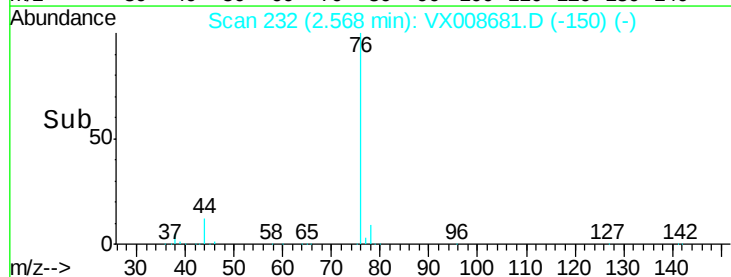
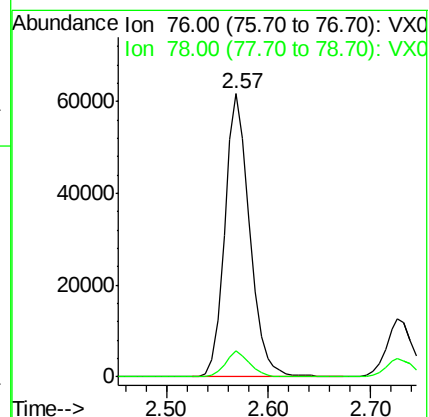
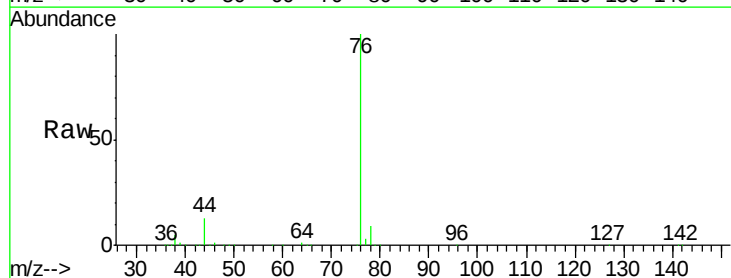
Acq: 05 Apr 2019 13:41

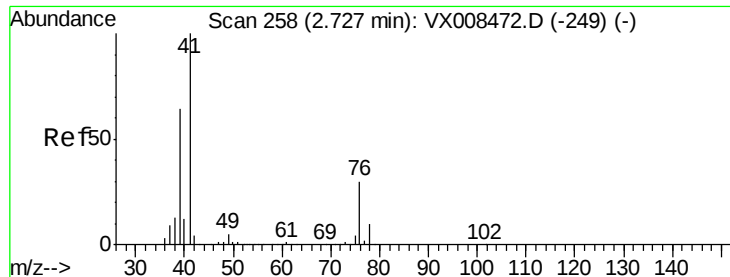
Tgt Ion: 76 Resp: 104626

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





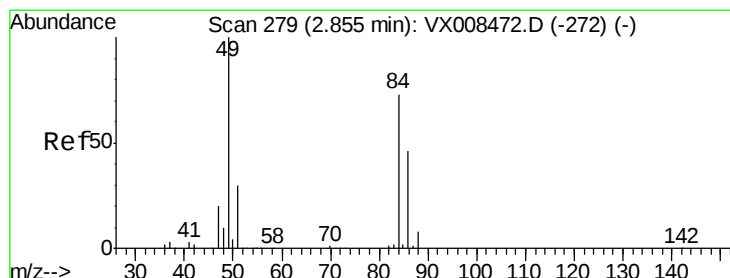
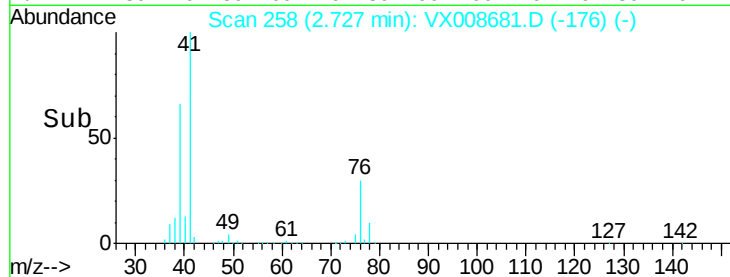
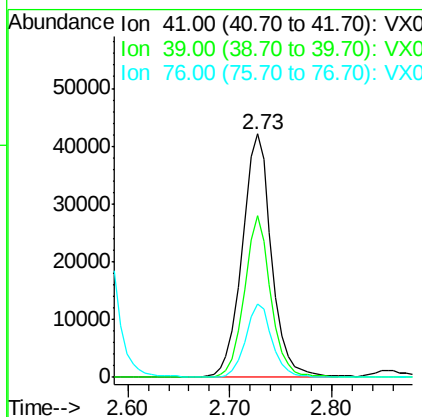
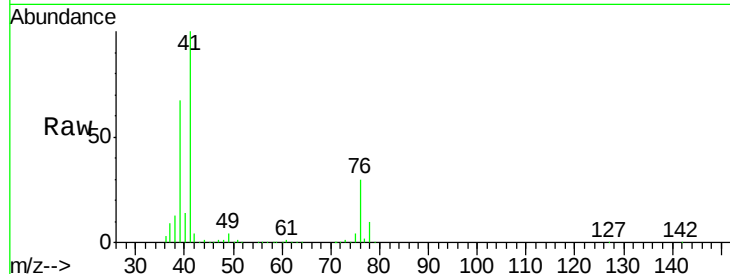
#17
 Allyl chloride
 Concen: 20.068 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.5	35.8	107.4
76	30.0	18.3	54.9

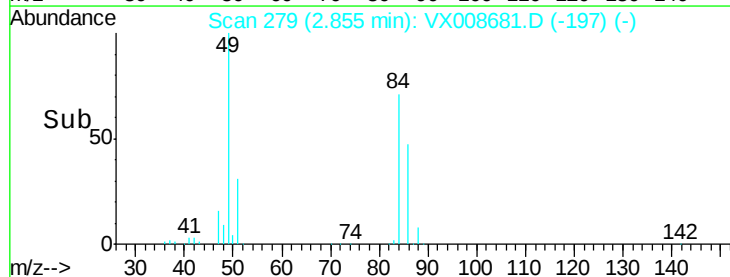
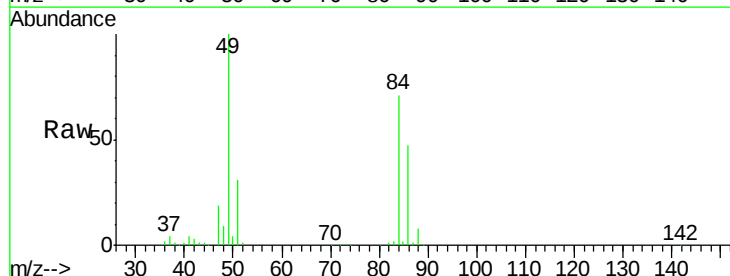
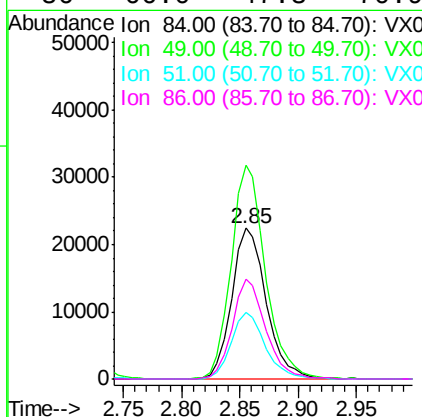
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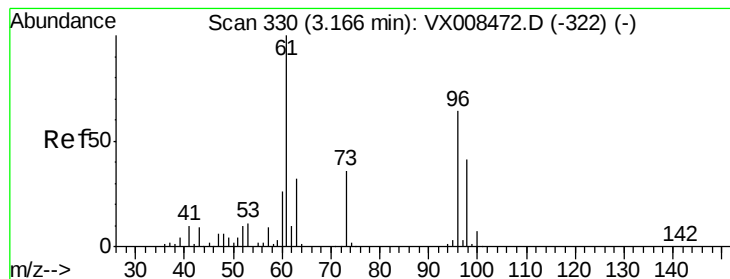
MMDadoda
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#18
 Methylene Chloride
 Concen: 20.968 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.5	96.1	144.1
51	44.3	29.1	43.7
86	66.0	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.338 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 96 Resp: 38303

Ion Ratio Lower Upper

96 100

61 155.8 109.9 164.9

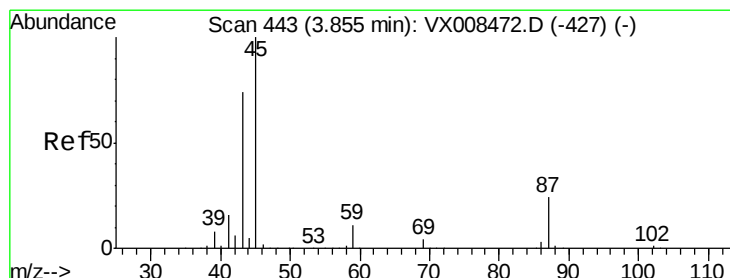
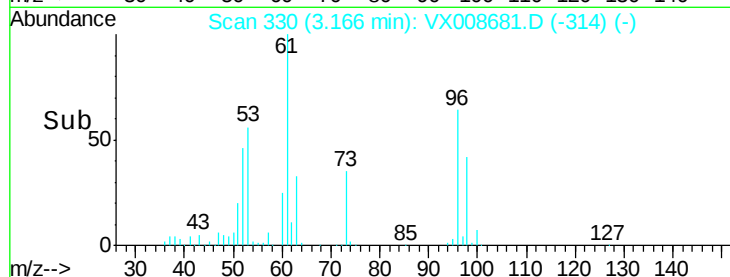
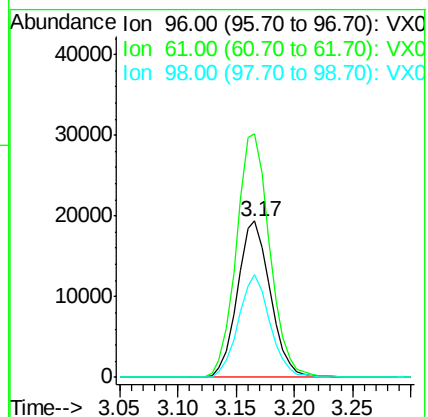
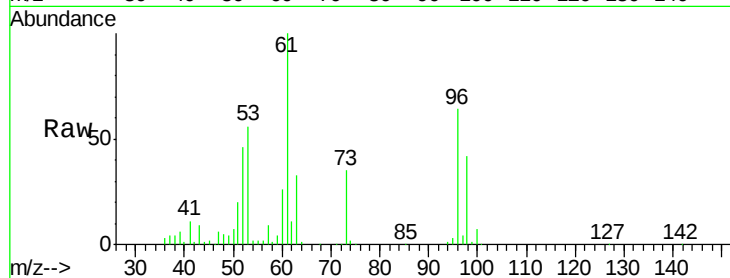
98 66.0 50.4 75.6

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#20

Diisopropyl ether

Concen: 20.493 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion: 45 Resp: 166191

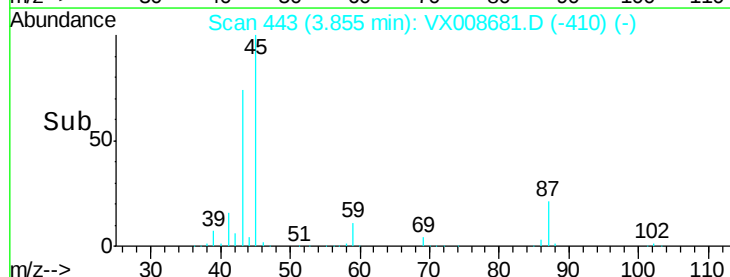
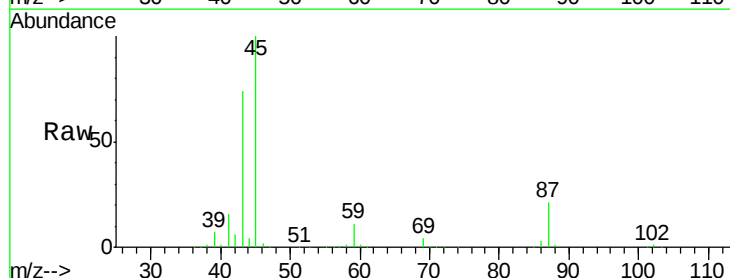
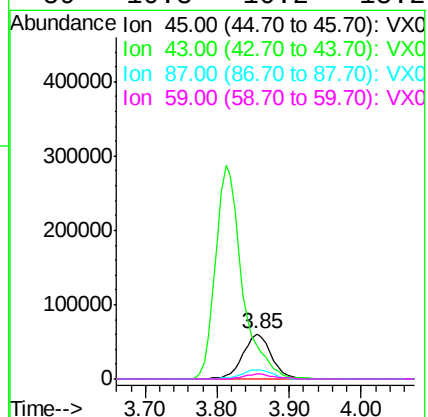
Ion Ratio Lower Upper

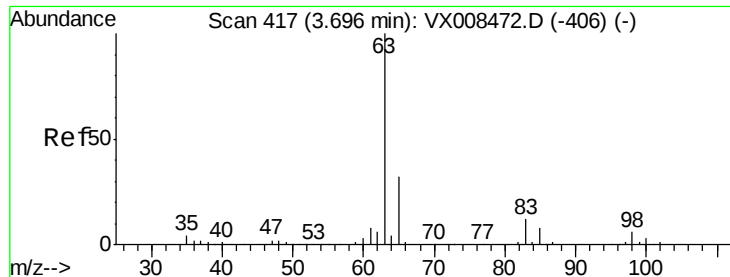
45 100

43 73.7 50.6 76.0

87 21.1 24.5 36.7#

59 10.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.985 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

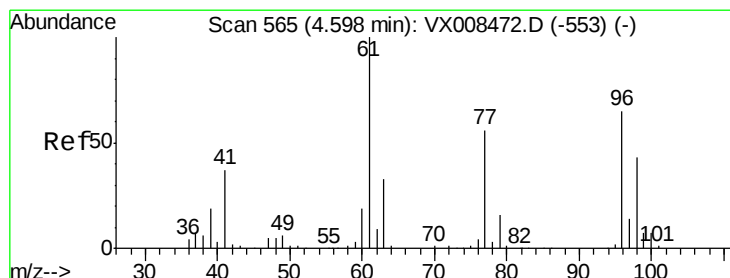
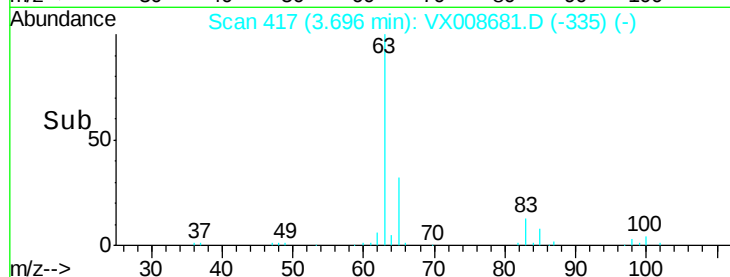
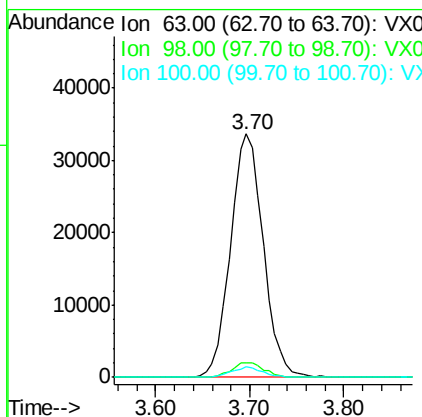
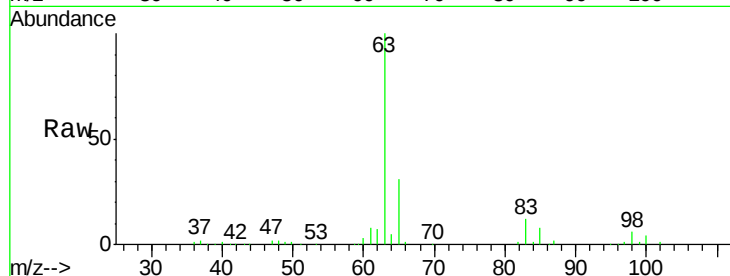
ClientSampleId :

VX0405WBSD01

Tgt Ion:	63	Resp:	81352
Ion Ratio	Lower	Upper	
63	100		
98	6.0	3.8	11.4
100	4.4	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 19.924 ug/l

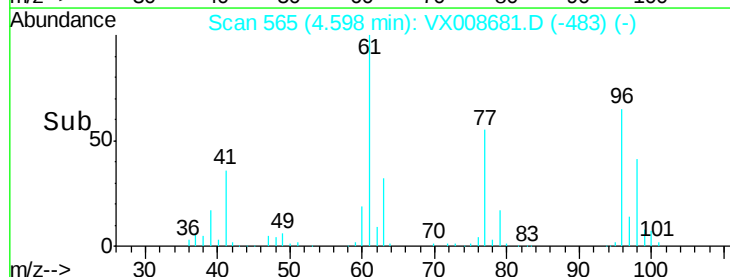
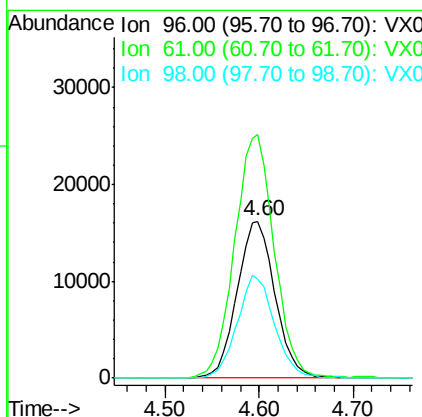
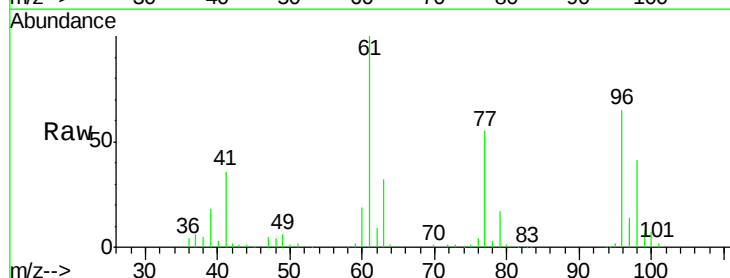
RT: 4.60 min Scan# 565

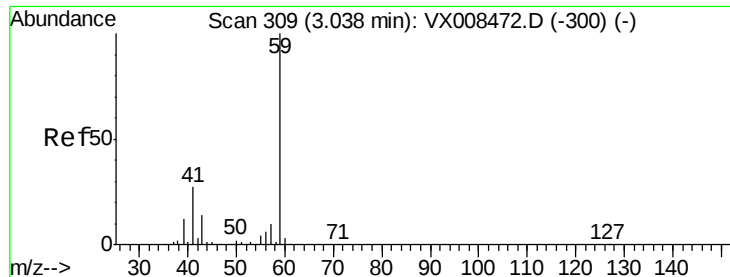
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion:	96	Resp:	45603
Ion Ratio	Lower	Upper	
96	100		
61	161.7	103.5	155.3#
98	64.0	52.1	78.1





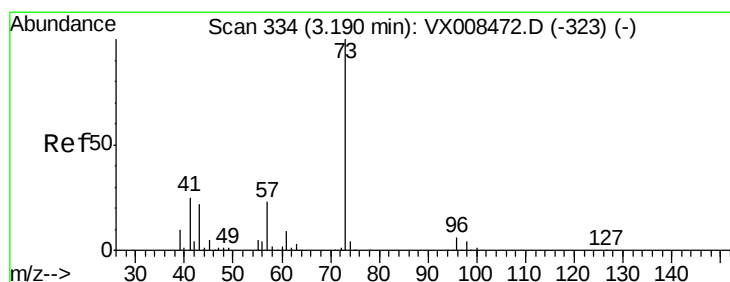
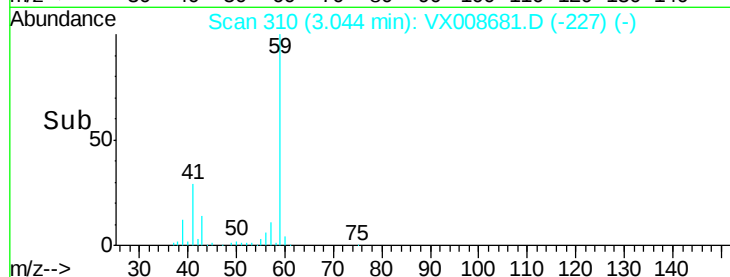
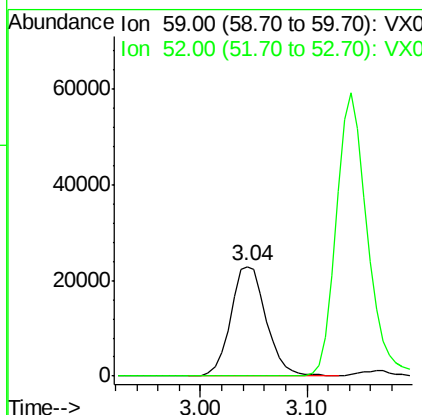
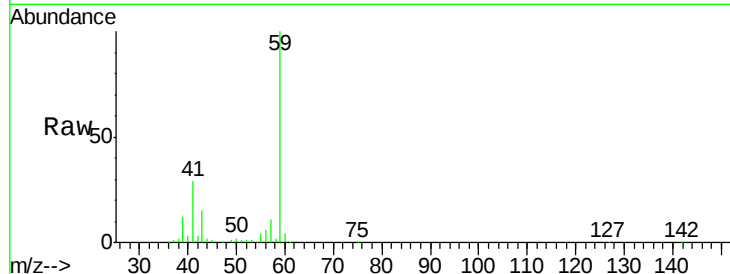
#23
 tert-Butyl Alcohol
 Concen: 95.360 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion: 59 Resp: 53494
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

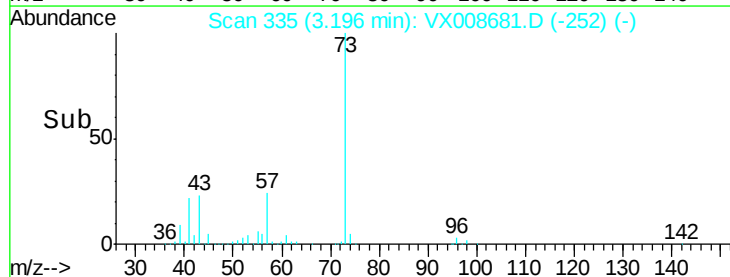
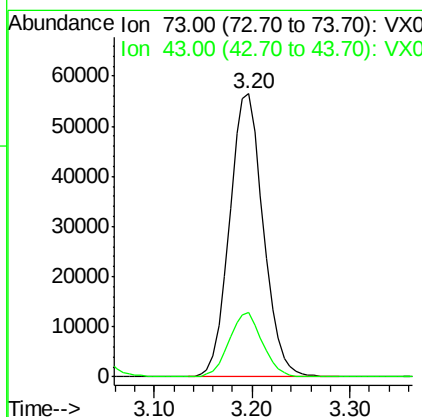
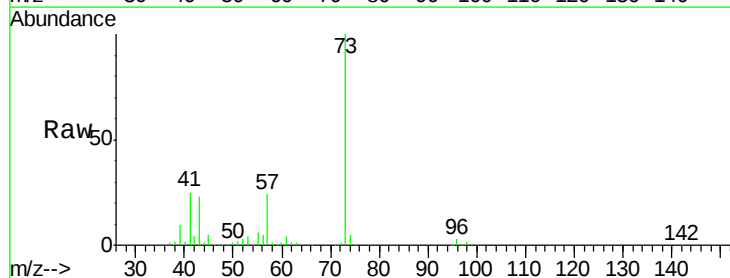
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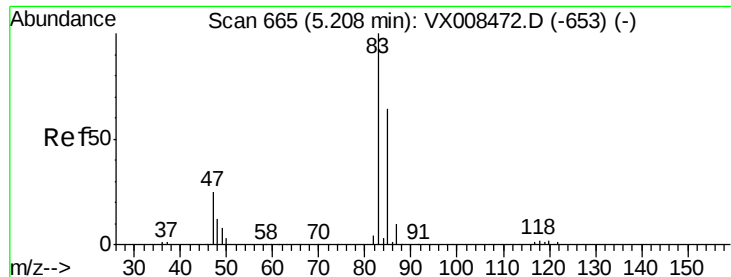
MMDadoda
 4/8/2019 9:49:30 AM



#24
 Methyl tert-Butyl Ether
 Concen: 19.839 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion: 73 Resp: 135172
 Ion Ratio Lower Upper
 73 100
 43 22.4 17.1 25.7





#25

Chloroform

Concen: 19.737 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 83 Resp: 72775

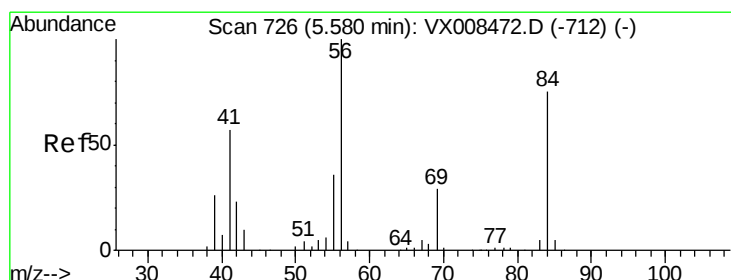
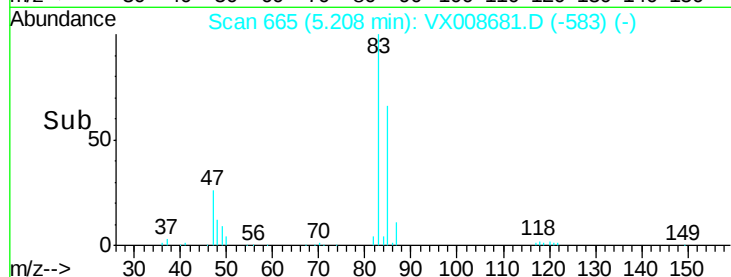
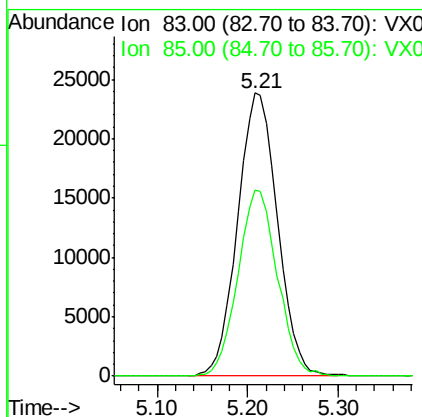
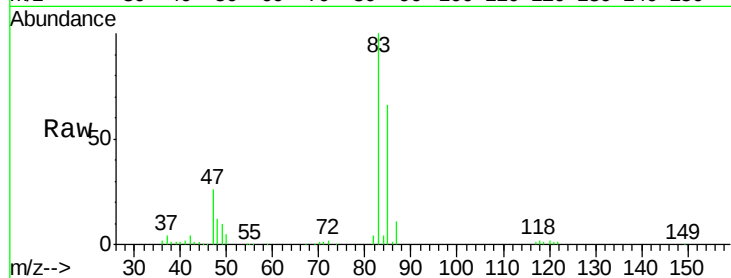
Ion Ratio Lower Upper

83 100

85 65.5 53.8 80.6

Manual Integrations
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#26

Cyclohexane

Concen: 19.246 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

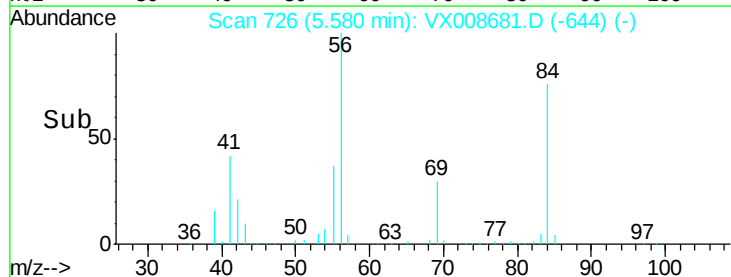
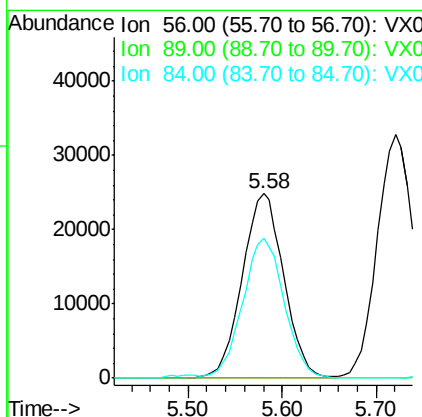
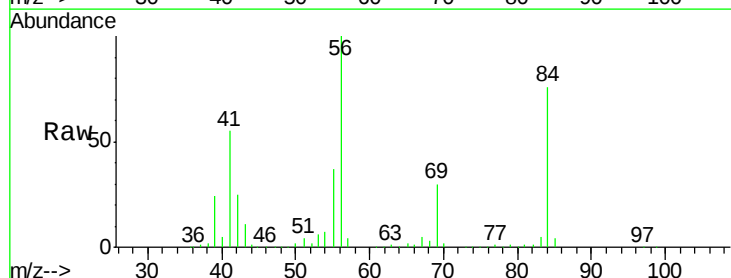
Tgt Ion: 56 Resp: 76111

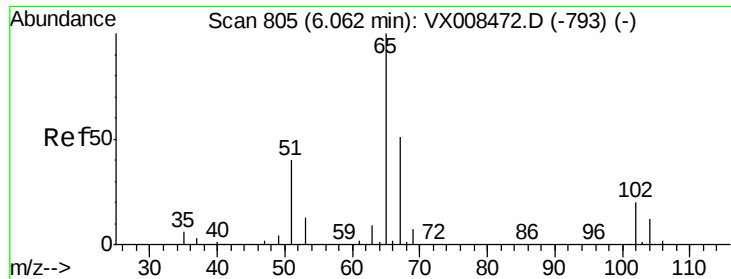
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 76.4 73.9 110.9





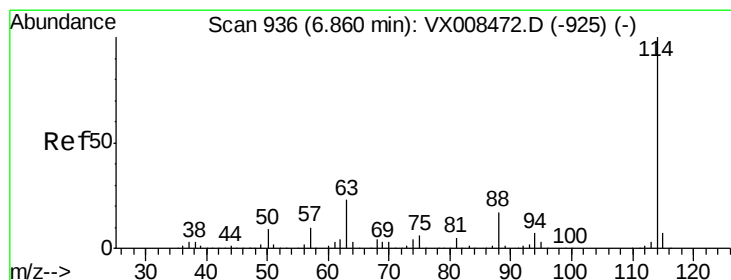
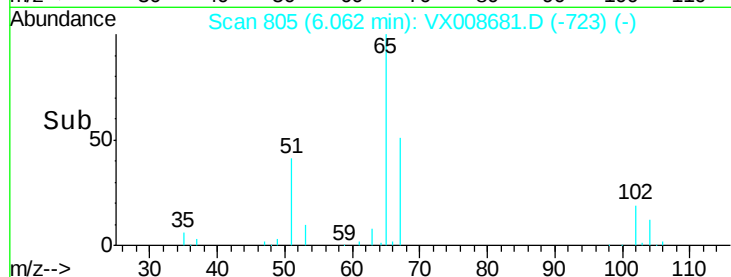
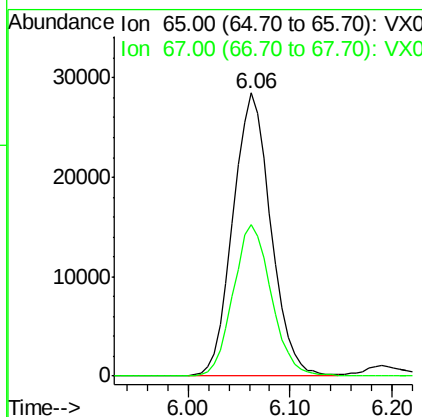
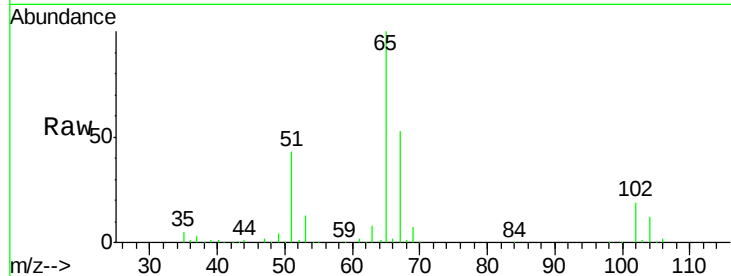
#27
 1,2-Dichloroethane-d4
 Concen: 30.040 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion: 65 Resp: 73570
 Ion Ratio Lower Upper
 65 100
 67 53.8 42.9 64.3

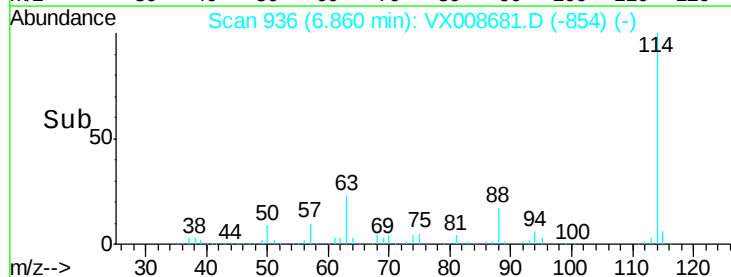
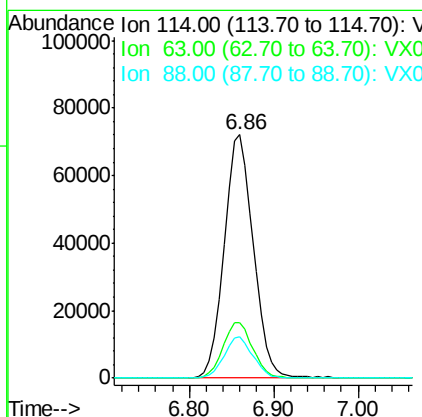
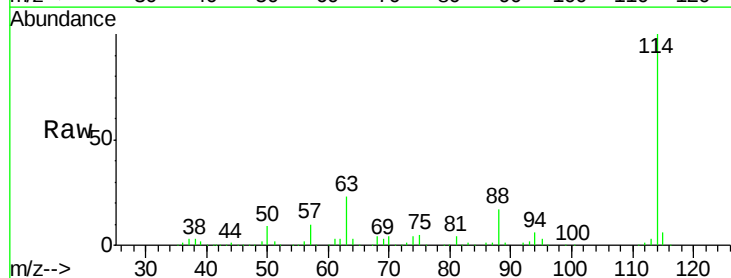
Manual Integrations
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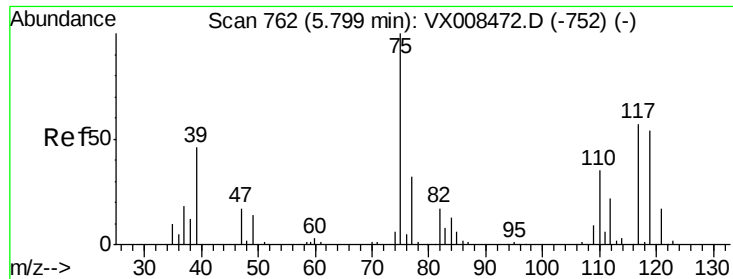
MMDadoda
 4/8/2019 9:49:30 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion: 114 Resp: 170198
 Ion Ratio Lower Upper
 114 100
 63 23.2 14.2 21.4#
 88 16.7 11.9 17.9





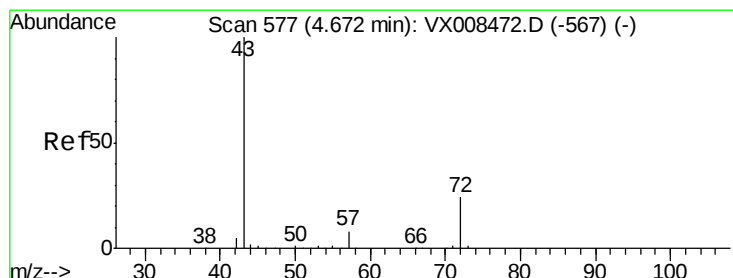
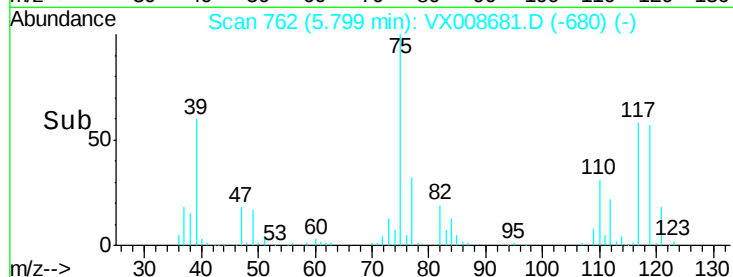
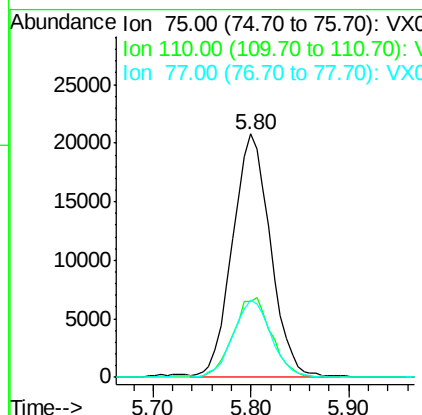
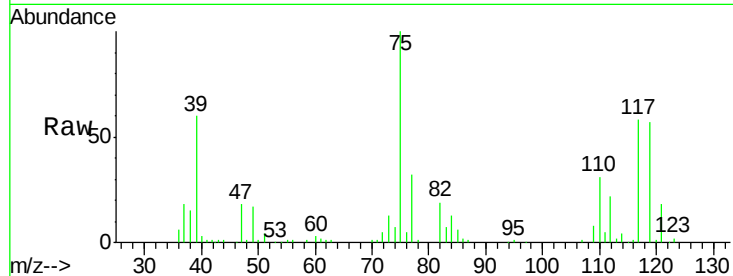
#29
 1,1-Dichloropropene
 Concen: 19.637 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	80.8
77	31.1	0.0	62.4

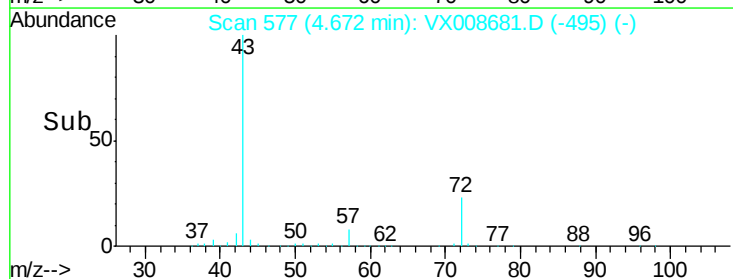
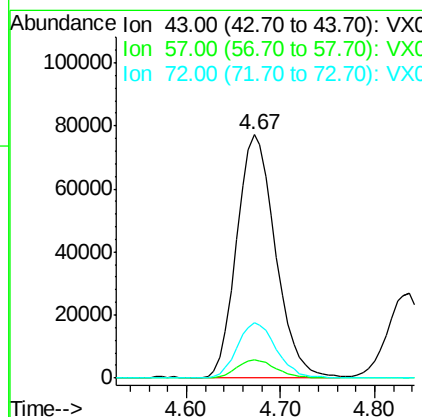
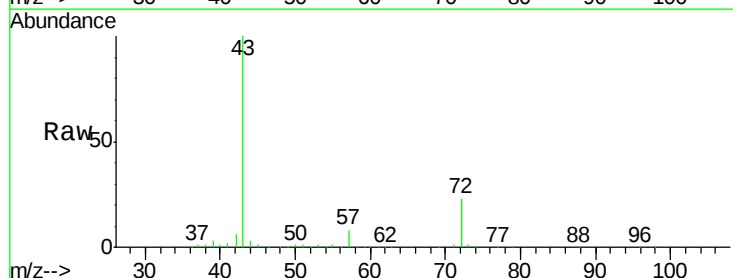
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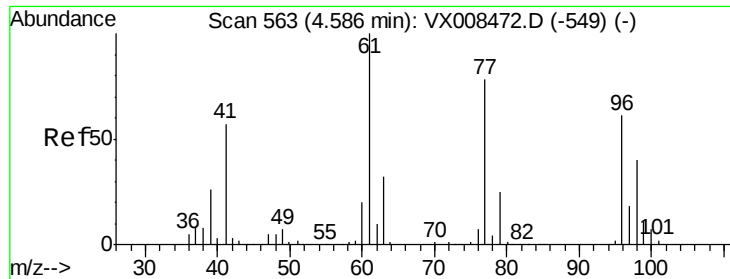
MMDadoda
 4/8/2019 9:49:30 AM



#30
 2-Butanone
 Concen: 104.550 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	7.0	10.6
72	23.1	21.5	32.3





#31

2,2-Dichloropropane

Concen: 19.899 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 77 Resp: 56906

Ion Ratio Lower Upper

77 100

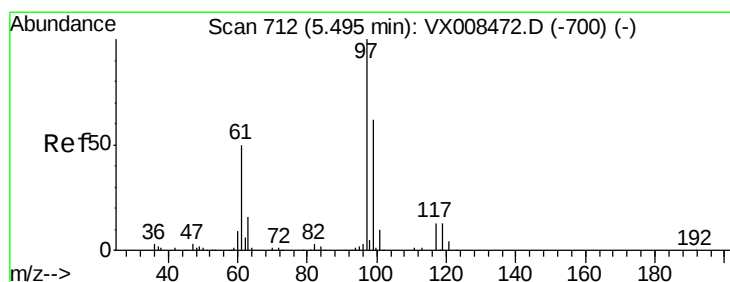
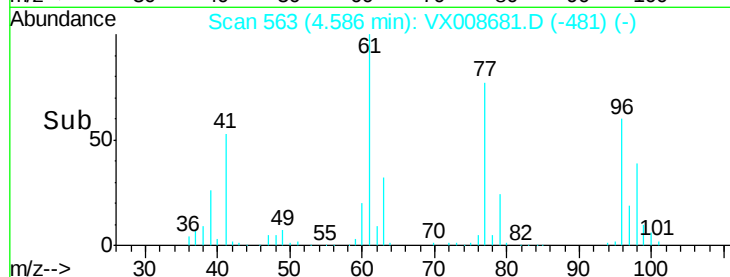
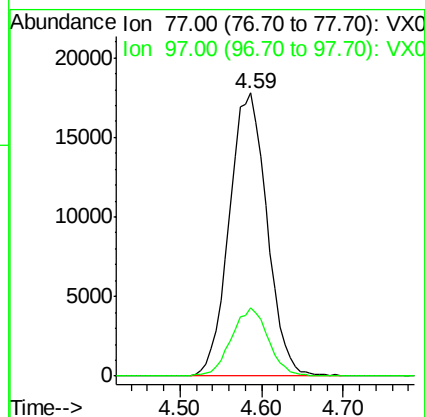
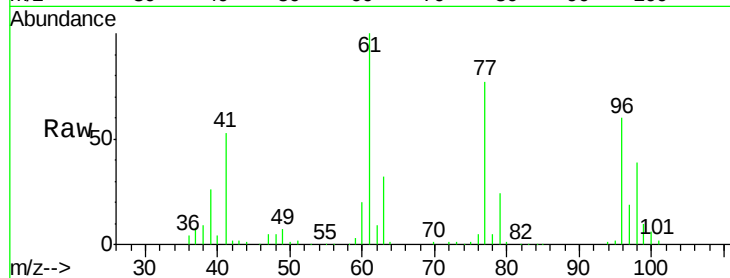
97 23.4 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 19.364 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

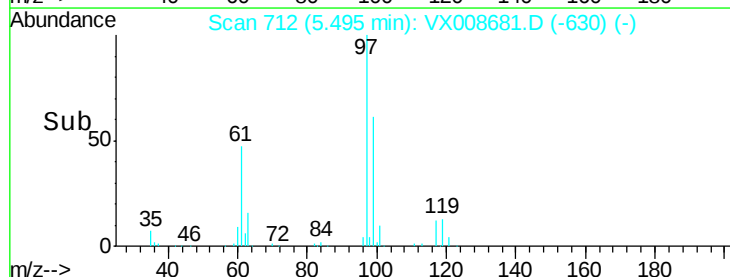
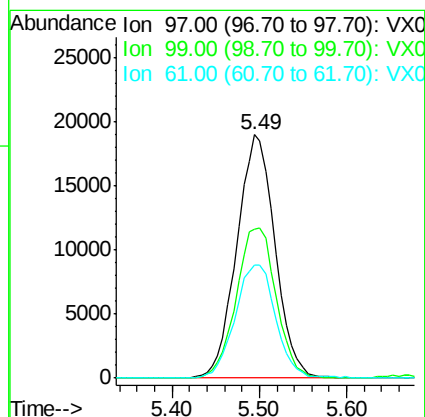
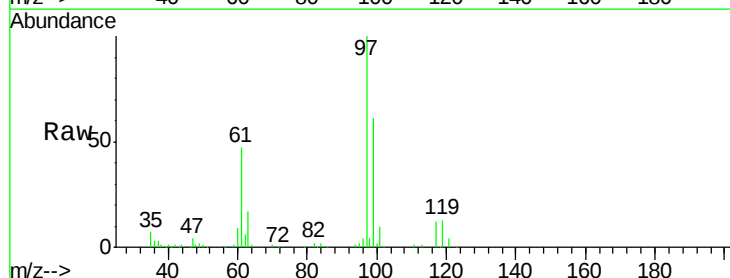
Tgt Ion: 97 Resp: 57576

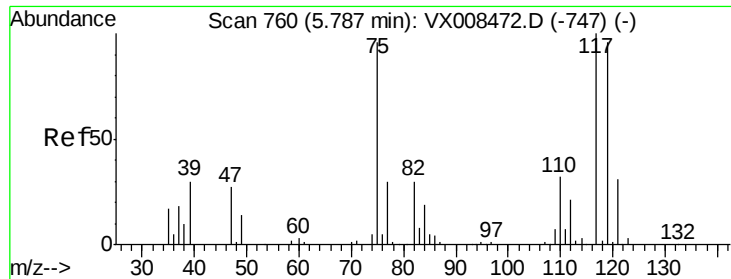
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 49.4 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.202 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

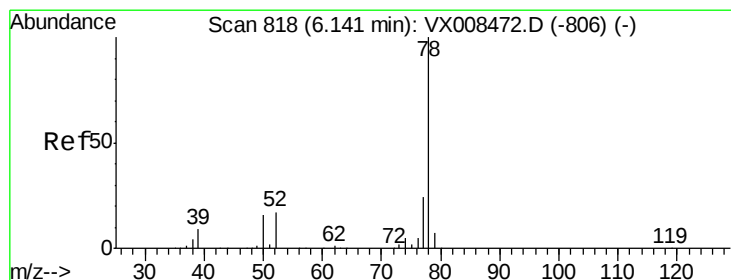
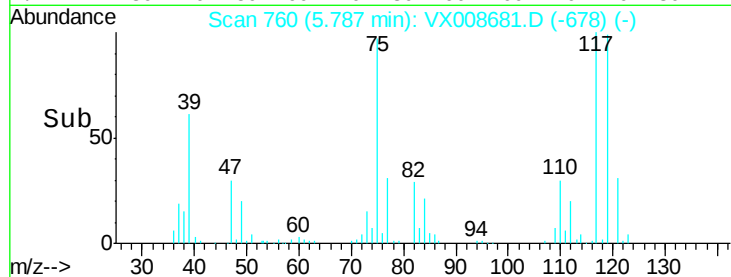
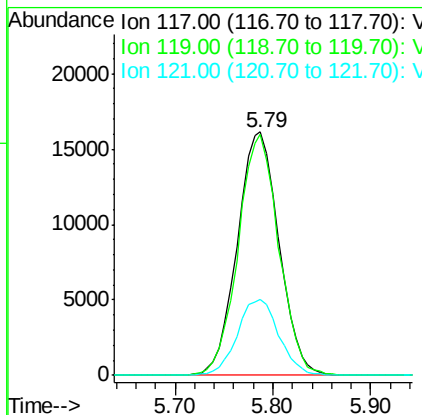
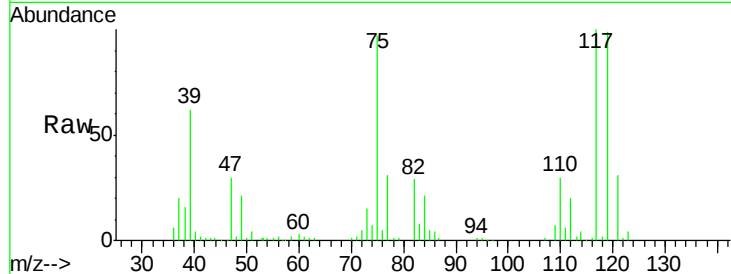
VX0405WBSD01

Tgt Ion: 117 Resp: 47769

Ion	Ratio	Lower	Upper
117	100		
119	99.1	78.1	117.1
121	31.2	27.0	40.6

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#34

Benzene

Concen: 19.904 ug/l

RT: 6.14 min Scan# 818

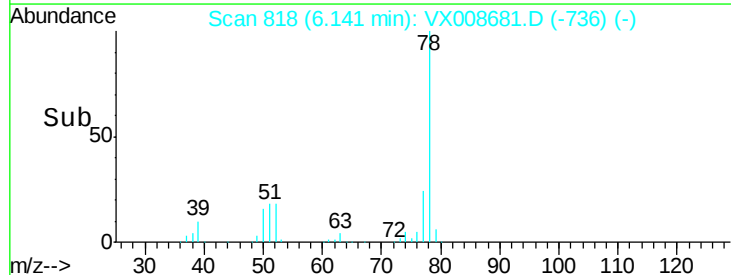
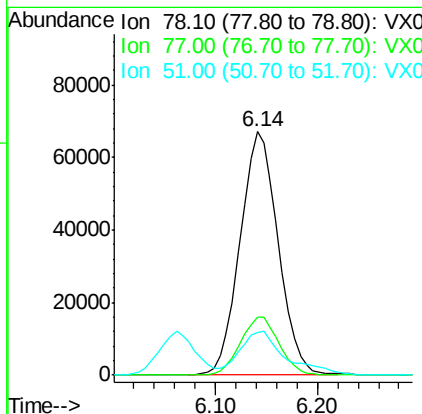
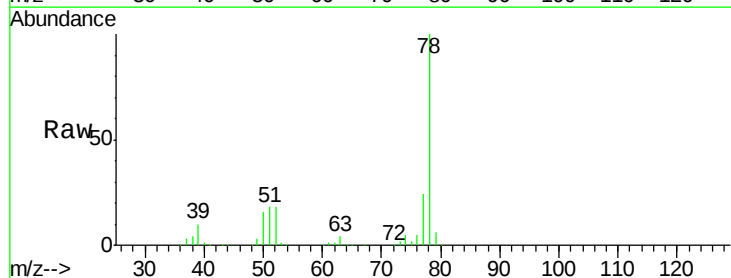
Delta R.T. 0.00 min

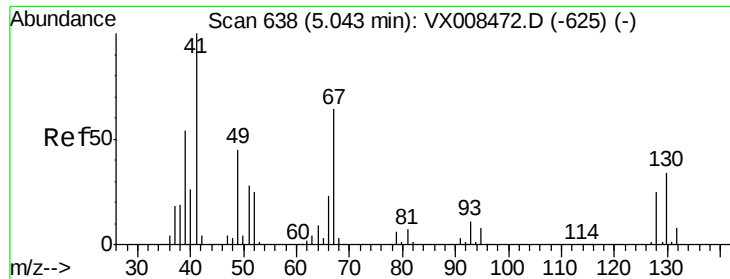
Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion: 78 Resp: 174210

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	16.7	10.8	16.2#





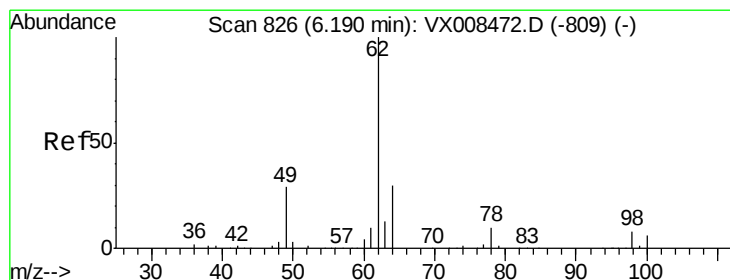
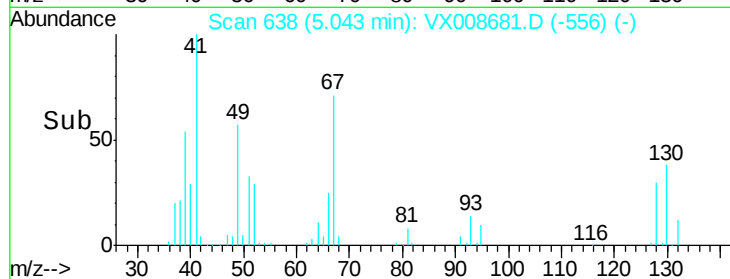
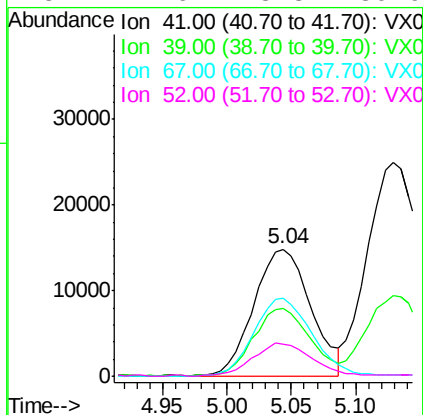
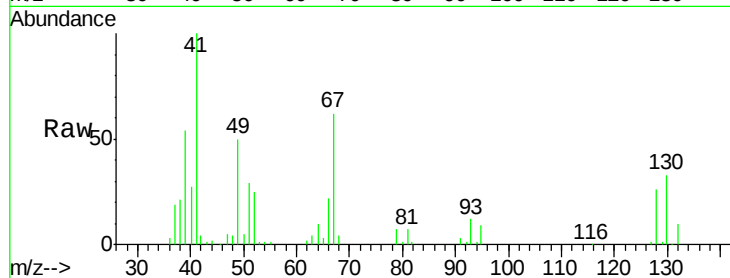
#35
Methacrylonitrile
Concen: 21.117 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion:	41	Resp:	45216
Ion Ratio	Lower	Upper	
41	100		
39	53.3	27.4	82.0
67	61.8	37.9	113.6
52	24.6	13.3	39.9

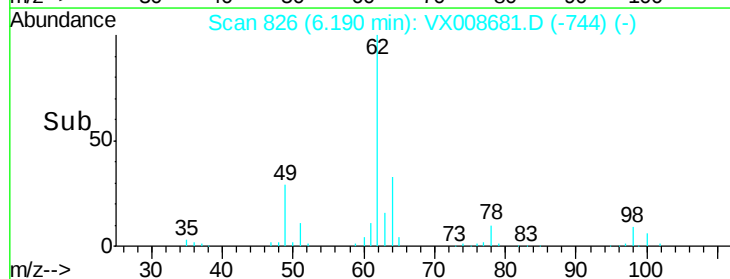
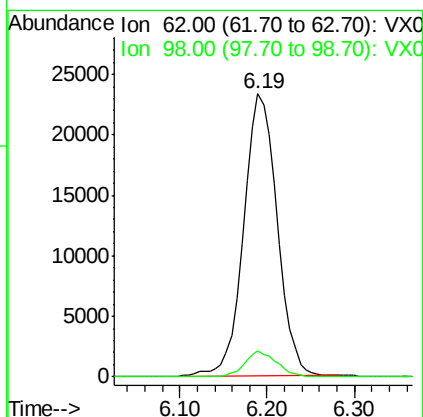
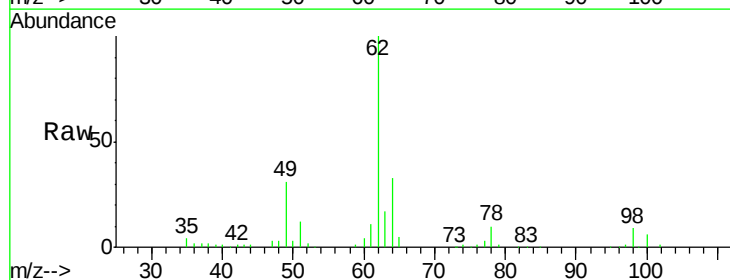
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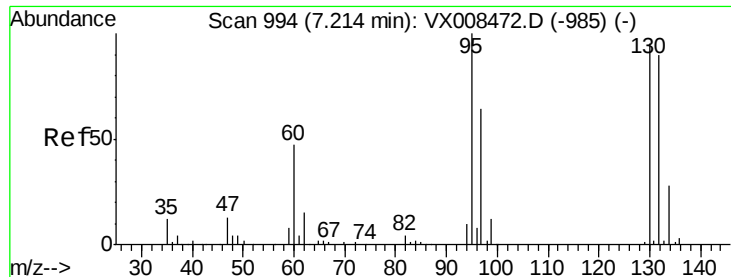
MMDadoda
4/8/2019 9:49:30 AM



#36
1,2-Dichloroethane
Concen: 19.876 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion:	62	Resp:	62024
Ion Ratio	Lower	Upper	
62	100		
98	8.8	7.8	11.8





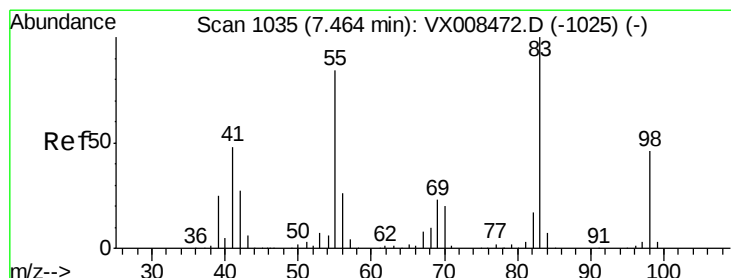
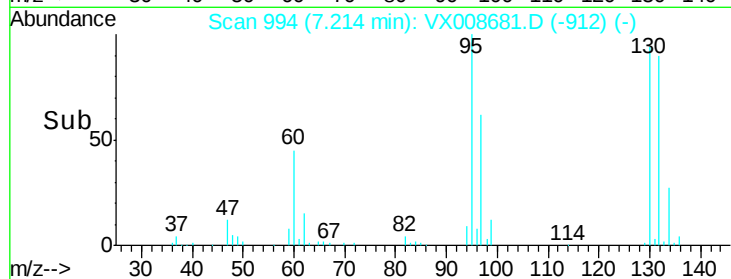
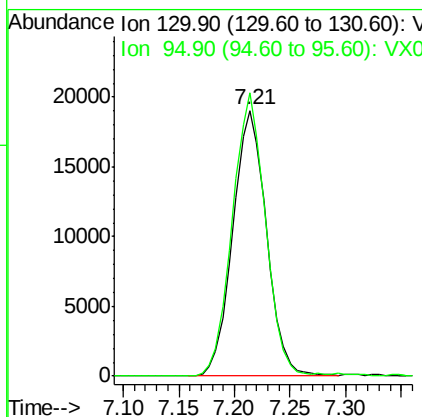
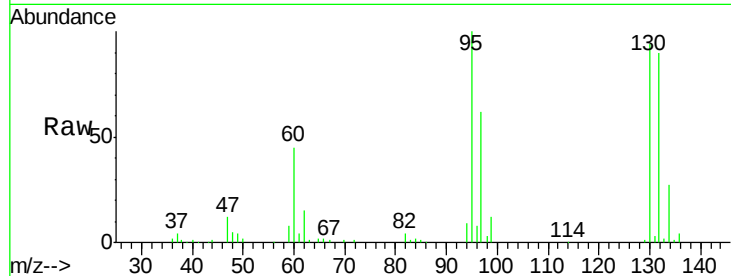
#37
 Trichloroethene
 Concen: 19.894 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion:130 Resp: 40044
 Ion Ratio Lower Upper
 130 100
 95 106.4 71.3 106.9

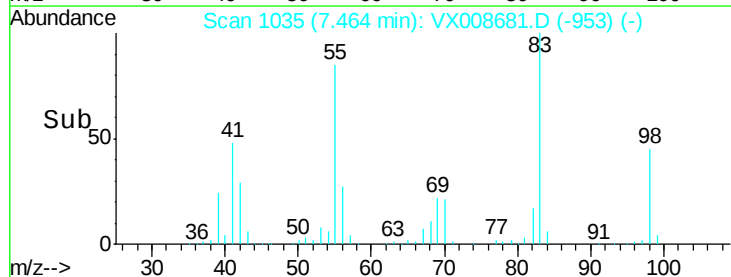
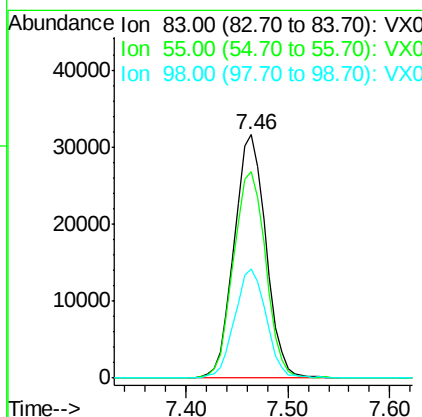
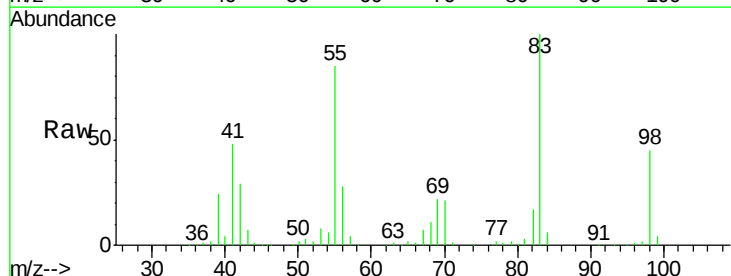
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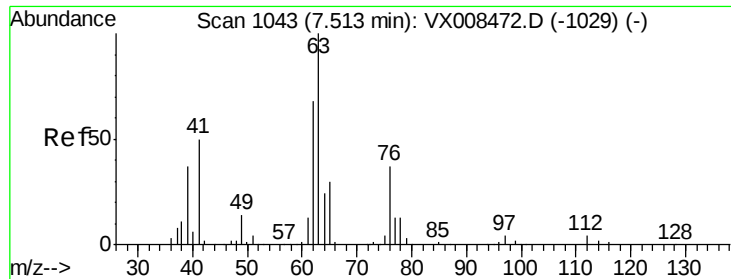
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 4/8/2019 9:49:30 AM



#38
 Methylcyclohexane
 Concen: 18.974 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion: 83 Resp: 68459
 Ion Ratio Lower Upper
 83 100
 55 85.9 36.0 108.0
 98 44.6 23.8 71.4





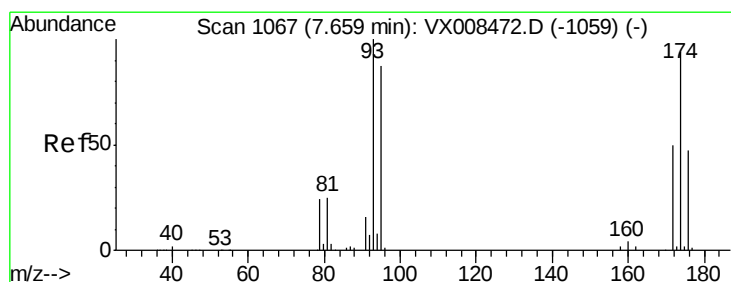
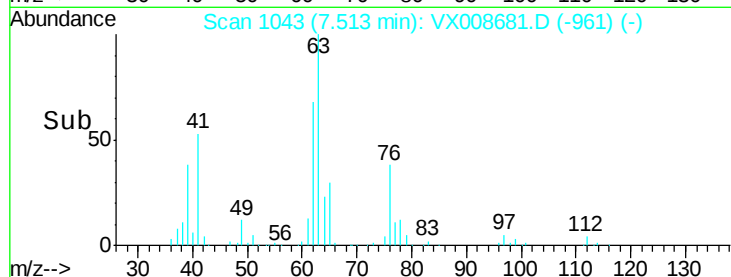
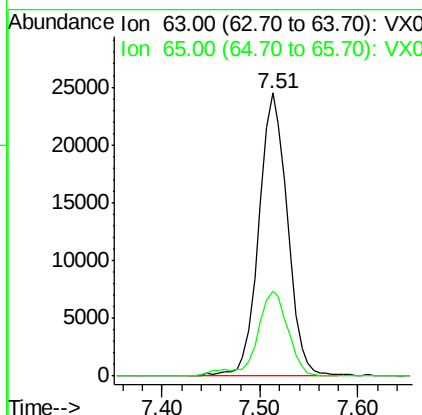
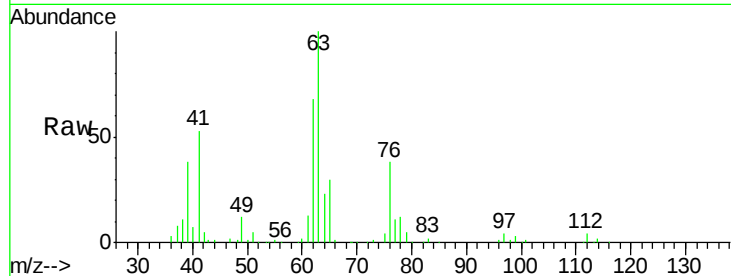
#39
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion: 63 Resp: 49733
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0

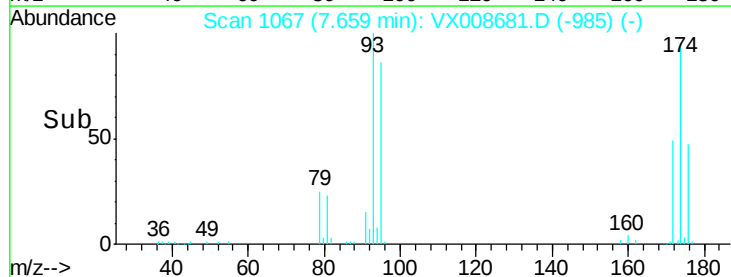
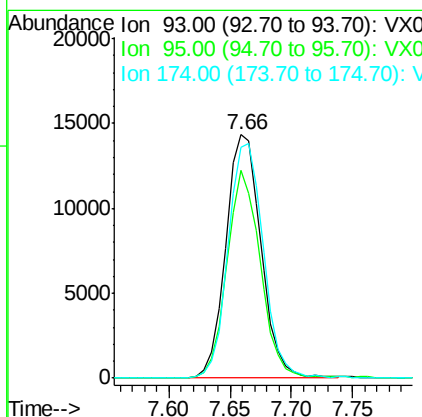
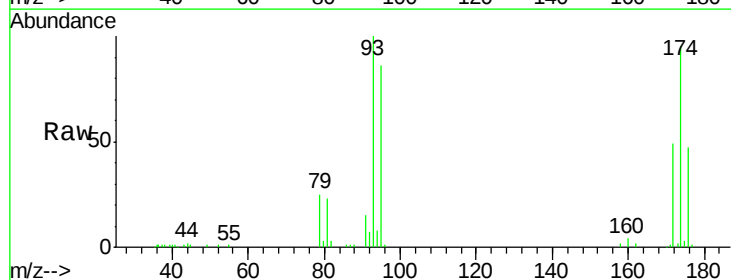
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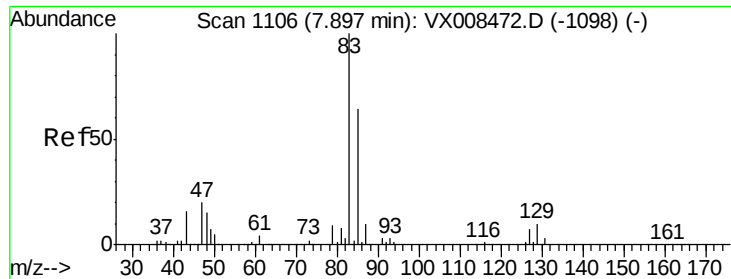
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#40
 Dibromomethane
 Concen: 19.896 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion: 93 Resp: 28612
 Ion Ratio Lower Upper
 93 100
 95 80.6 0.0 158.8
 174 96.0 0.0 224.2





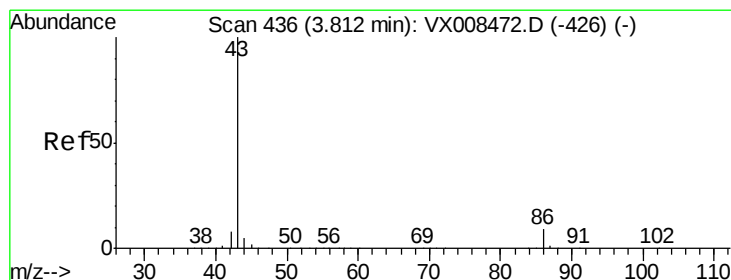
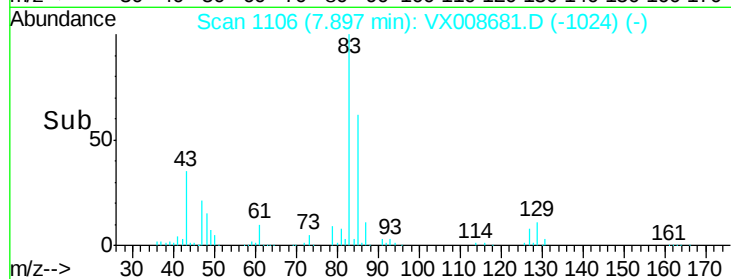
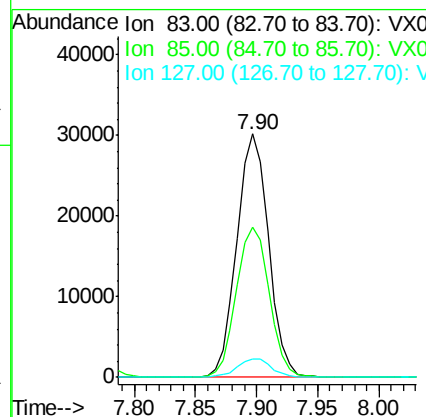
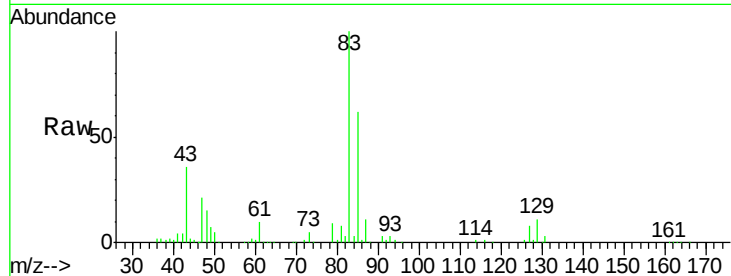
#41
 Bromodichloromethane
 Concen: 19.251 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.1	76.7
127	7.6	7.2	10.8

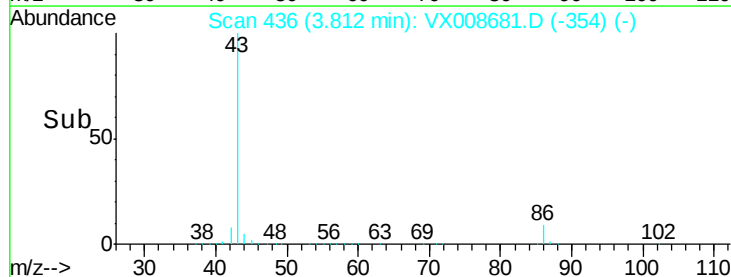
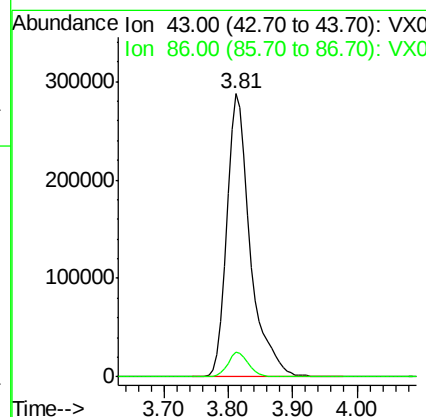
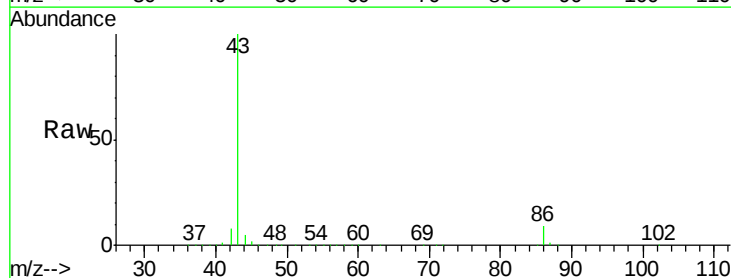
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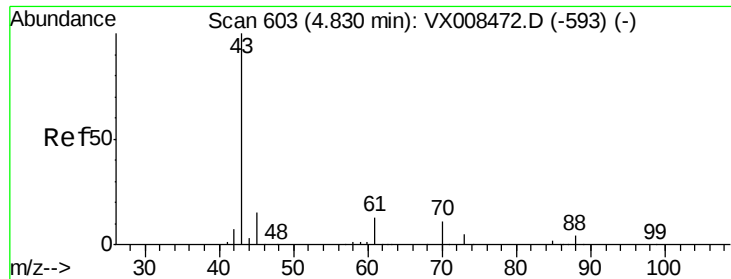
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#42
 Vinyl Acetate
 Concen: 102.914 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.7	8.2	12.2#





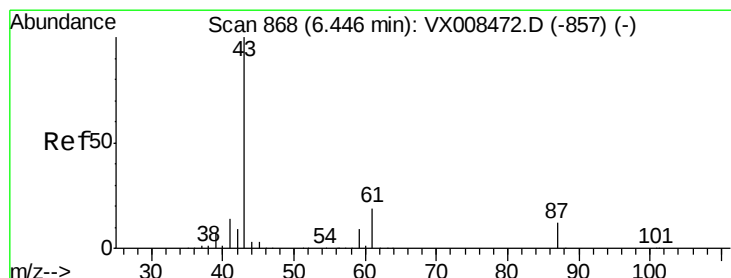
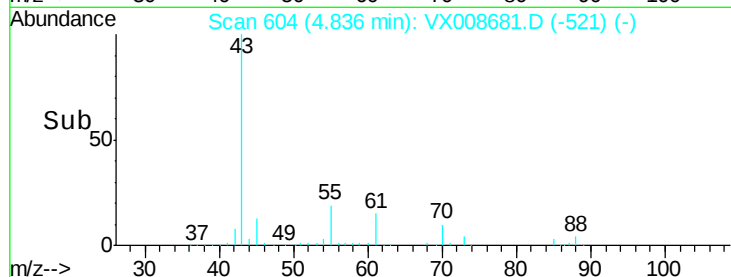
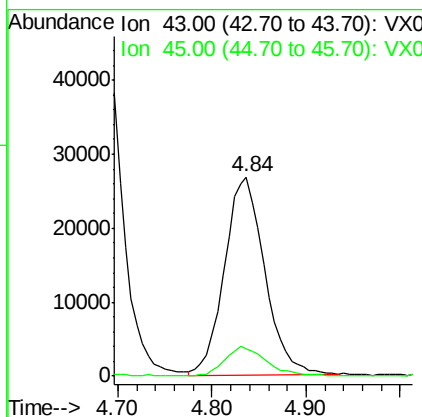
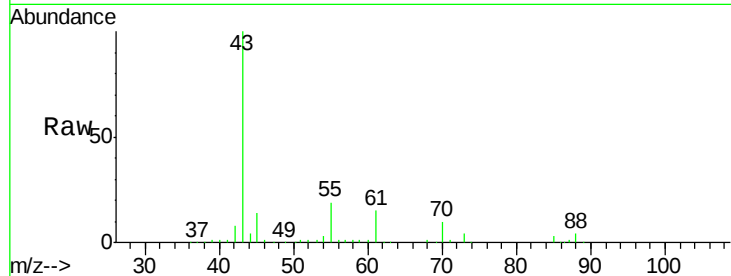
#43
Ethyl Acetate
Concen: 21.094 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion: 43 Resp: 79938
Ion Ratio Lower Upper
43 100
45 15.2 6.9 10.3#

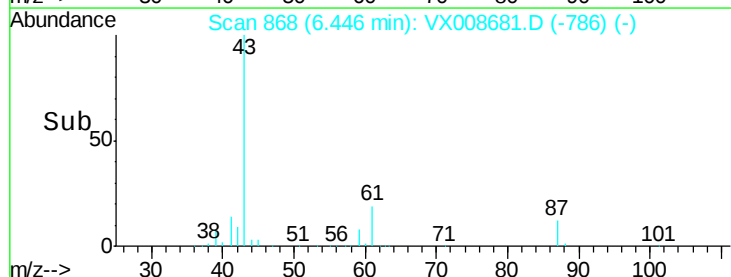
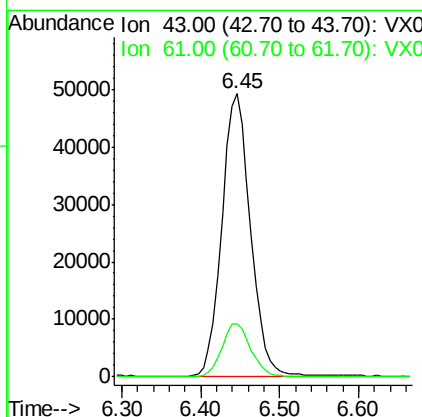
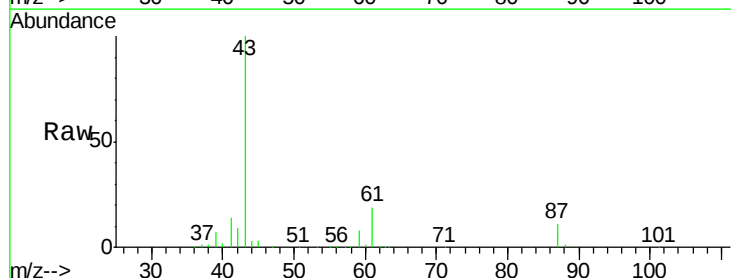
Manual Integrations
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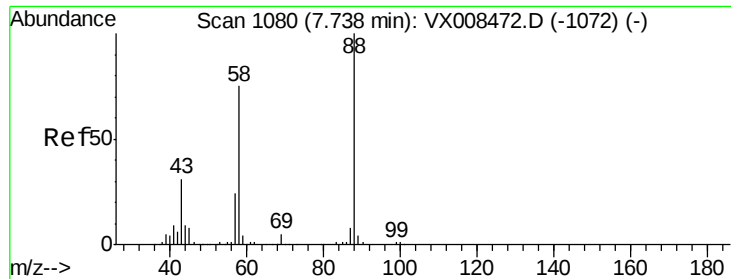
MMDadoda
4/8/2019 9:49:30 AM



#44
Isopropyl Acetate
Concen: 20.191 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion: 43 Resp: 123727
Ion Ratio Lower Upper
43 100
61 19.1 16.1 24.1





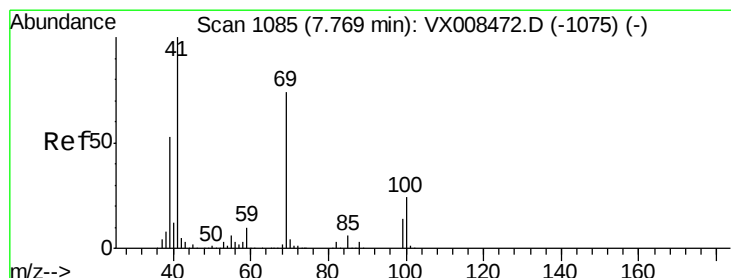
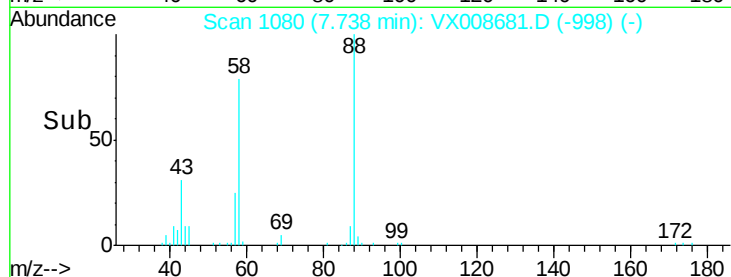
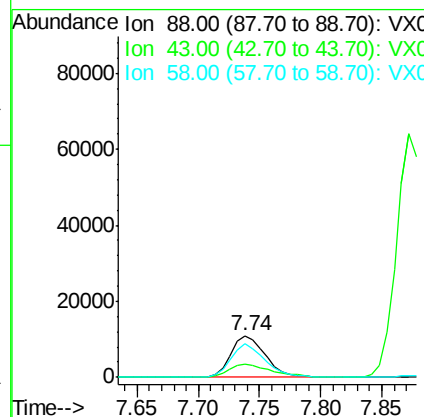
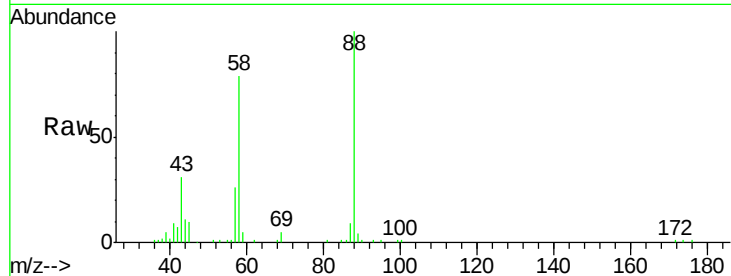
#45
 1,4-Dioxane
 Concen: 356.875 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.0	23.6	35.4#
58	79.0	51.6	77.4#

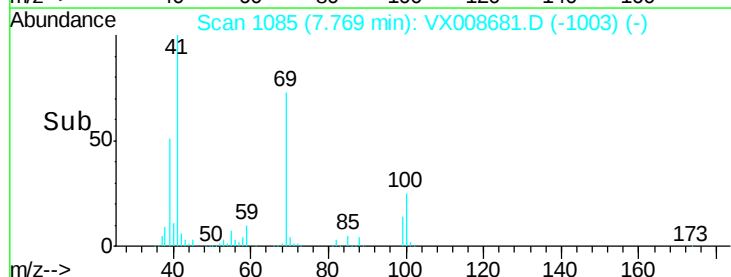
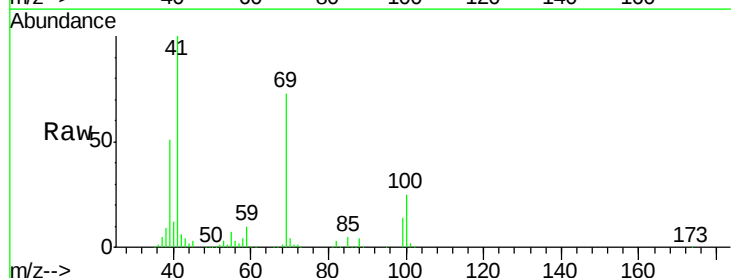
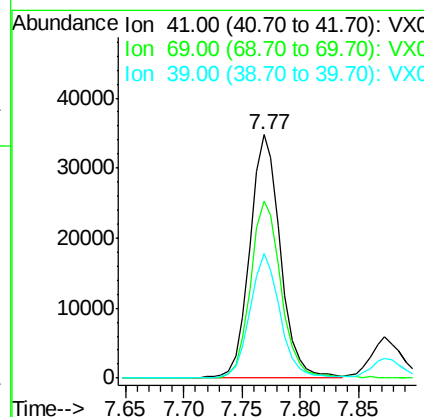
Manual Integrations
 APPROVED

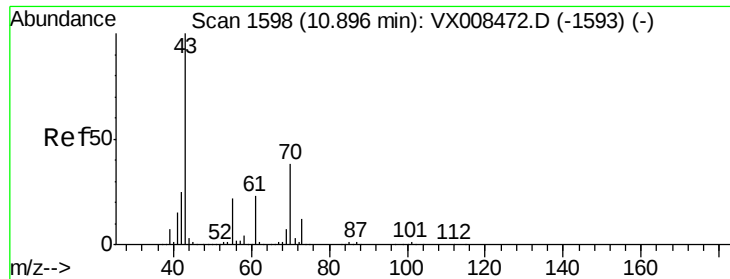
MMDadoda
 4/8/2019 9:49:30 AM



#46
 Methyl methacrylate
 Concen: 20.299 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.0	44.2	132.6
39	50.9	29.9	89.8





#47

n-amy1 Acetate

Concen: 20.172 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 43 Resp: 112283

Ion Ratio Lower Upper

43 100

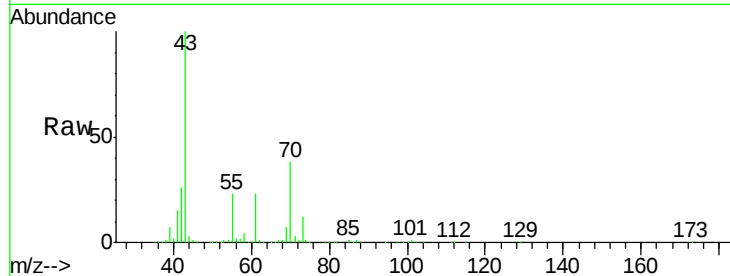
55 23.2 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

100000

80000

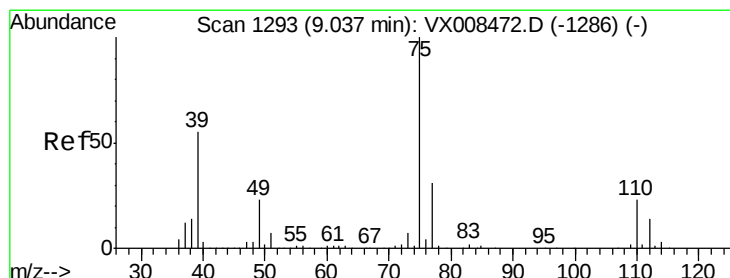
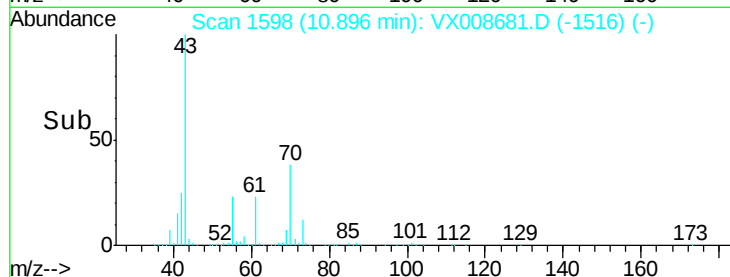
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.872 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008681.D

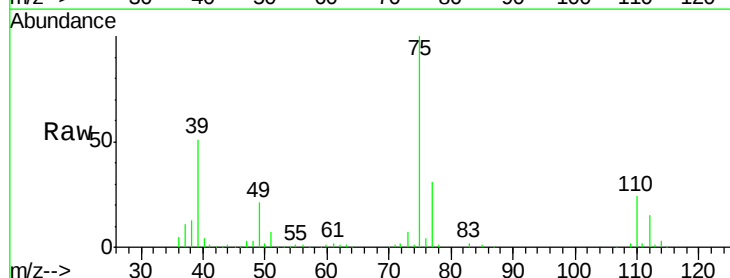
Acq: 05 Apr 2019 13:41

Tgt Ion: 75 Resp: 60276

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

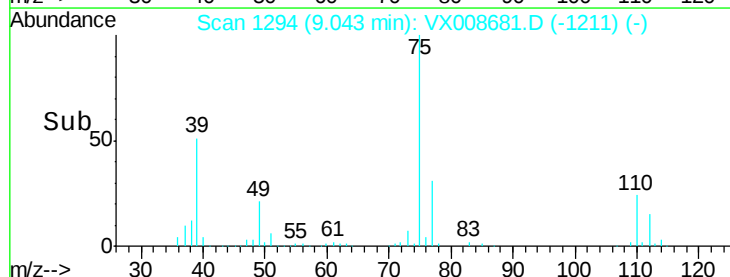
30000

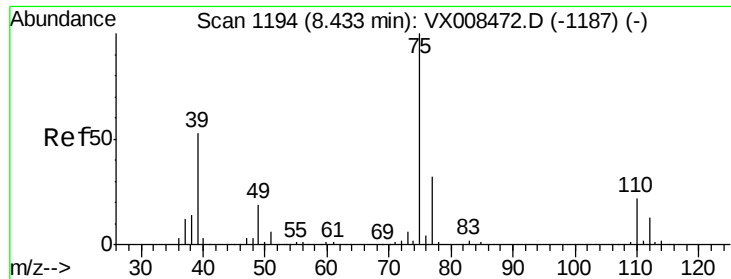
20000

10000

0

Time-->





#49

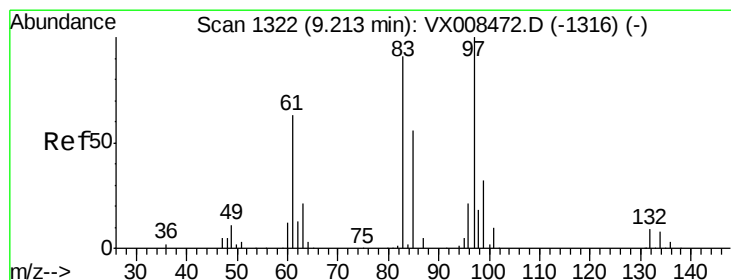
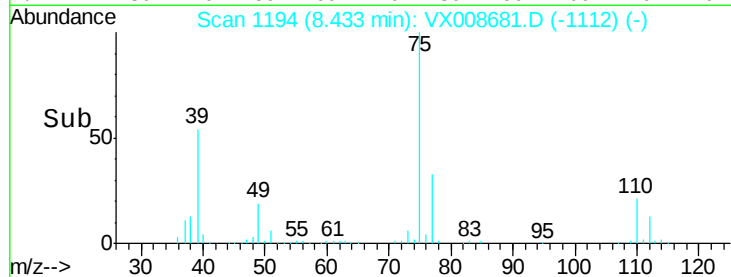
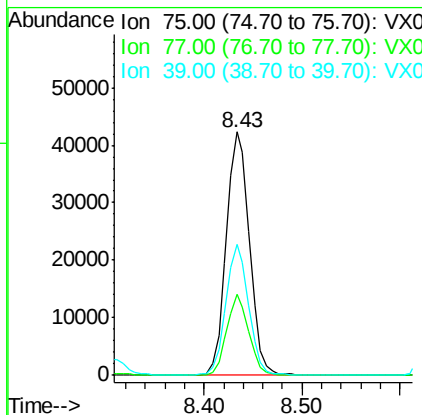
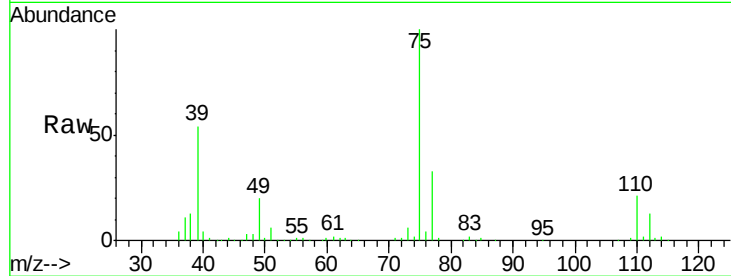
cis-1,3-Dichloropropene
 Concen: 19.474 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.0	37.4
39	53.7	38.5	57.7

Manual Integrations
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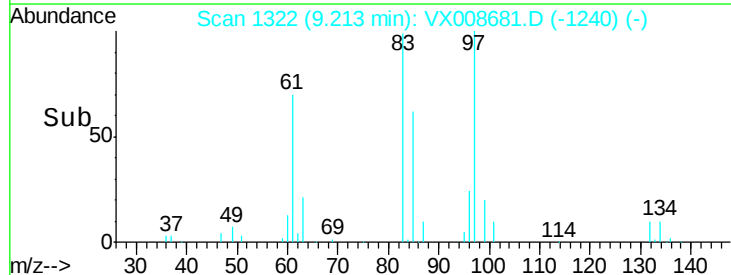
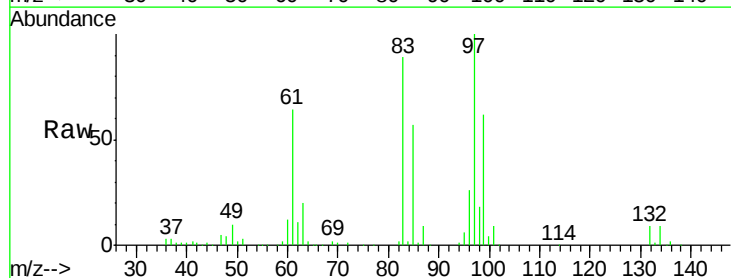
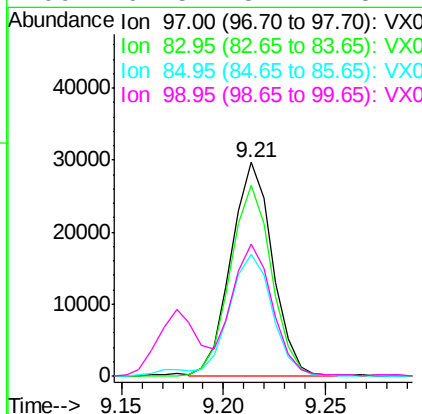
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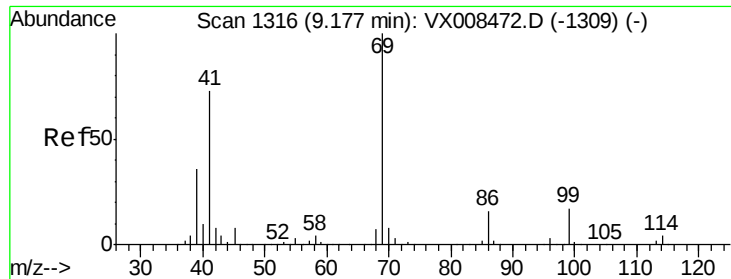


#50

1,1,2-Trichloroethane
 Concen: 19.637 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.0	108.0
85	56.8	45.0	67.6
99	61.5	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.474 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

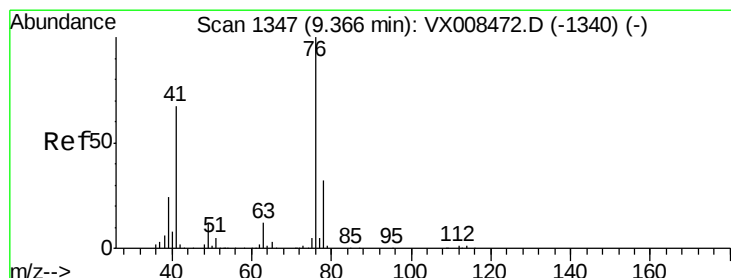
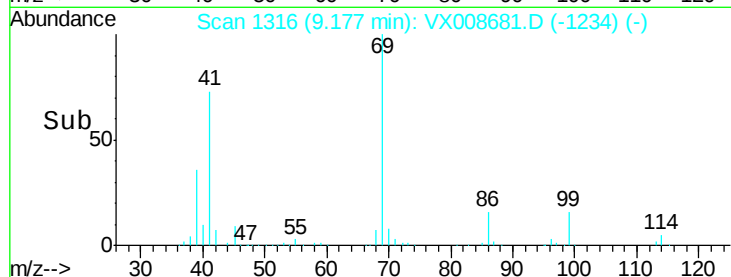
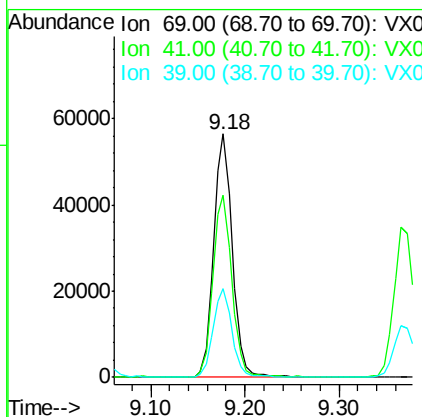
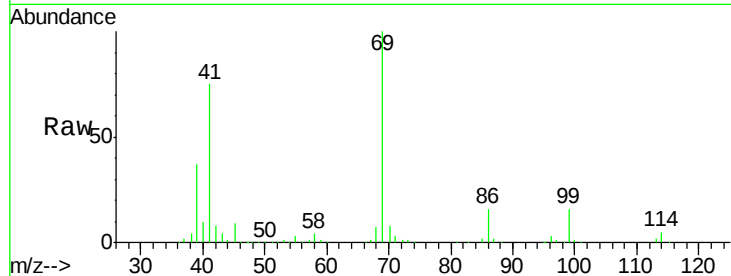
ClientSampleId :

VX0405WBSD01

Tgt Ion:	69	Resp:	77383
Ion	Ratio	Lower	Upper
69	100		
41	74.6	32.1	96.5
39	36.4	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.023 ug/l

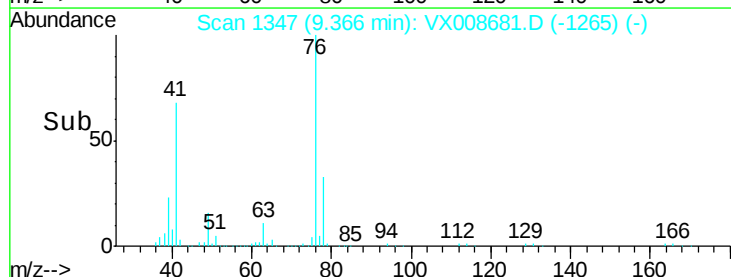
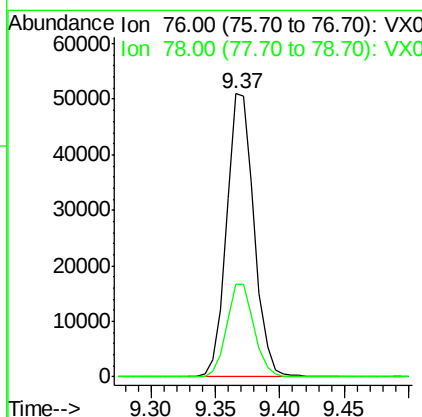
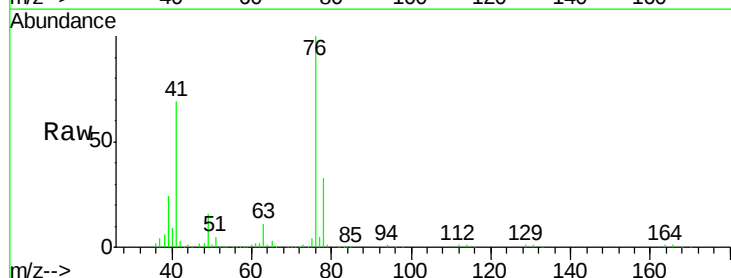
RT: 9.37 min Scan# 1347

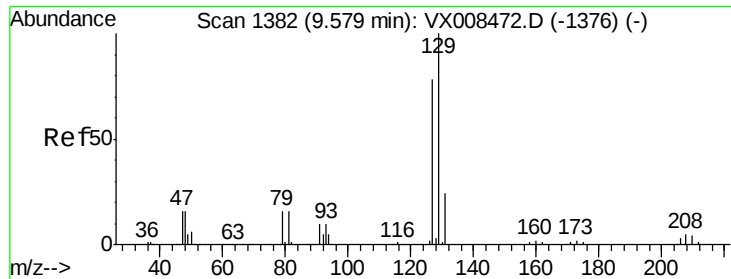
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion:	76	Resp:	76068
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.2





#53

Dibromochloromethane

Concen: 19.085 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion:129 Resp: 40103

Ion Ratio Lower Upper

129 100

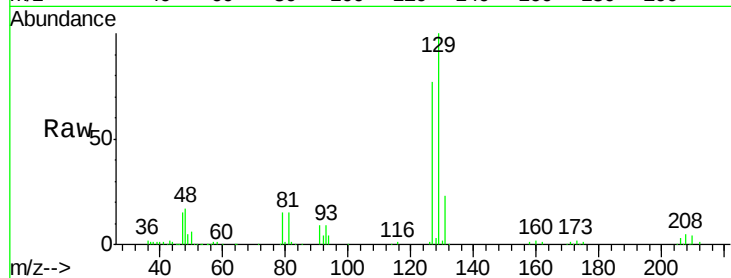
127 77.5 38.4 115.2

Manual Integrations

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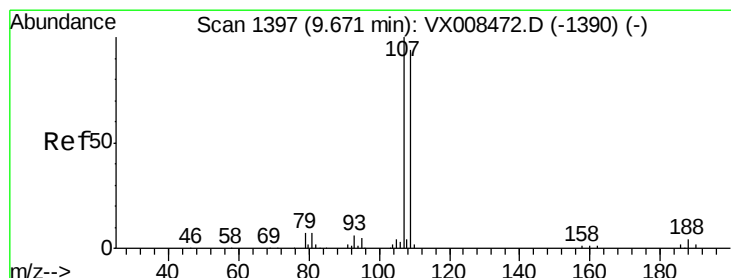
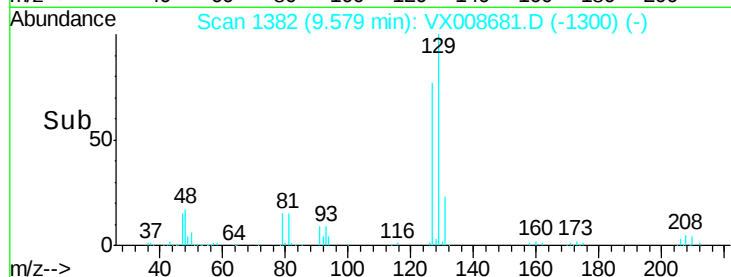
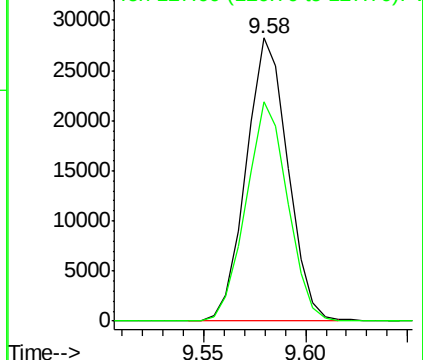
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.500 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008681.D

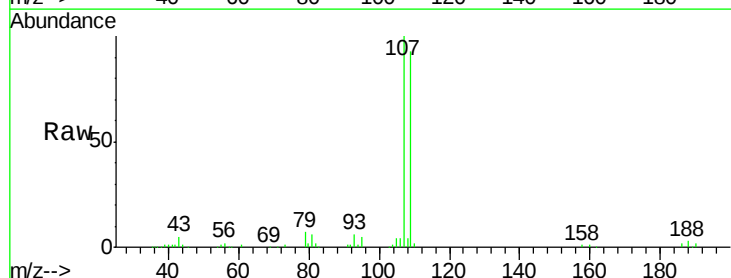
Acq: 05 Apr 2019 13:41

Tgt Ion:107 Resp: 42924

Ion Ratio Lower Upper

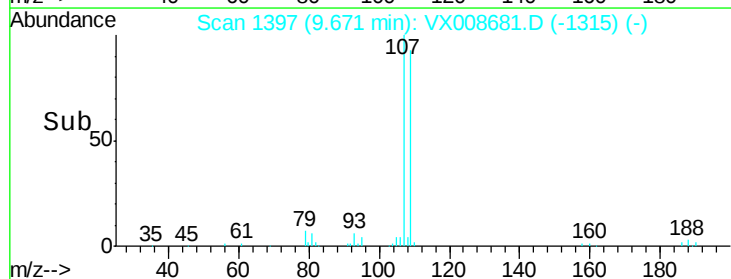
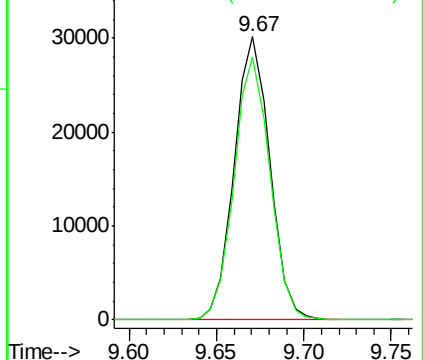
107 100

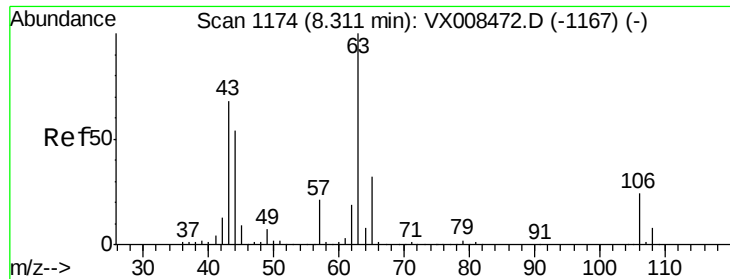
109 93.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.810 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0405WBSD01

Tgt Ion: 63 Resp: 202092

Ion Ratio Lower Upper

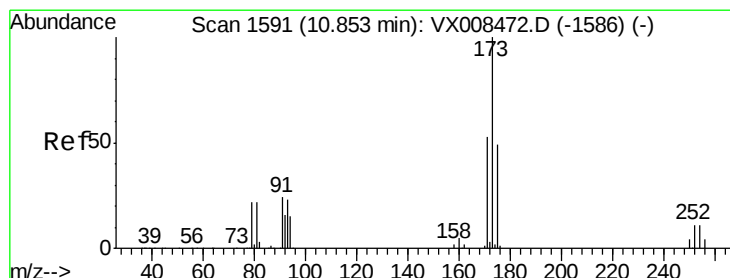
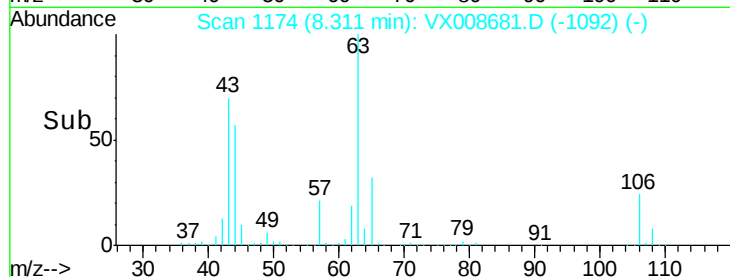
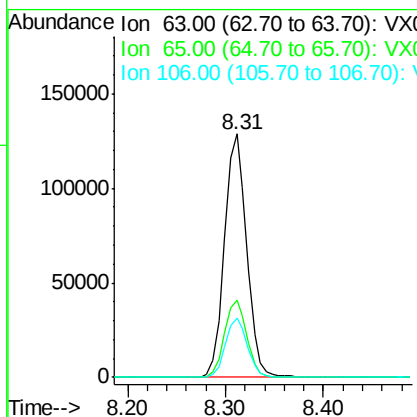
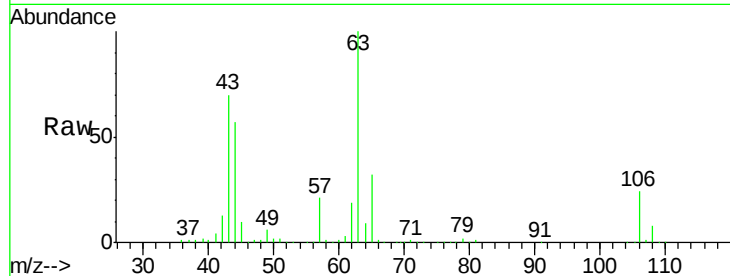
63 100

65 32.0 25.7 38.5

106 24.1 23.7 35.5

Manual Integrations
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#56

Bromoform

Concen: 18.371 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

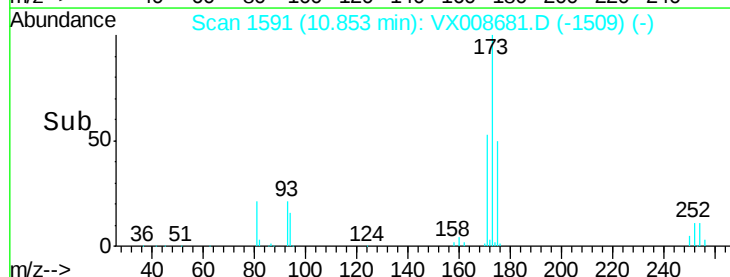
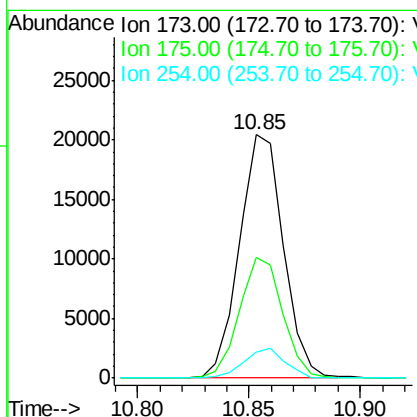
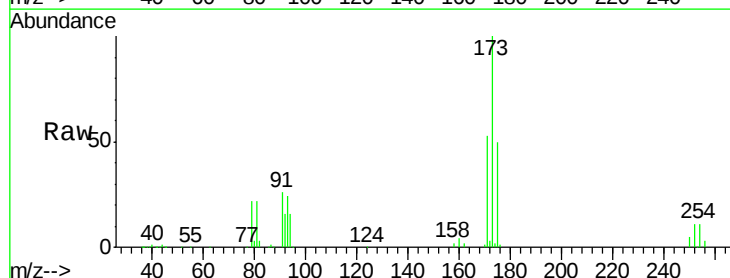
Tgt Ion: 173 Resp: 28134

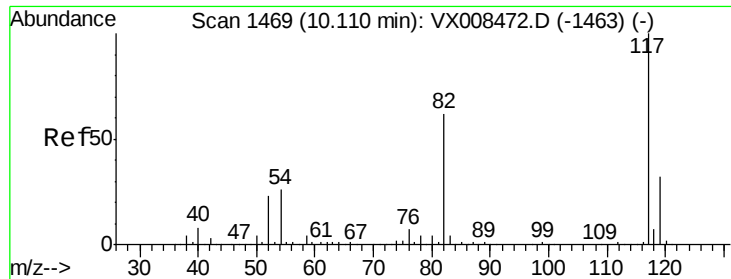
Ion Ratio Lower Upper

173 100

175 48.9 38.5 57.7

254 11.2 7.4 11.2#





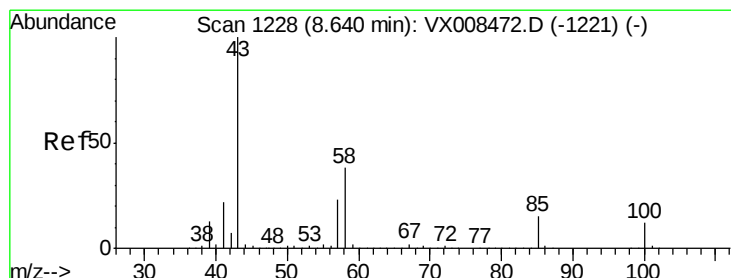
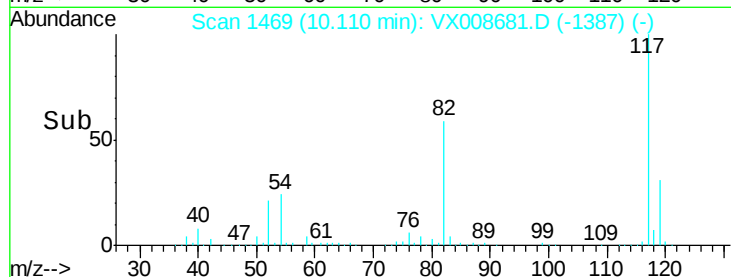
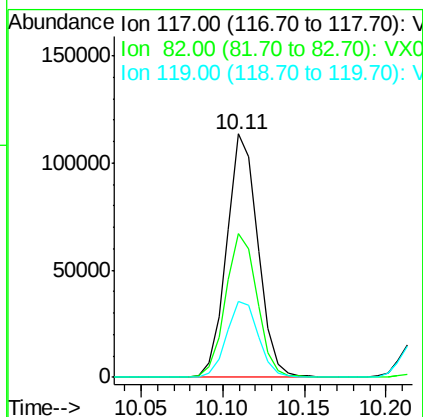
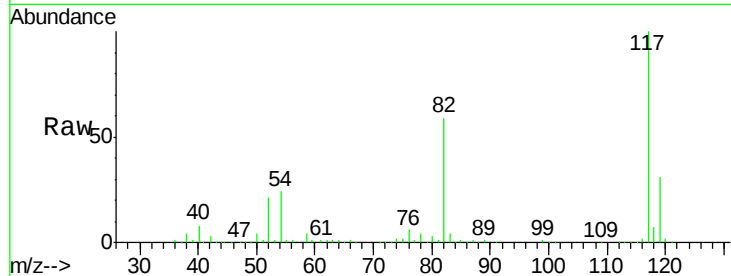
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.1	40.4	60.6
119	31.9	25.8	38.6

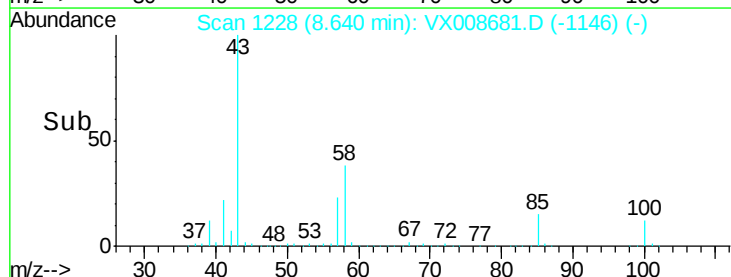
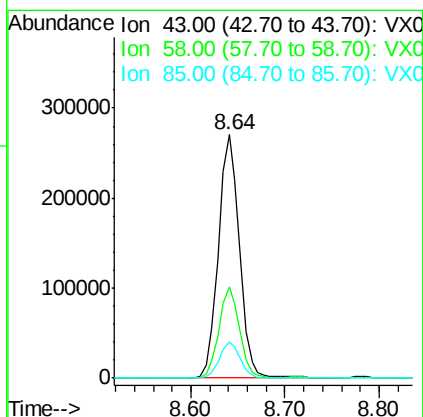
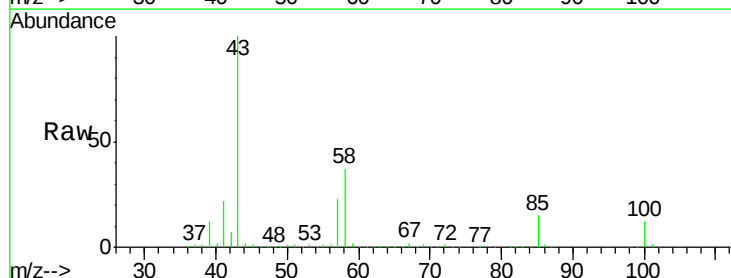
Manual Integrations
APPROVED

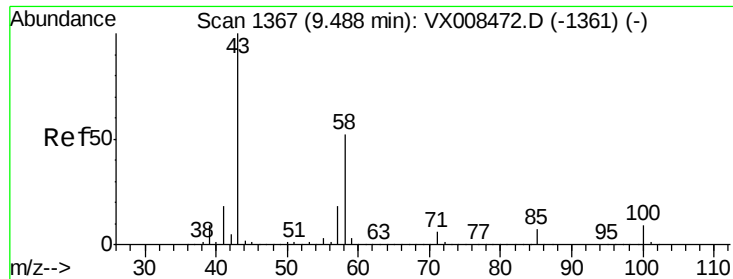
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 105.133 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	31.4	47.0
85	14.7	15.0	22.6#





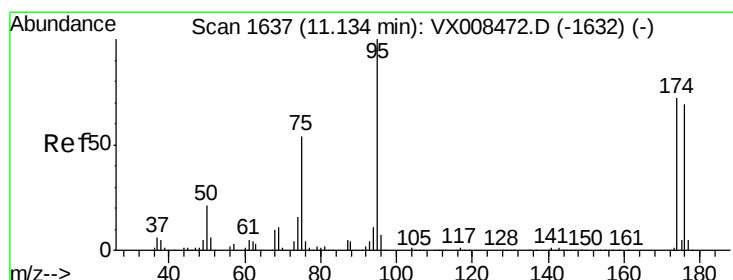
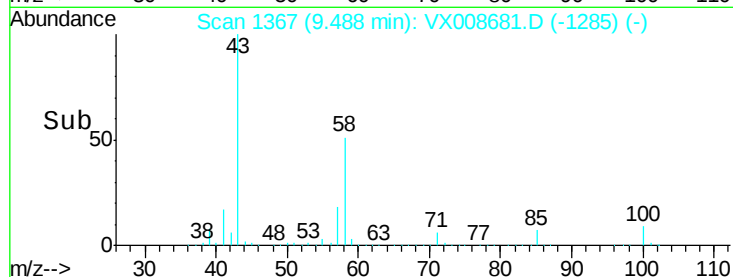
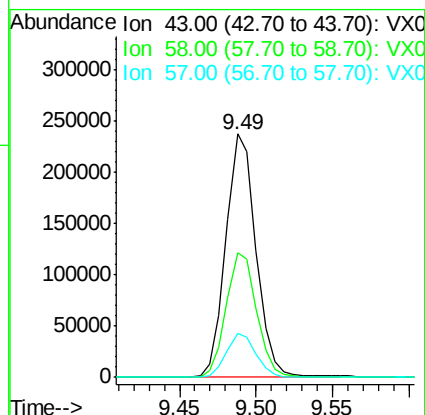
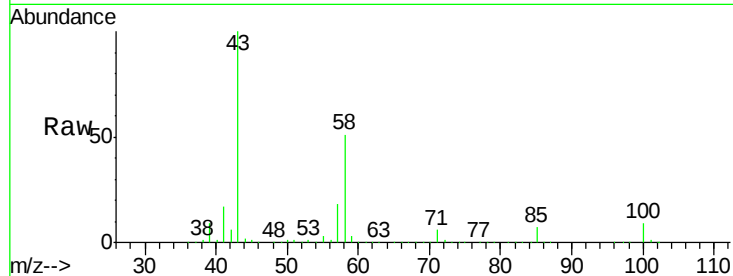
#59
2-Hexanone
Concen: 103.399 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.0	43.9	65.9
57	17.8	14.9	22.3

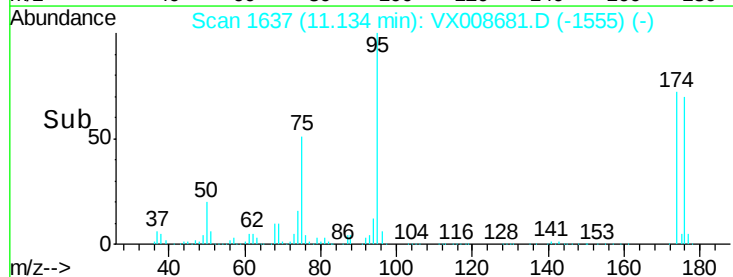
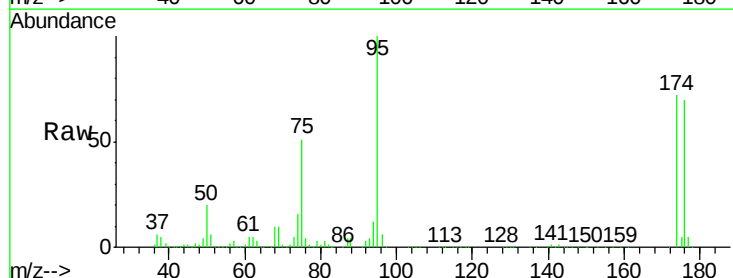
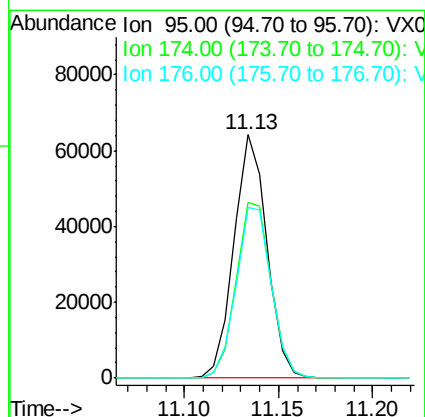
Manual Integrations
APPROVED

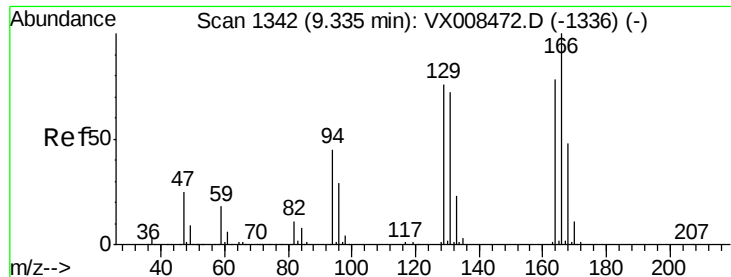
MMDadoda
4/8/2019 9:49:30 AM



#60
4-Bromofluorobenzene
Concen: 29.679 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	74.9	112.3
176	75.1	70.7	106.1





#61

Tetrachloroethene

Concen: 21.654 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

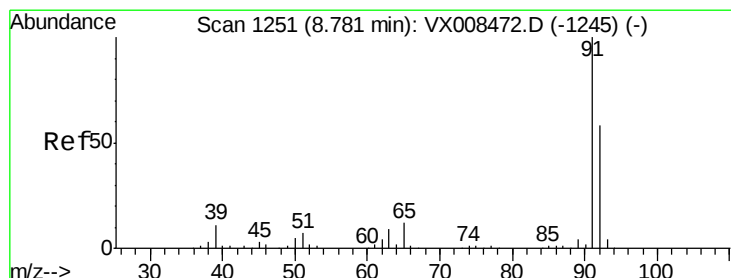
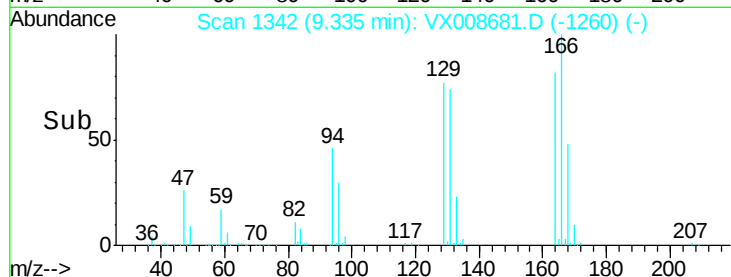
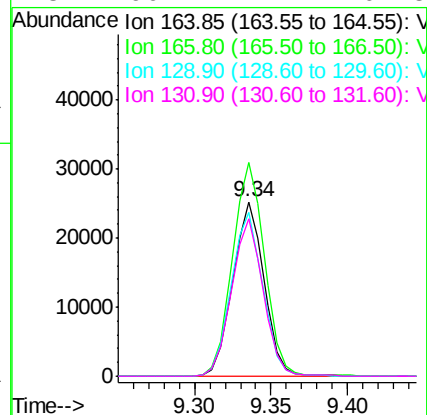
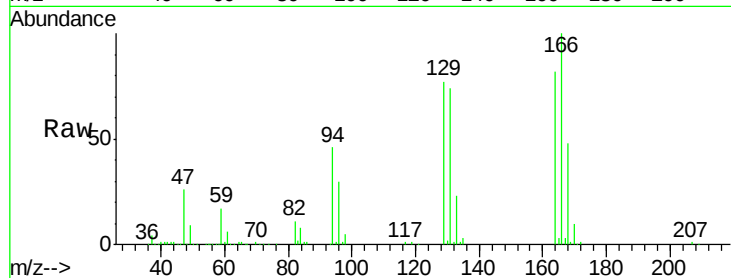
ClientSampleId :

VX0405WBSD01

Tgt Ion:	164	Resp:	35724
Ion	Ratio	Lower	Upper
164	100		
166	122.4	103.9	155.9
129	93.9	74.7	112.1
131	90.2	71.7	107.5

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#62

Toluene

Concen: 19.908 ug/l

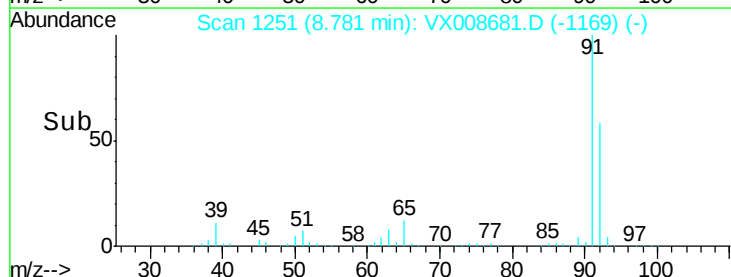
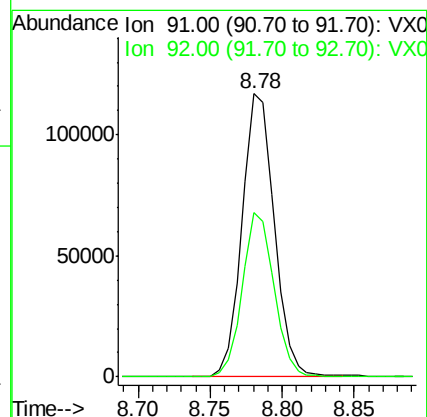
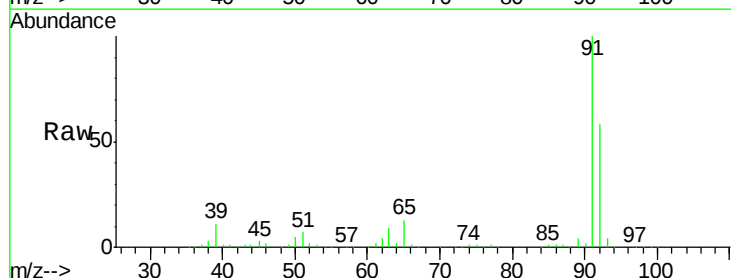
RT: 8.78 min Scan# 1251

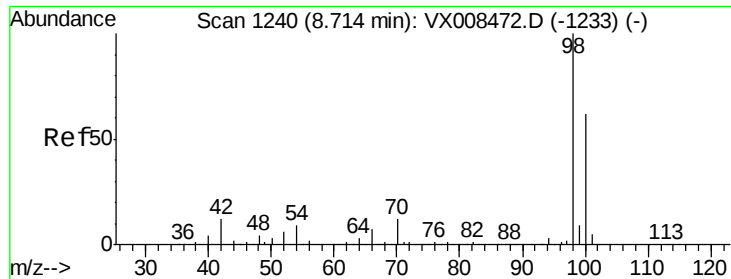
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion:	91	Resp:	181799
Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.4	69.6





#63

Toluene-d8

Concen: 30.225 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 98 Resp: 216393

Ion Ratio Lower Upper

98 100

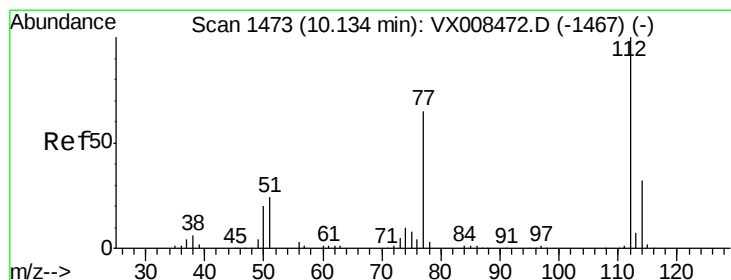
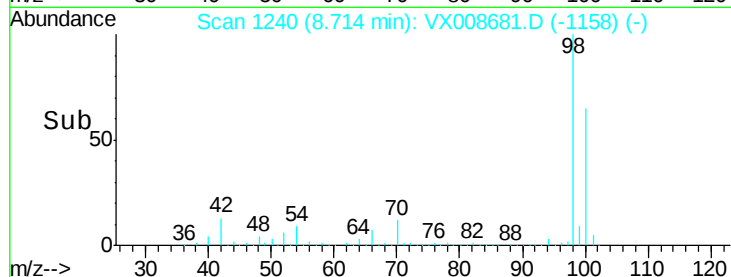
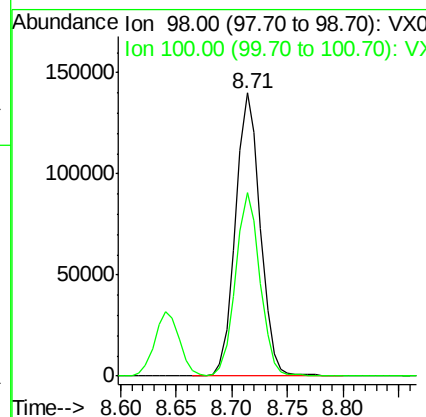
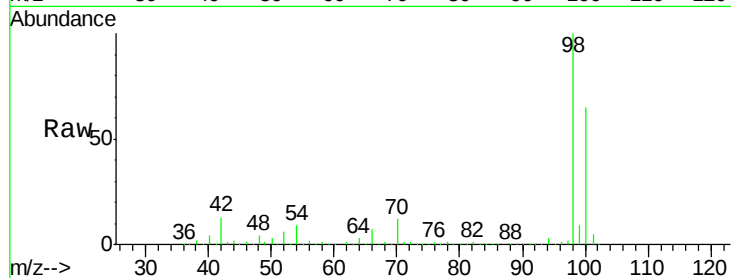
100 64.2 50.9 76.3

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#64

Chlorobenzene

Concen: 19.838 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008681.D

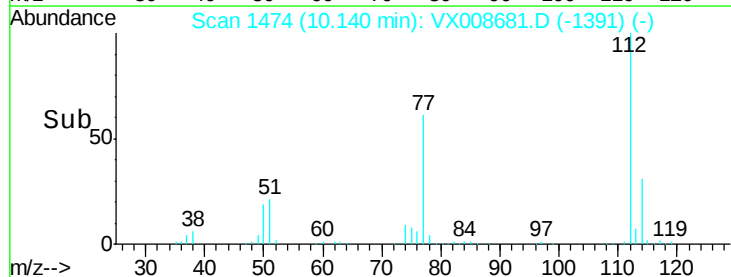
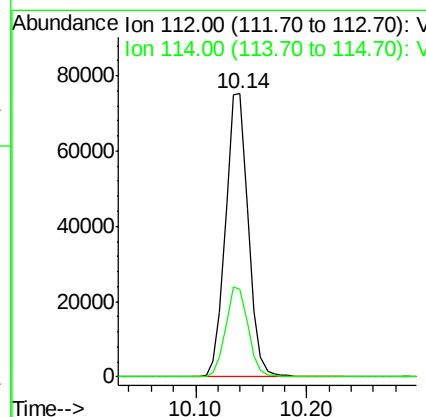
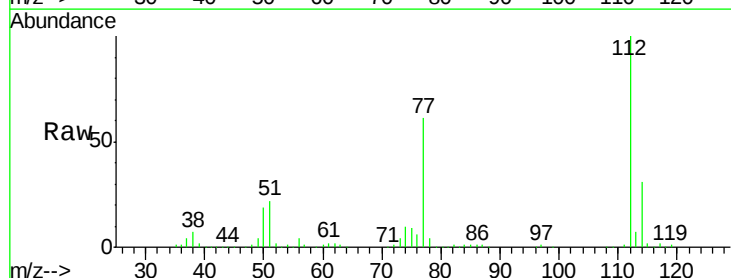
Acq: 05 Apr 2019 13:41

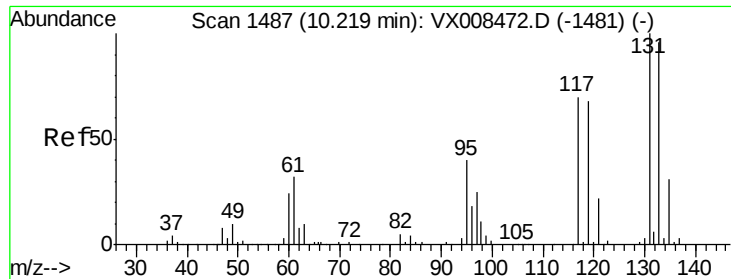
Tgt Ion: 112 Resp: 106147

Ion Ratio Lower Upper

112 100

114 31.1 25.4 38.2





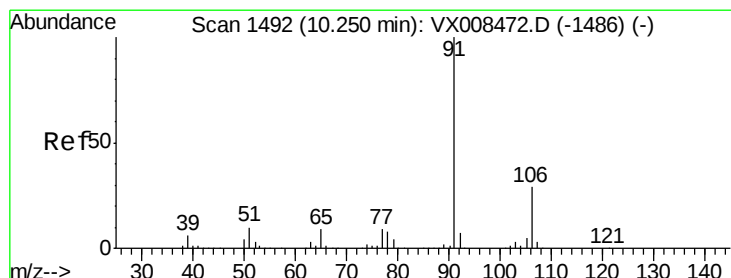
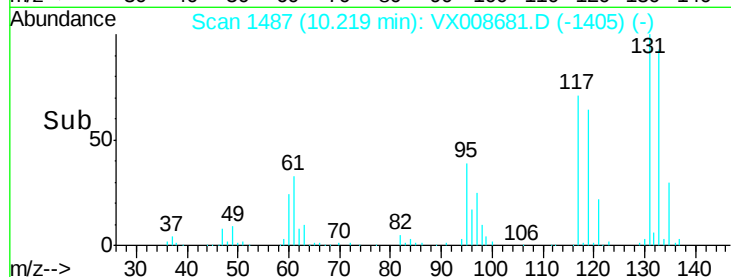
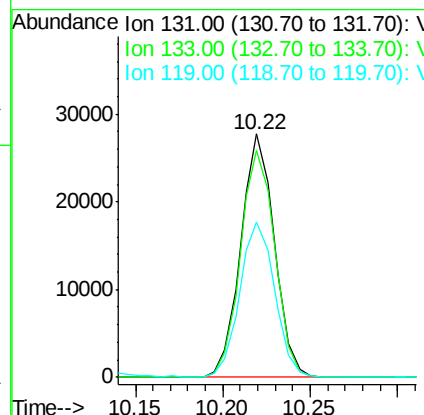
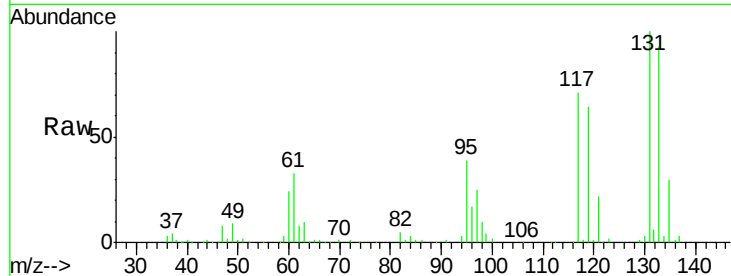
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.719 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion: 131 Resp: 37200
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 191.6
 119 66.1 0.0 127.4

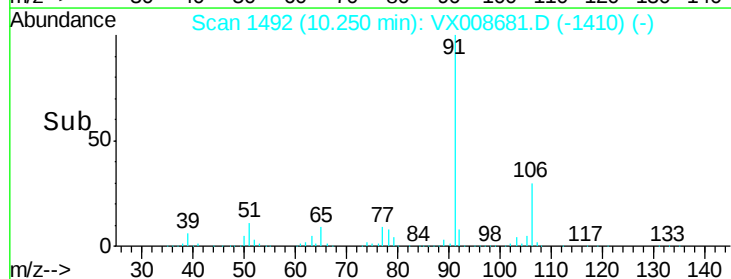
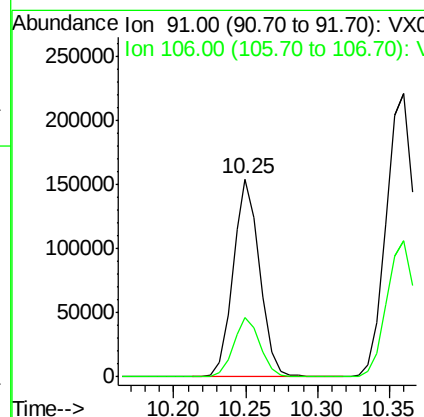
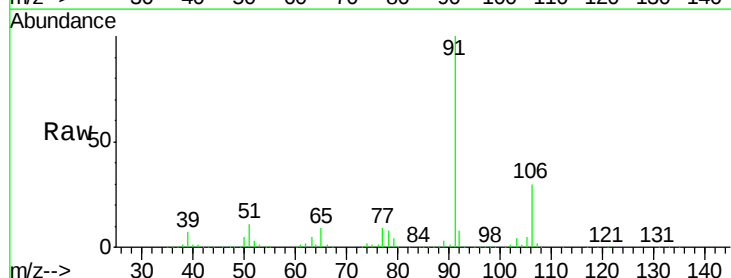
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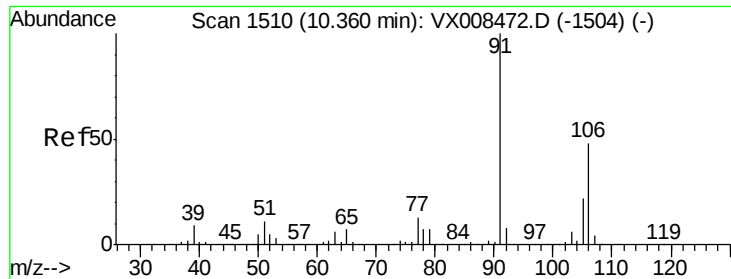
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#66
 Ethyl Benzene
 Concen: 19.749 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion: 91 Resp: 200176
 Ion Ratio Lower Upper
 91 100
 106 30.1 26.0 39.0





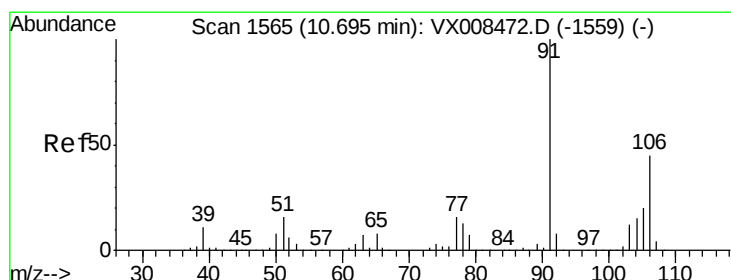
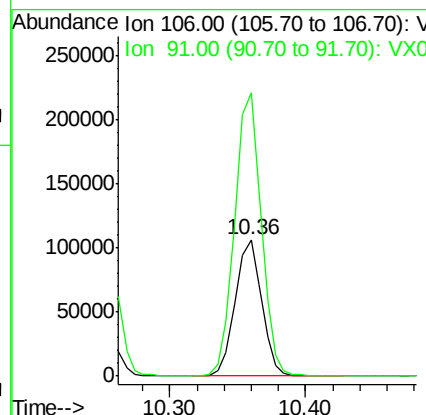
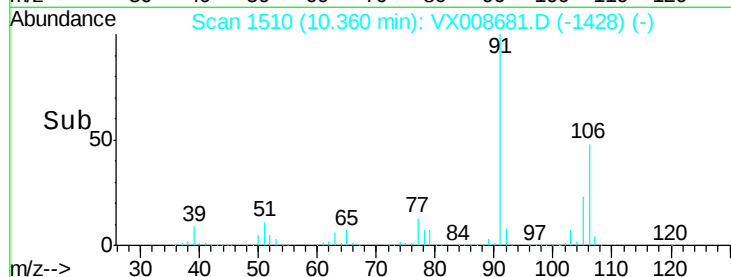
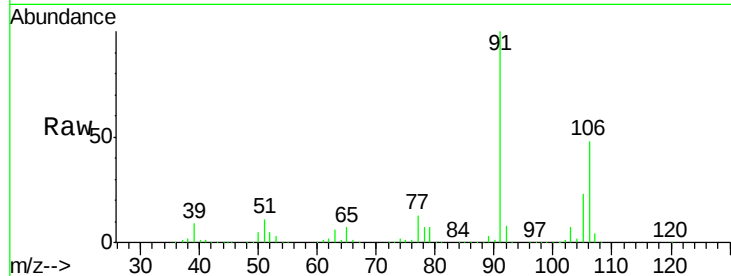
#67
m/p-Xylenes
Concen: 39.124 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampled :
VX0405WBSD01

Tgt Ion:106 Resp: 144641
Ion Ratio Lower Upper
106 100
91 208.3 157.0 235.4

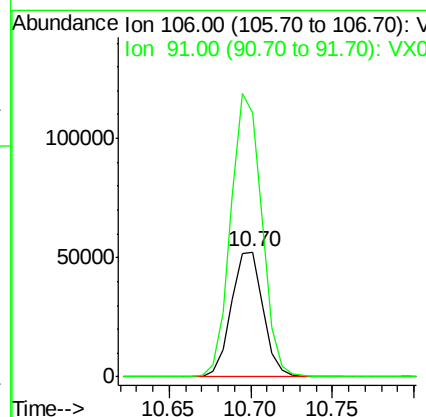
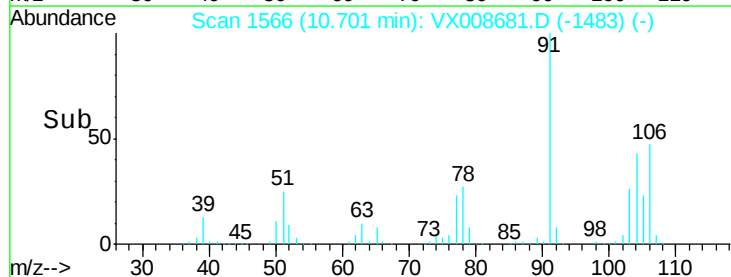
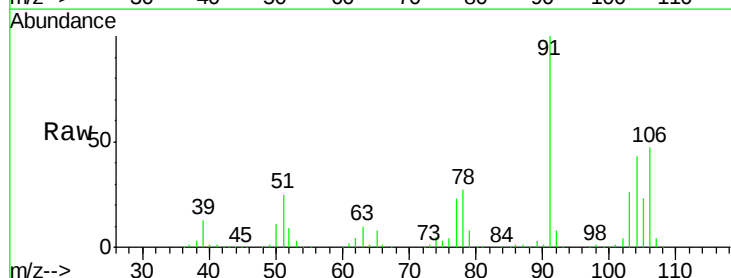
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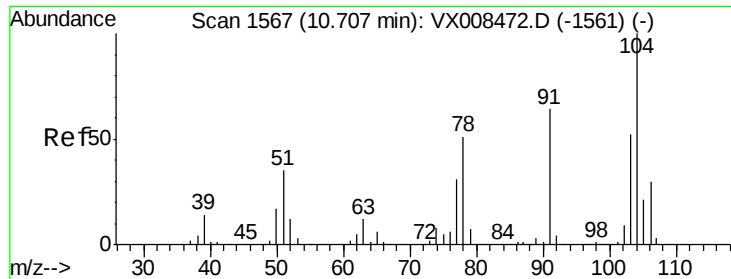
MMDadoda
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#68
o-Xylene
Concen: 19.585 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion:106 Resp: 70855
Ion Ratio Lower Upper
106 100
91 221.9 104.4 313.2





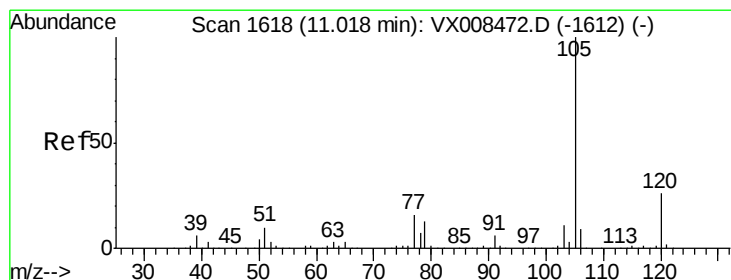
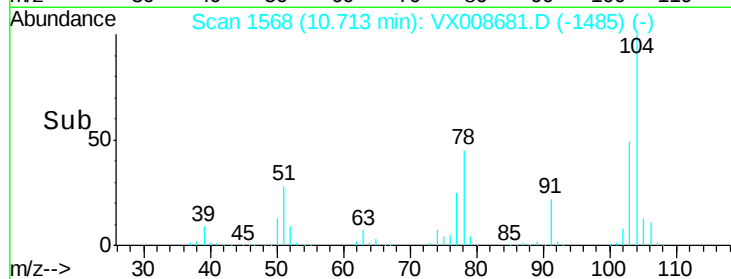
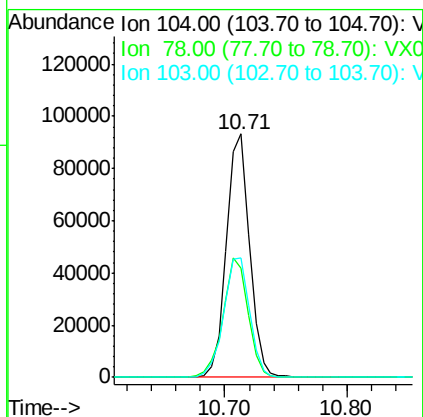
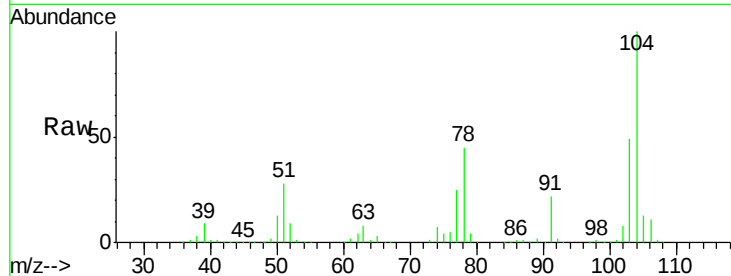
#69
Styrene
Concen: 19.416 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.7	38.2	57.2
103	54.9	45.0	67.4

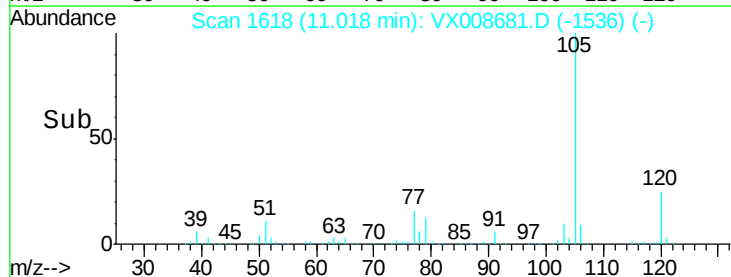
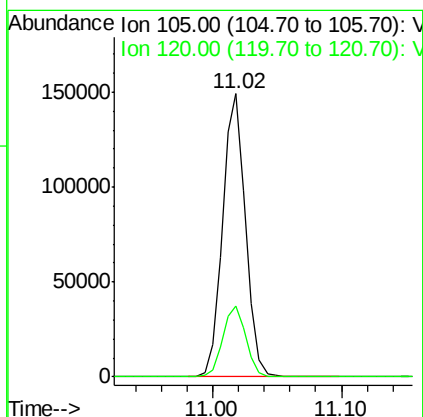
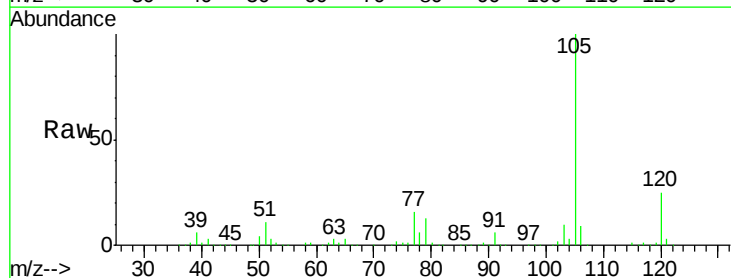
Manual Integrations
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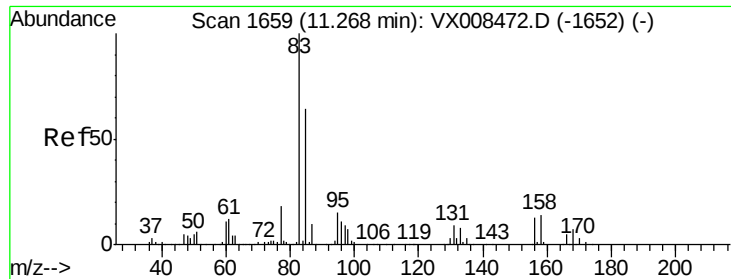
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#70
Isopropylbenzene
Concen: 19.586 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.934 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

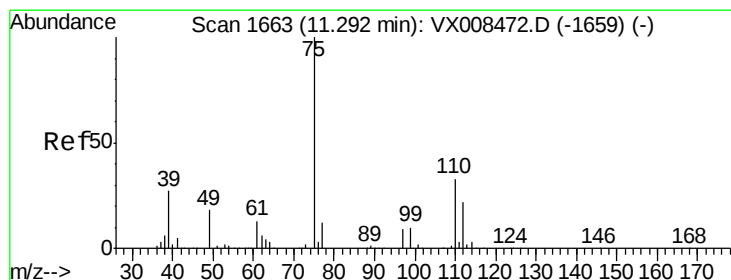
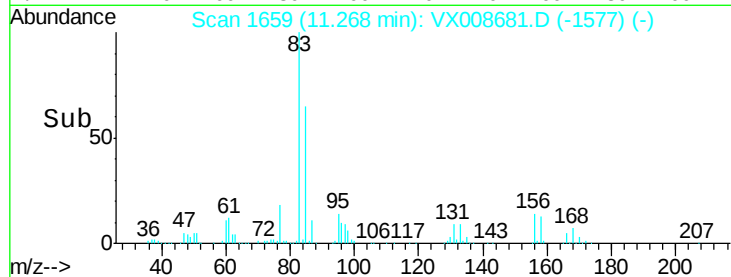
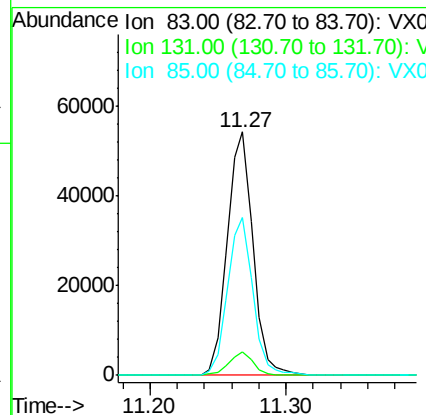
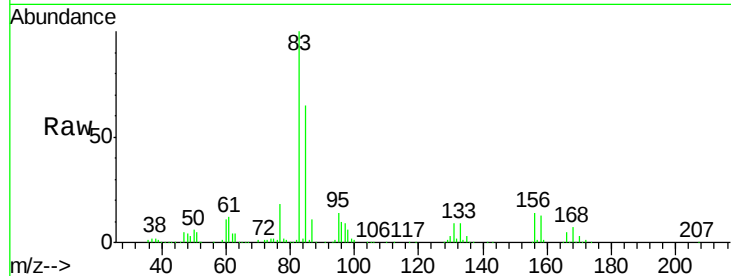
ClientSampled :

VX0405WBSD01

Tgt Ion:	83	Resp:	71066
Ion Ratio	Lower	Upper	
83	100		
131	9.1	5.4	16.2
85	63.8	32.8	98.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 23.200 ug/l m

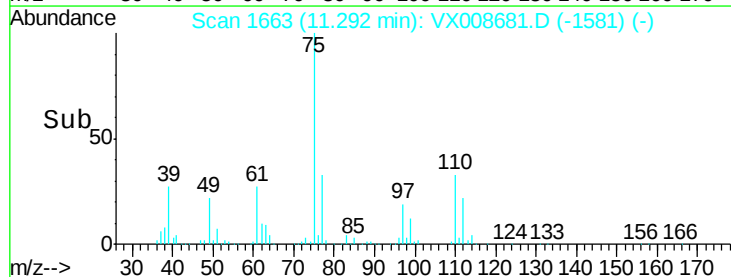
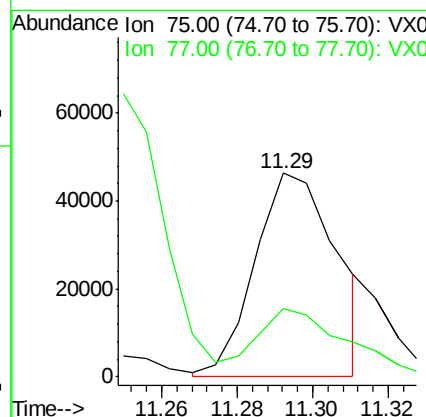
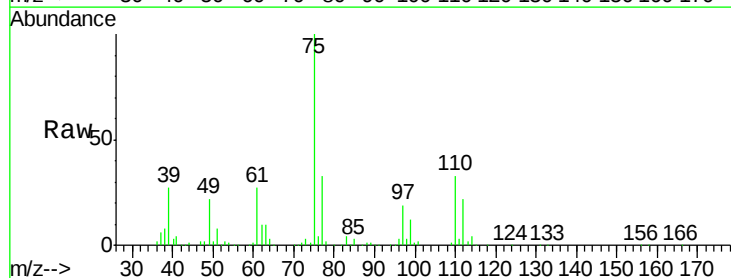
RT: 11.29 min Scan# 1663

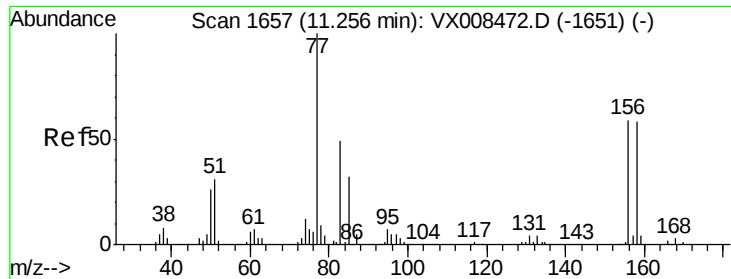
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion:	75	Resp:	69914
Ion Ratio	Lower	Upper	
75	100		
77	37.3	0.0	76.4





#73

Bromobenzene

Concen: 19.897 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

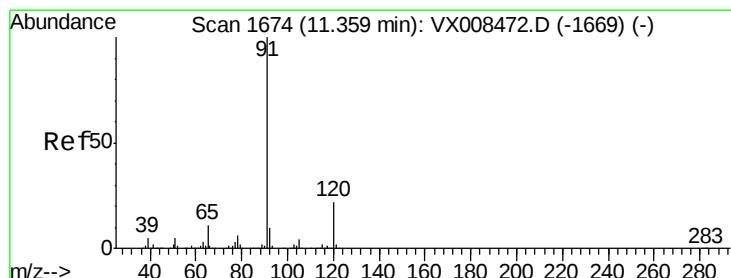
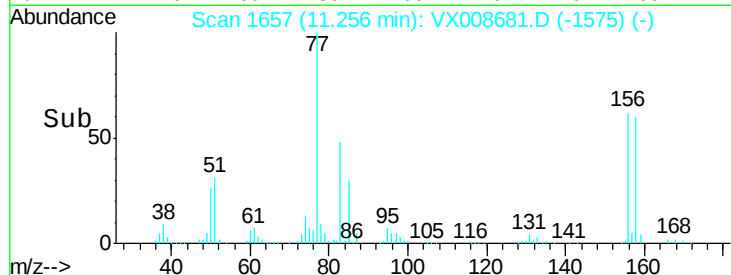
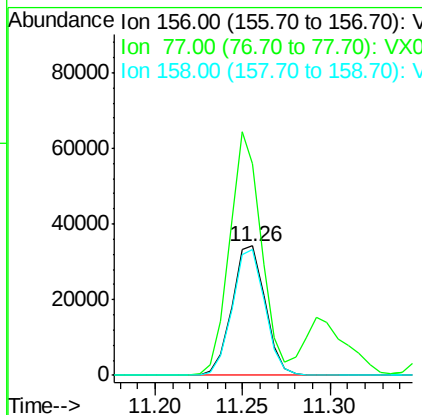
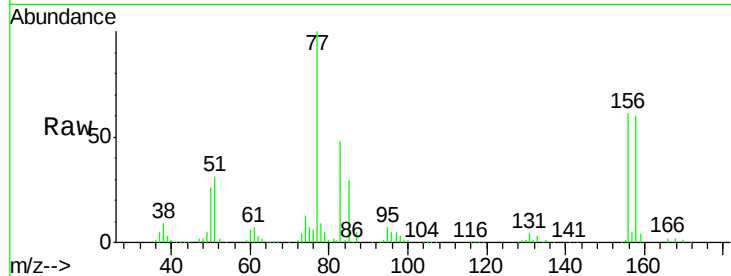
ClientSampleId :

VX0405WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	45176		
77	178.5	0.0	271.4	
158	95.9	0.0	194.0	

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#74

n-propylbenzene

Concen: 19.164 ug/l

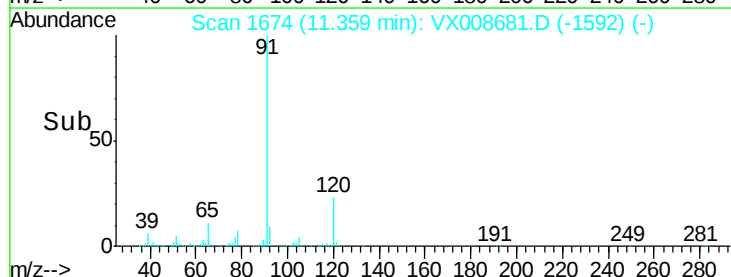
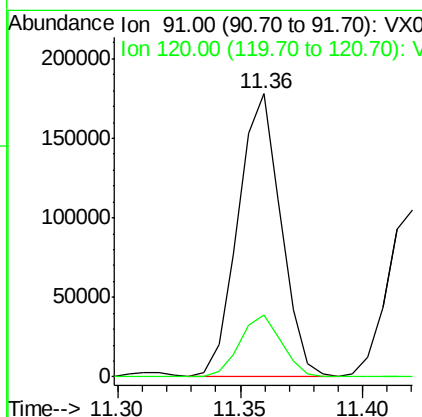
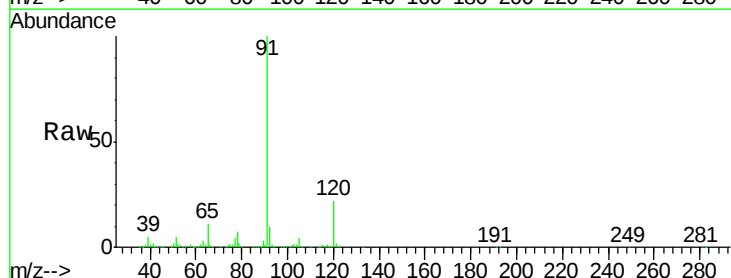
RT: 11.36 min Scan# 1674

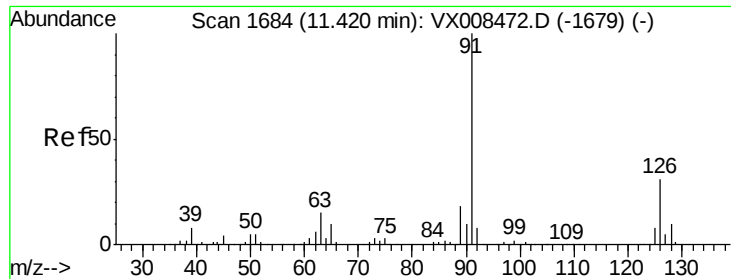
Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	217878		
120	21.6	0.0	48.6	





#75

2-Chlorotoluene

Concen: 19.362 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 91 Resp: 130963

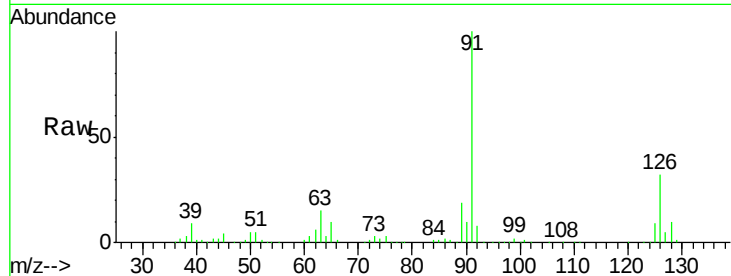
Ion Ratio Lower Upper

91 100

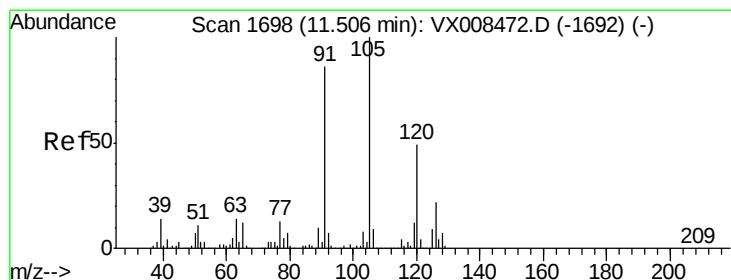
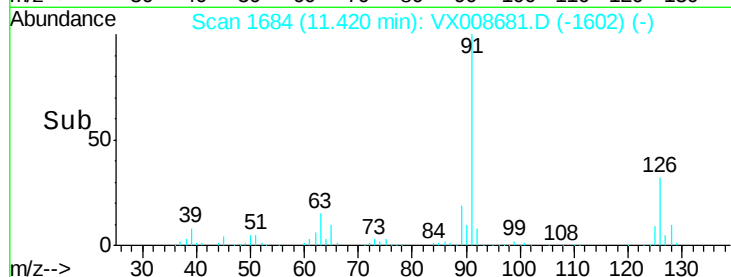
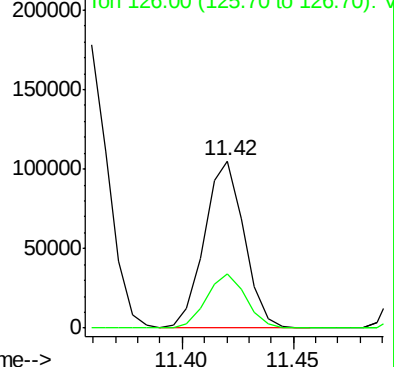
126 32.1 0.0 75.2

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Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.220 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008681.D

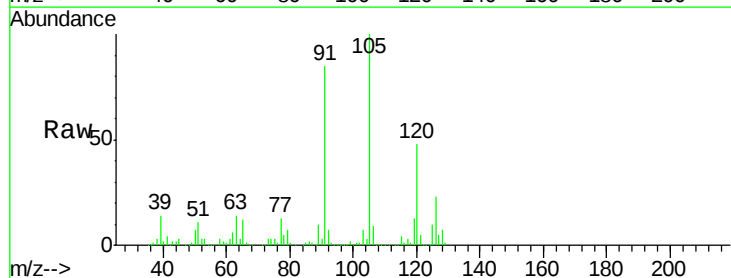
Acq: 05 Apr 2019 13:41

Tgt Ion: 105 Resp: 156814

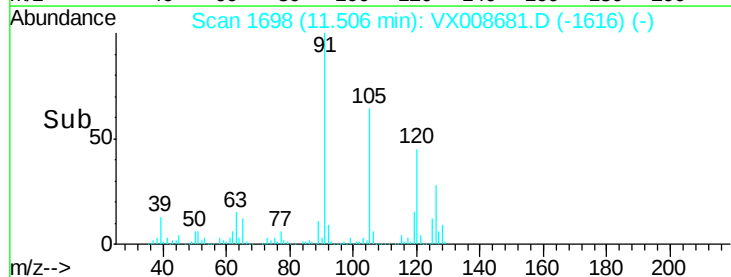
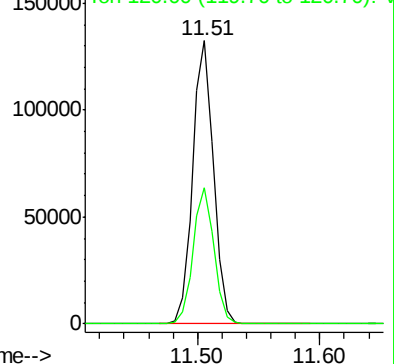
Ion Ratio Lower Upper

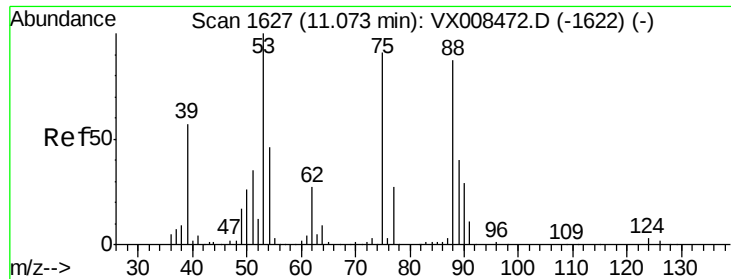
105 100

120 47.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.098 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBSD01

Tgt Ion: 75 Resp: 20920

Ion Ratio Lower Upper

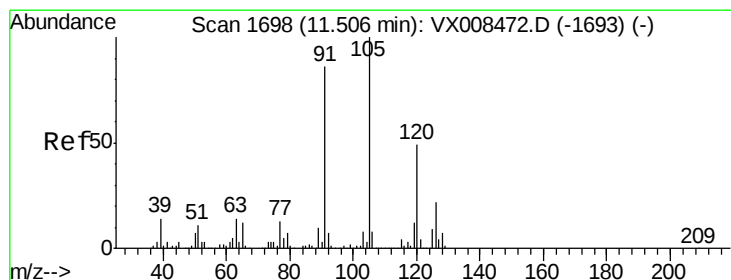
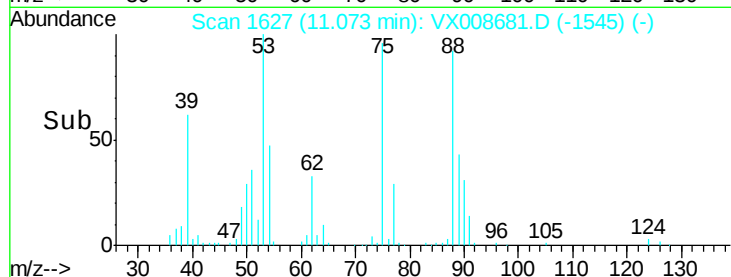
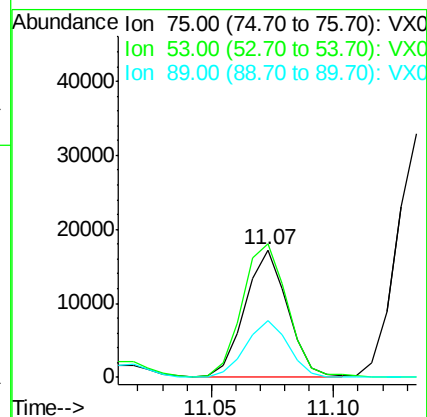
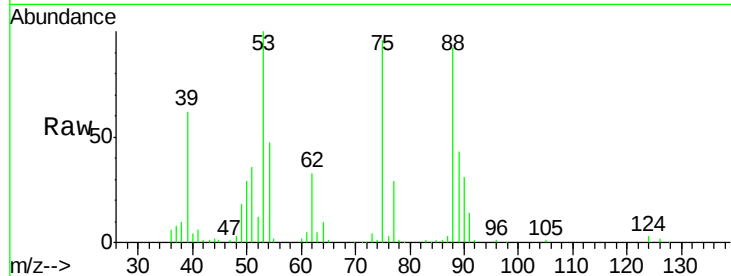
75 100

53 103.7 55.5 166.7

89 44.7 24.4 73.2

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#78

4-Chlorotoluene

Concen: 18.866 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008681.D

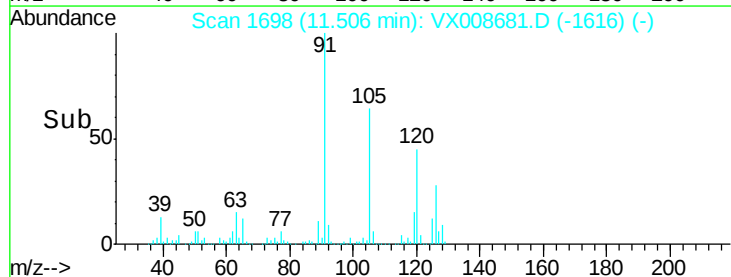
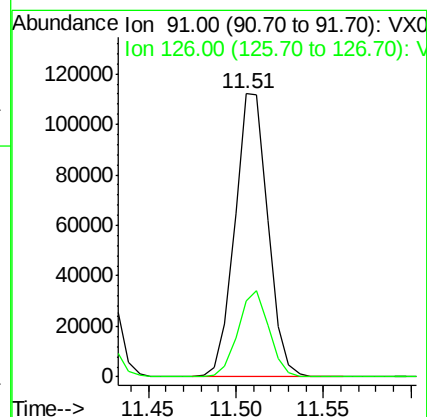
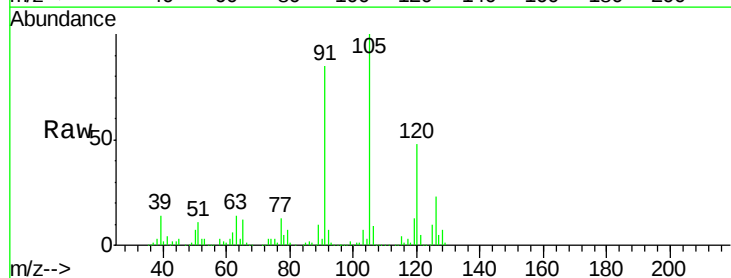
Acq: 05 Apr 2019 13:41

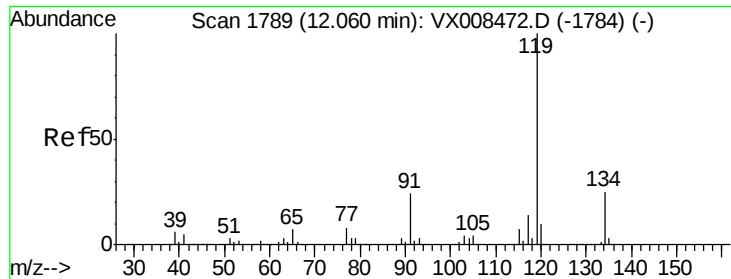
Tgt Ion: 91 Resp: 146865

Ion Ratio Lower Upper

91 100

126 28.7 0.0 66.2





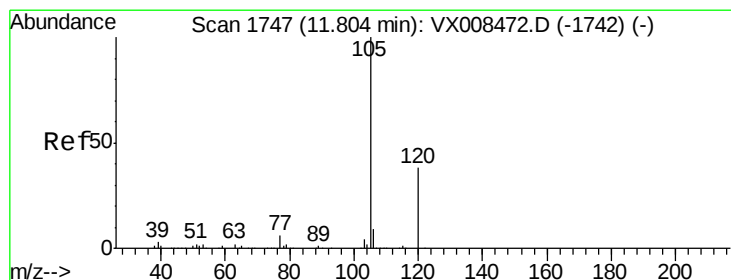
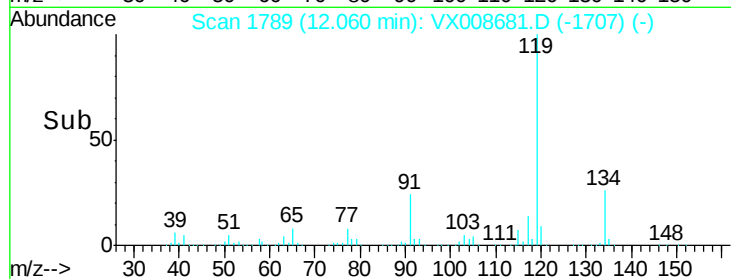
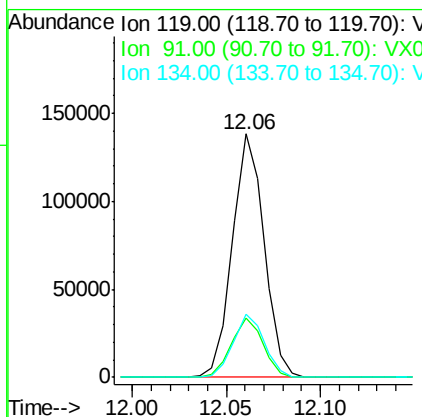
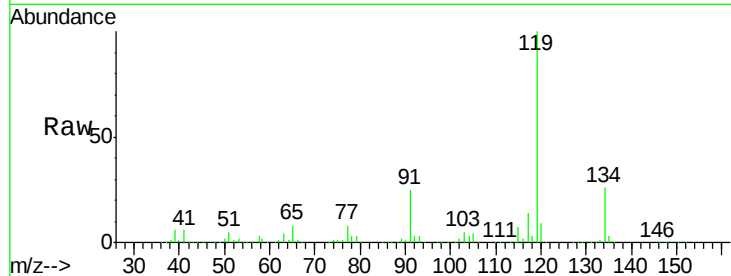
#79
tert-butylbenzene
Concen: 19.334 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	161206		
91	24.6	0.0	45.0	
134	25.7	0.0	55.4	

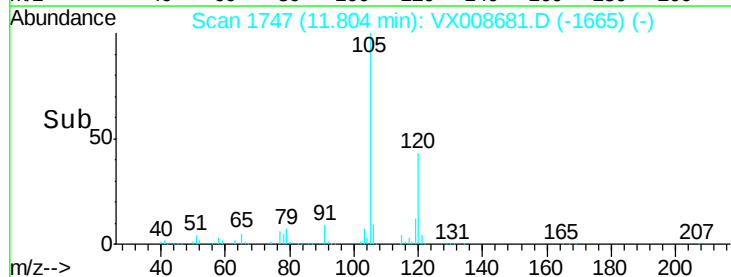
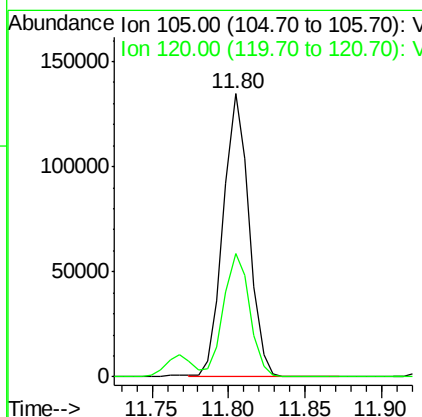
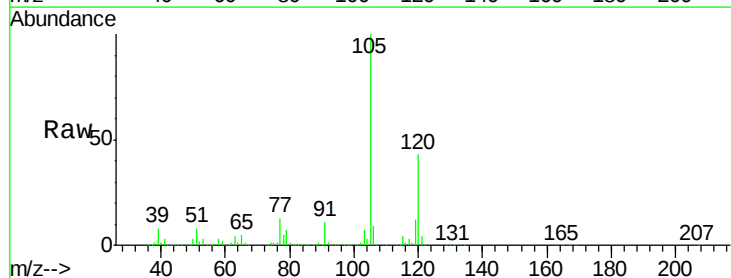
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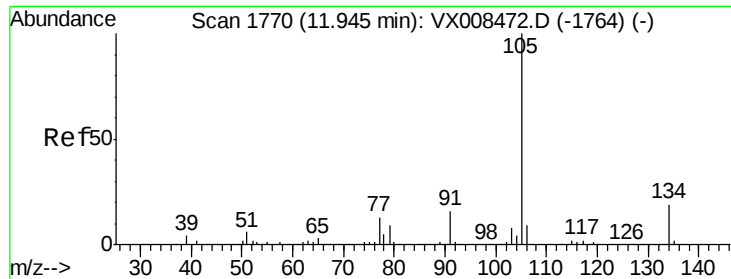
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#80
1,2,4-Trimethylbenzene
Concen: 19.374 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157609		
120	44.3	0.0	94.0	





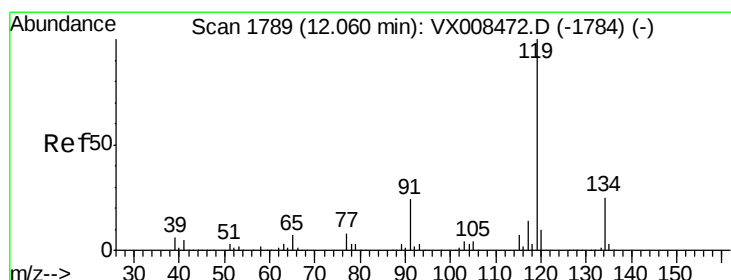
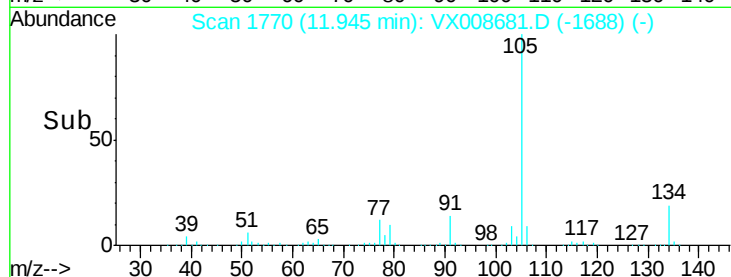
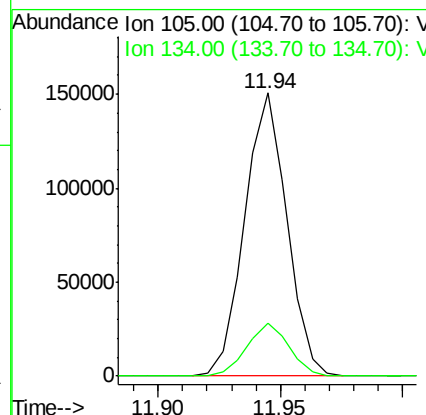
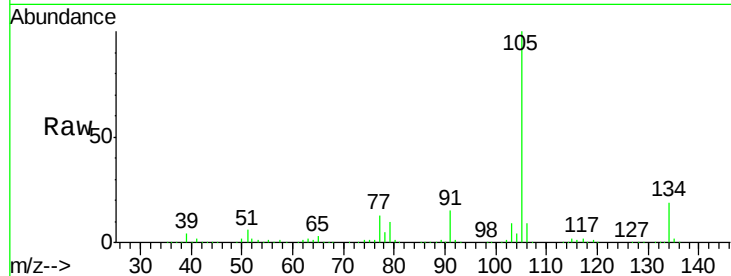
#81
 sec-Butylbenzene
 Concen: 19.267 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.0	0.0	41.8

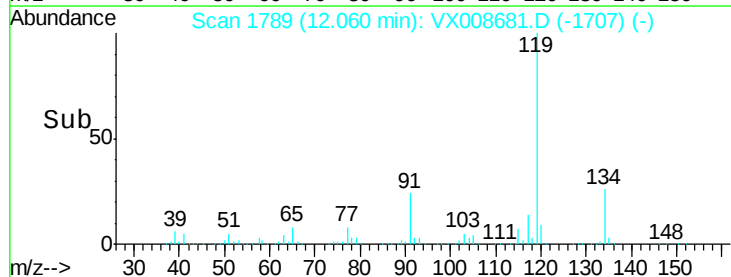
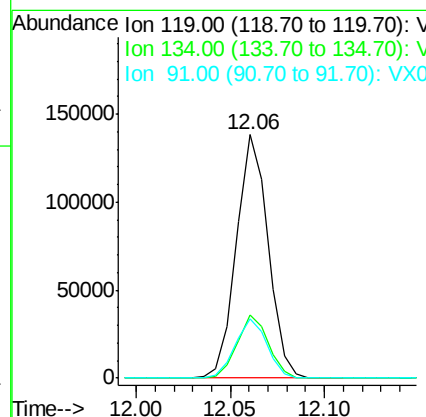
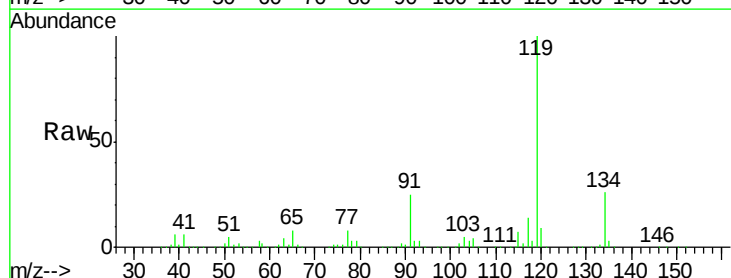
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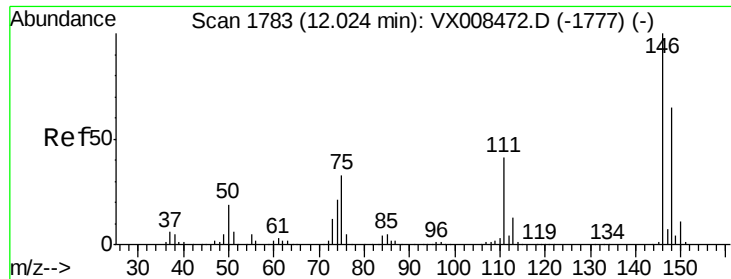
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 4/8/2019 9:49:30 AM



#82
 p-Isopropyltoluene
 Concen: 19.334 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	0.0	55.4
91	24.6	0.0	45.0





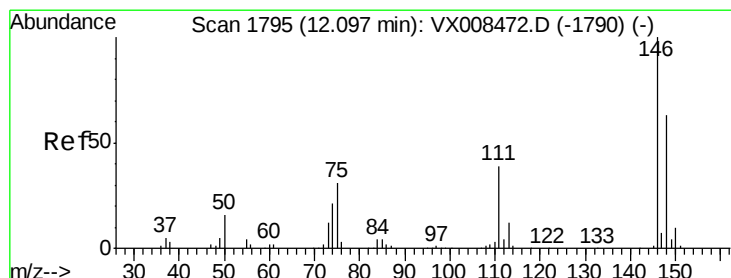
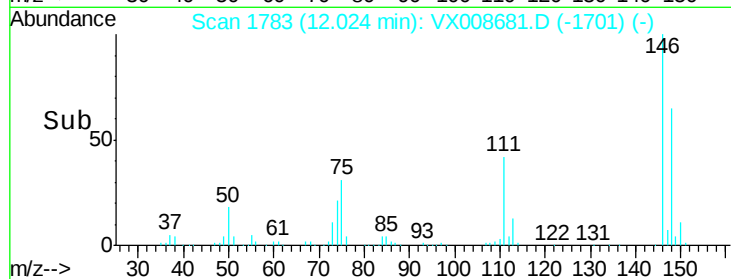
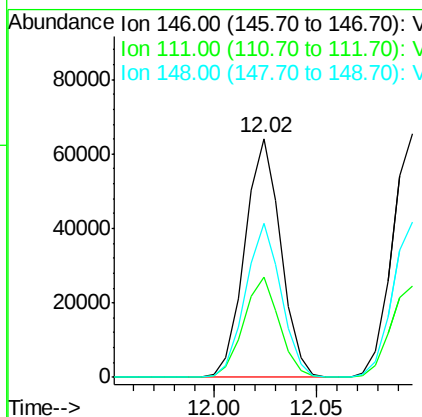
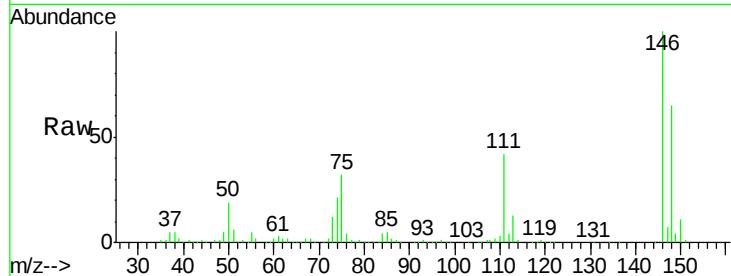
#83
 1,3-Dichlorobenzene
 Concen: 19.446 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.8	56.3
148	64.1	30.6	91.8

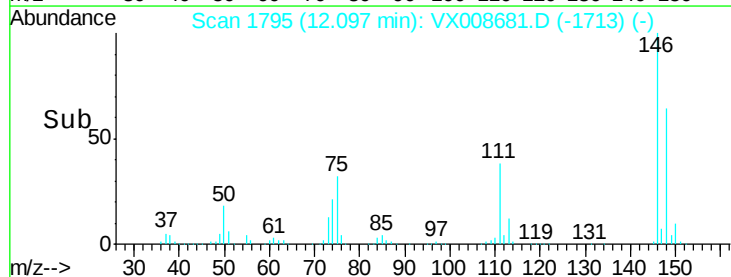
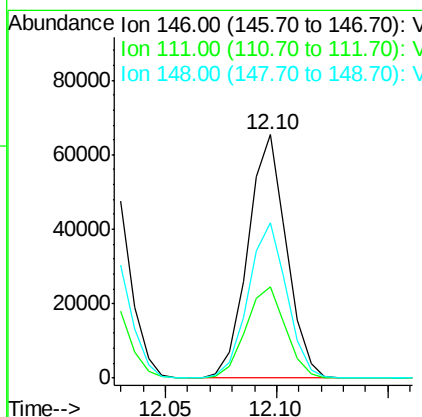
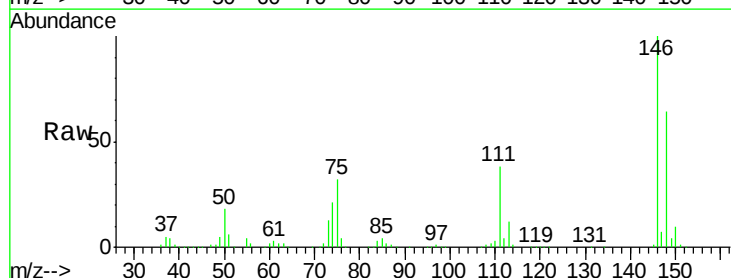
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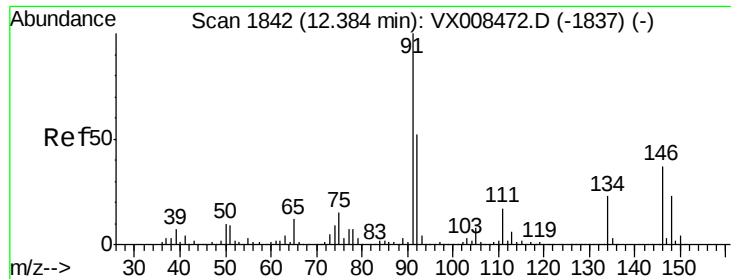
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#84
 1,4-Dichlorobenzene
 Concen: 19.448 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	17.6	52.8
148	63.9	31.4	94.2





#85

n-Butylbenzene

Concen: 18.736 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008681.D

Acq: 05 Apr 2019 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0405WBSD01

Tgt Ion: 91 Resp: 148428
Ion Ratio Lower Upper

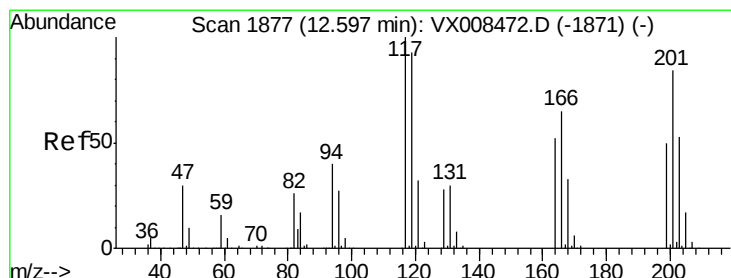
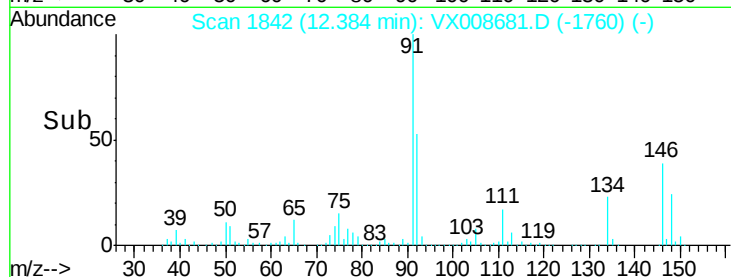
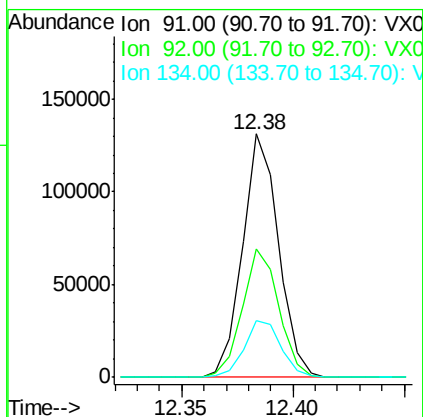
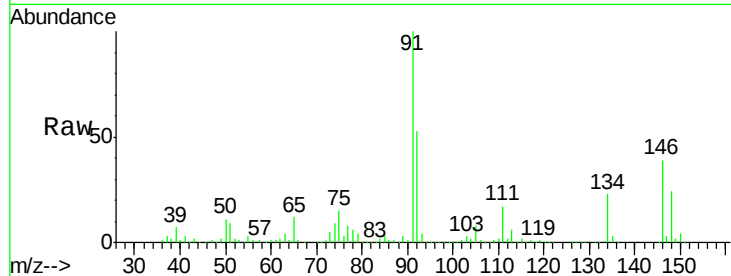
91 100

92 53.4 0.0 105.2

134 24.0 0.0 56.4

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#86

Hexachloroethane

Concen: 18.342 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

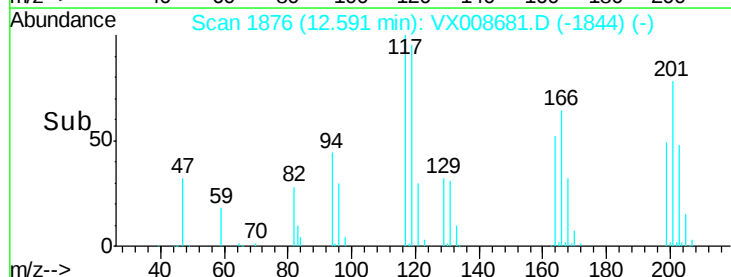
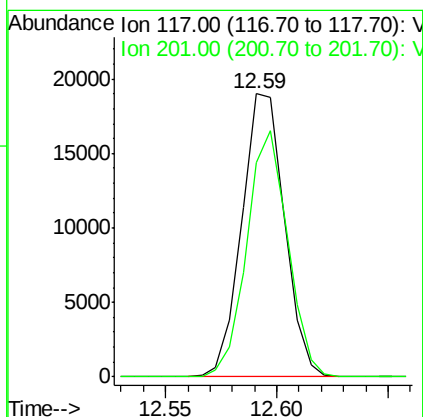
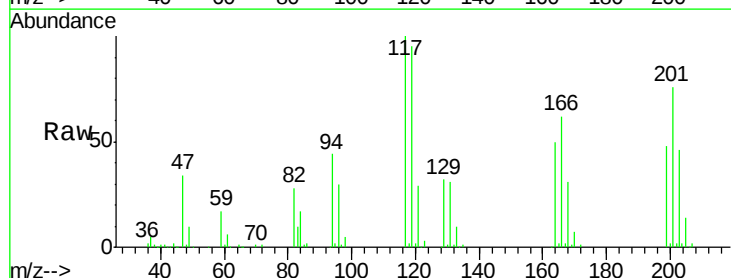
Lab File: VX008681.D

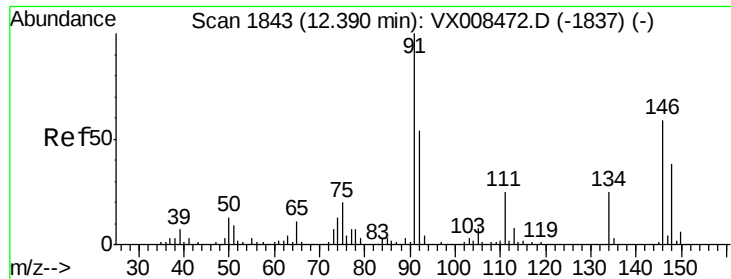
Acq: 05 Apr 2019 13:41

Tgt Ion: 117 Resp: 25553
Ion Ratio Lower Upper

117 100

201 82.9 41.1 123.3





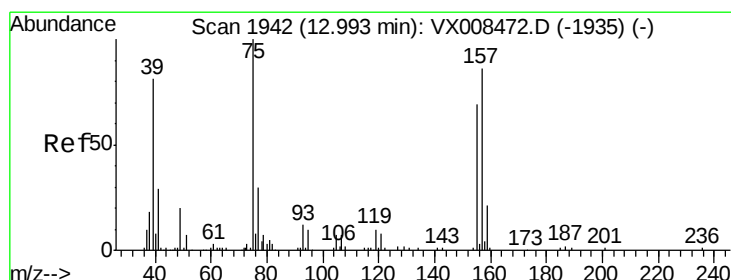
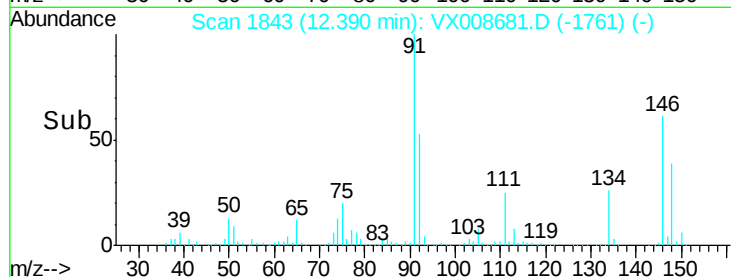
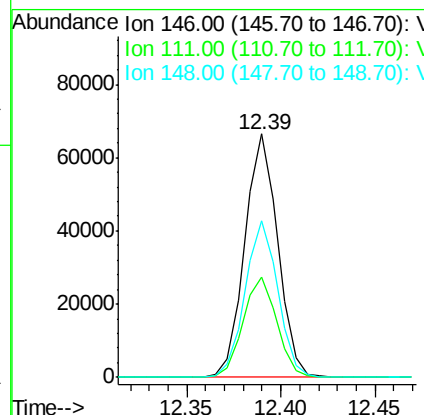
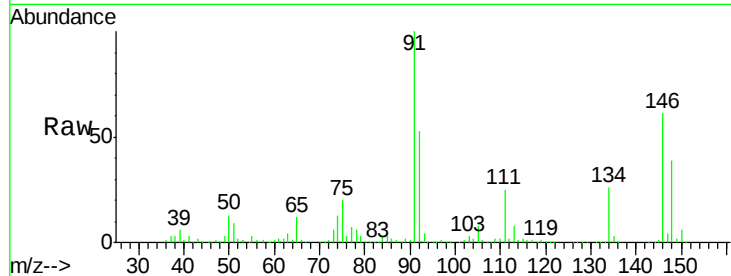
#87
 1,2-Dichlorobenzene
 Concen: 19.844 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	80597		
111	42.1	19.3	57.8	
148	63.9	32.1	96.3	

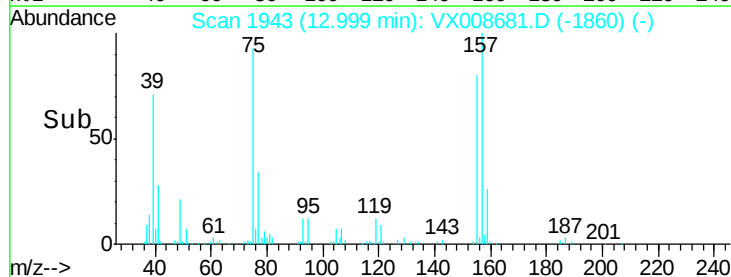
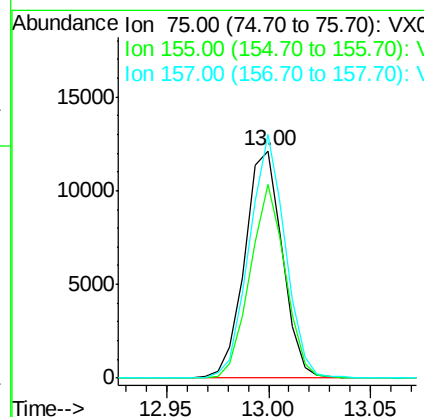
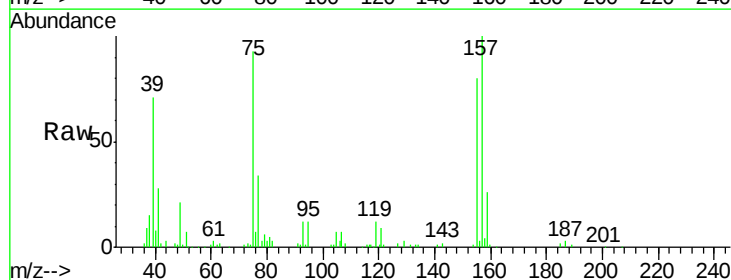
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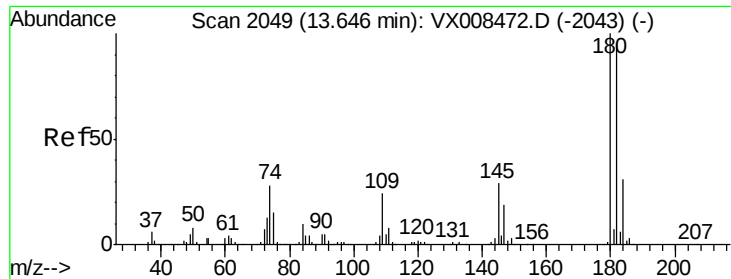
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.582 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15473		
155	79.9	81.0	121.6#	
157	102.8	103.2	154.8#	





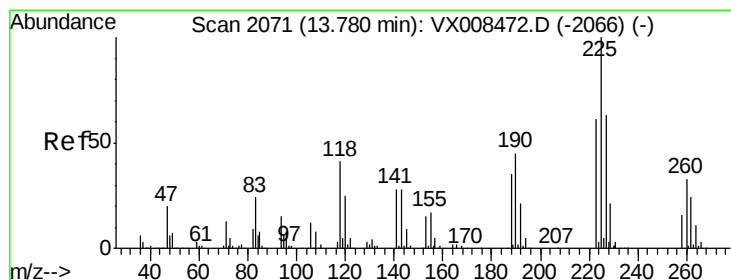
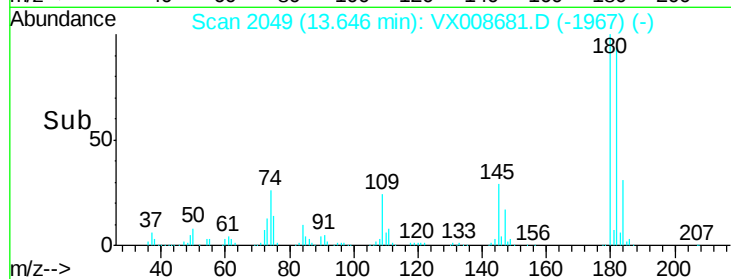
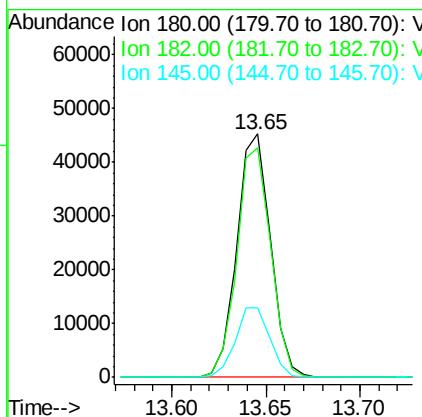
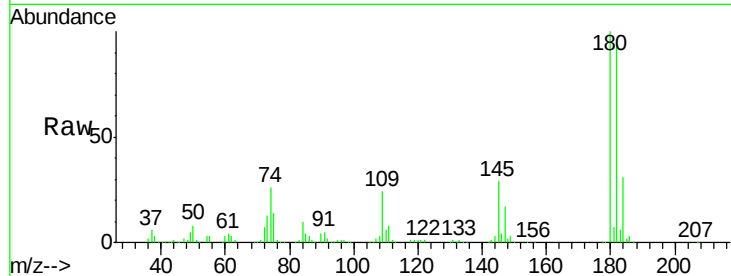
#89
 1,2,4-Trichlorobenzene
 Concen: 20.055 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	29.5	23.0	34.6

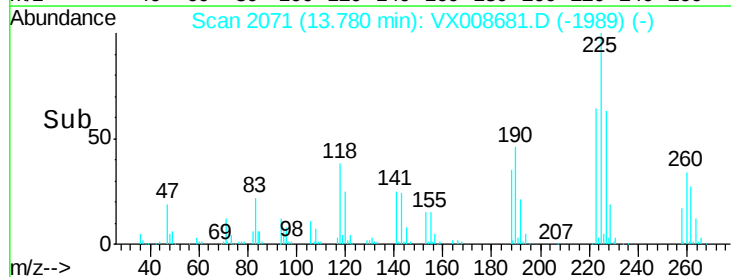
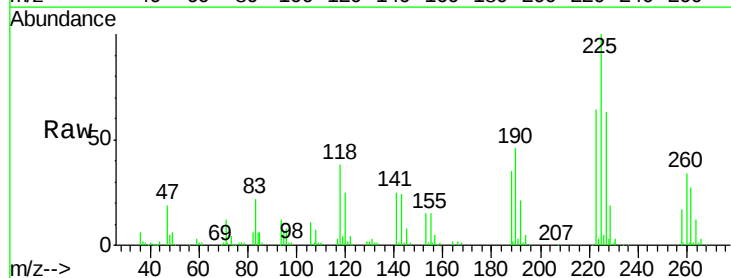
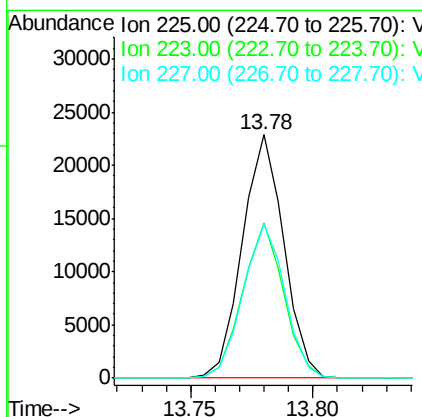
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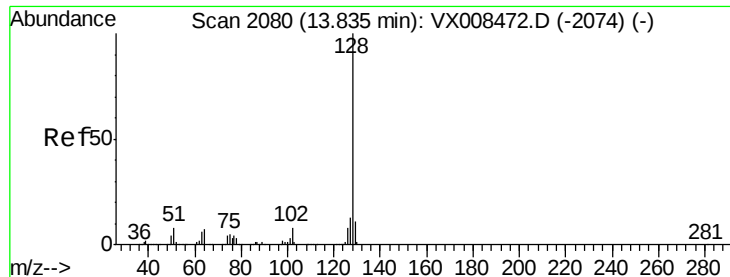
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#90
 Hexachlorobutadiene
 Concen: 19.965 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008681.D
 Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	123.8
227	63.7	0.0	124.4





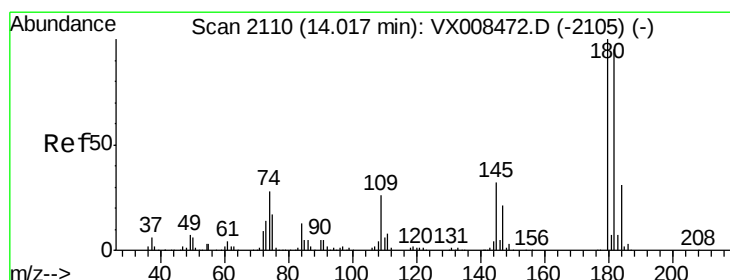
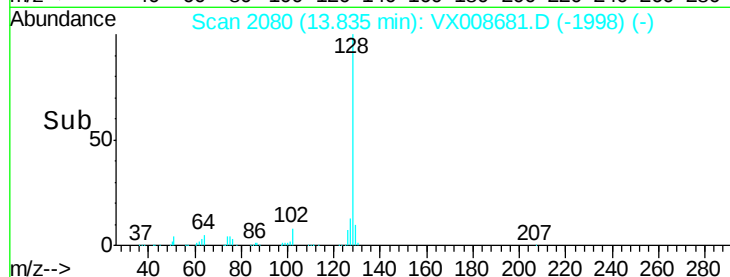
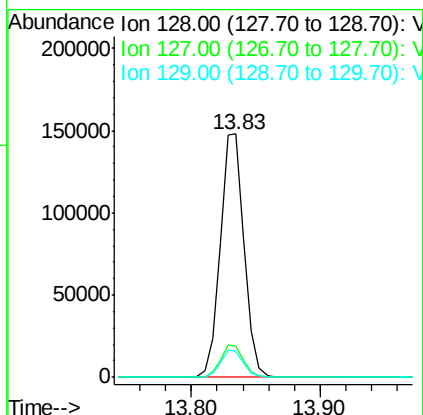
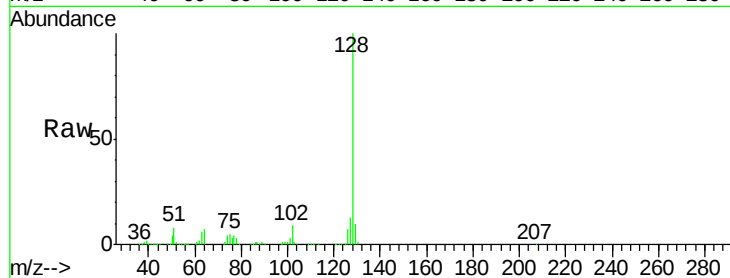
#91
Naphthalene
Concen: 20.094 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.194 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008681.D
Acq: 05 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	0.0	193.0
145	32.3	0.0	63.0

