

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007228.D
 Acq On : 25 Jan 2019 14:32
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:05:35 PM

Quant Time: Jan 28 11:05:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	84189	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	465495	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	419783	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	167693	30.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.13%
60) 4-Bromofluorobenzene	11.13	95	197100	30.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.40%
63) Toluene-d8	8.71	98	563553	29.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	70897	18.761	ug/l 99
3) Chloromethane	1.33	50	85973	20.349	ug/l 100
4) Vinyl Chloride	1.41	62	95213	19.859	ug/l 99
5) Bromomethane	1.64	94	90146	18.039	ug/l 95
6) Chloroethane	1.73	64	63675	19.707	ug/l 93
7) Trichlorofluoromethane	1.93	101	155148	19.168	ug/l 98
8) Diethyl Ether	2.19	74	62022	20.271	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93731	19.606	ug/l 99
10) 1,1-Dichloroethene	2.38	96	85019	19.567	ug/l 100
11) Methyl Iodide	2.51	142	126762	17.981	ug/l 98
12) Methyl Acetate	2.78	43	153516	20.745	ug/l 97
13) Acrolein	2.30	56	50659	94.561	ug/l 96
14) Acrylonitrile	3.15	53	285478	103.042	ug/l 99
15) Acetone	2.45	58	77153	97.975	ug/l 98
16) Carbon Disulfide	2.57	76	199056	18.999	ug/l 99
17) Allyl chloride	2.73	41	151458	20.048	ug/l 99
18) Methylene Chloride	2.86	84	102503	20.468	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	92113	19.577	ug/l 95
20) Diisopropyl ether	3.87	45	279923	19.902	ug/l 97
21) 1,1-Dichloroethane	3.70	63	157252	19.575	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	102987	19.904	ug/l 97
23) tert-Butyl Alcohol	3.07	59	123174	105.794	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	309679	20.347	ug/l 99
25) Chloroform	5.21	83	166945	20.107	ug/l 98
26) Cyclohexane	5.57	56	133808	19.777	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	117847	19.421	ug/l 100
30) 2-Butanone	4.70	43	364373	100.493	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	105129	17.148	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	133588	18.627	ug/l 97
33) Carbon Tetrachloride	5.79	117	117338	18.613	ug/l 98
34) Benzene	6.15	78	367836	19.652	ug/l 99
35) Methacrylonitrile	5.06	41	70416	19.026	ug/l 95
36) 1,2-Dichloroethane	6.20	62	125119	19.372	ug/l 99
37) Trichloroethene	7.21	130	107542	19.486	ug/l 97
38) Methylcyclohexane	7.46	83	143740	18.691	ug/l 99
39) 1,2-Dichloropropane	7.52	63	90671	19.316	ug/l 95
40) Dibromomethane	7.66	93	67318	19.909	ug/l 97

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Manual Integrations
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Quant Time: Jan 28 11:05:07 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	109403	18.436	ug/l	93
42) Vinyl Acetate	3.82	43	1154796	93.935	ug/l	99
43) Ethyl Acetate	4.85	43	132772	19.625	ug/l	100
44) Isopropyl Acetate	6.46	43	203954	19.301	ug/l	98
45) 1,4-Dioxane	7.75	88	53619	418.739	ug/l	98
46) Methyl methacrylate	7.77	41	106192	19.654	ug/l	99
47) n-amyl Acetate	10.90	43	178747	19.238	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	118576	18.321	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	134730	18.738	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	101419	19.984	ug/l	93
51) Ethyl methacrylate	9.18	69	140465	19.371	ug/l	89
52) 1,3-Dichloropropane	9.37	76	161696	19.898	ug/l	99
53) Dibromochloromethane	9.59	129	95295	18.578	ug/l	99
54) 1,2-Dibromoethane	9.67	107	109296	20.005	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	388787	97.461	ug/l	100
56) Bromoform	10.86	173	70080	17.993	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	719649	102.521	ug/l	100
59) 2-Hexanone	9.49	43	550926	101.422	ug/l	99
61) Tetrachloroethene	9.34	164	113545	19.405	ug/l	98
62) Toluene	8.79	91	414200	19.602	ug/l	100
64) Chlorobenzene	10.14	112	272175	19.526	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	98474	19.945	ug/l	95
66) Ethyl Benzene	10.25	91	445085	19.442	ug/l	97
67) m/p-Xylenes	10.36	106	357125	39.501	ug/l	97
68) o-Xylene	10.70	106	168074	18.977	ug/l	98
69) Styrene	10.71	104	282804	19.793	ug/l	98
70) Isopropylbenzene	11.02	105	458779	19.567	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	152194	20.274	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	122773m	17.395	ug/l	
73) Bromobenzene	11.26	156	124983	19.259	ug/l	98
74) n-propylbenzene	11.36	91	507307	19.226	ug/l	99
75) 2-Chlorotoluene	11.42	91	300931	19.231	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	379078	19.371	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	35330	17.229	ug/l	96
78) 4-Chlorotoluene	11.51	91	349511	19.183	ug/l	99
79) tert-butylbenzene	12.06	119	407971	19.269	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	388397	19.602	ug/l	98
81) sec-Butylbenzene	11.94	105	458463	19.430	ug/l	99
82) p-Isopropyltoluene	12.06	119	407971	19.269	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	220081	19.078	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	223152	19.335	ug/l	99
85) n-Butylbenzene	12.38	91	336649	18.527	ug/l	99
86) Hexachloroethane	12.60	117	56952	17.397	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	225291	19.613	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	30254	19.773	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	152643	19.357	ug/l	99
90) Hexachlorobutadiene	13.78	225	73285	19.485	ug/l	99
91) Naphthalene	13.83	128	472835	19.808	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	152820	19.544	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC020EC

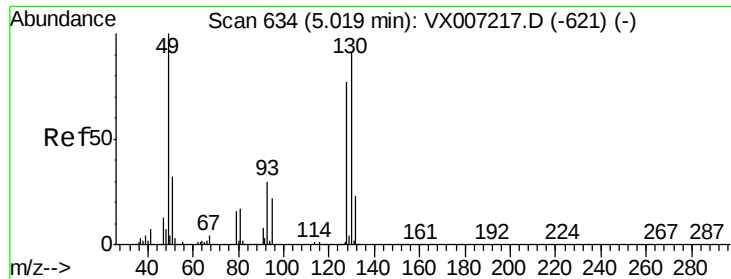
Manual Integrations
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Quant Time: Jan 28 11:05:07 2019
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QLast Update : Mon Jan 28 10:35:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

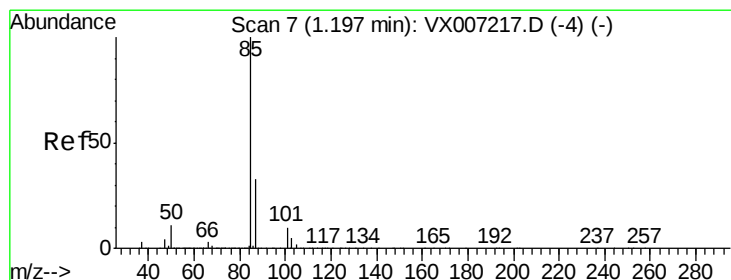
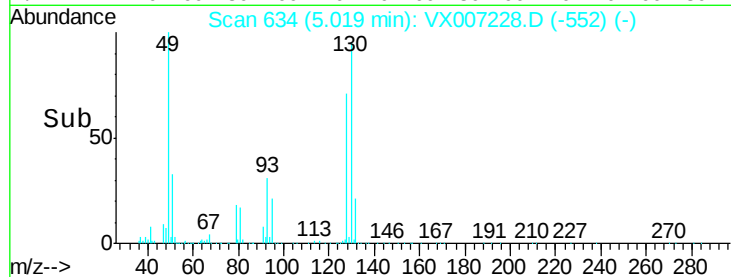
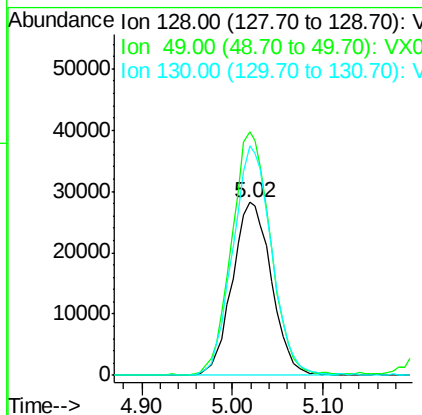
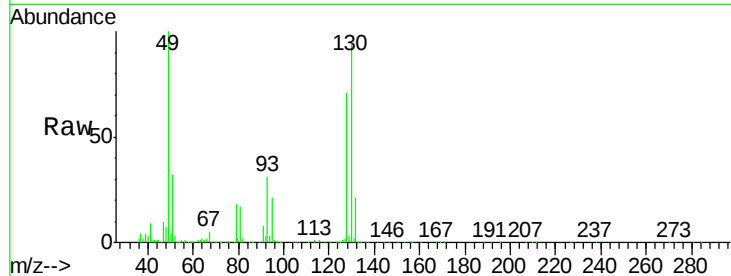
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	84189
Ion	Ratio	Lower	Upper
128	100		
49	140.3	0.0	345.5
130	131.2	0.0	320.0

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#2

Dichlorodifluoromethane

Concen: 18.761 ug/l

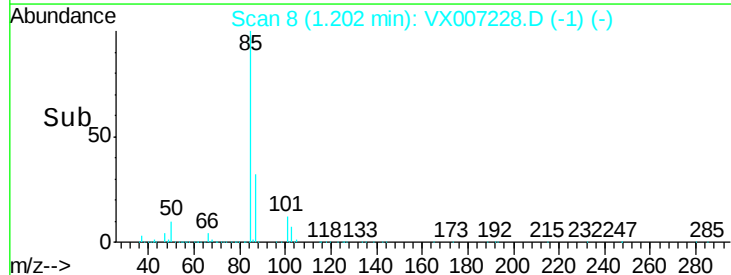
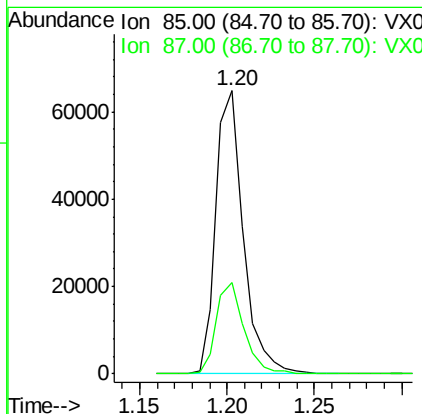
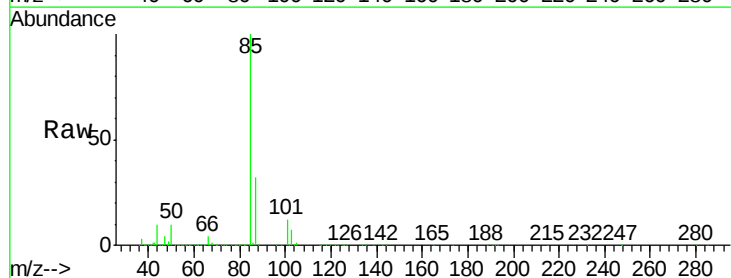
RT: 1.20 min Scan# 8

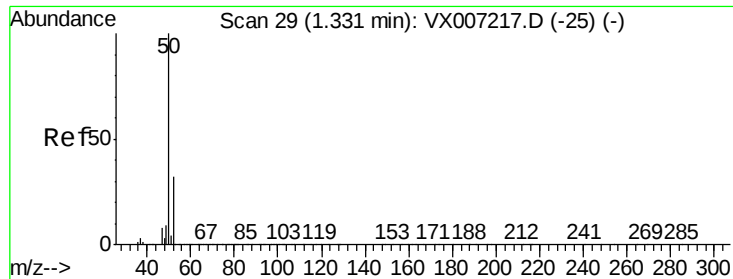
Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	85	Resp:	70897
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.4	49.1





#3

Chloromethane

Concen: 20.349 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 85973

Ion Ratio Lower Upper

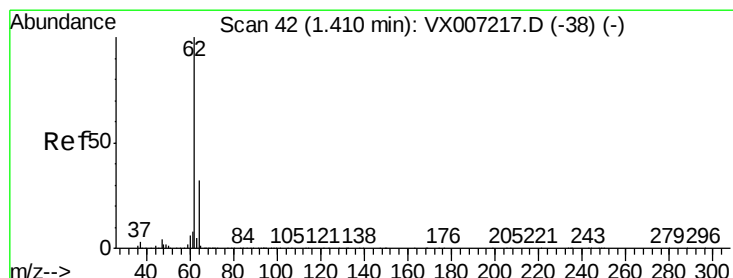
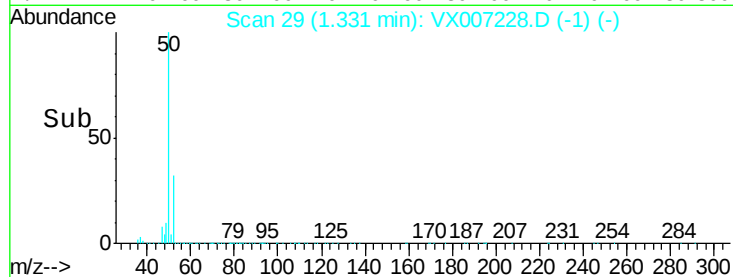
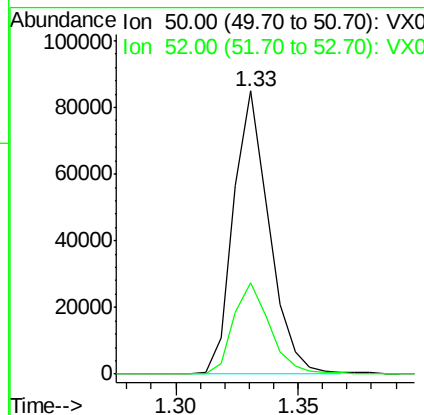
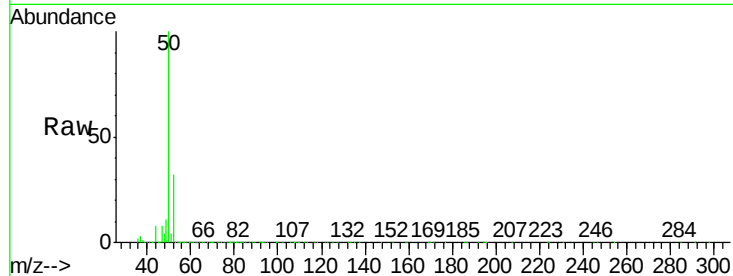
50 100

52 32.2 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.859 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007228.D

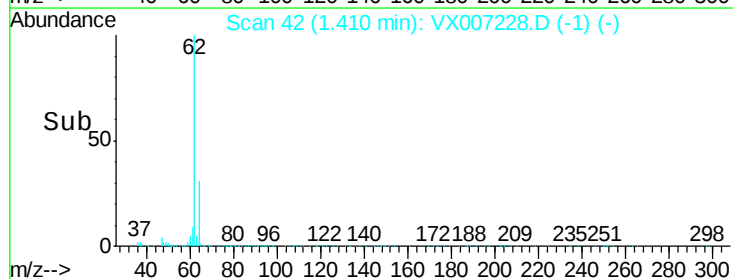
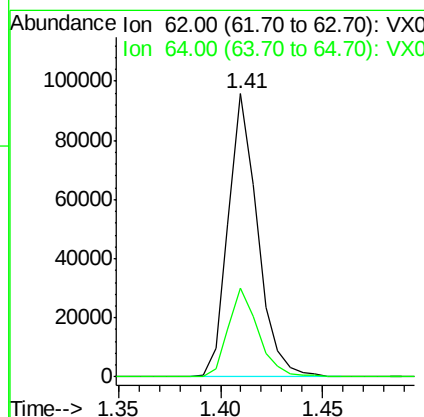
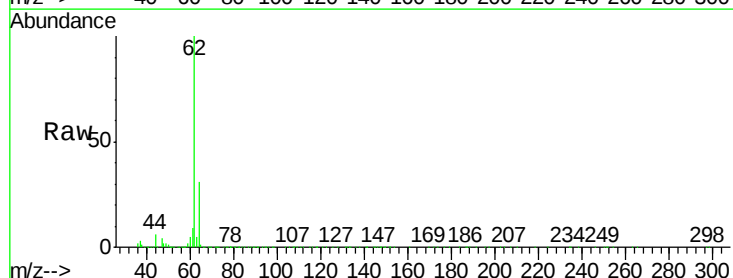
Acq: 25 Jan 2019 14:32

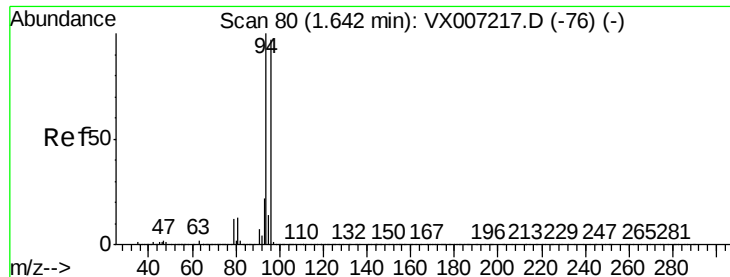
Tgt Ion: 62 Resp: 95213

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 18.039 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 90146

Ion Ratio Lower Upper

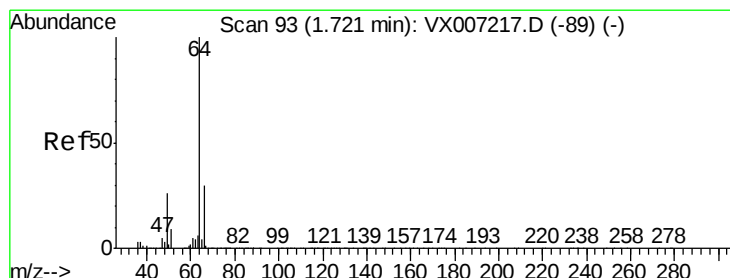
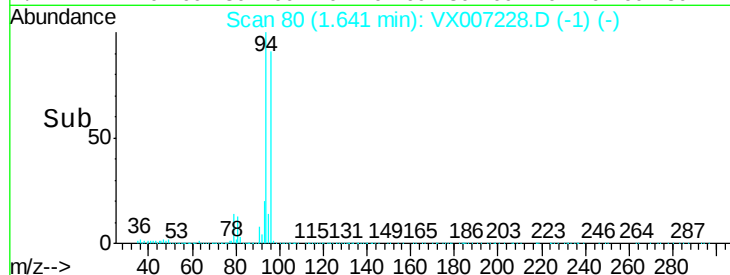
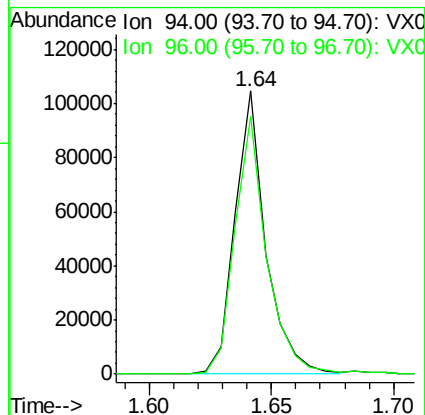
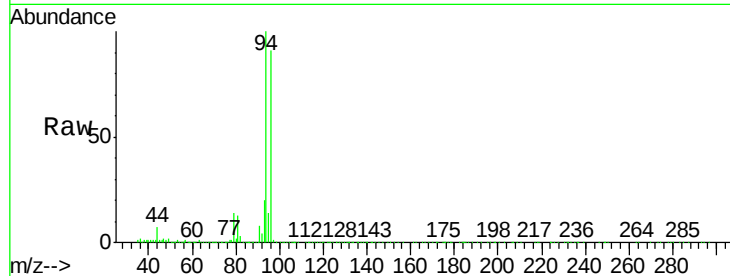
94 100

96 91.4 77.4 116.2

Manual Integrations
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#6

Chloroethane

Concen: 19.707 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007228.D

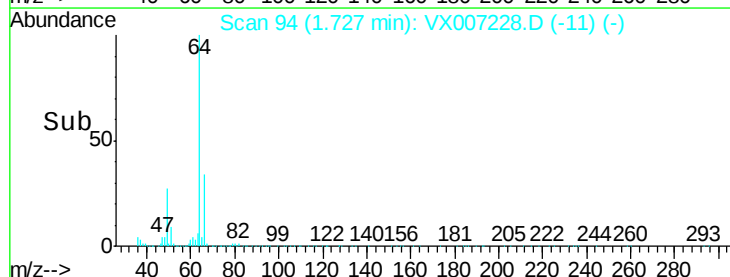
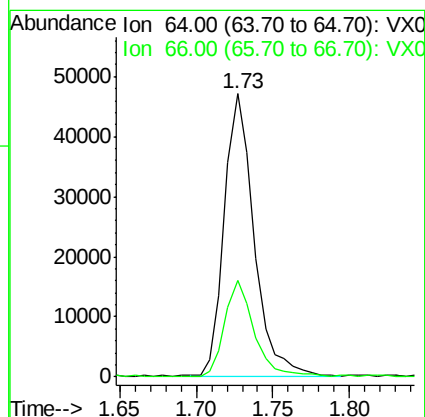
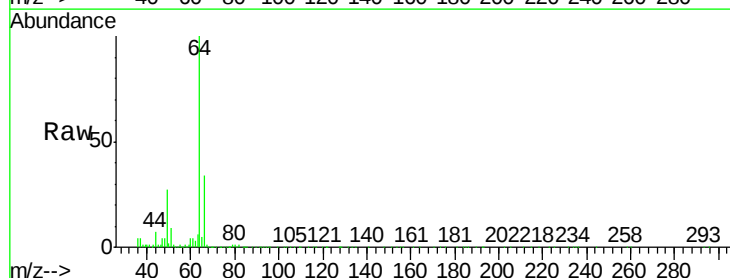
Acq: 25 Jan 2019 14:32

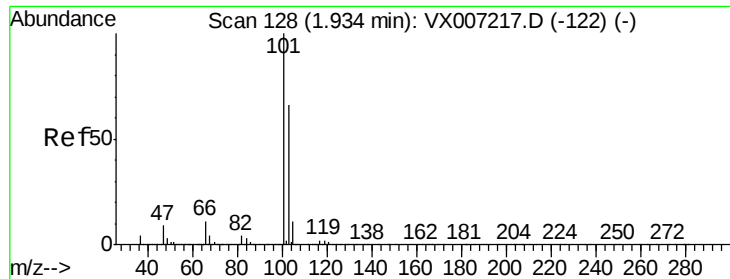
Tgt Ion: 64 Resp: 63675

Ion Ratio Lower Upper

64 100

66 33.8 24.2 36.2





#7

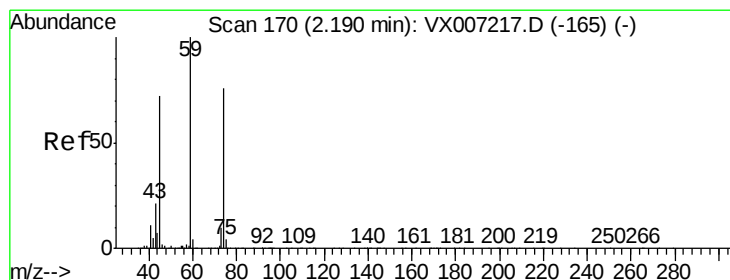
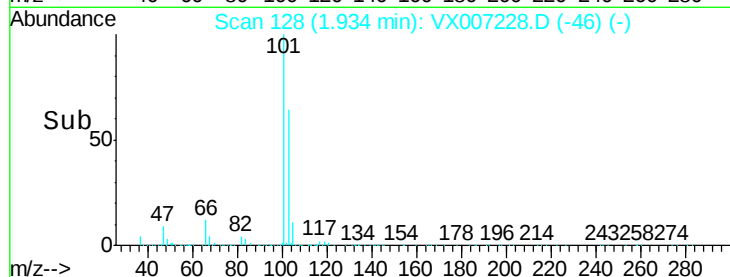
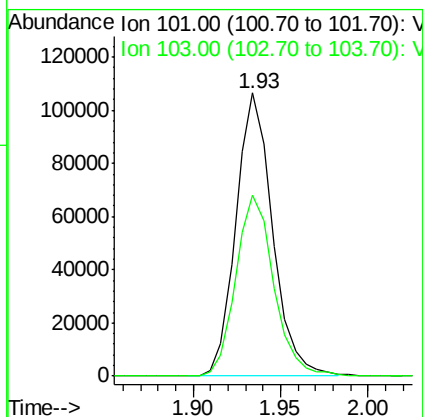
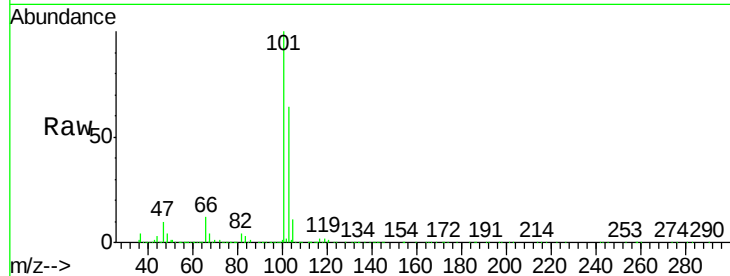
Trichlorofluoromethane
Concen: 19.168 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.6	78.8

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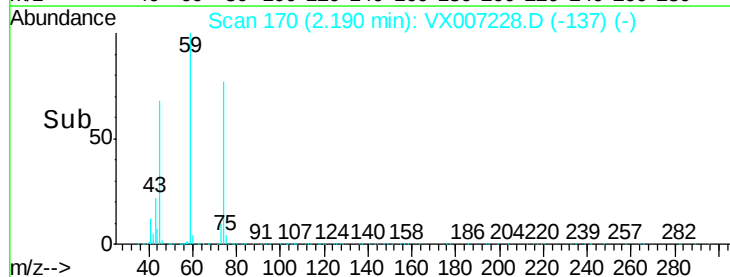
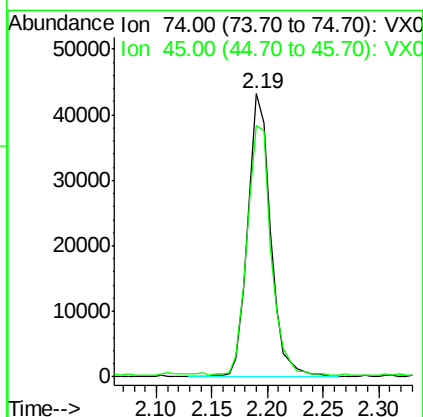
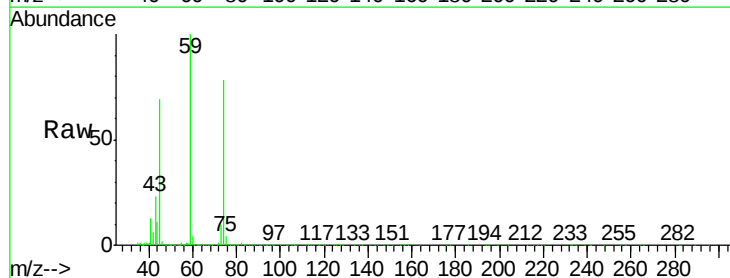
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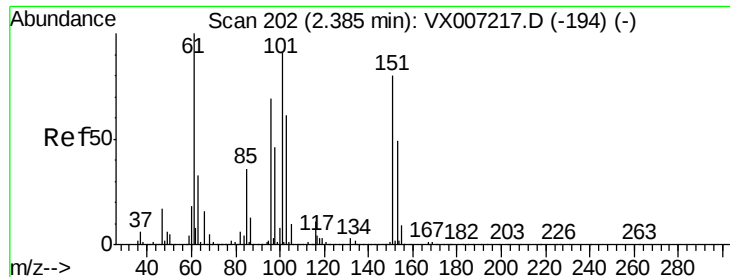


#8

Diethyl Ether
Concen: 20.271 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.606 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

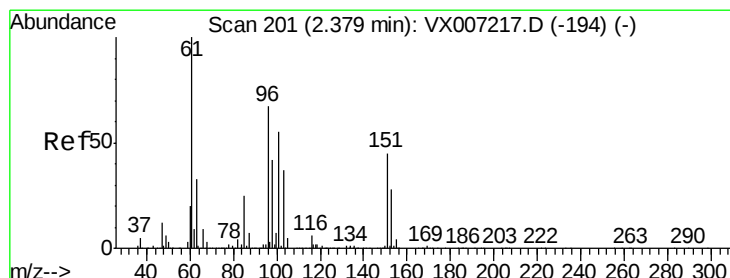
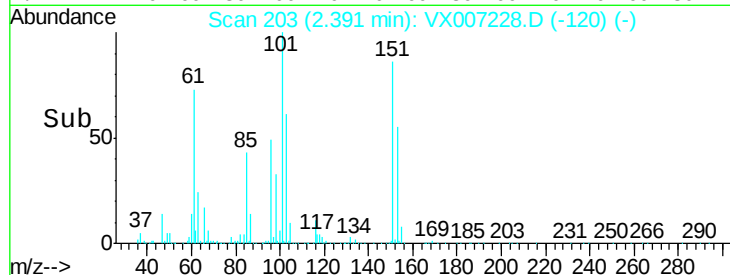
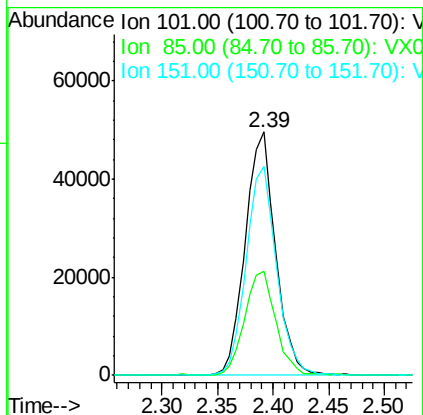
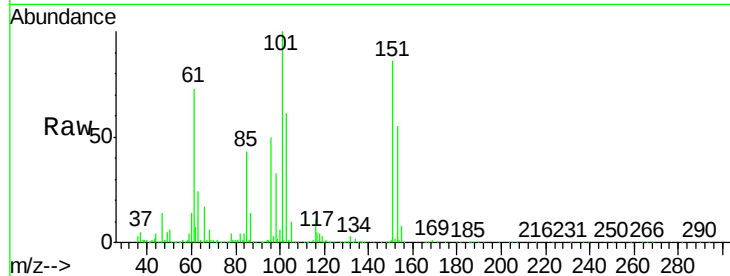
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	93731
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	87.4
151	86.8	0.0	176.4

Manual Integrations
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1/28/2019 12:05:35 PM



#10

1,1-Dichloroethene

Concen: 19.567 ug/l

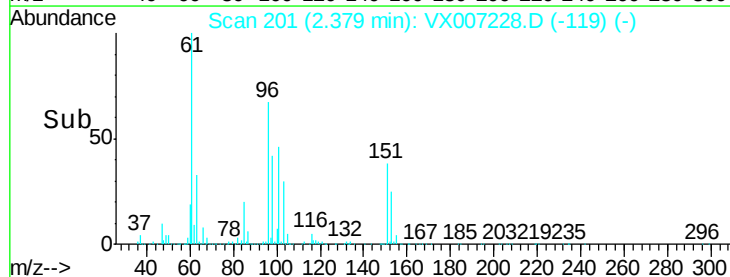
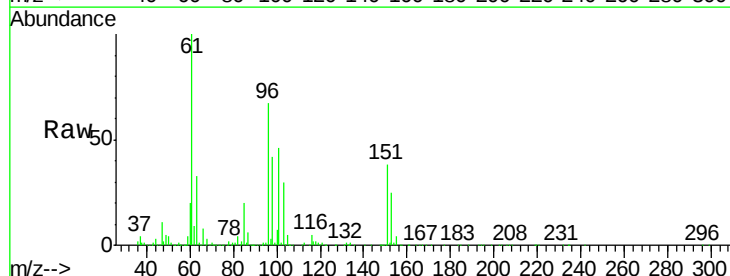
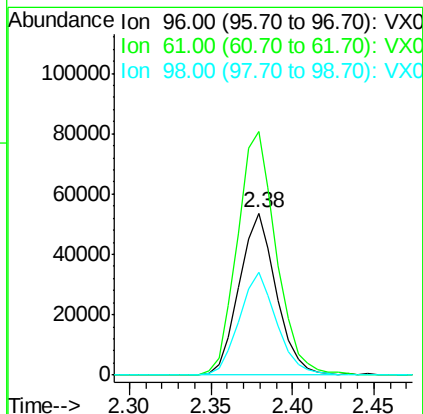
RT: 2.38 min Scan# 201

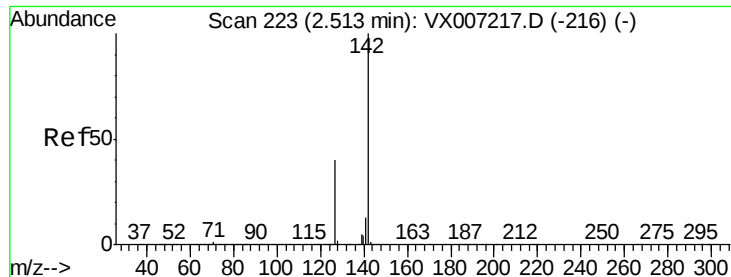
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	96	Resp:	85019
Ion Ratio	Lower	Upper	
96	100		
61	149.6	119.6	179.4
98	62.8	50.9	76.3





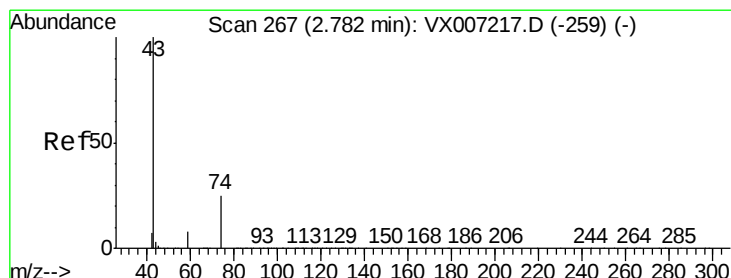
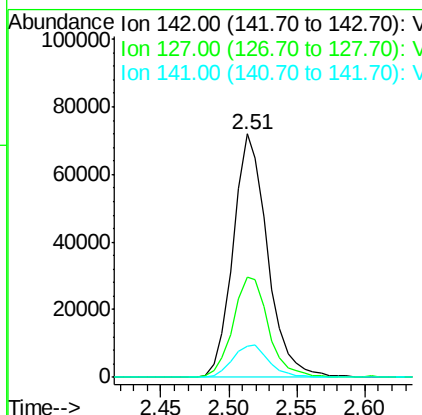
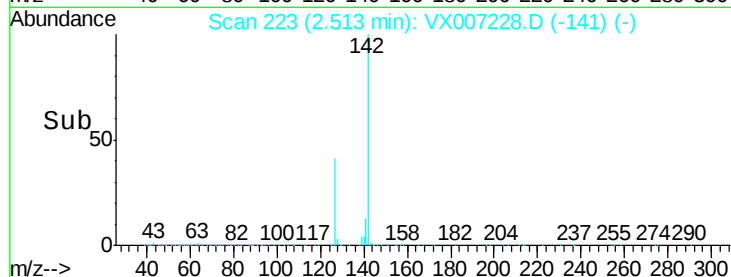
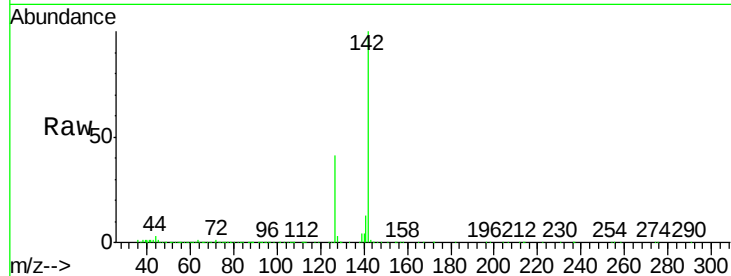
#11
Methvl Iodide
Concen: 17.981 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.2	20.0	59.9
141	12.8	6.3	19.1

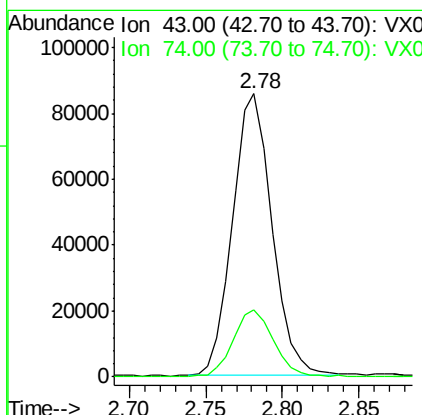
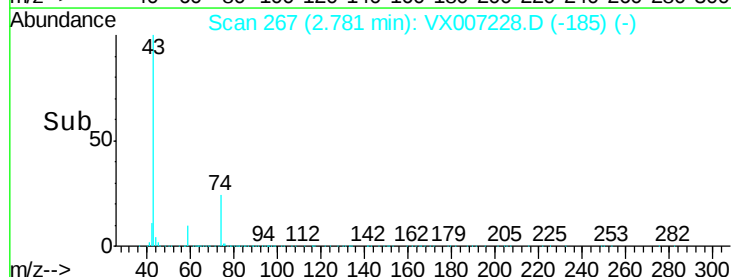
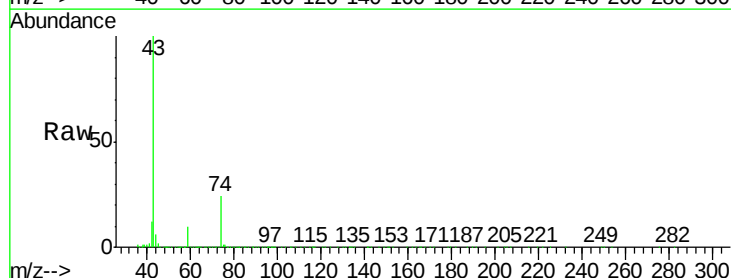
Manual Integrations
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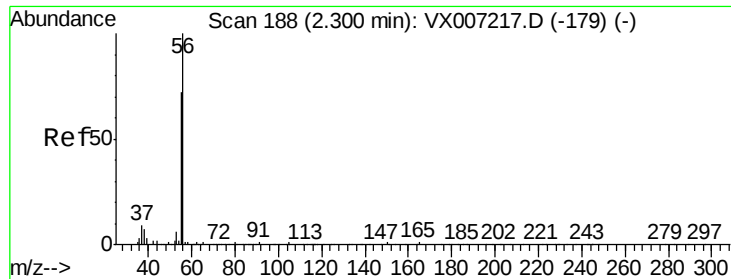
MMDadoda
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#12
Methyl Acetate
Concen: 20.745 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.8





#13

Acrolein

Concen: 94.561 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 50659

Ion Ratio Lower Upper

56 100

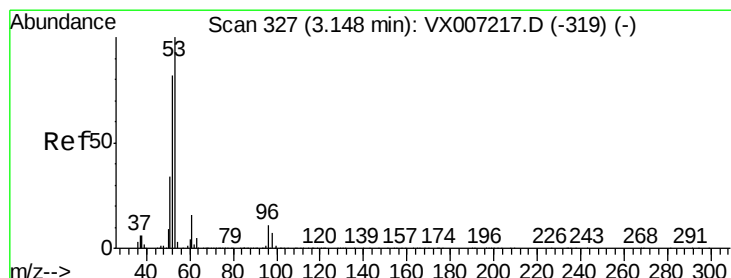
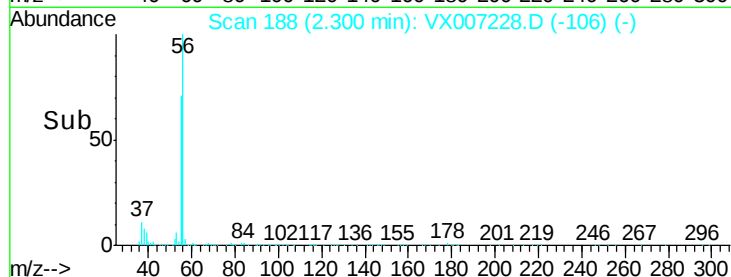
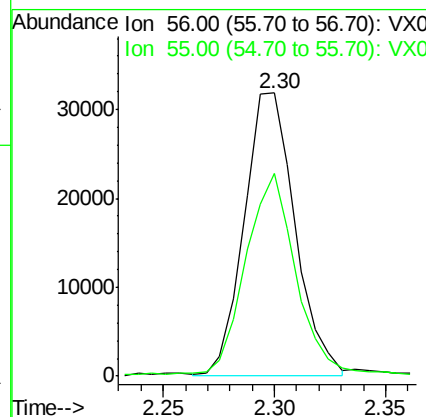
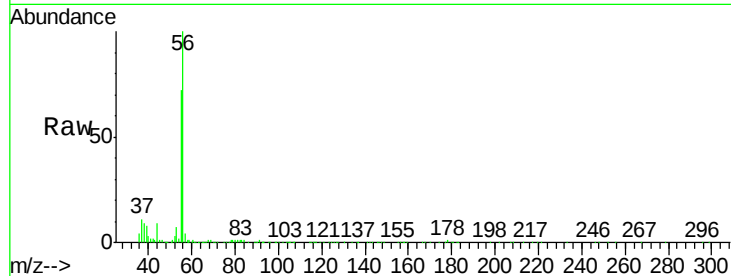
55 69.9 58.6 87.8

Manual Integrations

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#14

Acrylonitrile

Concen: 103.042 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

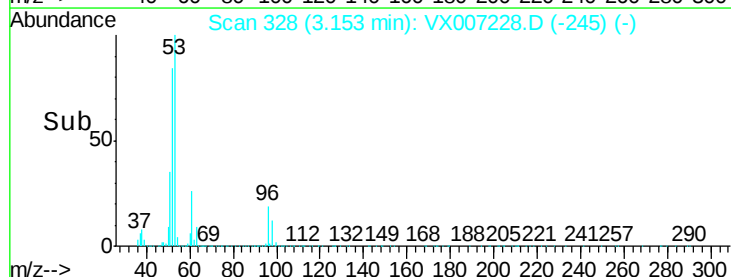
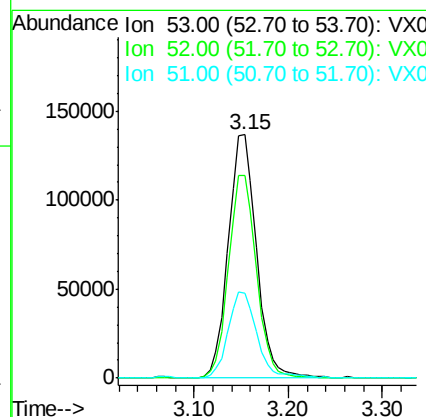
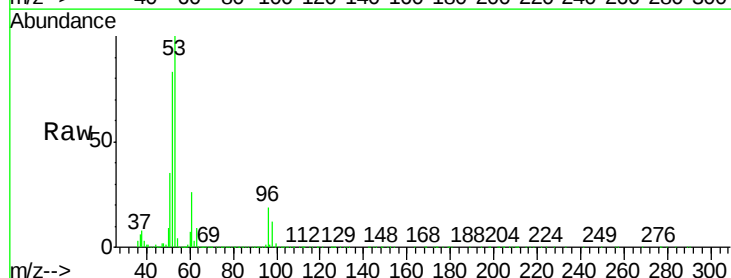
Tgt Ion: 53 Resp: 285478

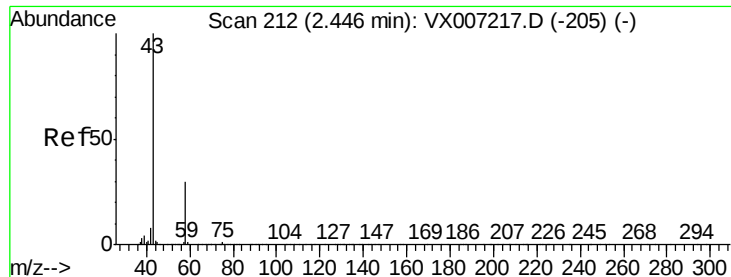
Ion Ratio Lower Upper

53 100

52 81.8 41.3 124.1

51 35.8 17.9 53.8





#15

Acetone

Concen: 97.975 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 77153

Ion Ratio Lower Upper

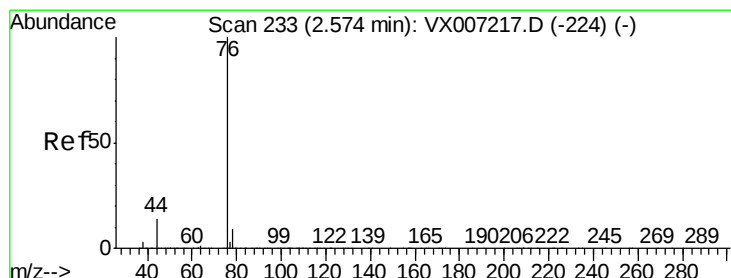
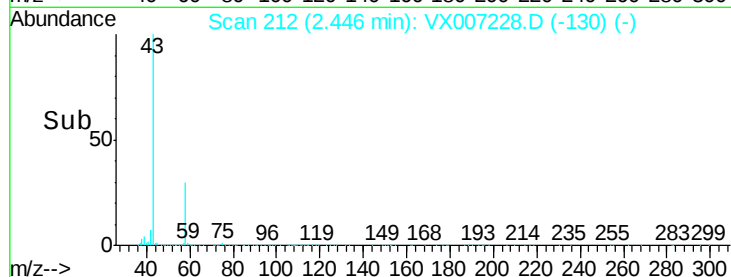
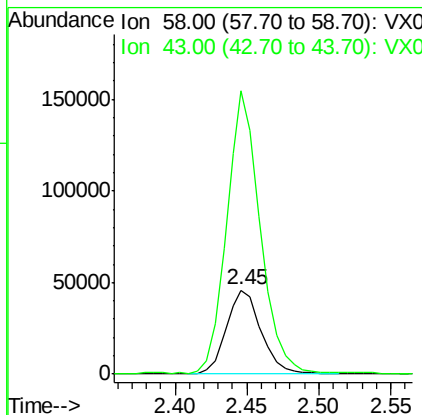
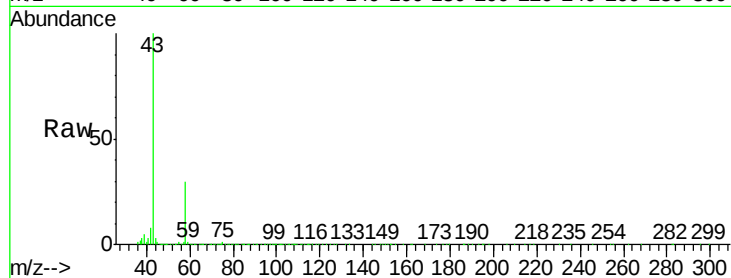
58 100

43 336.3 265.9 398.9

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#16

Carbon Disulfide

Concen: 18.999 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007228.D

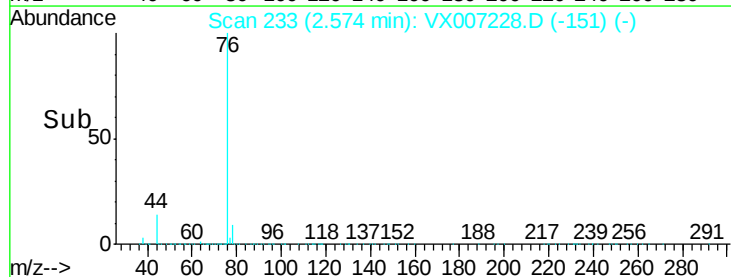
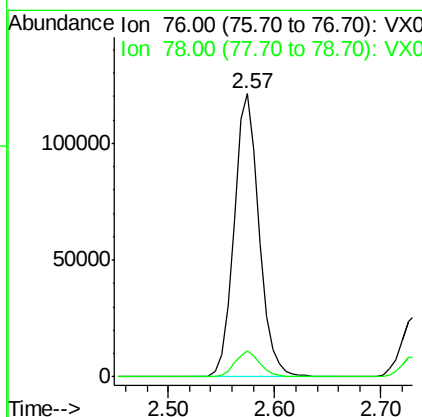
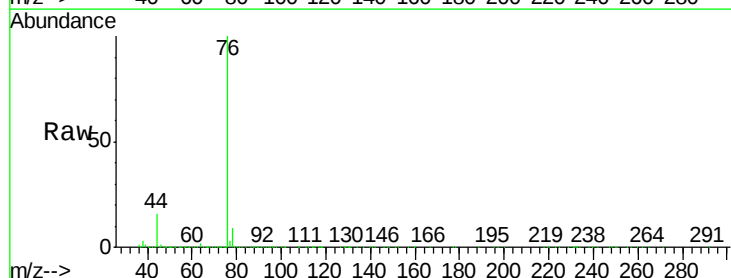
Acq: 25 Jan 2019 14:32

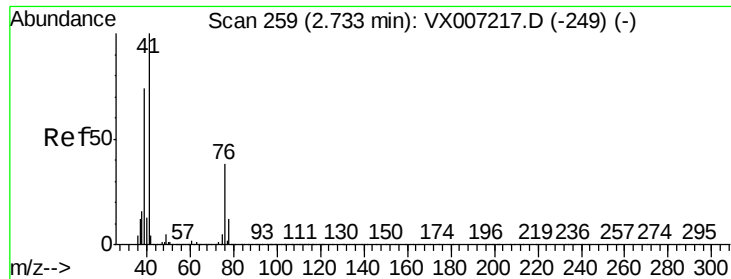
Tgt Ion: 76 Resp: 199056

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5





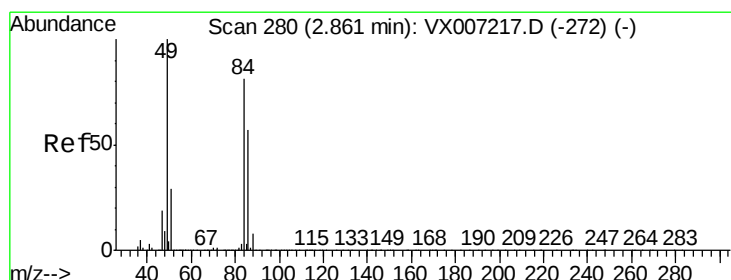
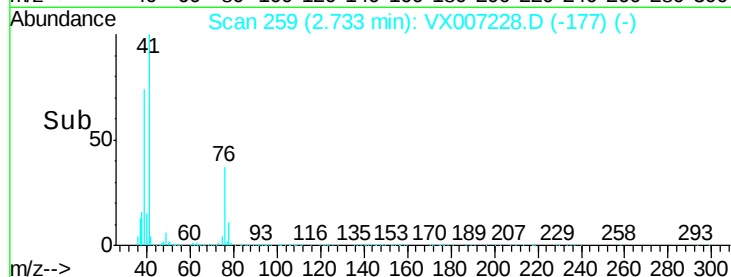
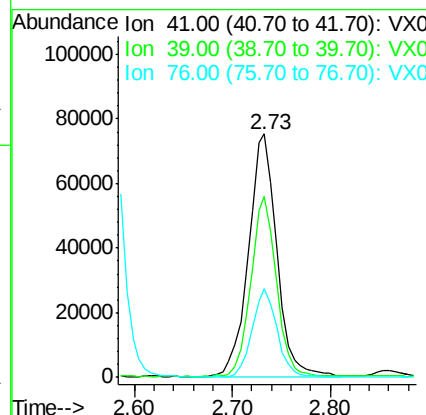
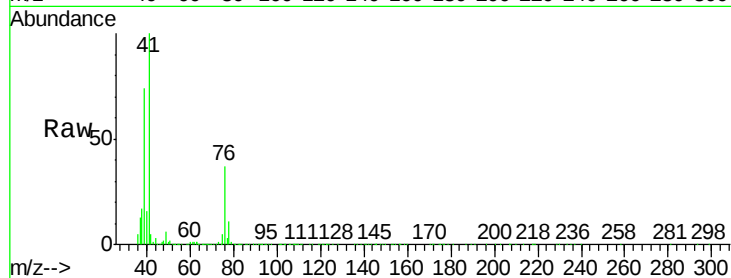
#17
Allvl chloride
Concen: 20.048 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.9	37.0	111.0
76	36.5	19.3	57.8

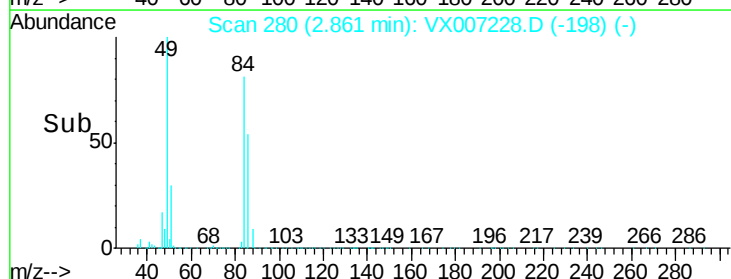
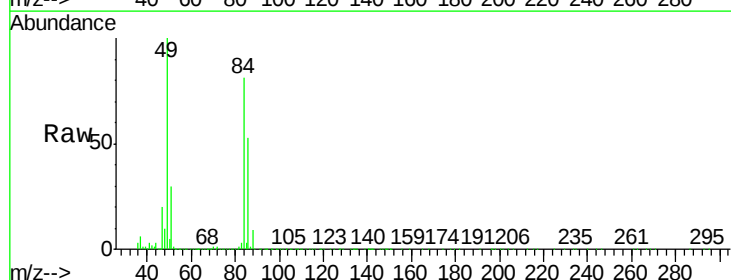
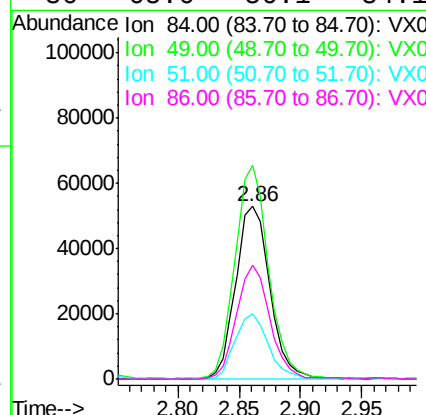
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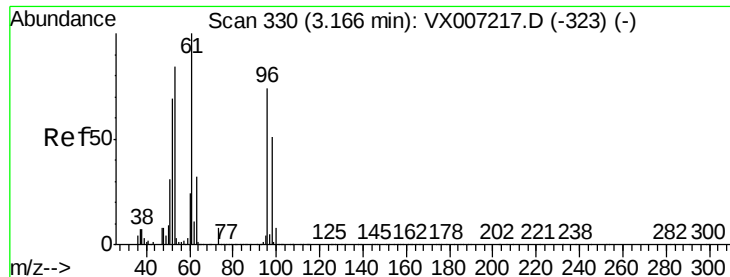
MMDadoda
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#18
Methylene Chloride
Concen: 20.468 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	98.4	147.6
51	37.1	28.9	43.3
86	65.6	56.1	84.1





#19

trans-1,2-Dichloroethene

Concen: 19.577 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

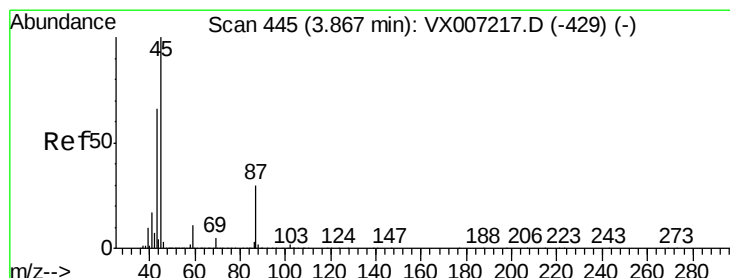
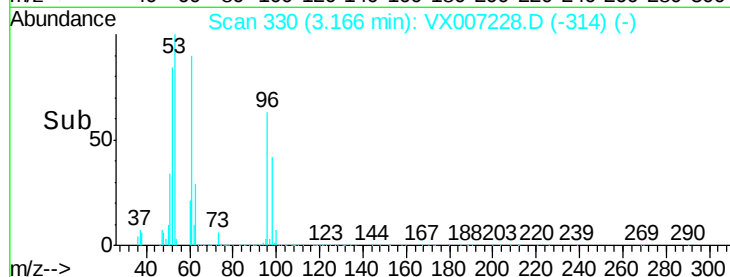
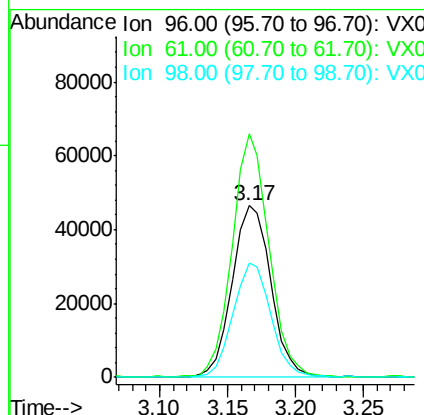
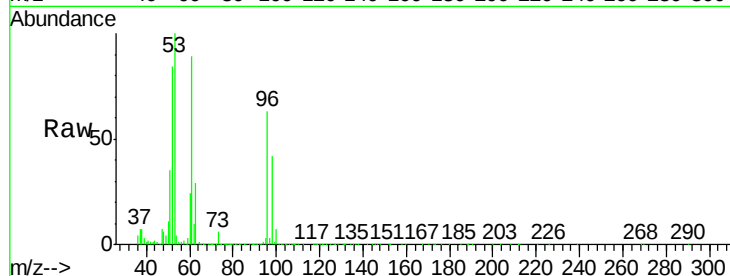
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	92113
Ion	Ratio	Lower	Upper
96	100		
61	142.2	107.8	161.6
98	66.3	54.9	82.3

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.902 ug/l

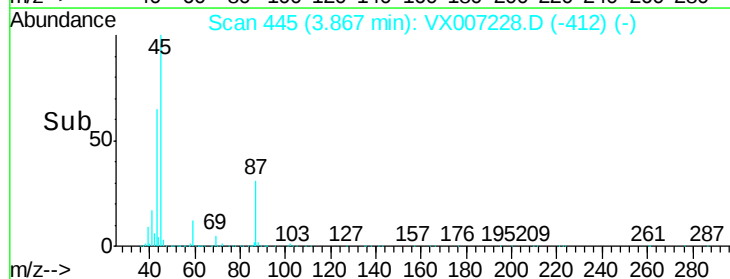
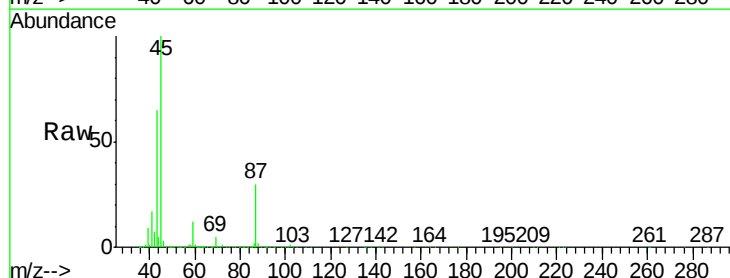
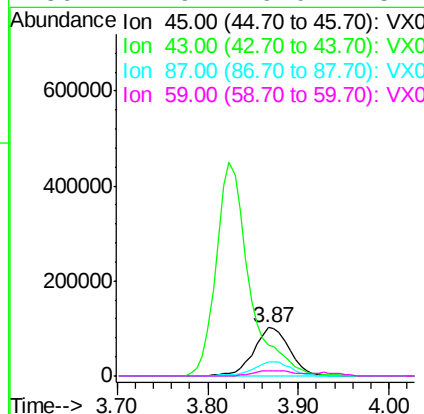
RT: 3.87 min Scan# 445

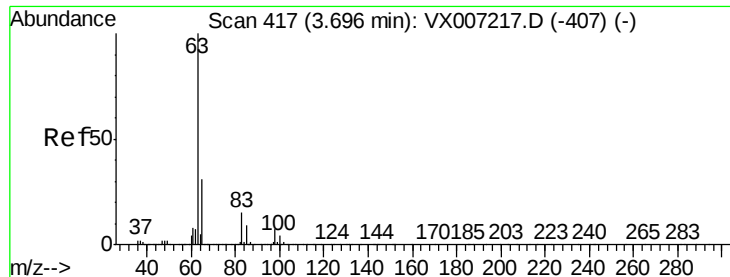
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	45	Resp:	279923
Ion	Ratio	Lower	Upper
45	100		
43	63.4	53.1	79.7
87	30.5	23.7	35.5
59	11.6	9.0	13.4





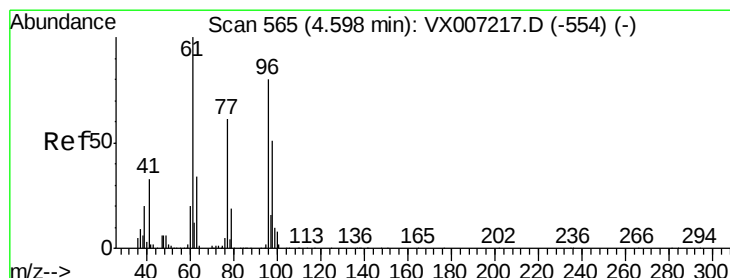
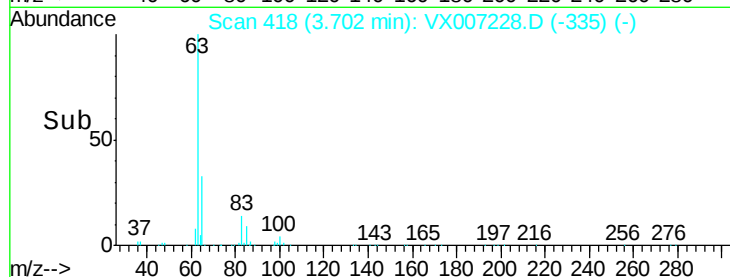
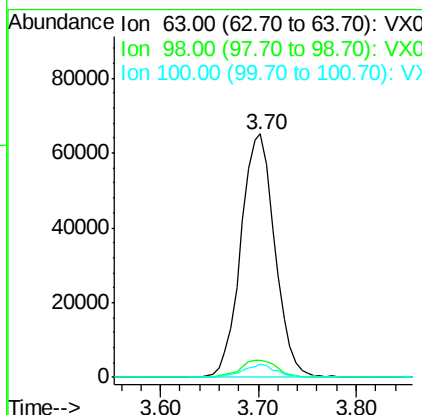
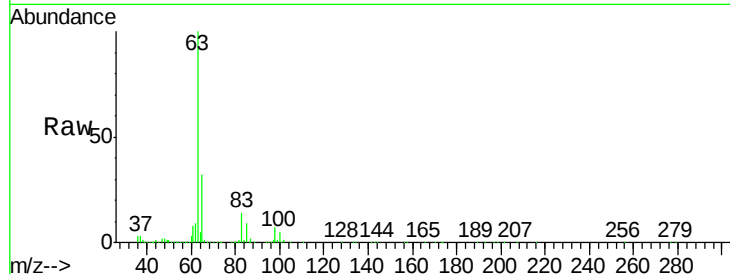
#21
 1,1-Dichloroethane
 Concen: 19.575 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. 0.01 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	63	Resp:	157252
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.3	9.9
100	5.2	2.1	6.2

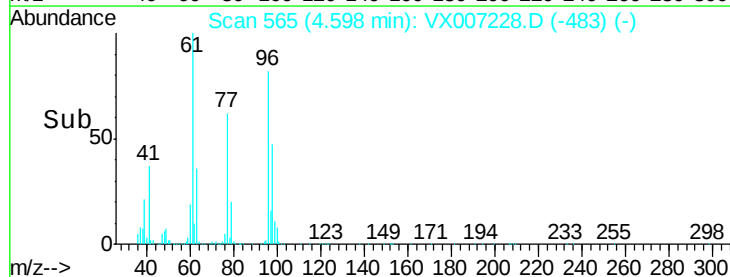
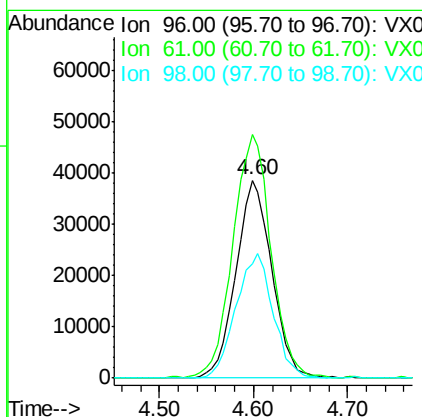
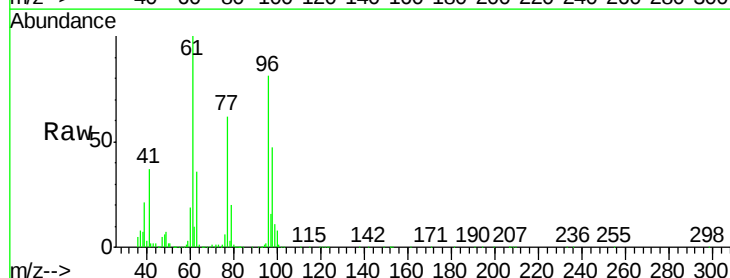
Manual Integrations
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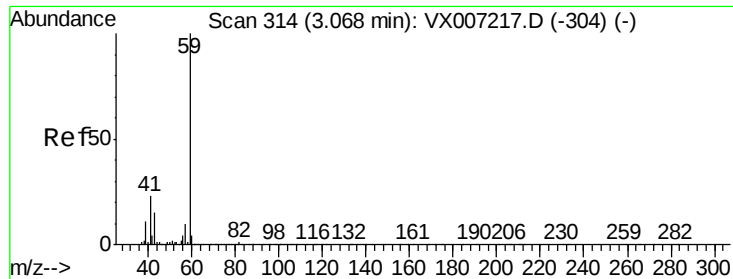
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#22
 cis-1,2-Dichloroethene
 Concen: 19.904 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Tgt Ion:	96	Resp:	102987
Ion Ratio	Lower	Upper	
96	100		
61	129.5	108.1	162.1
98	65.0	51.9	77.9





#23

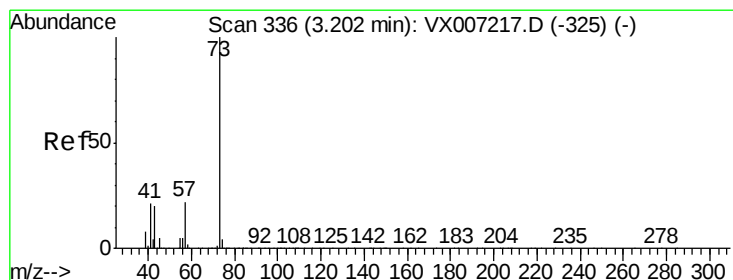
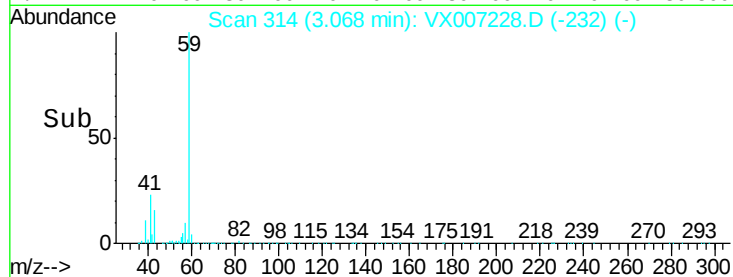
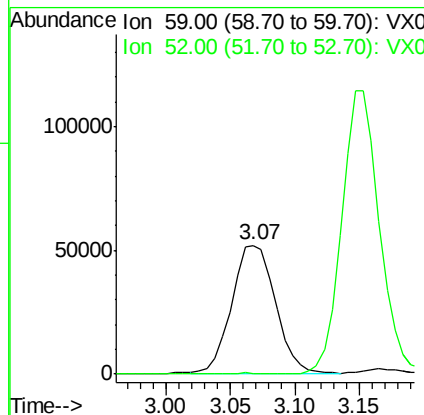
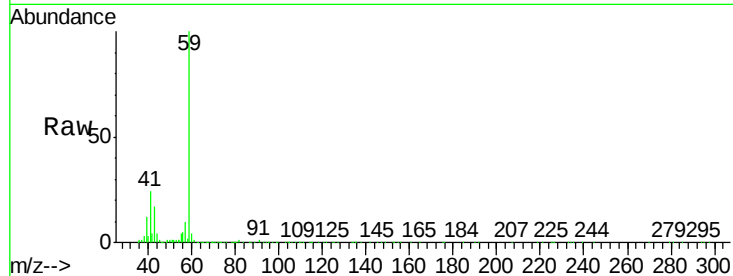
tert-Butyl Alcohol
Concen: 105.794 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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

Manual Integrations
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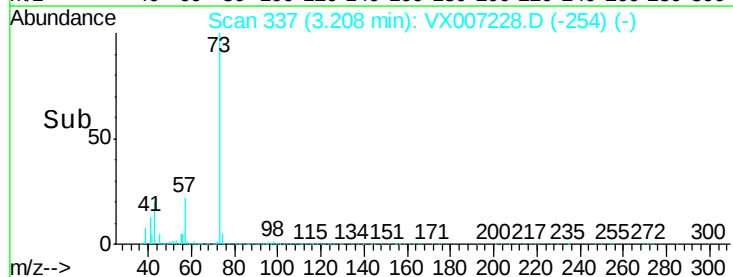
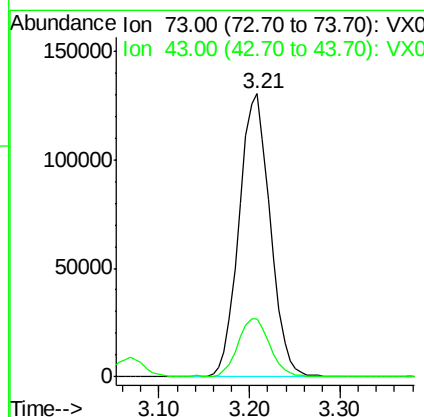
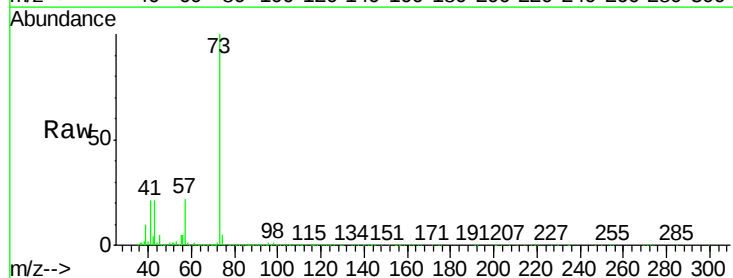
MMDadoda
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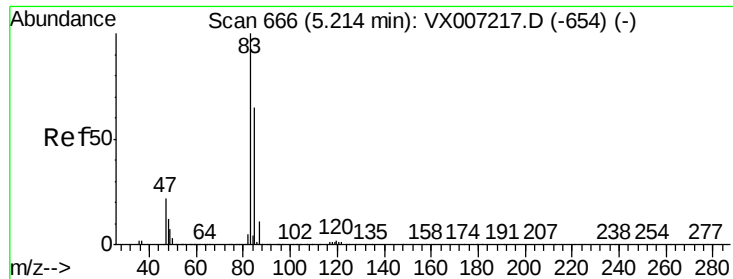


#24

Methyl tert-Butyl Ether
Concen: 20.347 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.2	24.4





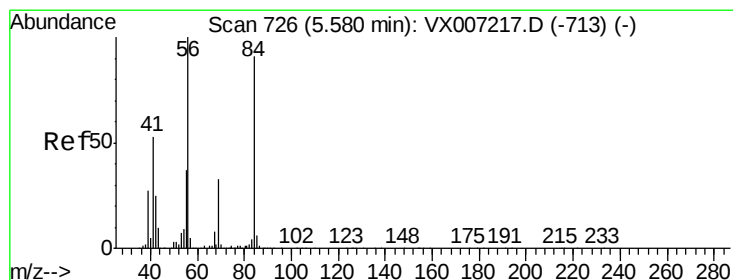
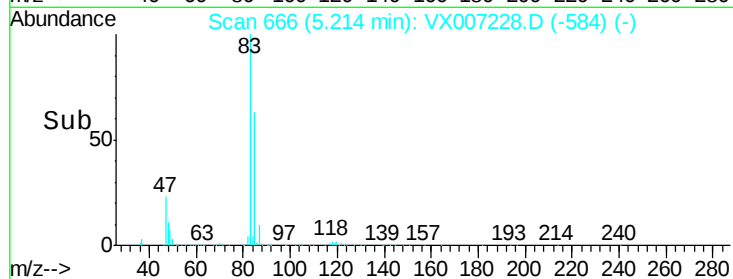
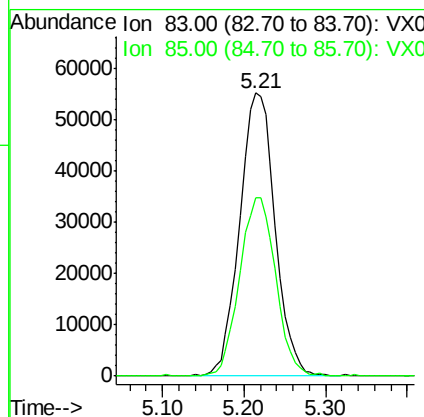
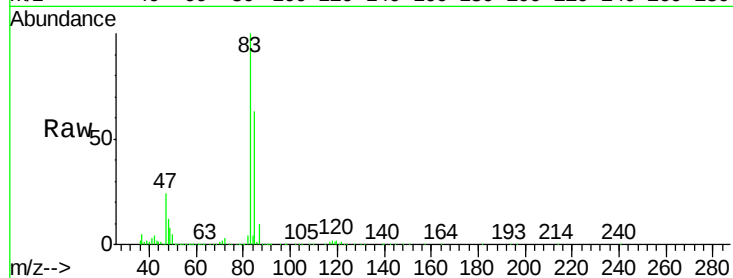
#25
Chloroform
Concen: 20.107 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	166945
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	51.9	77.9

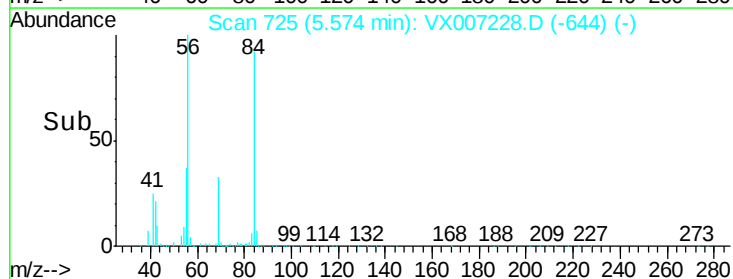
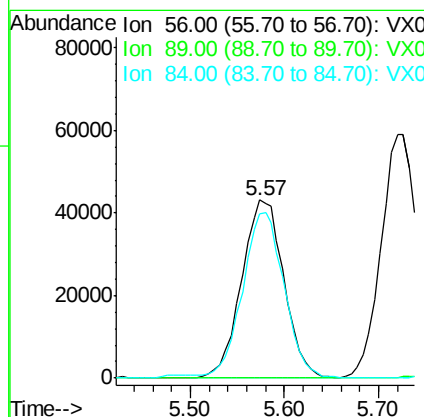
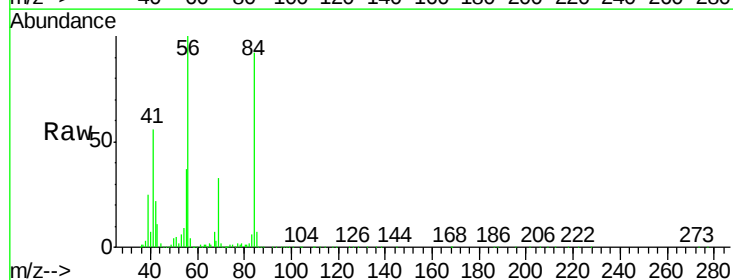
Manual Integrations
APPROVED

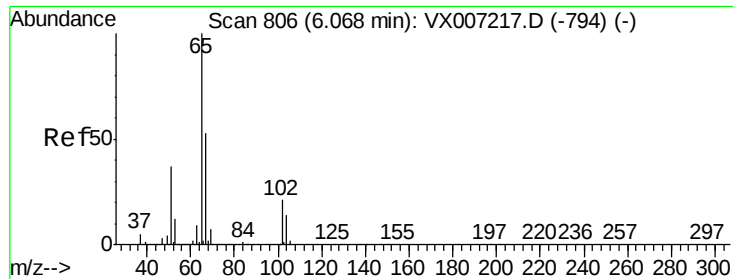
MMDadoda
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#26
Cyclohexane
Concen: 19.777 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	56	Resp	133808
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	90.5	74.2	111.2





#27

1,2-Dichloroethane-d4

Concen: 30.344 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 167693

Ion Ratio Lower Upper

65 100

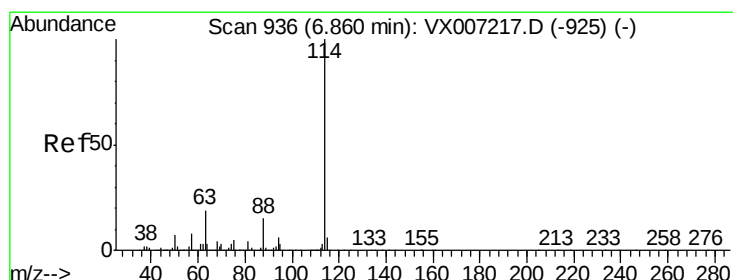
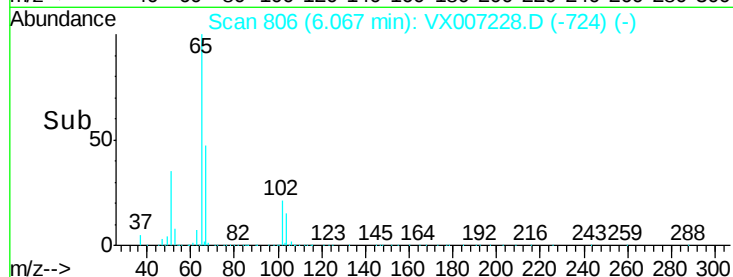
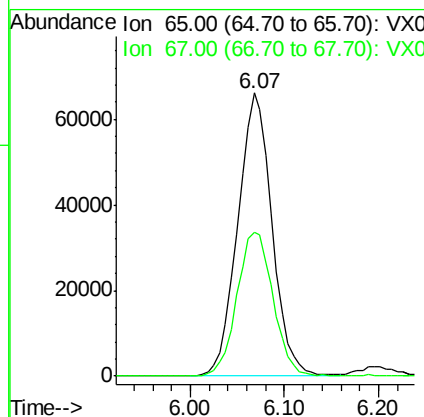
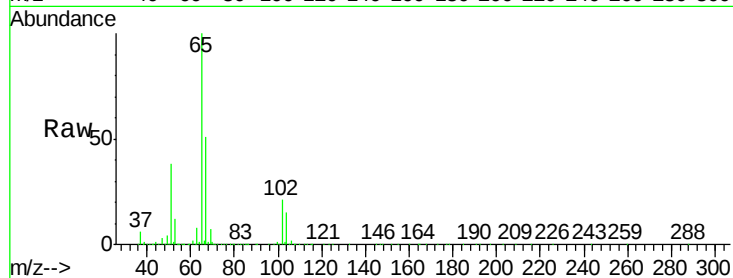
67 53.3 42.0 63.0

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

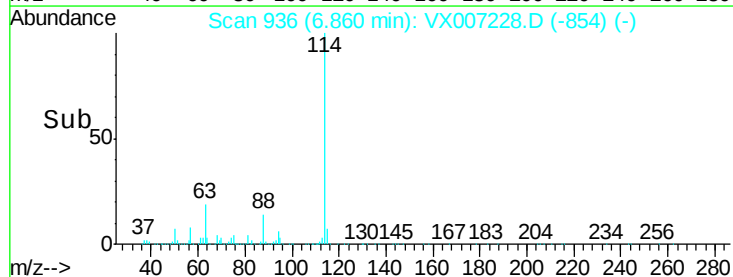
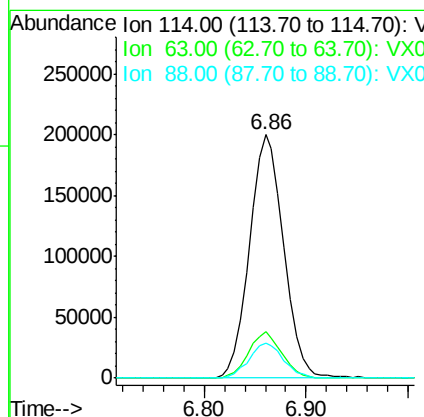
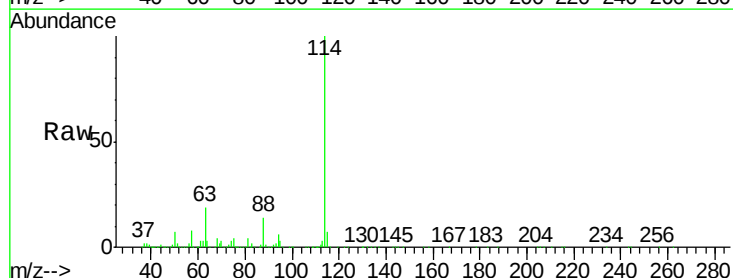
Tgt Ion: 114 Resp: 465495

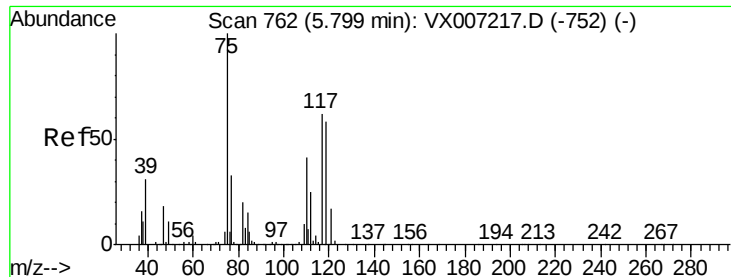
Ion Ratio Lower Upper

114 100

63 18.6 14.6 21.8

88 14.5 11.8 17.6





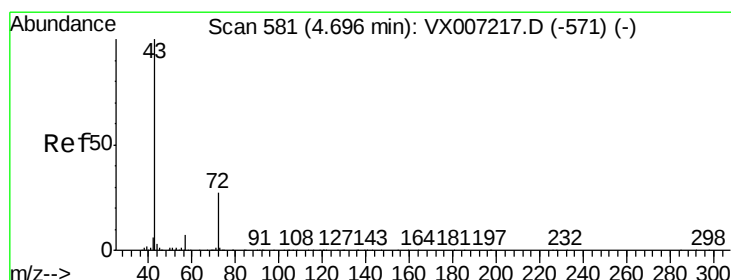
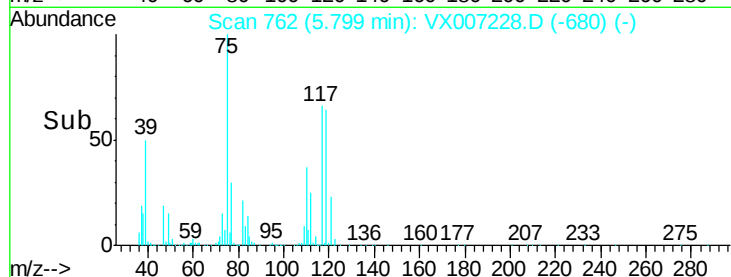
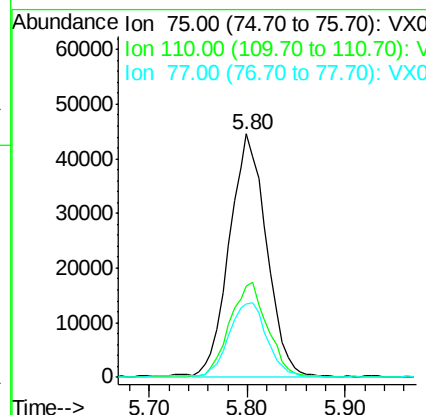
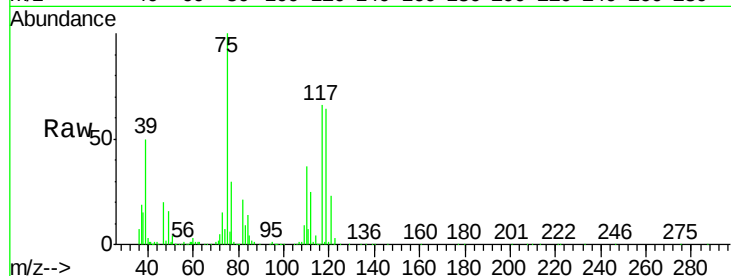
#29
 1,1-Dichloropropene
 Concen: 19.421 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.5	0.0	78.8
77	31.2	0.0	61.8

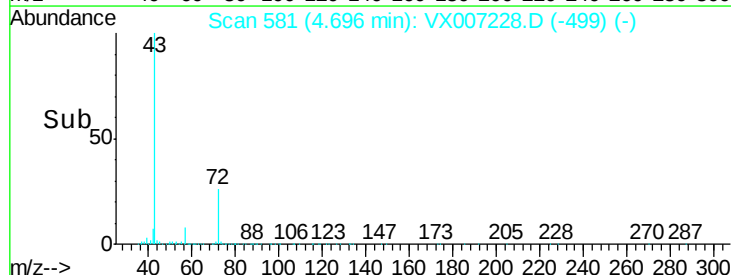
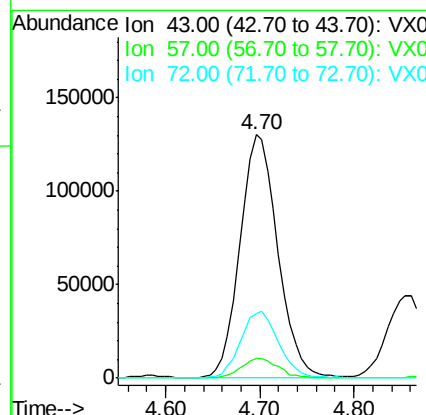
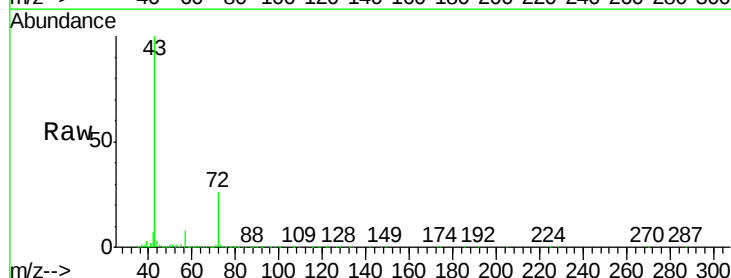
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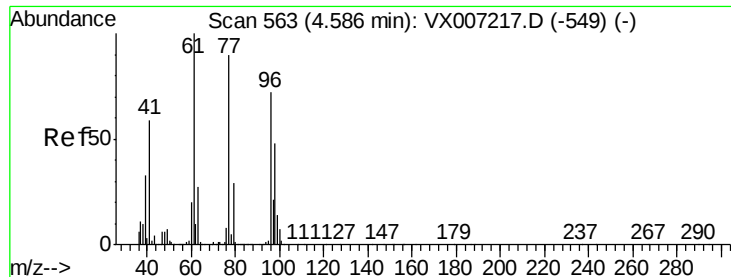
MMDadoda
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#30
 2-Butanone
 Concen: 100.493 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	3.3	4.9#
72	27.3	22.0	33.0





#31

2,2-Dichloropropane

Concen: 17.148 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 105129

Ion Ratio Lower Upper

77 100

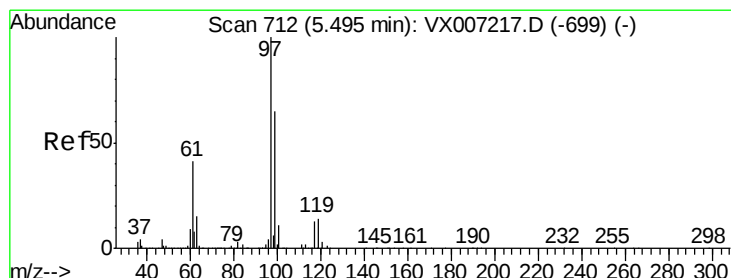
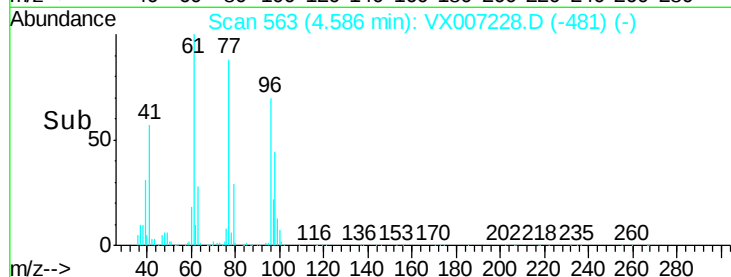
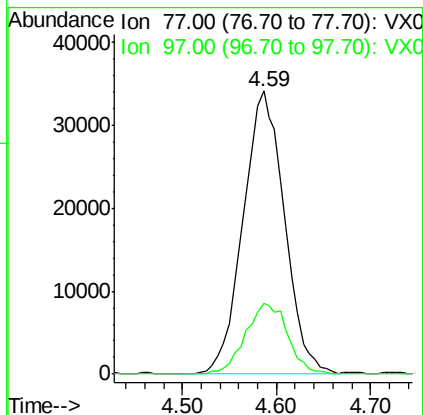
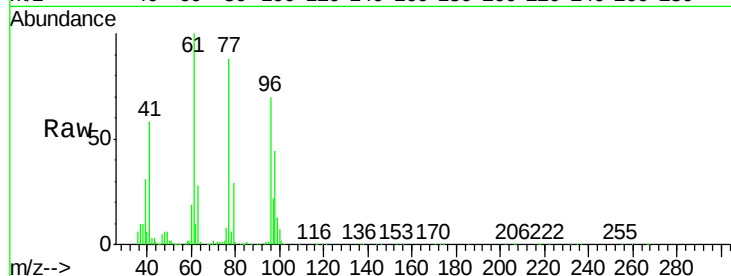
97 25.6 19.8 29.8

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#32

1,1,1-Trichloroethane

Concen: 18.627 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

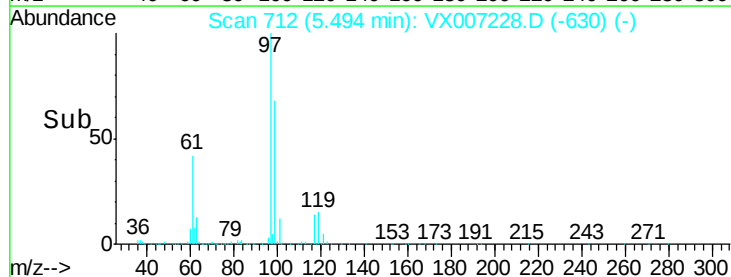
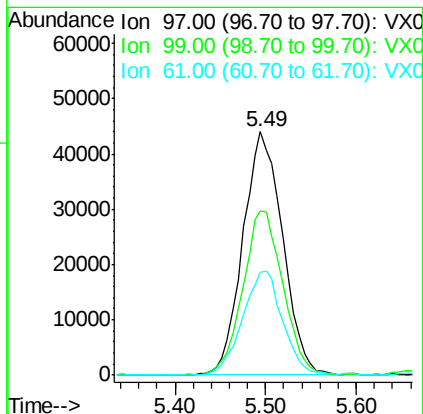
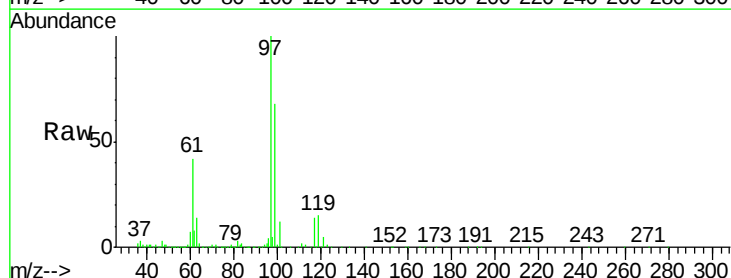
Tgt Ion: 97 Resp: 133588

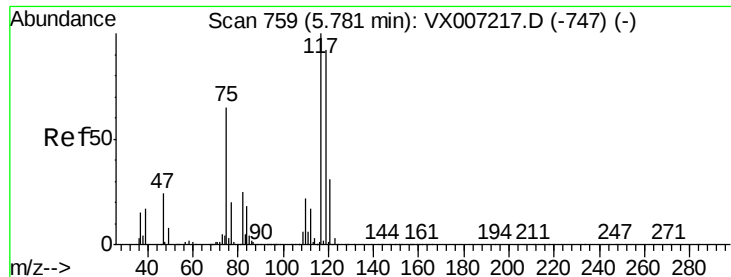
Ion Ratio Lower Upper

97 100

99 67.8 51.9 77.9

61 43.1 33.6 50.4





#33

Carbon Tetrachloride

Concen: 18.613 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

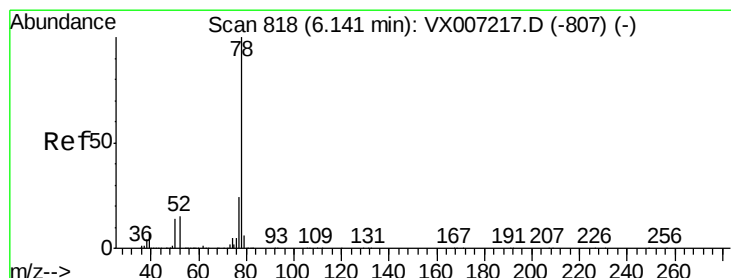
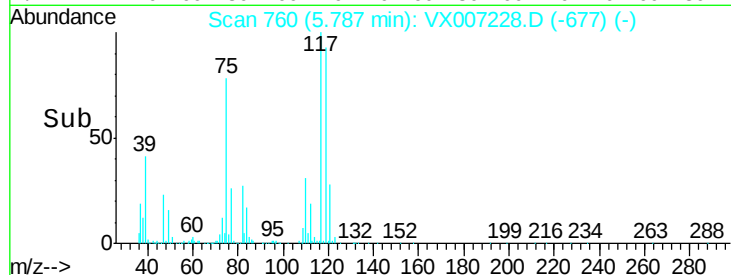
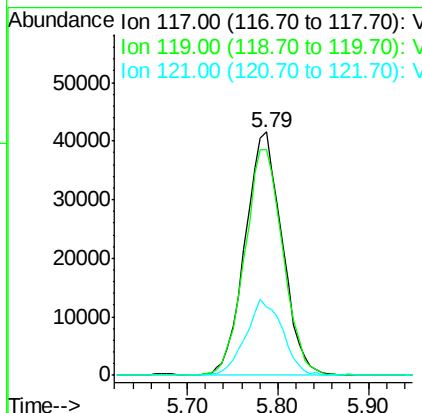
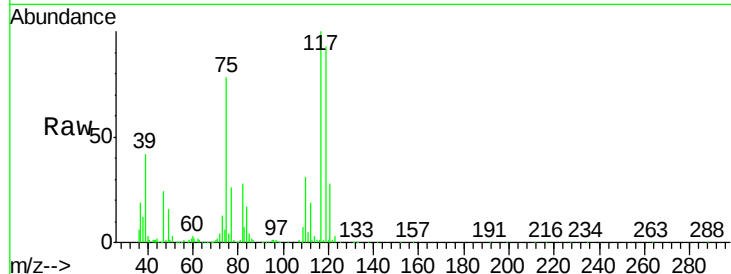
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	117338
Ion Ratio	Lower	Upper	
117	100		
119	92.4	73.5	110.3
121	28.0	24.6	37.0

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#34

Benzene

Concen: 19.652 ug/l

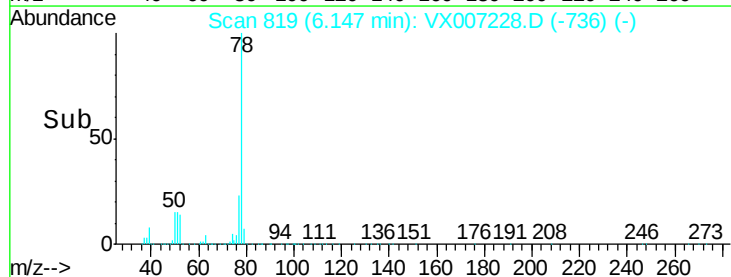
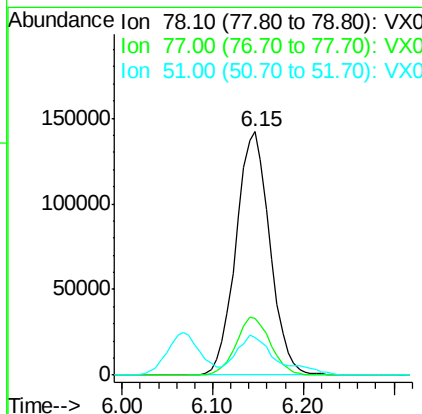
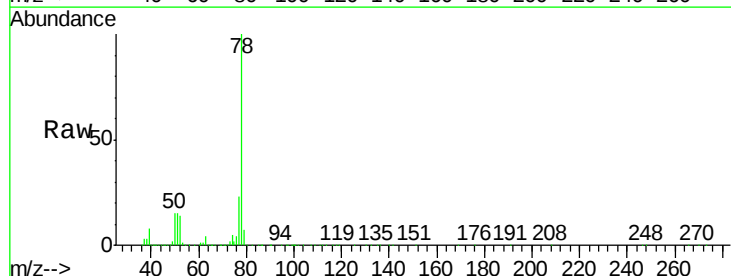
RT: 6.15 min Scan# 819

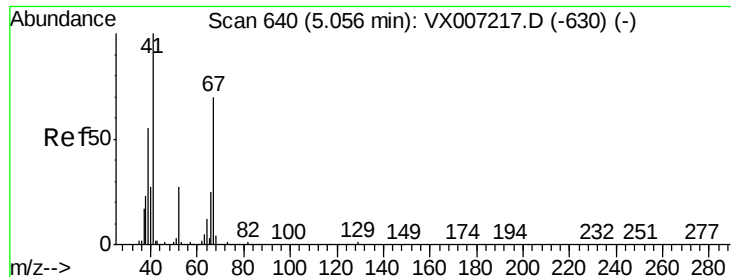
Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	78	Resp:	367836
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.1	28.7
51	15.1	12.4	18.6





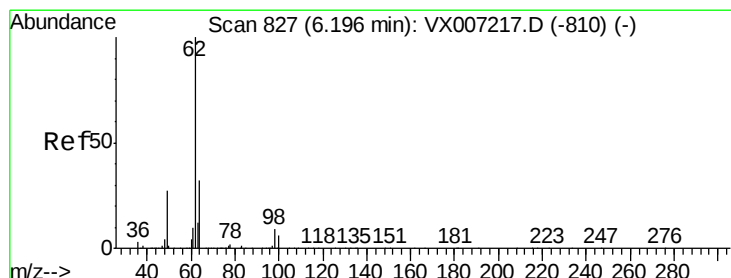
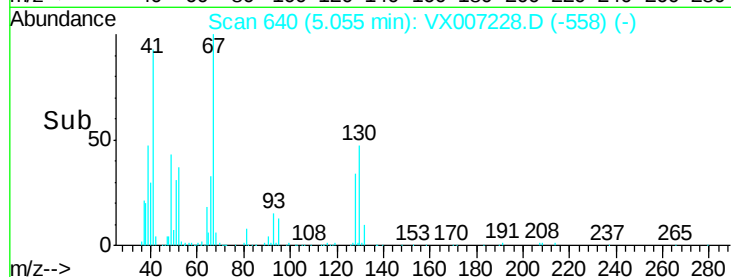
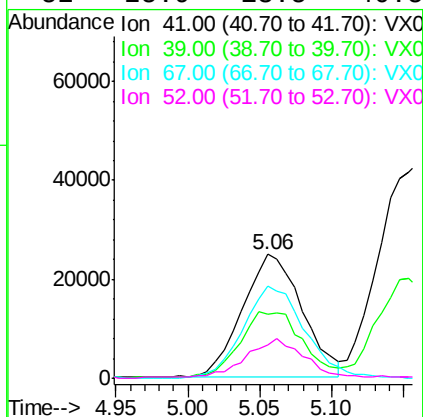
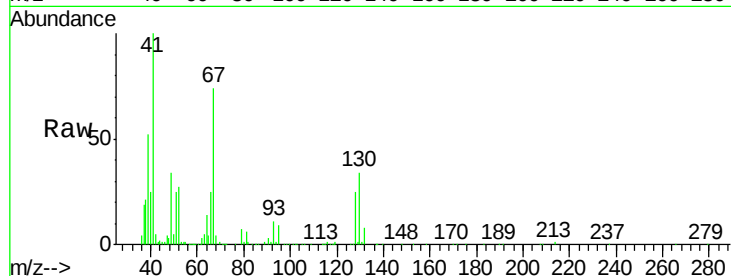
#35
Methacrylonitrile
Concen: 19.026 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	70416
Ion Ratio	Lower	Upper	
41	100		
39	51.0	27.5	82.4
67	74.4	34.8	104.3
52	25.9	13.5	40.5

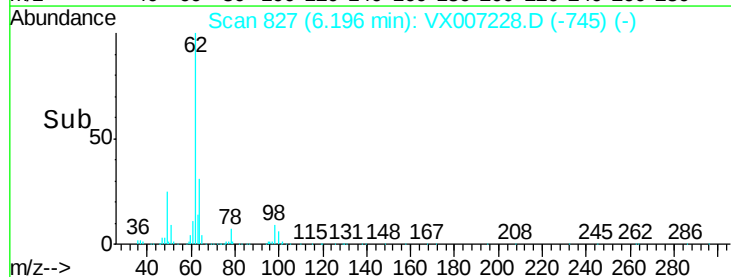
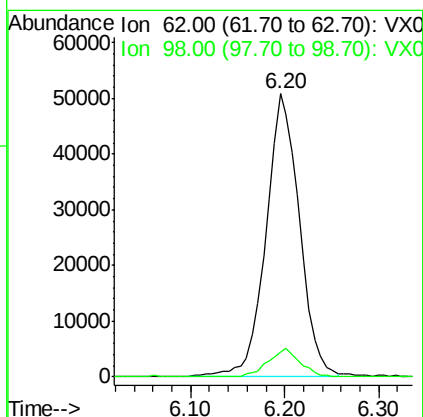
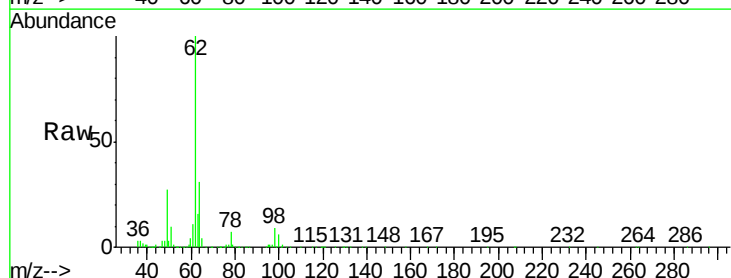
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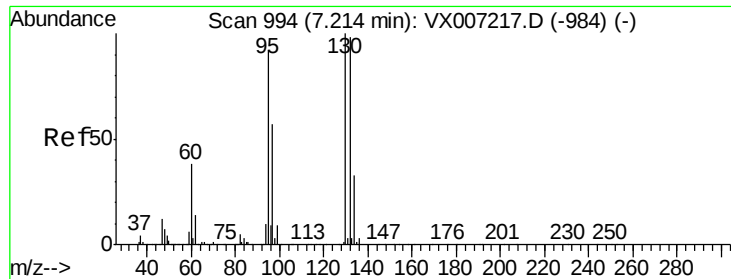
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#36
1,2-Dichloroethane
Concen: 19.372 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion:	62	Resp:	125119
Ion Ratio	Lower	Upper	
62	100		
98	9.8	8.1	12.1





#37

Trichloroethene

Concen: 19.486 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 107542

Ion Ratio Lower Upper

130 100

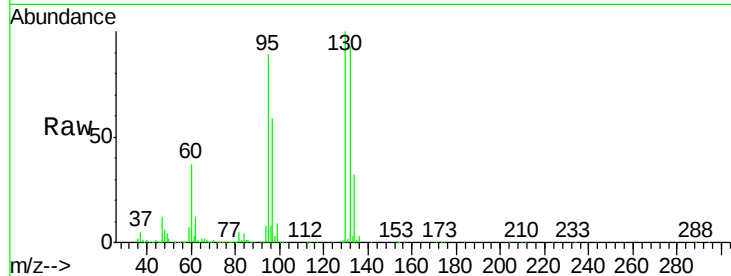
95 89.1 73.7 110.5

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

60000

50000

40000

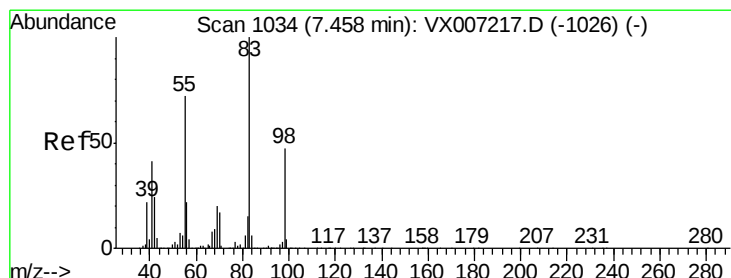
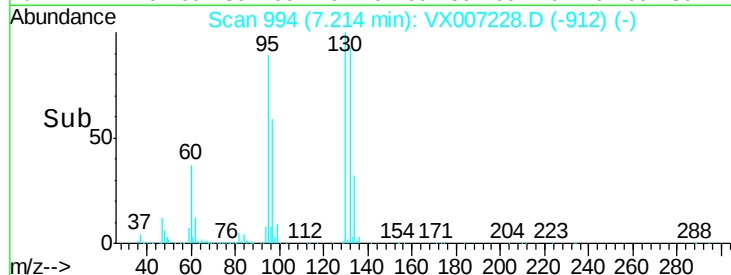
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 18.691 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

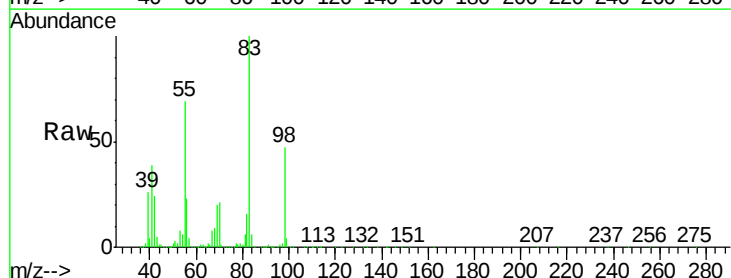
Tgt Ion: 83 Resp: 143740

Ion Ratio Lower Upper

83 100

55 71.7 36.6 109.8

98 47.7 24.1 72.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

80000

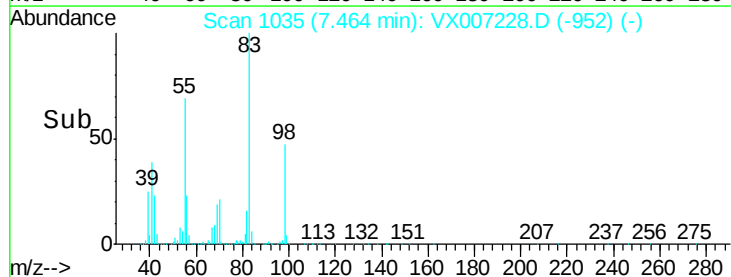
60000

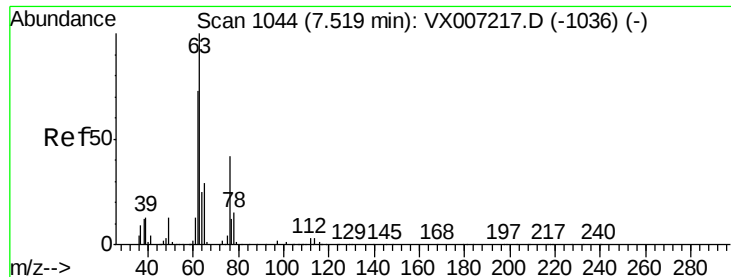
40000

20000

0

Time--> 7.35 7.40 7.45 7.50 7.55





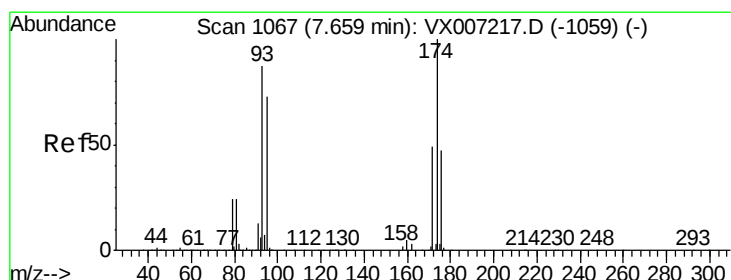
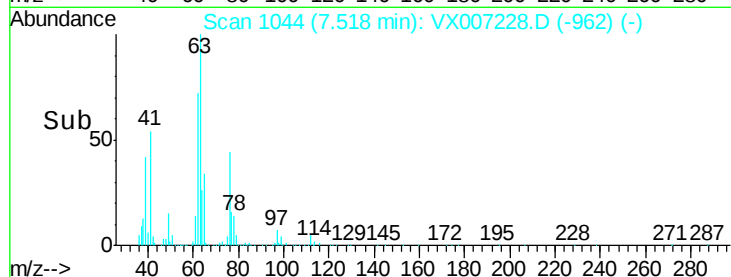
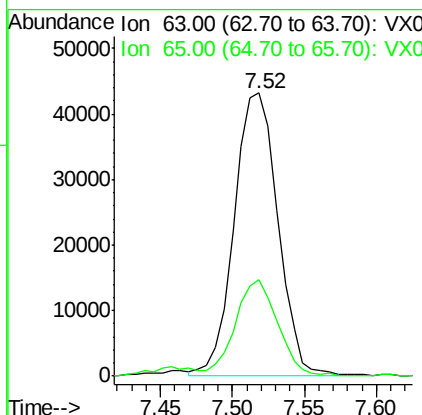
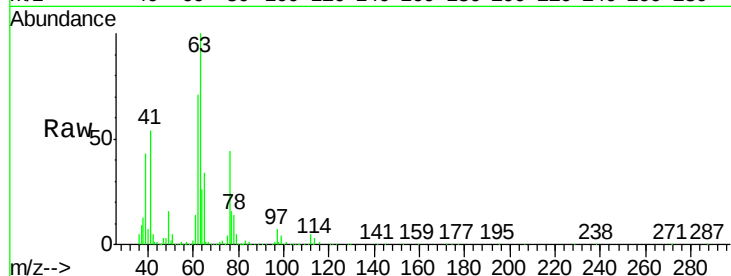
#39
 1,2-Dichloropropane
 Concen: 19.316 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion: 63 Resp: 90671
 Ion Ratio Lower Upper
 63 100
 65 33.8 24.7 37.1

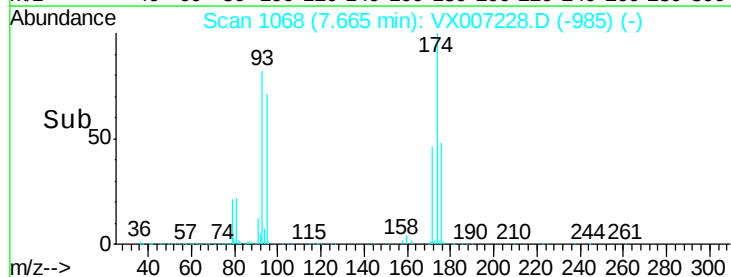
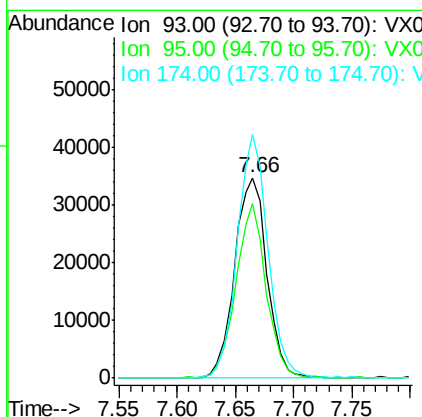
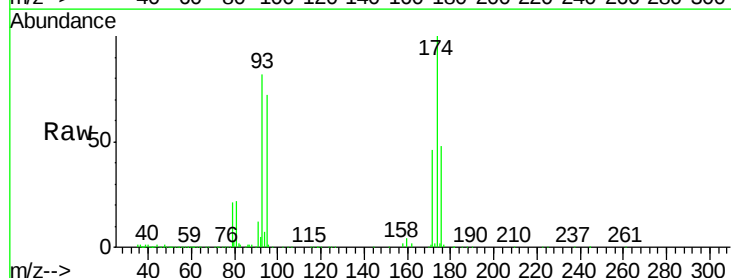
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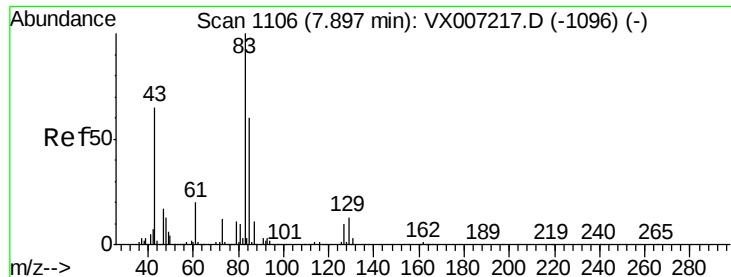
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#40
 Dibromomethane
 Concen: 19.909 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Tgt Ion: 93 Resp: 67318
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 172.4
 174 115.3 0.0 233.0





#41

Bromodichloromethane

Concen: 18.436 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

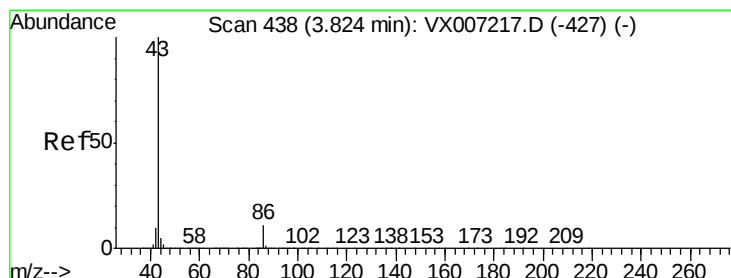
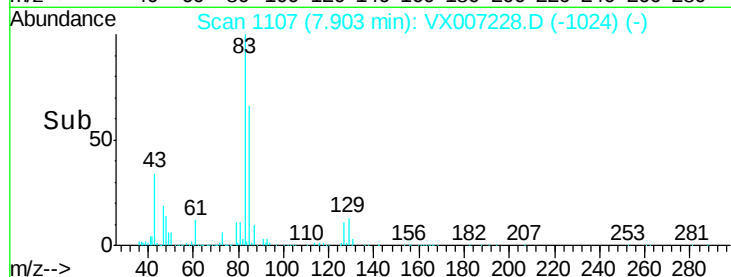
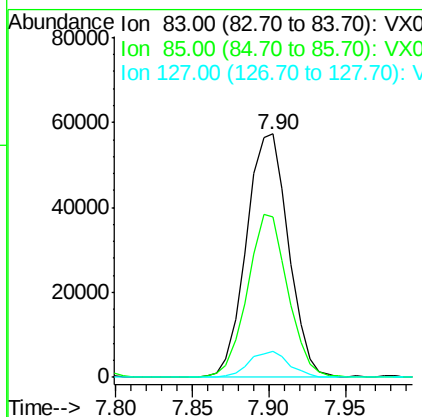
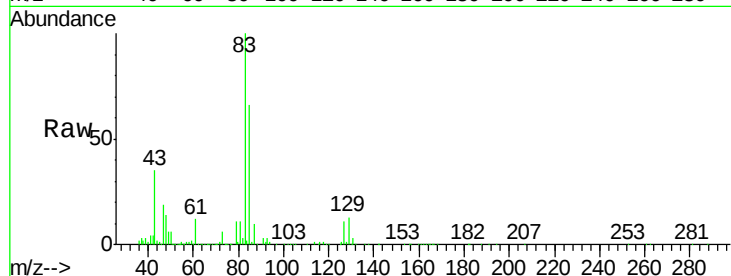
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	109403
Ion Ratio	Lower	Upper	
83	100		
85	65.9	48.2	72.2
127	10.6	8.3	12.5

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#42

Vinyl Acetate

Concen: 93.935 ug/l

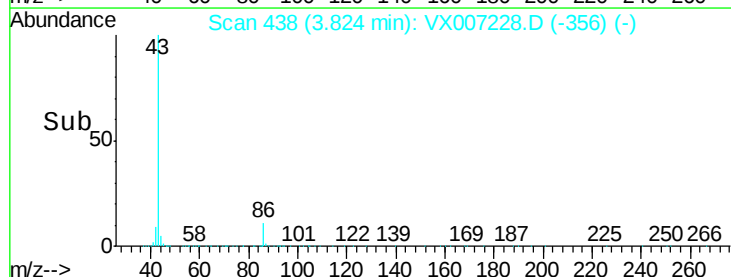
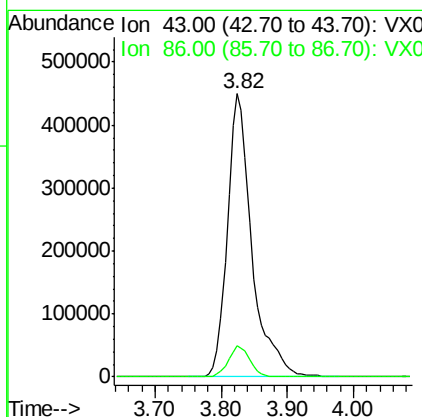
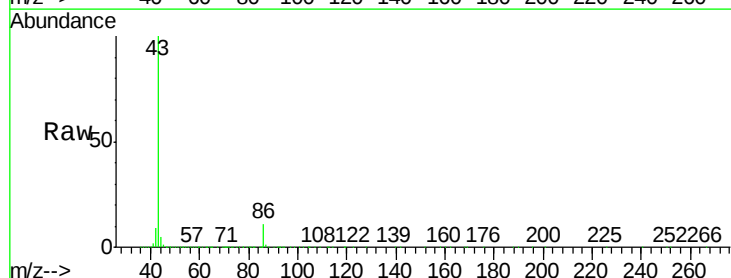
RT: 3.82 min Scan# 438

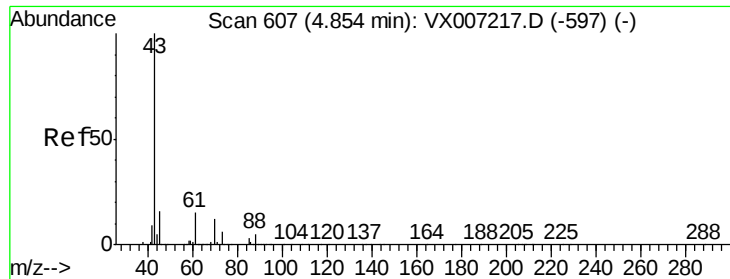
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	43	Resp:	1154796
Ion Ratio	Lower	Upper	
43	100		
86	9.7	8.0	12.0





#43

Ethyl Acetate

Concen: 19.625 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 132772

Ion Ratio Lower Upper

43 100

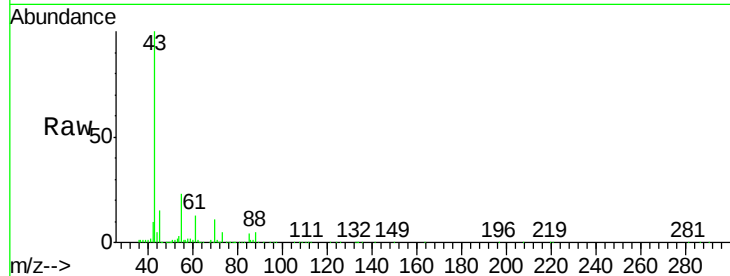
45 14.6 11.7 17.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

120000

100000

80000

60000

40000

20000

0

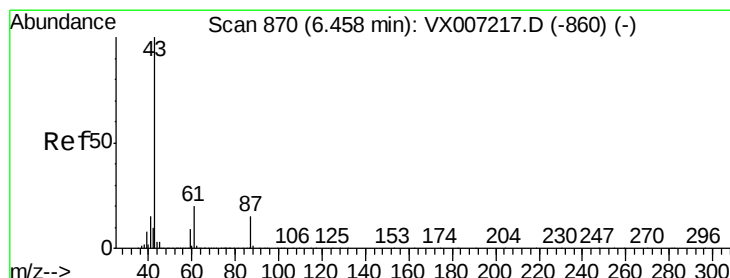
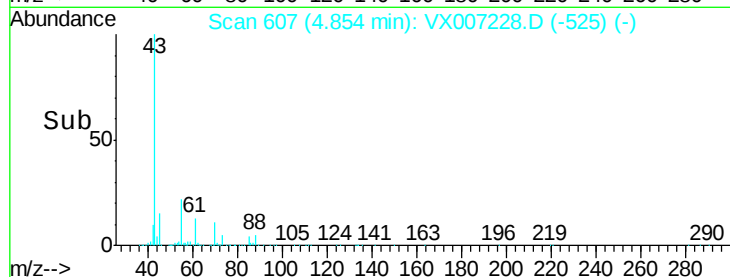
4.80

4.85

4.90

5.00

Time-->



#44

Isopropyl Acetate

Concen: 19.301 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007228.D

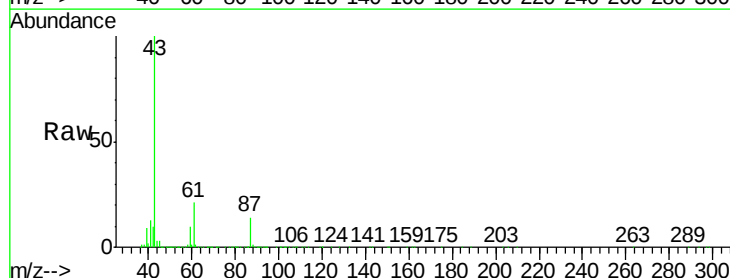
Acq: 25 Jan 2019 14:32

Tgt Ion: 43 Resp: 203954

Ion Ratio Lower Upper

43 100

61 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

6.35

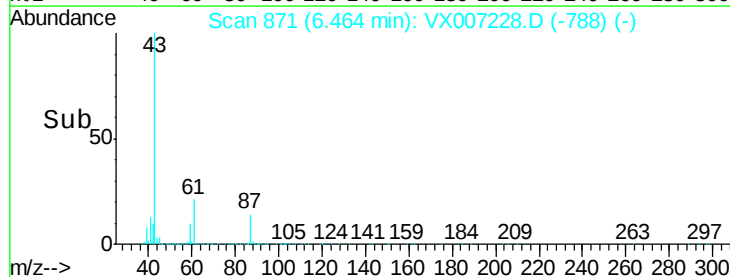
6.40

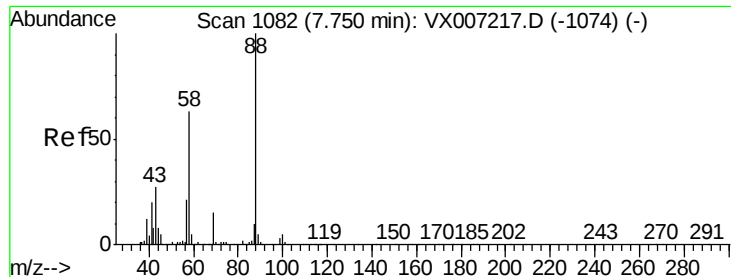
6.45

6.50

6.55

Time-->





#45

1,4-Dioxane

Concen: 418.739 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

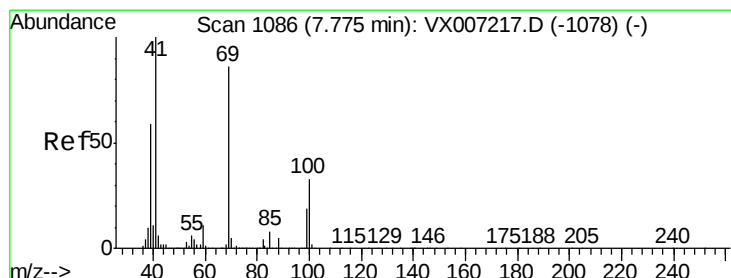
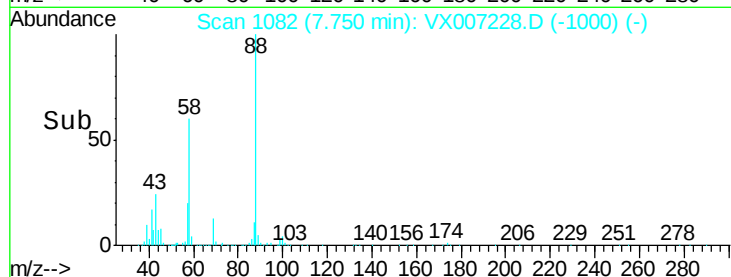
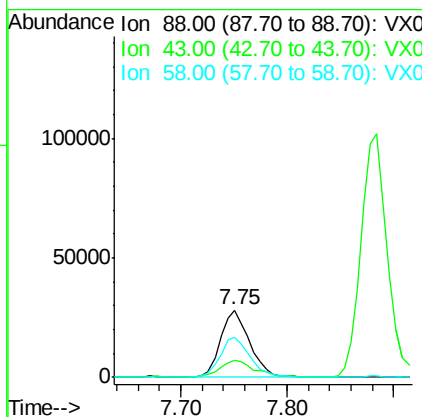
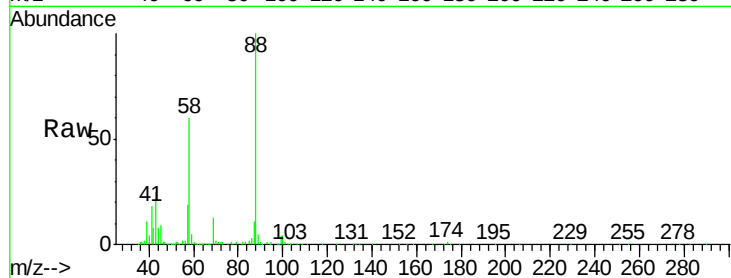
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	53619
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.5	35.3
58	62.5	51.6	77.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.654 ug/l

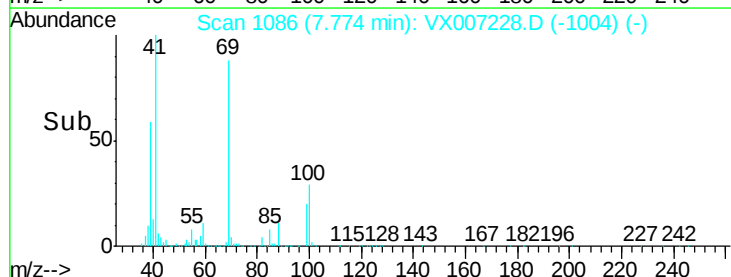
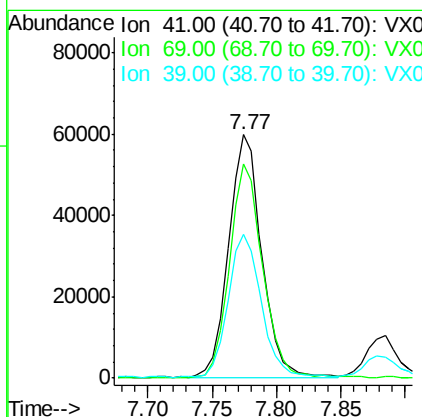
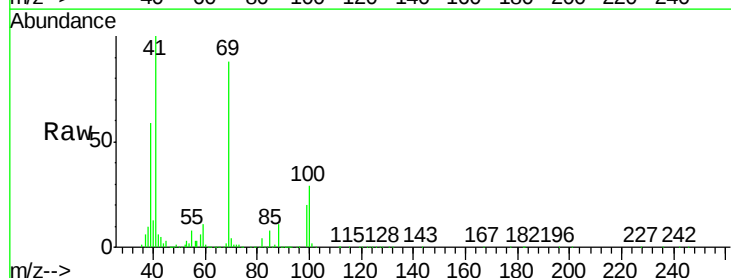
RT: 7.77 min Scan# 1086

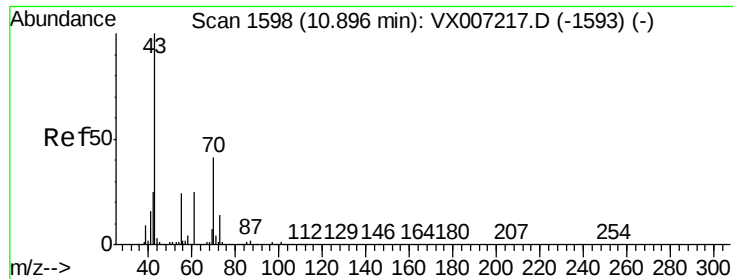
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	41	Resp:	106192
Ion	Ratio	Lower	Upper
41	100		
69	87.9	43.0	129.2
39	58.7	29.4	88.2





#47

n-amvl Acetate

Concen: 19.238 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 178747

Ion Ratio Lower Upper

43 100

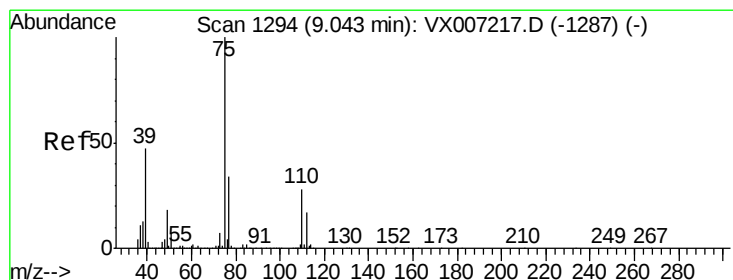
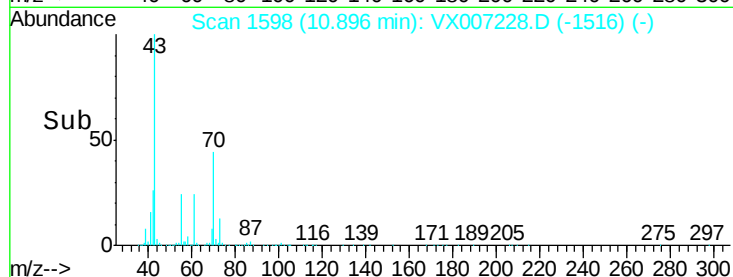
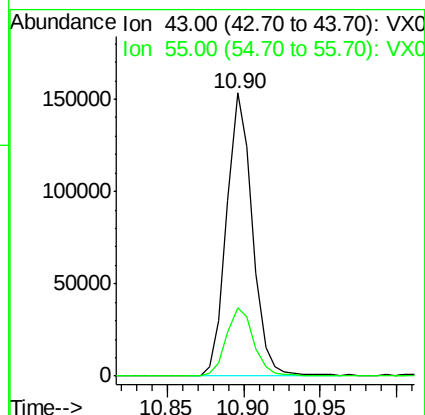
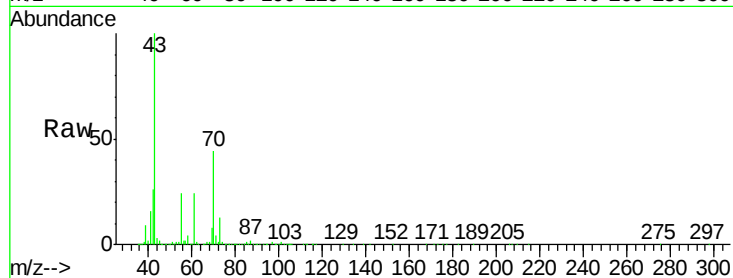
55 25.6 19.9 29.9

Manual Integrations

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1/28/2019 12:05:35 PM



#48

t-1,3-Dichloropropene

Concen: 18.321 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007228.D

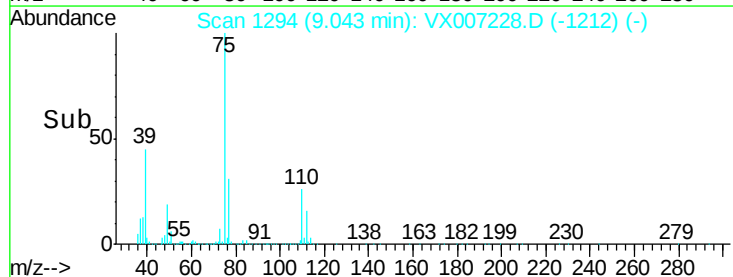
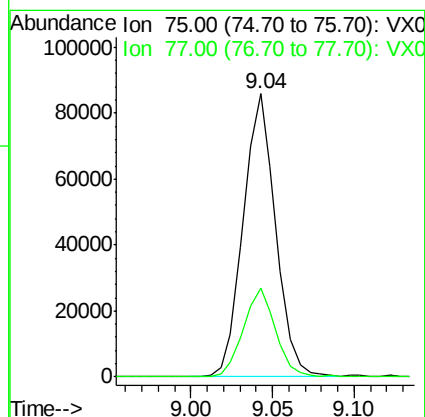
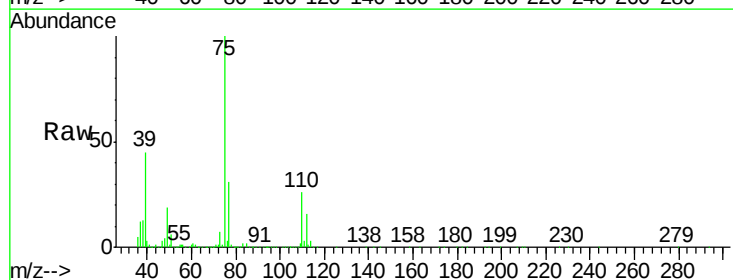
Acq: 25 Jan 2019 14:32

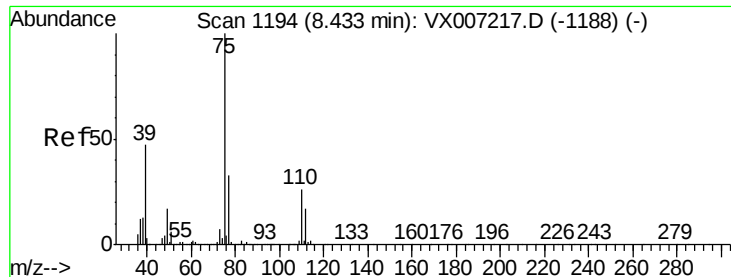
Tgt Ion: 75 Resp: 118576

Ion Ratio Lower Upper

75 100

77 31.3 26.7 40.1





#49

cis-1,3-Dichloropropene

Concen: 18.738 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

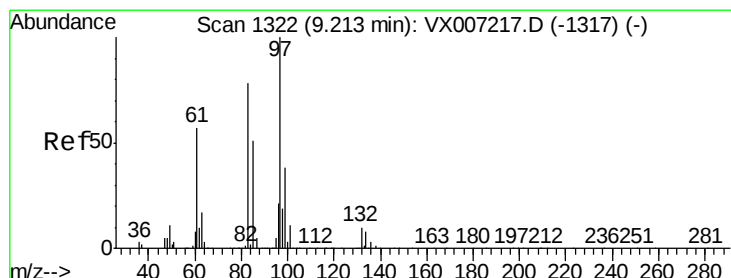
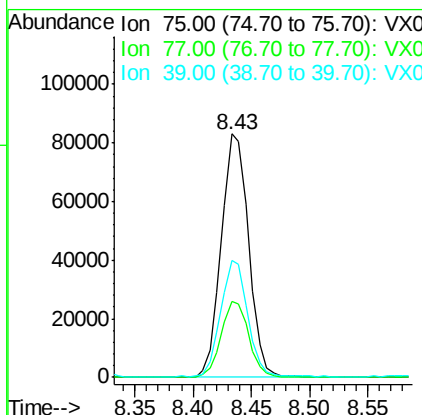
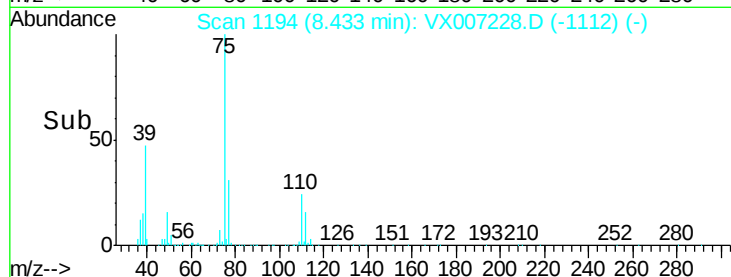
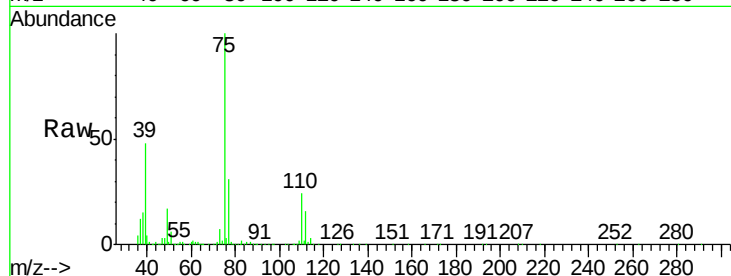
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	134730
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.4
39	47.5	37.2	55.8

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.984 ug/l

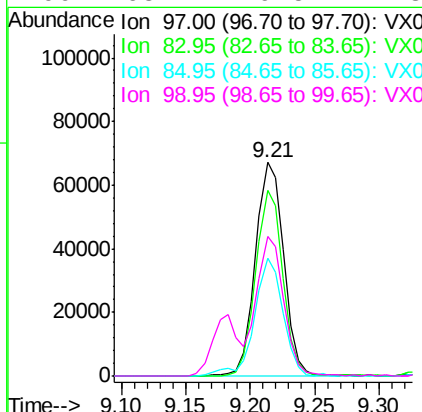
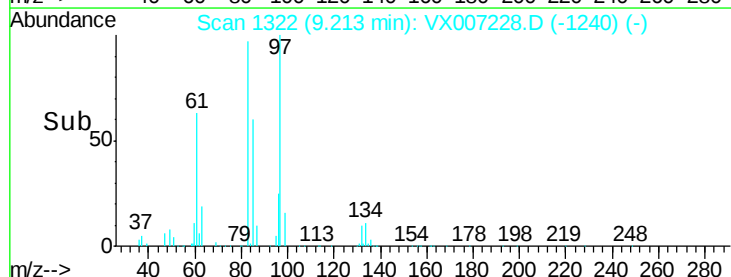
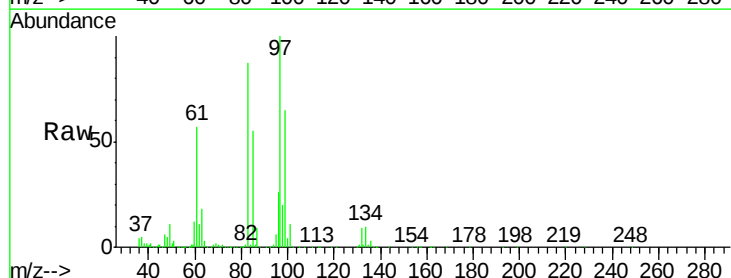
RT: 9.21 min Scan# 1322

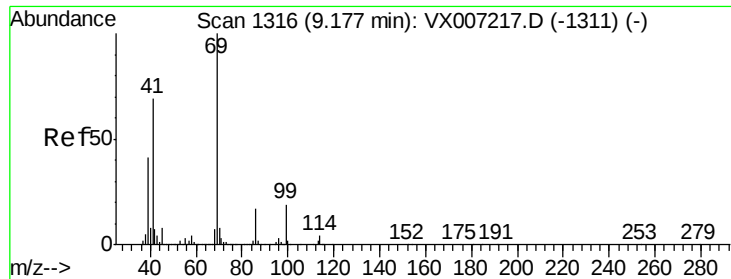
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	97	Resp:	101419
Ion	Ratio	Lower	Upper
97	100		
83	87.1	62.5	93.7
85	54.8	41.8	62.6
99	65.2	49.5	74.3





#51

Ethyl methacrylate

Concen: 19.371 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

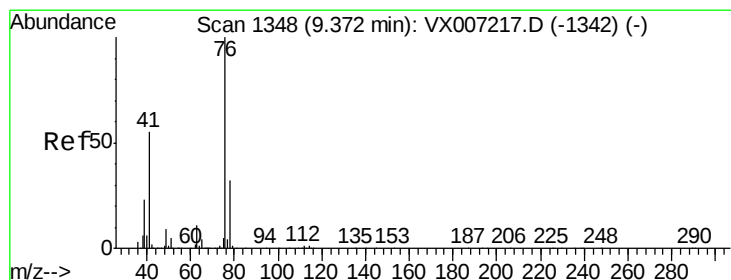
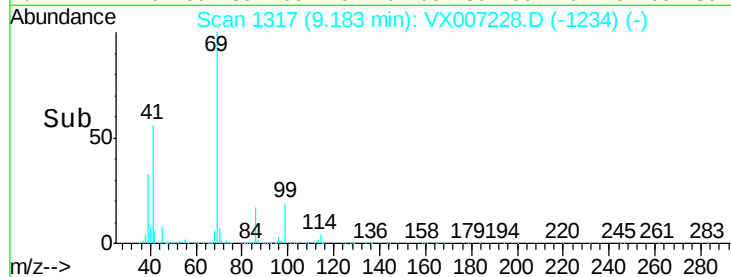
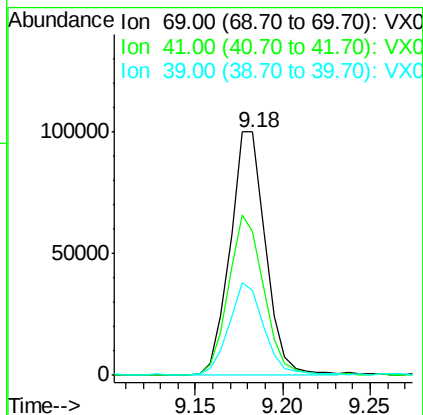
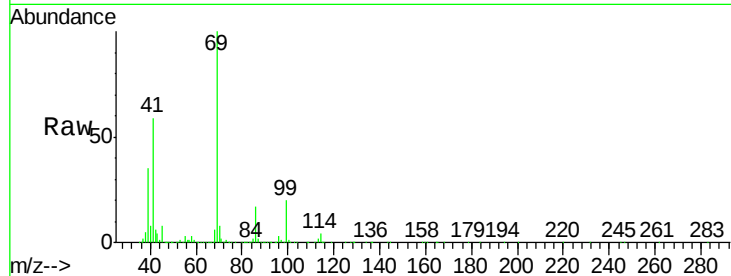
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	140465
Ion Ratio	Lower	Upper	
69	100		
41	59.0	34.2	102.6
39	34.8	20.3	60.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.898 ug/l

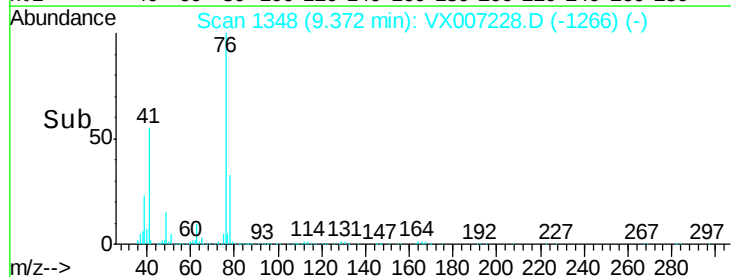
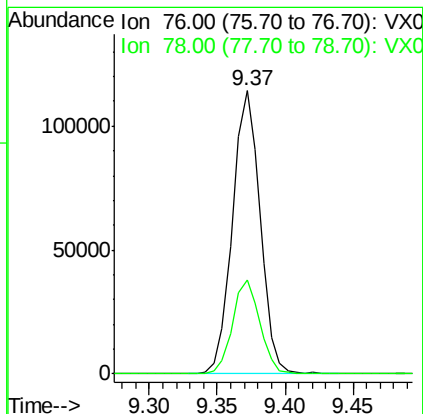
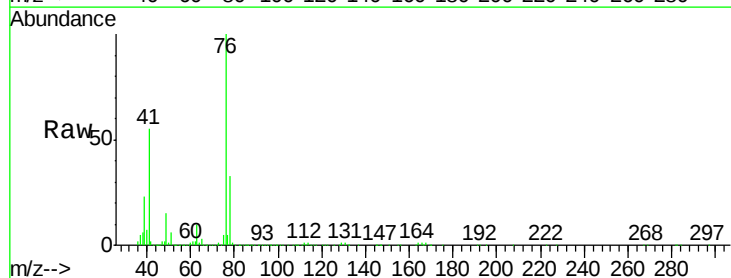
RT: 9.37 min Scan# 1348

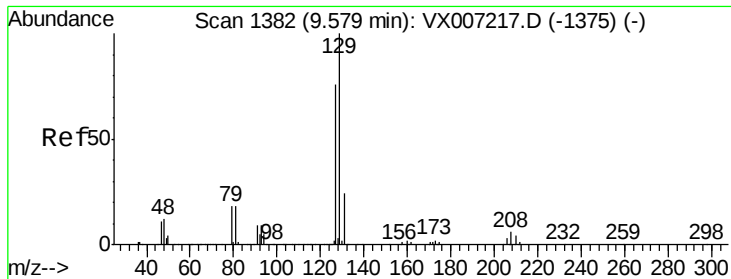
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	76	Resp:	161696
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	66.2





#53

Dibromochloromethane

Concen: 18.578 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 95295

Ion Ratio Lower Upper

129 100

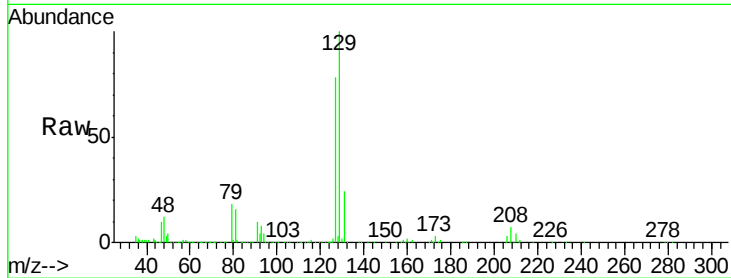
127 76.4 37.7 113.1

Manual Integrations

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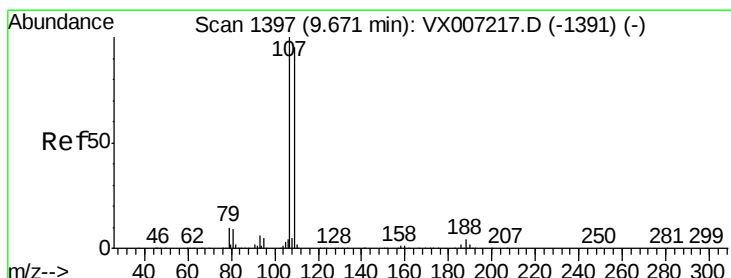
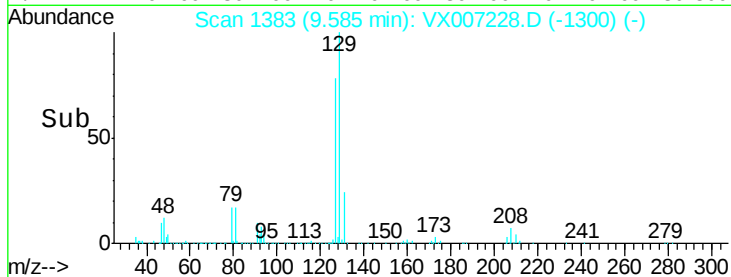
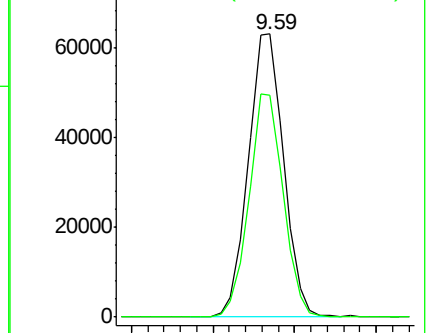
MMDadoda

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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: 20.005 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007228.D

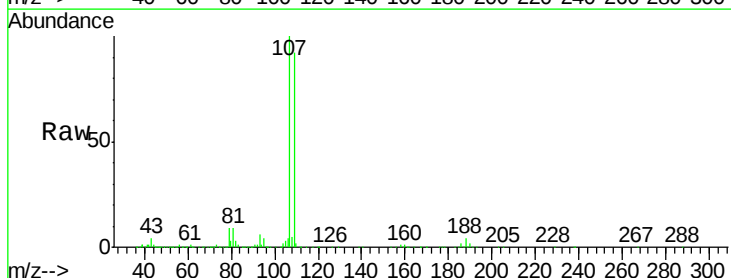
Acq: 25 Jan 2019 14:32

Tgt Ion:107 Resp: 109296

Ion Ratio Lower Upper

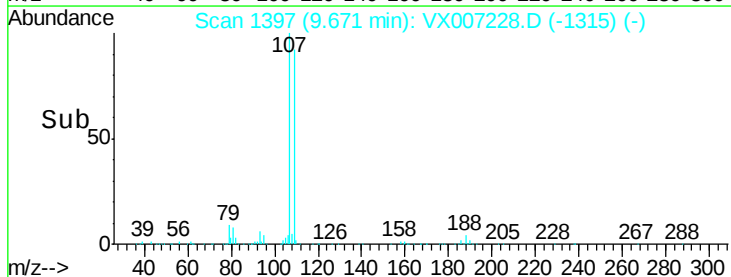
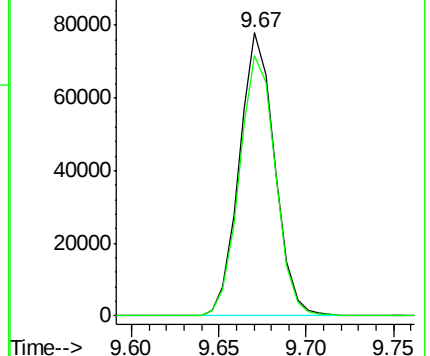
107 100

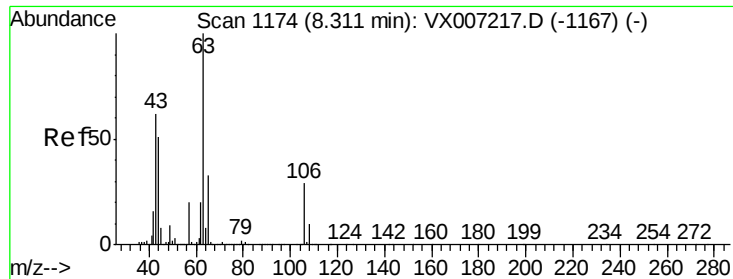
109 94.0 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





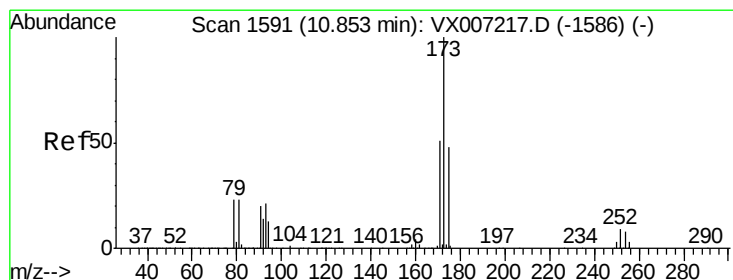
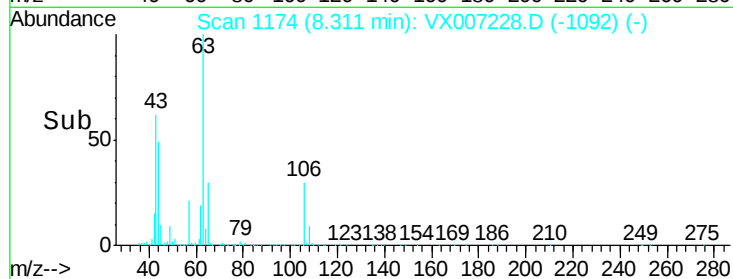
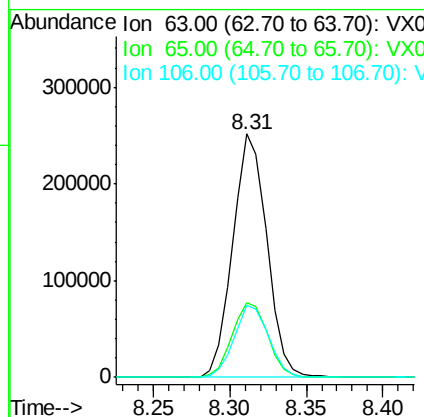
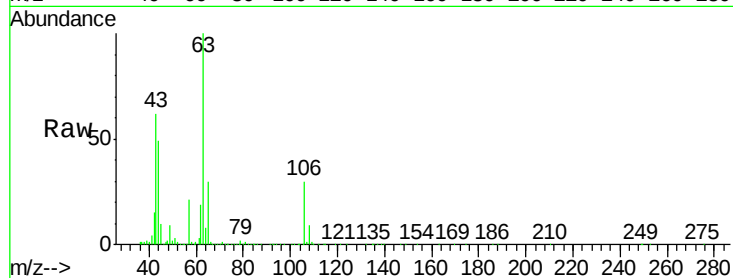
#55
2-Chloroethyl vinyl ether
Concen: 97.461 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.9	38.9
106	29.8	23.8	35.8

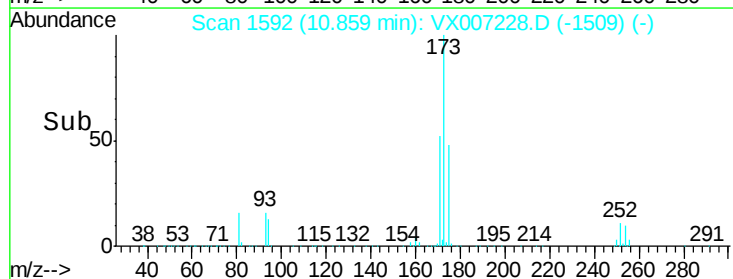
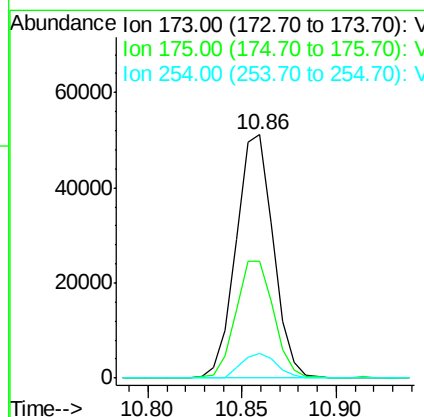
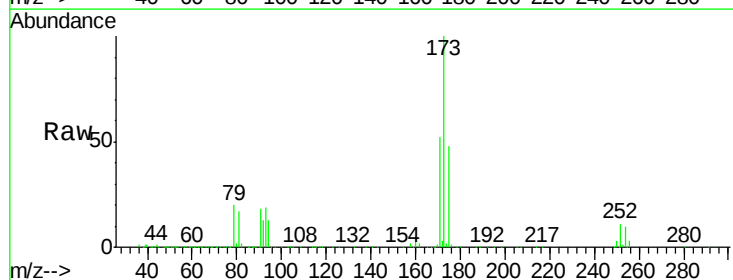
Manual Integrations
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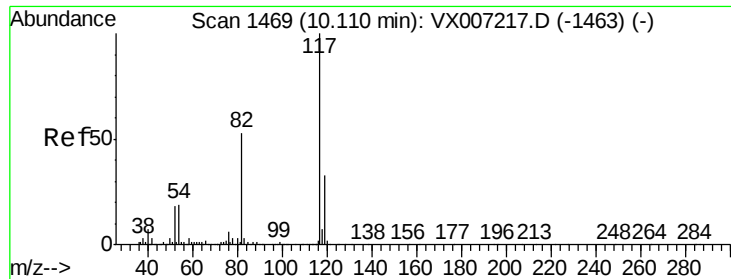
MMDadoda
1/28/2019 12:05:35 PM



#56
Bromoform
Concen: 17.993 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.9	58.3
254	9.5	8.5	12.7





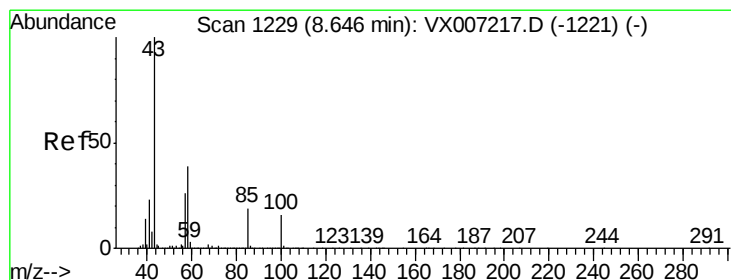
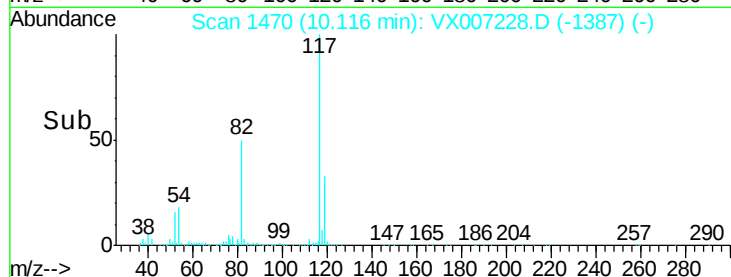
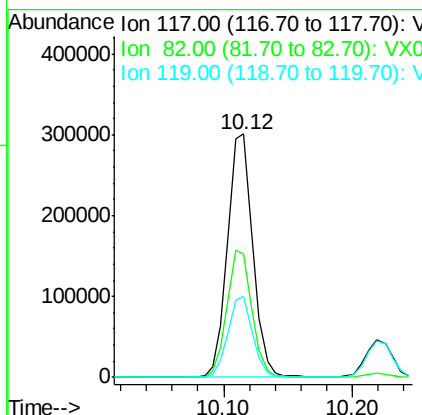
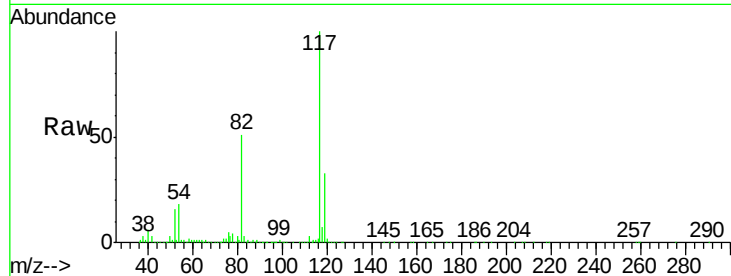
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.4	62.0
119	32.7	25.7	38.5

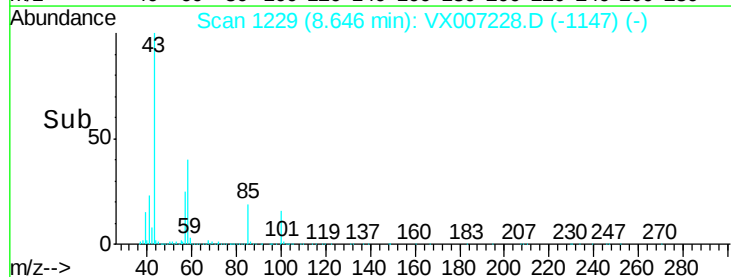
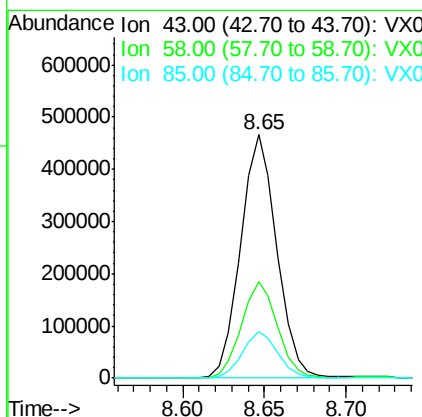
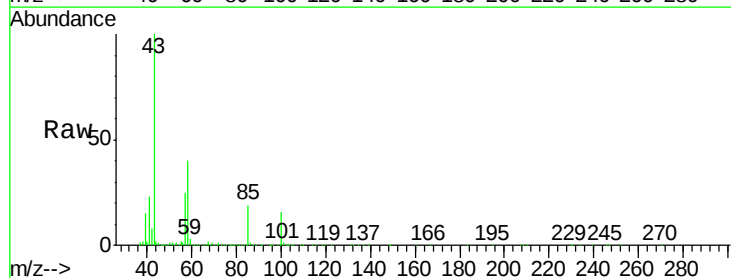
Manual Integrations
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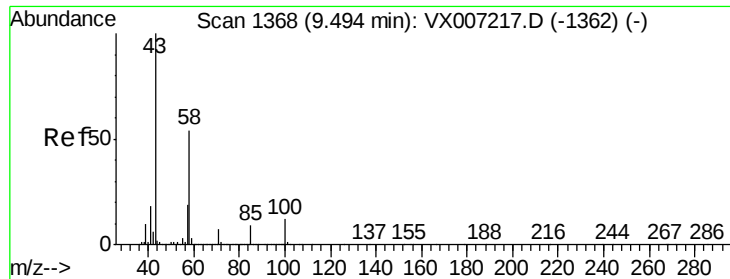
MMDadoda
1/28/2019 12:05:35 PM



#58
4-Methyl-2-Pentanone
Concen: 102.521 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4
85	18.9	14.9	22.3





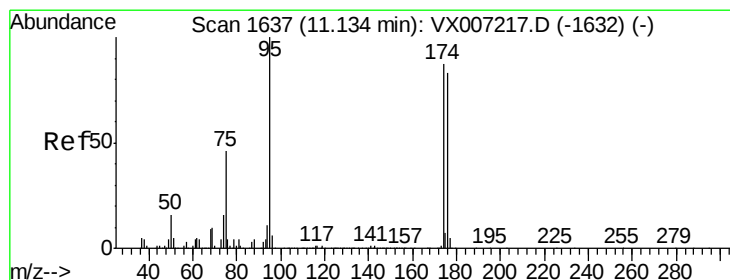
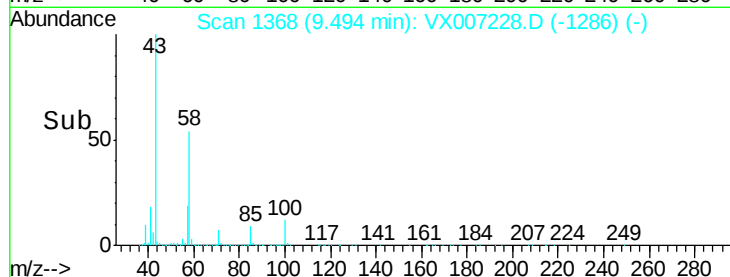
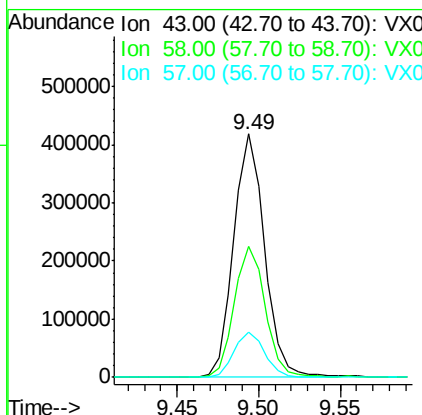
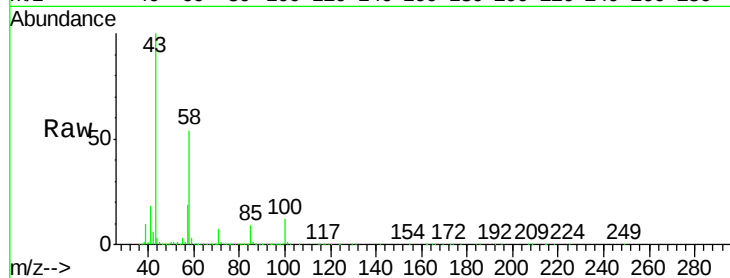
#59
2-Hexanone
Concen: 101.422 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.8	64.2
57	18.7	14.8	22.2

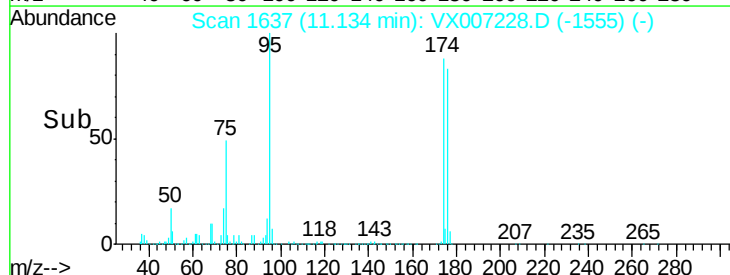
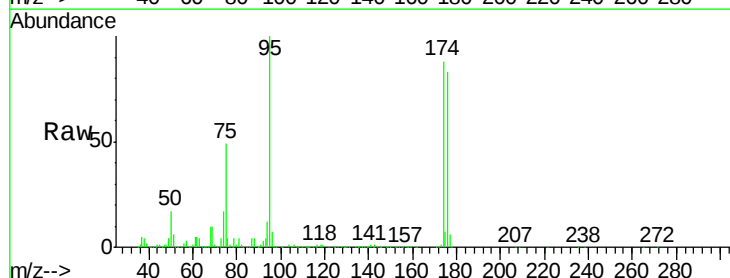
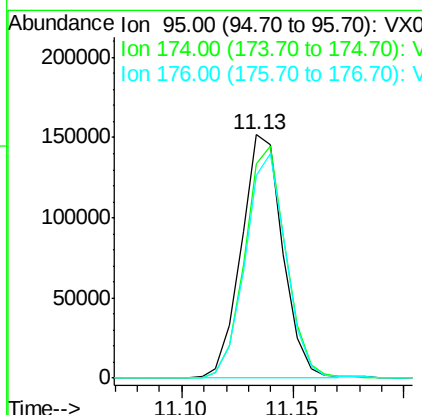
Manual Integrations
APPROVED

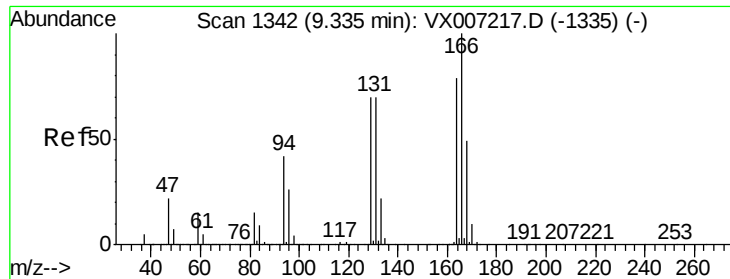
MMDadoda
1/28/2019 12:05:35 PM



#60
4-Bromofluorobenzene
Concen: 30.421 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.2	74.8	112.2
176	90.1	72.5	108.7





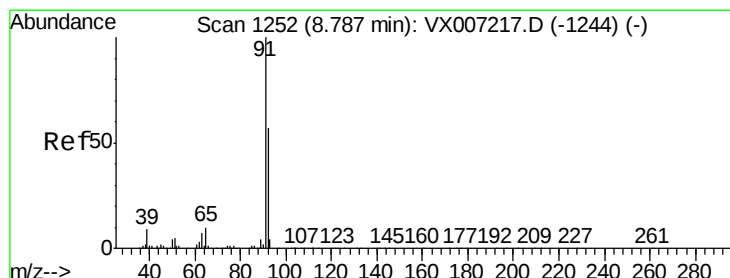
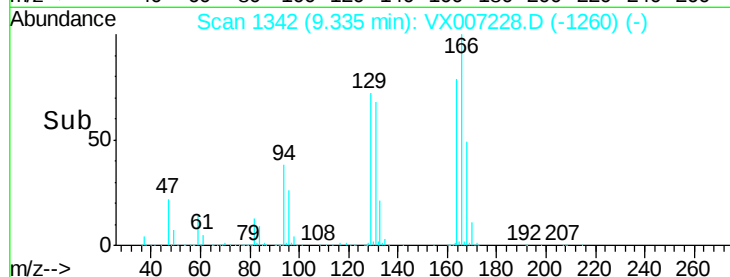
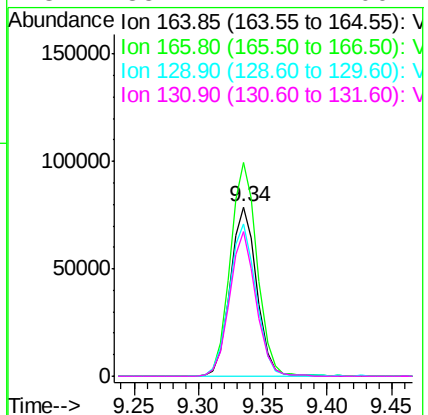
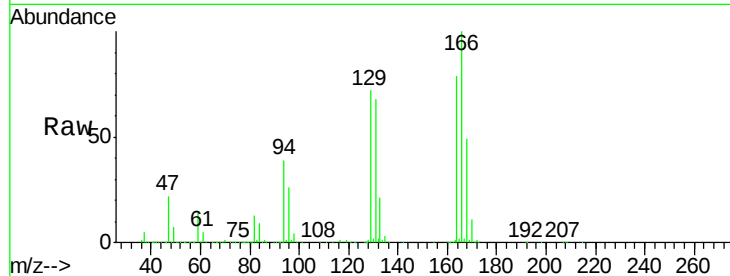
#61
Tetrachloroethene
Concen: 19.405 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.6	152.4
129	90.4	70.6	106.0
131	85.7	71.1	106.7

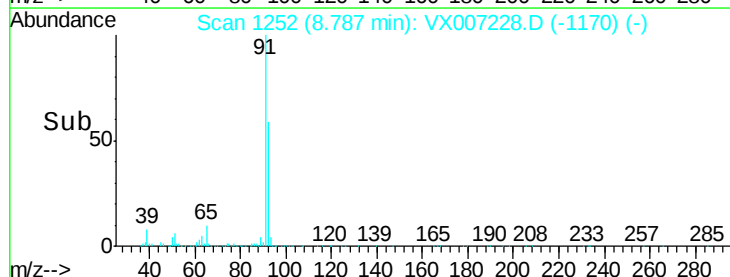
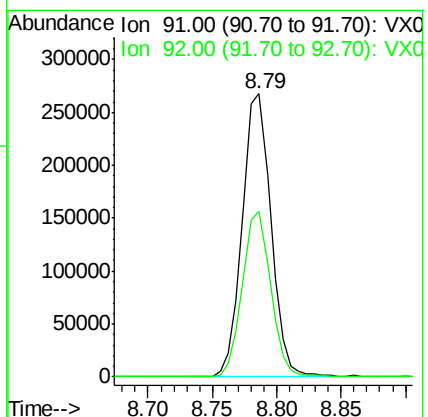
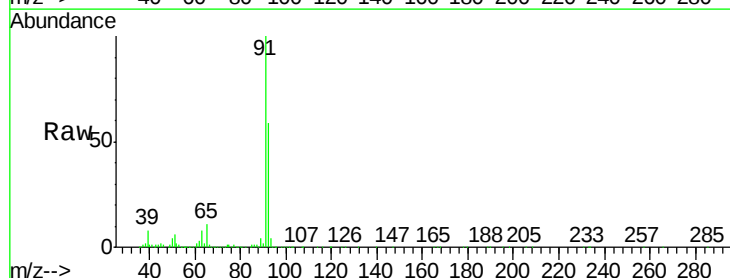
Manual Integrations
APPROVED

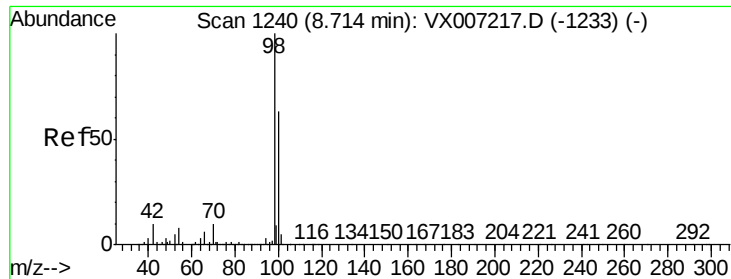
MMDadoda
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#62
Toluene
Concen: 19.602 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.0	69.0





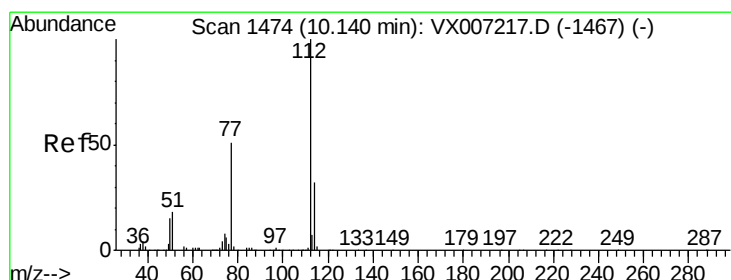
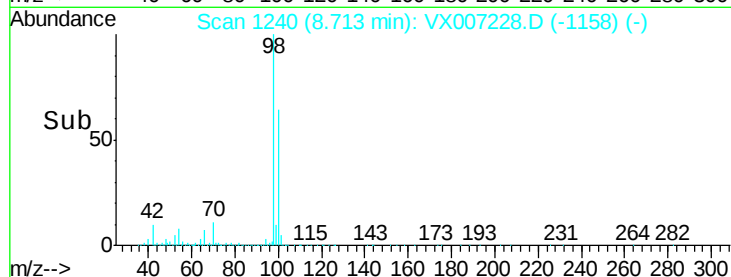
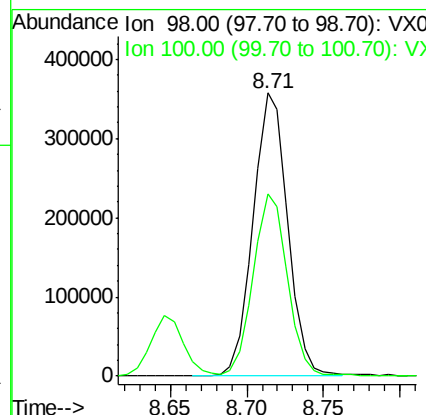
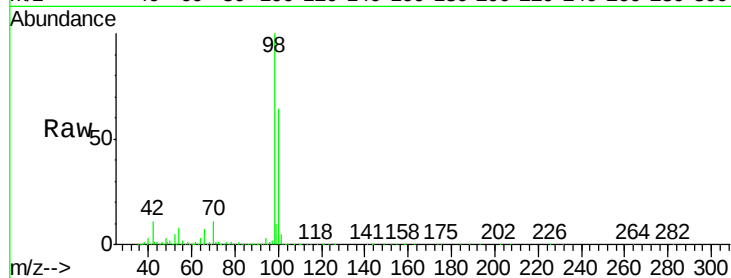
#63
Toluene-d8
Concen: 29.784 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 563553
Ion Ratio Lower Upper
98 100
100 63.8 49.9 74.9

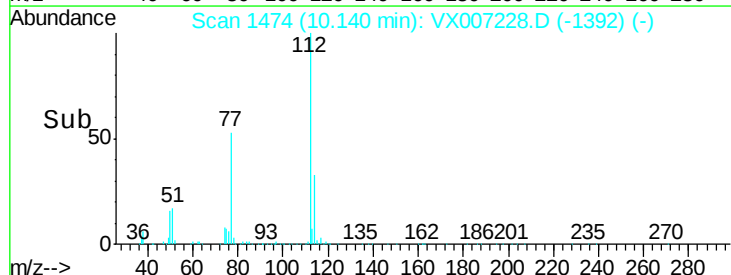
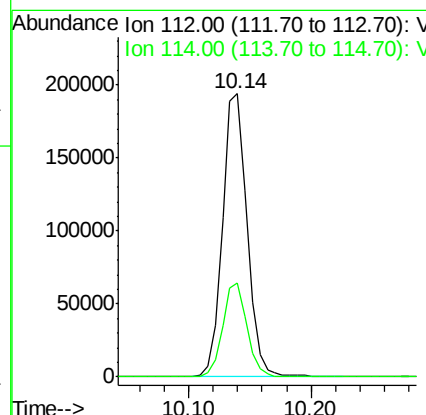
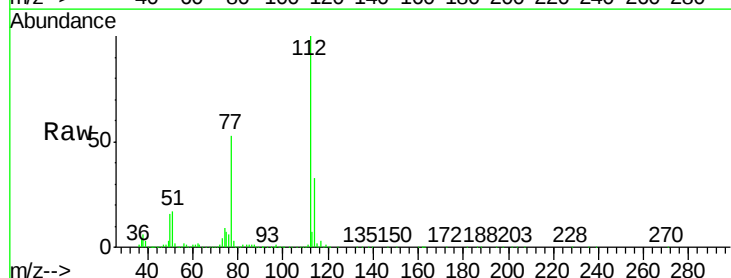
Manual Integrations
APPROVED

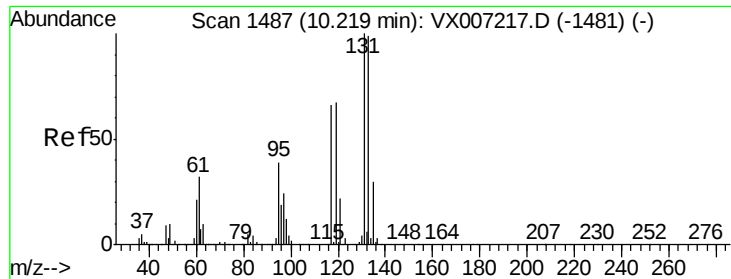
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#64
Chlorobenzene
Concen: 19.526 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion: 112 Resp: 272175
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.945 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

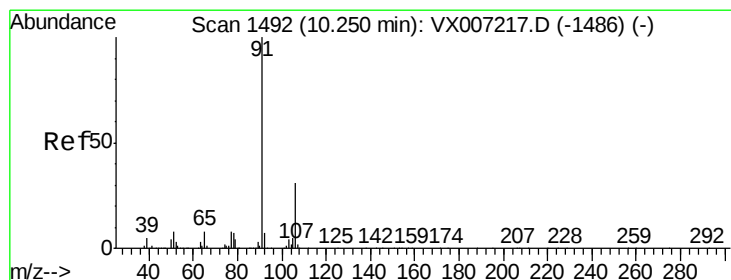
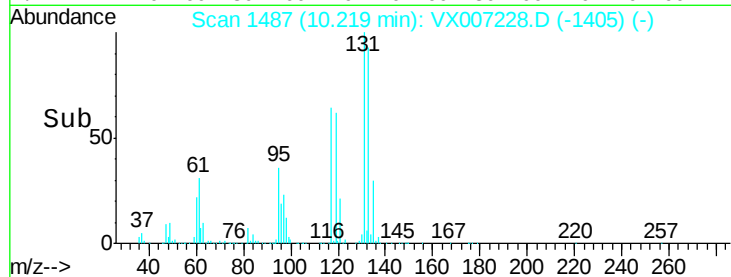
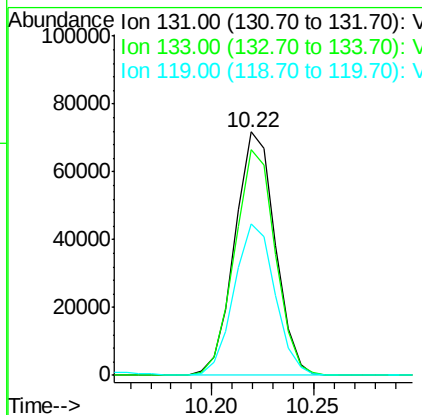
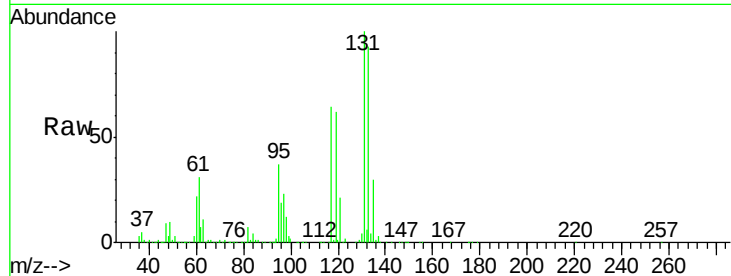
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	98474
Ion Ratio	Lower	Upper	
131	100		
133	93.4	0.0	196.4
119	62.5	0.0	134.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.442 ug/l

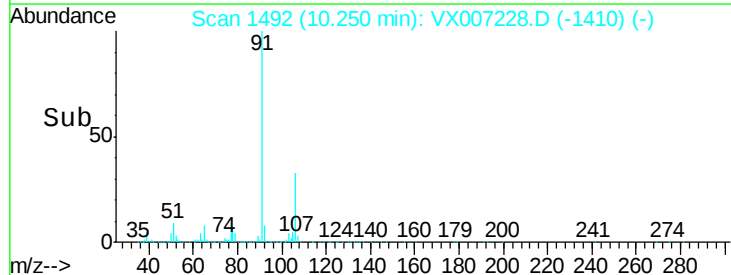
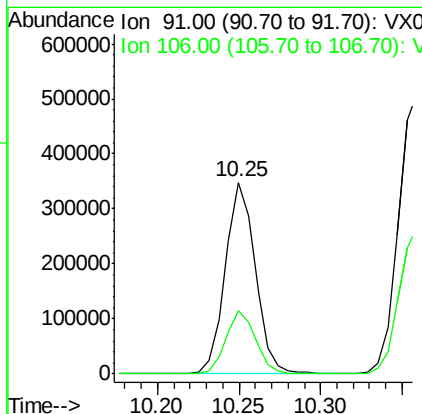
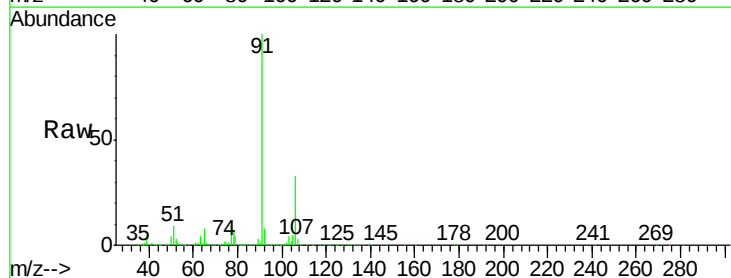
RT: 10.25 min Scan# 1492

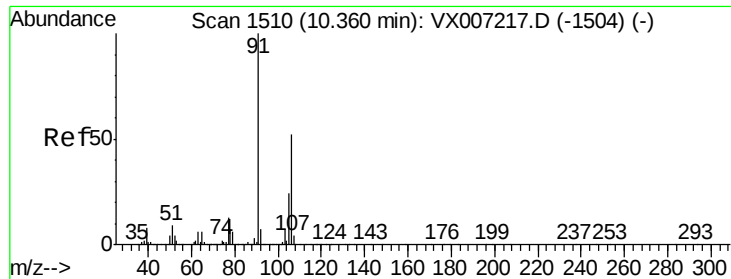
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	91	Resp:	445085
Ion Ratio	Lower	Upper	
91	100		
106	32.9	25.1	37.7





#67

m/p-Xylenes

Concen: 39.501 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 357125

Ion Ratio Lower Upper

106 100

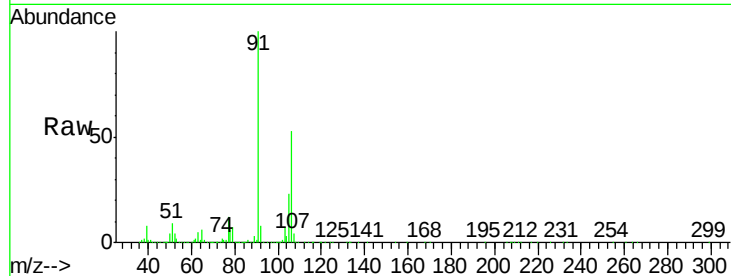
91 192.4 157.6 236.4

Manual Integrations

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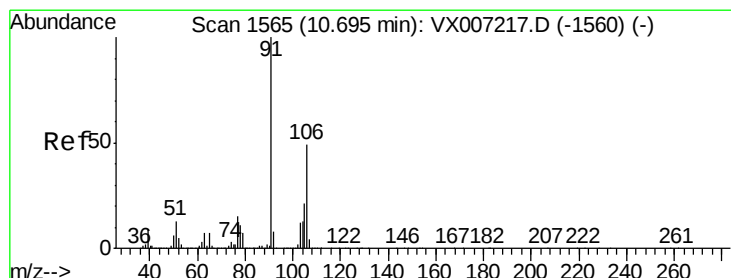
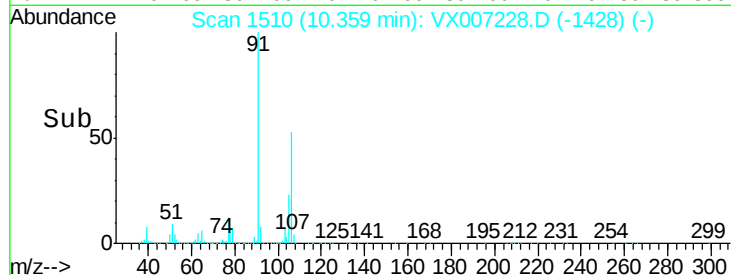
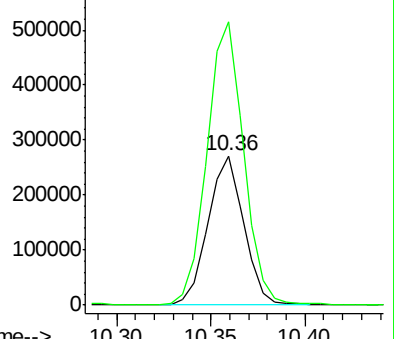
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.977 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007228.D

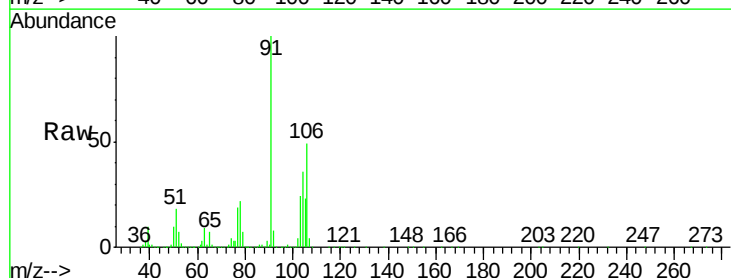
Acq: 25 Jan 2019 14:32

Tgt Ion:106 Resp: 168074

Ion Ratio Lower Upper

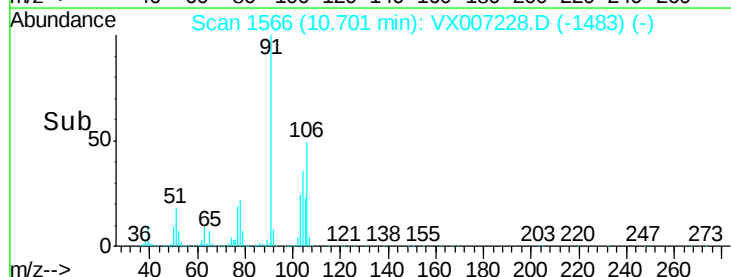
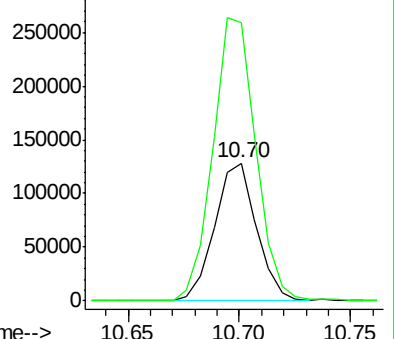
106 100

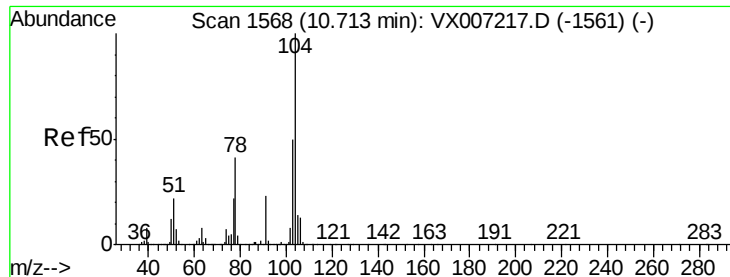
91 210.6 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





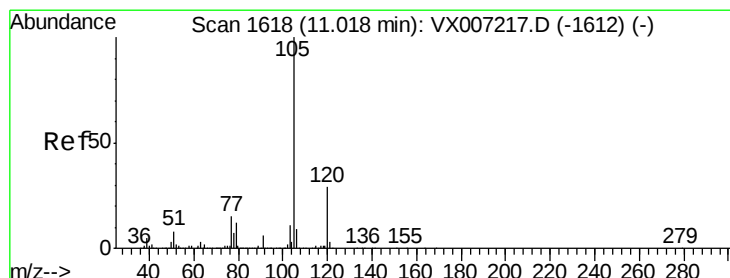
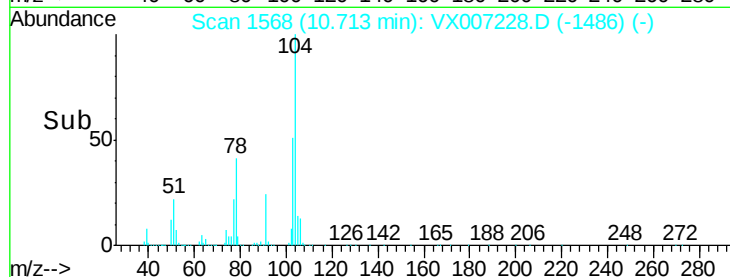
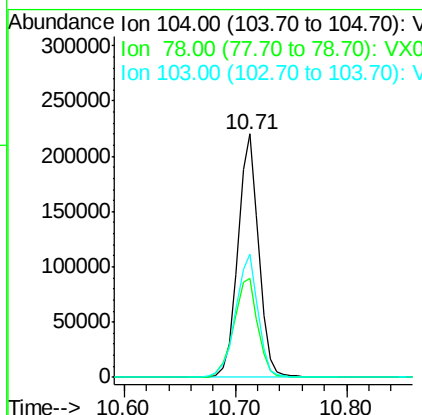
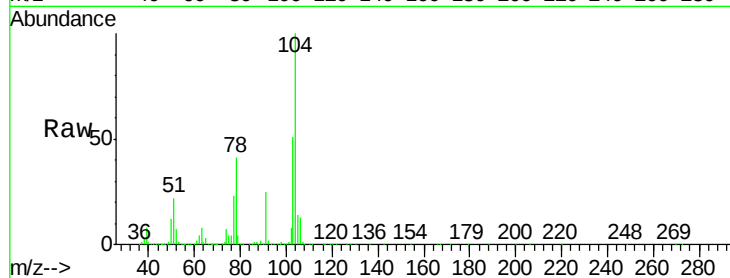
#69
Stvrene
Concen: 19.793 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	37.8	56.8
103	54.7	45.3	67.9

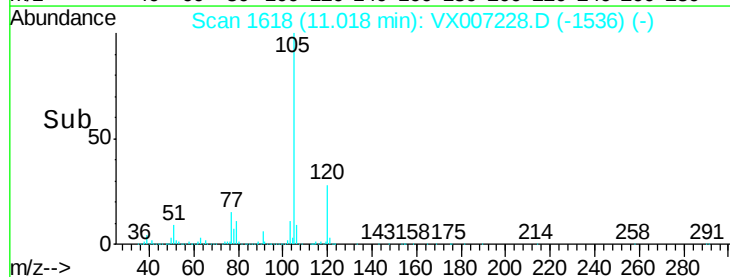
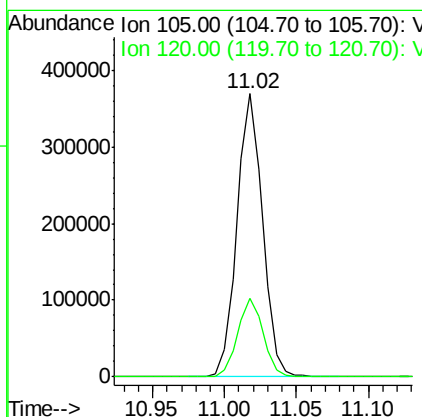
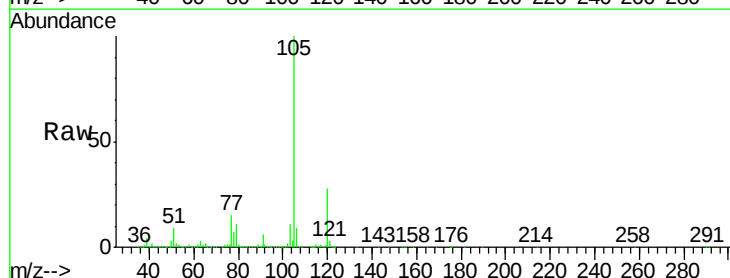
Manual Integrations
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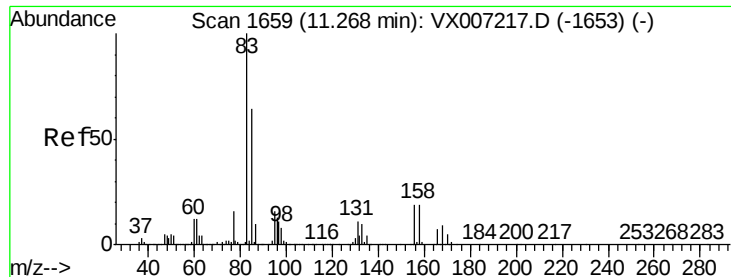
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#70
Isopropylbenzene
Concen: 19.567 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.9	36.9





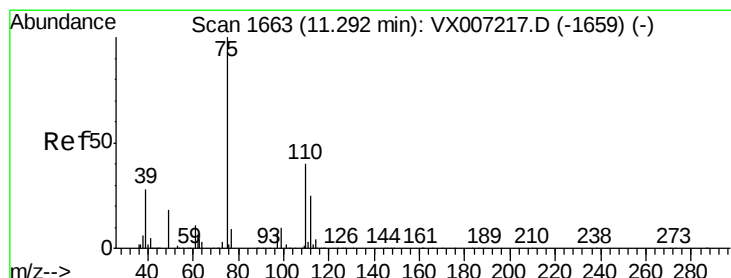
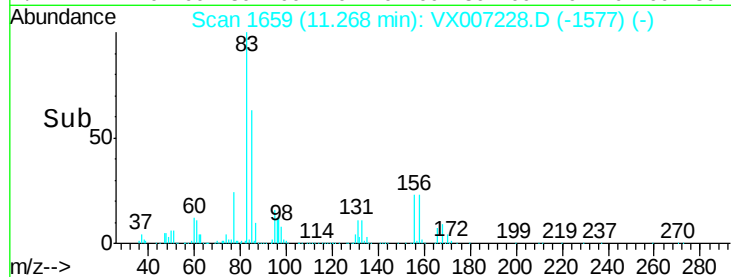
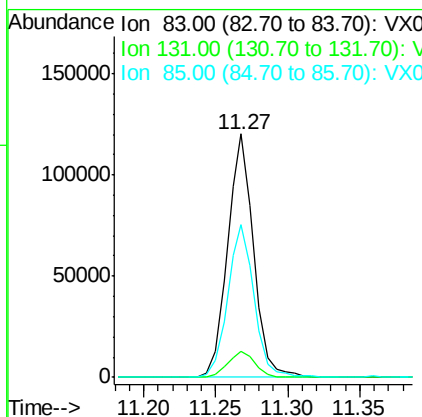
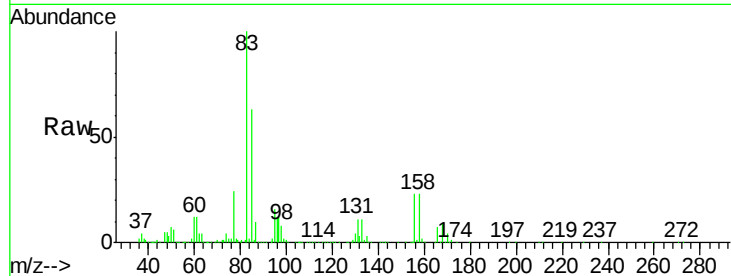
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.274 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.3	15.9
85	63.5	31.8	95.3

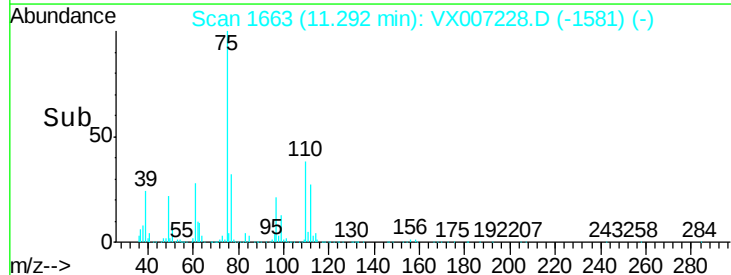
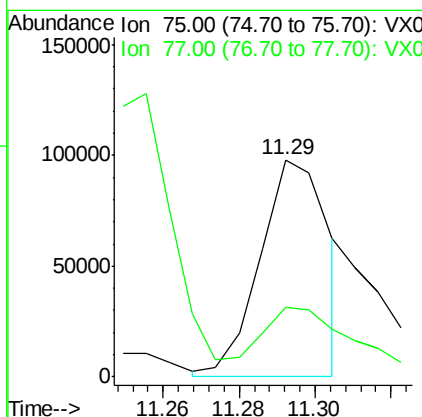
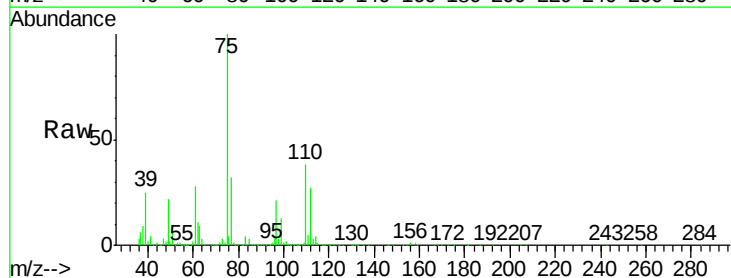
Manual Integrations
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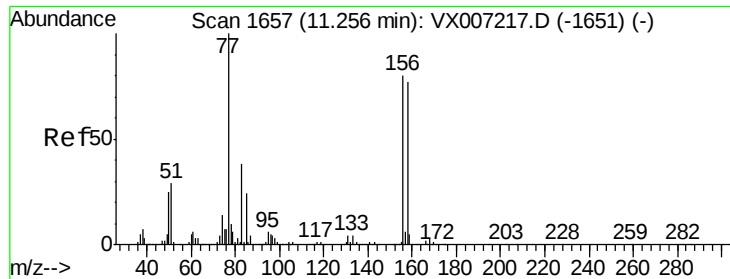
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#72
 1,2,3-Trichloropropane
 Concen: 17.395 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.1	0.0	73.2





#73

Bromobenzene

Concen: 19.259 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

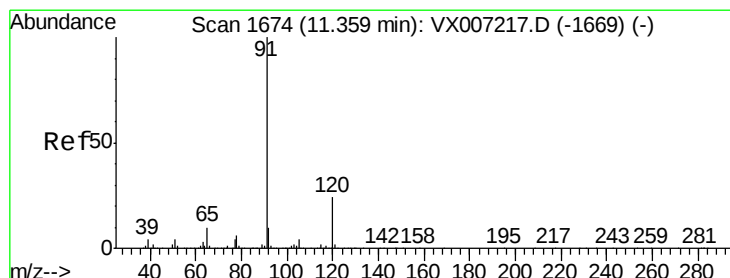
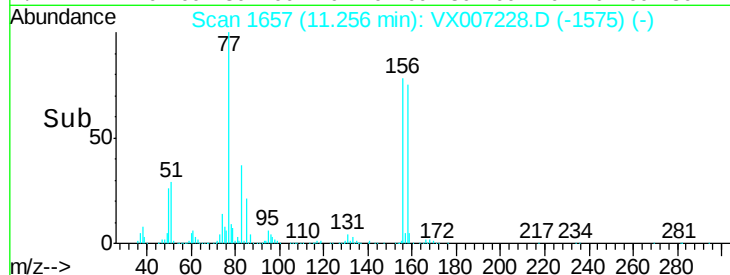
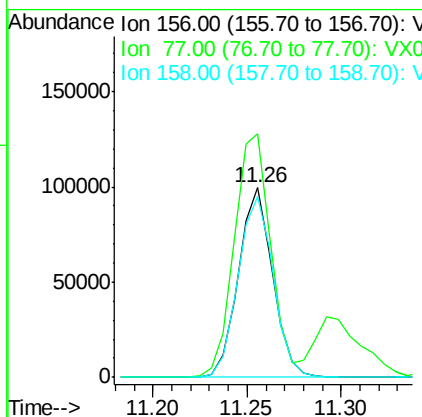
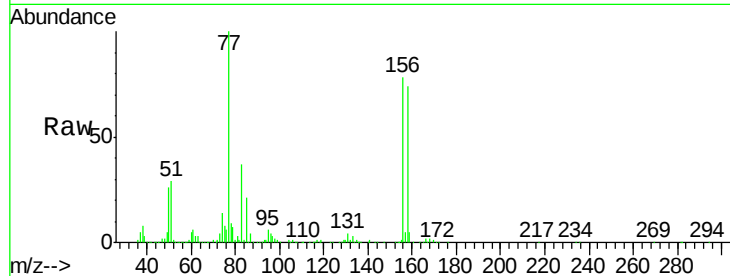
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	124983
Ion Ratio	Lower	Upper	
156	100		
77	135.6	0.0	267.0
158	98.7	0.0	194.6

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#74

n-propylbenzene

Concen: 19.226 ug/l

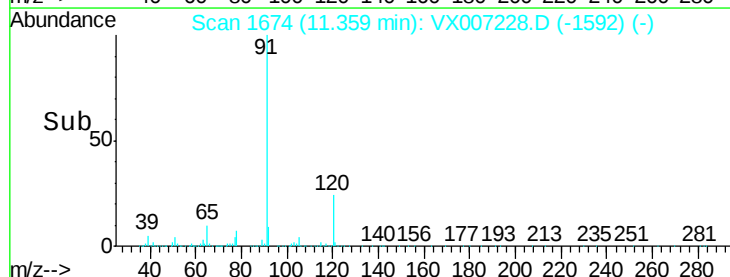
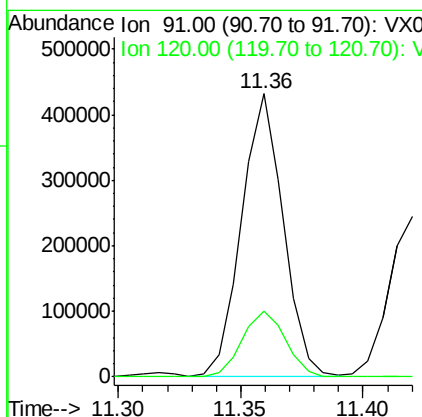
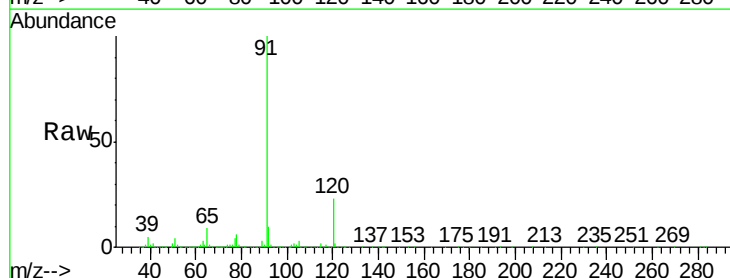
RT: 11.36 min Scan# 1674

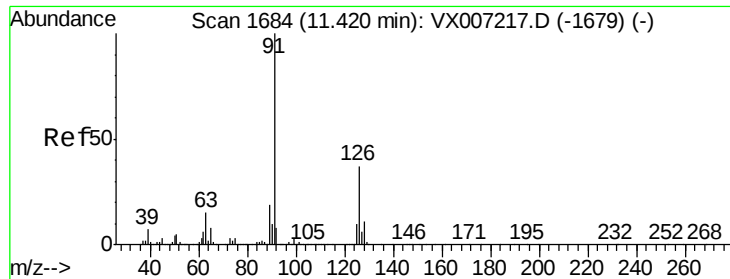
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	91	Resp:	507307
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	48.0





#75

2-Chlorotoluene

Concen: 19.231 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 300931

Ion Ratio Lower Upper

91 100

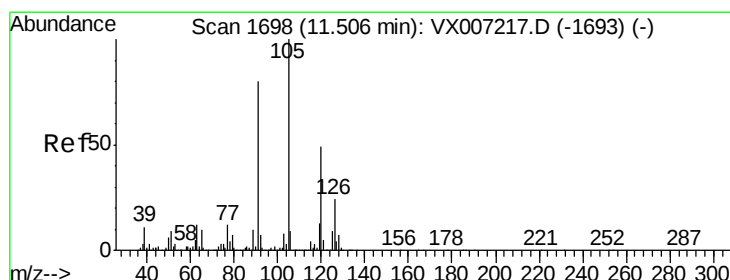
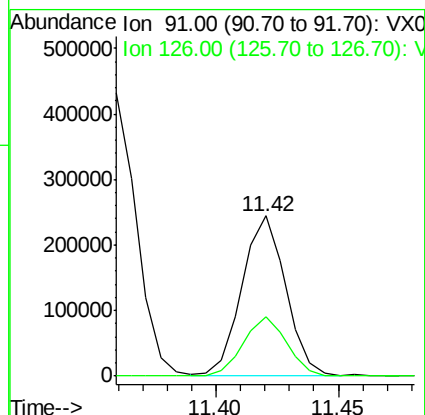
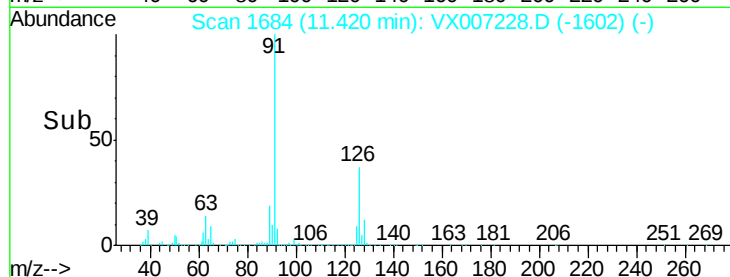
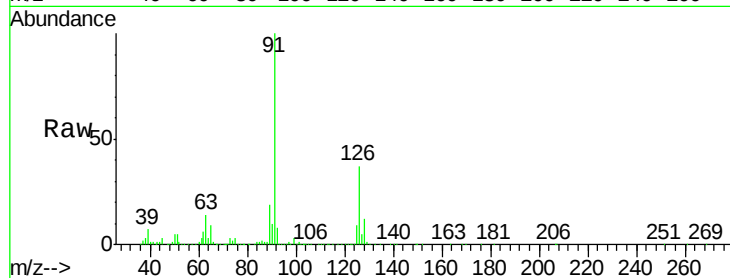
126 37.0 0.0 72.8

Manual Integrations

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1/28/2019 12:05:35 PM



#76

1,3,5-Trimethylbenzene

Concen: 19.371 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007228.D

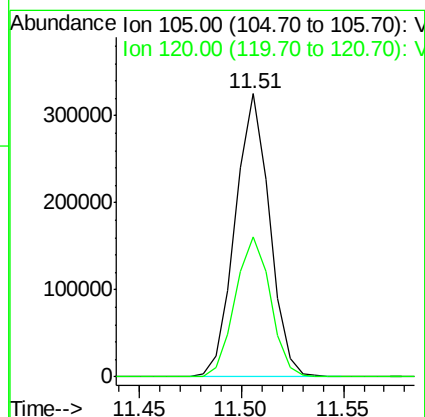
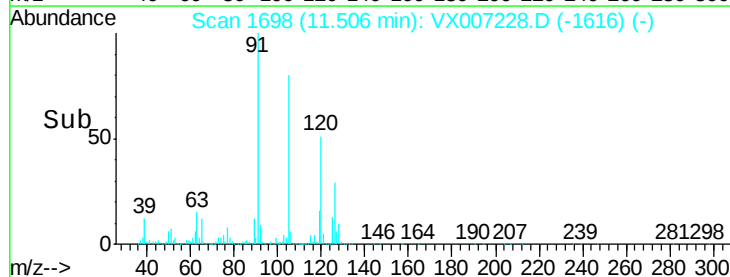
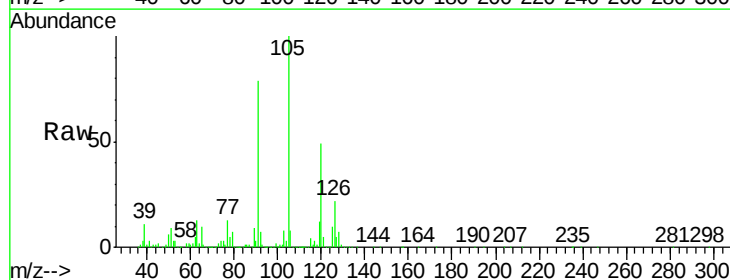
Acq: 25 Jan 2019 14:32

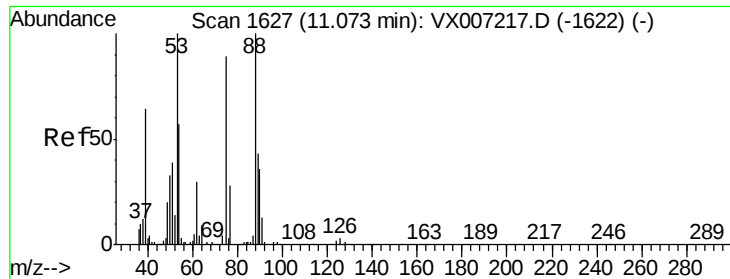
Tgt Ion: 105 Resp: 379078

Ion Ratio Lower Upper

105 100

120 50.6 0.0 99.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.229 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 35330

Ion Ratio Lower Upper

75 100

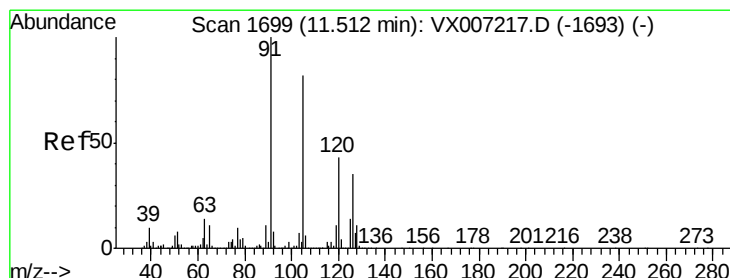
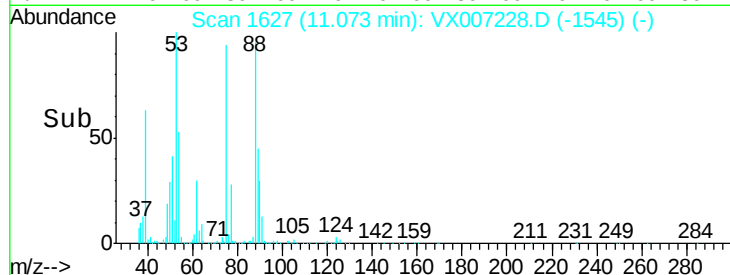
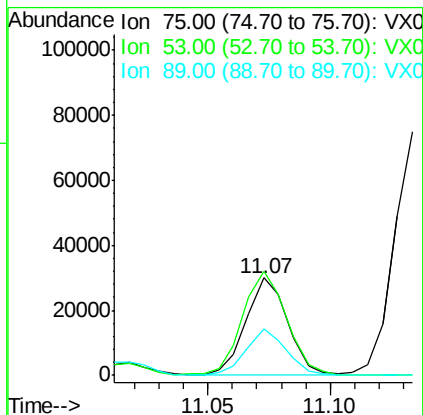
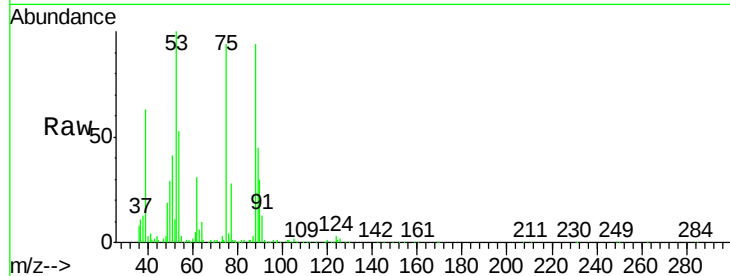
53 106.4 55.9 167.6

89 47.8 24.1 72.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.183 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007228.D

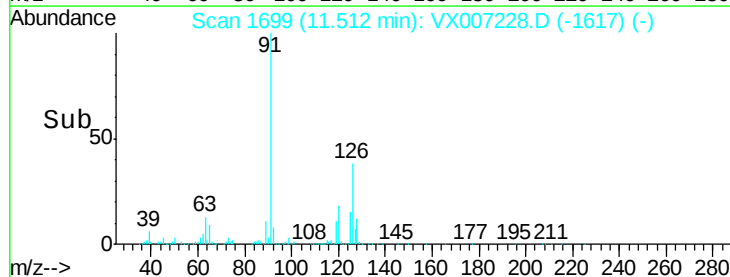
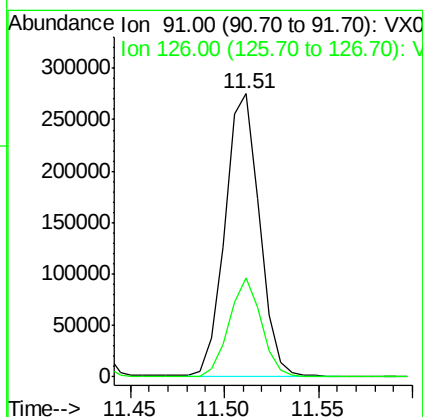
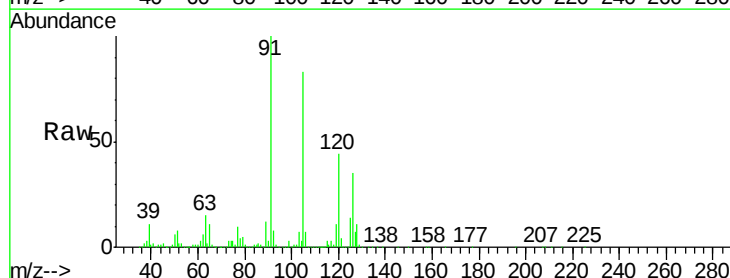
Acq: 25 Jan 2019 14:32

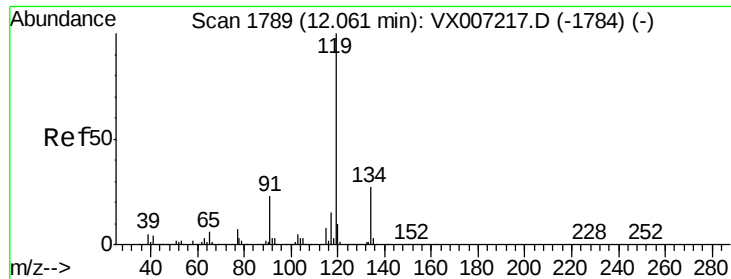
Tgt Ion: 91 Resp: 349511

Ion Ratio Lower Upper

91 100

126 32.4 0.0 63.8





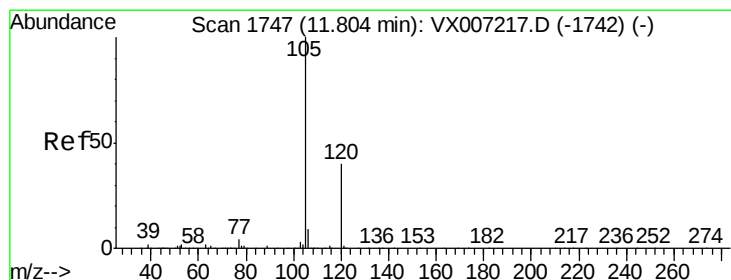
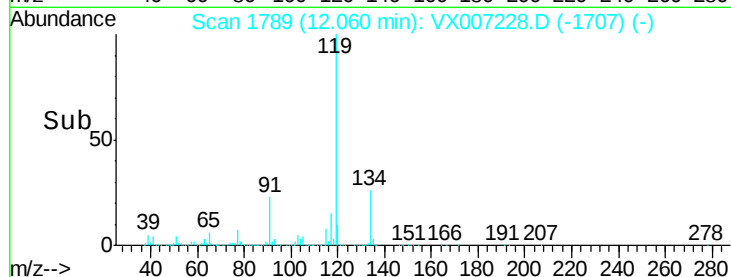
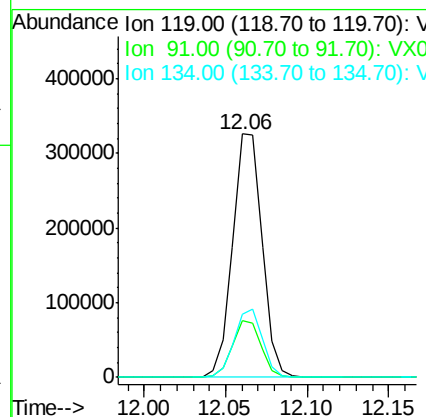
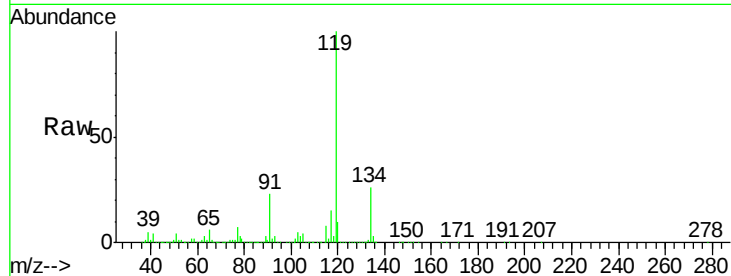
#79
tert-butylbenzene
Concen: 19.269 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	407971		
91	22.6	0.0	45.0	
134	27.0	0.0	55.8	

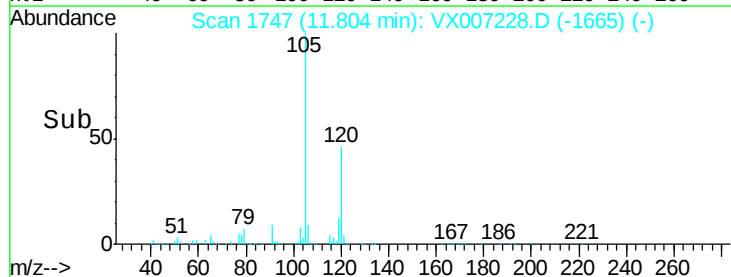
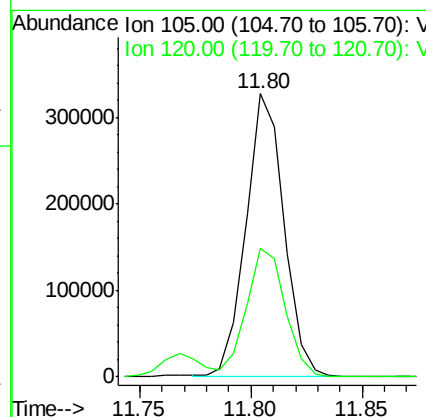
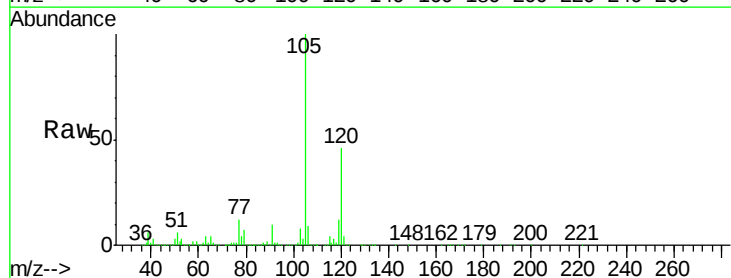
Manual Integrations
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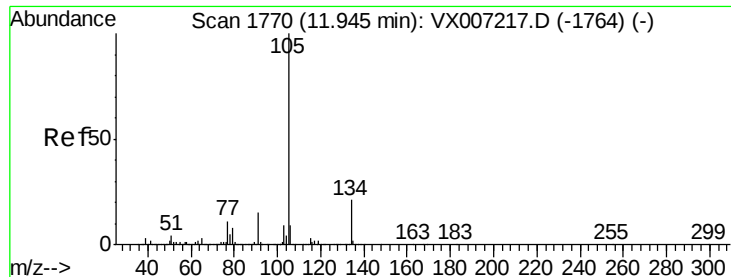
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.602 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	388397		
120	45.8	0.0	94.4	





#81

sec-Butylbenzene

Concen: 19.430 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 458463

Ion Ratio Lower Upper

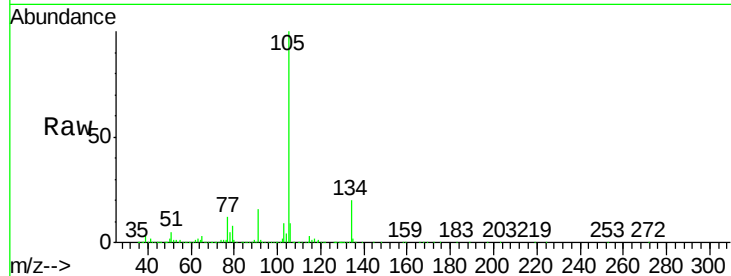
105 100

134 20.9 0.0 42.2

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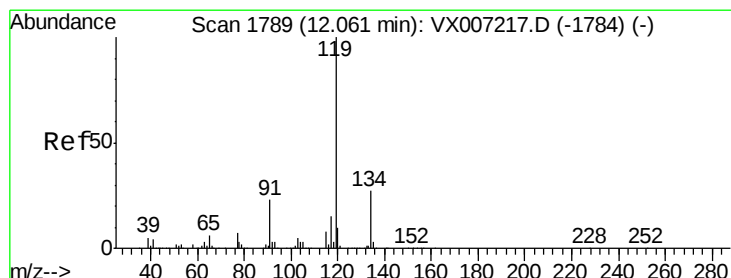
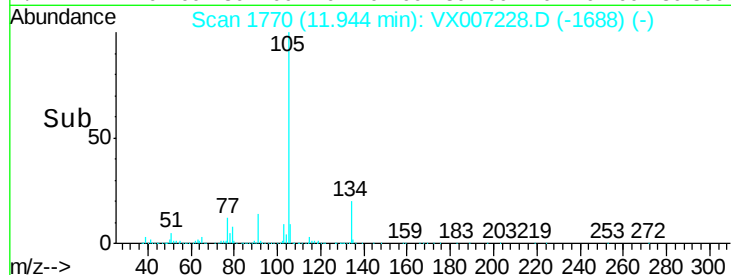
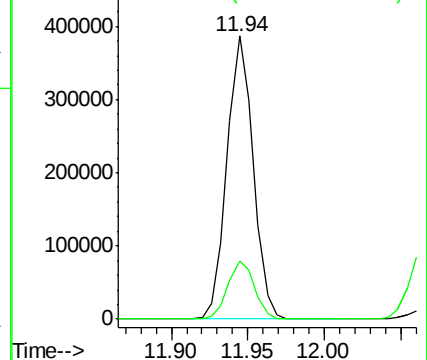
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.269 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

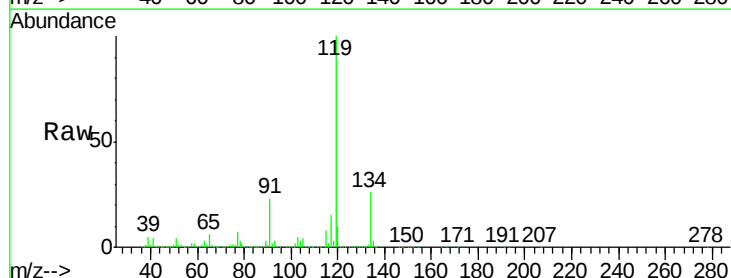
Tgt Ion:119 Resp: 407971

Ion Ratio Lower Upper

119 100

134 27.0 0.0 55.8

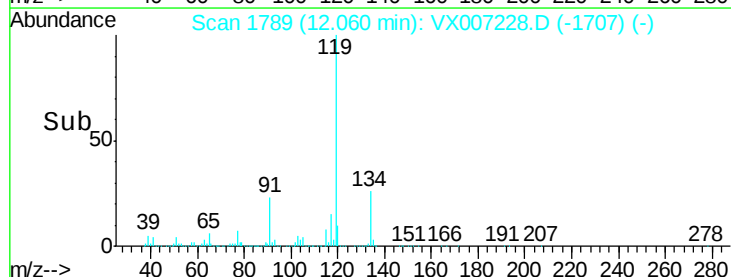
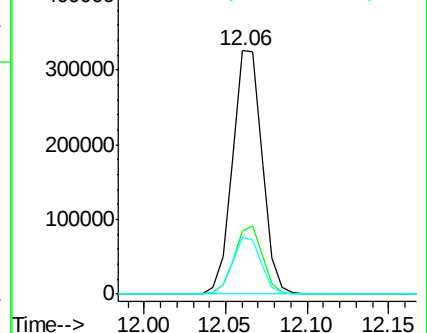
91 22.6 0.0 45.0

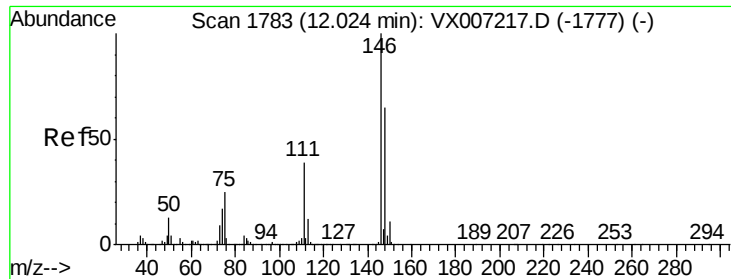


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





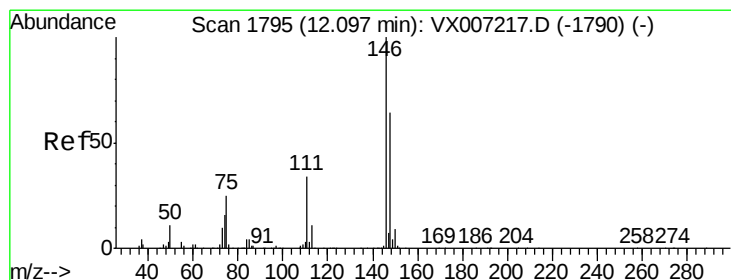
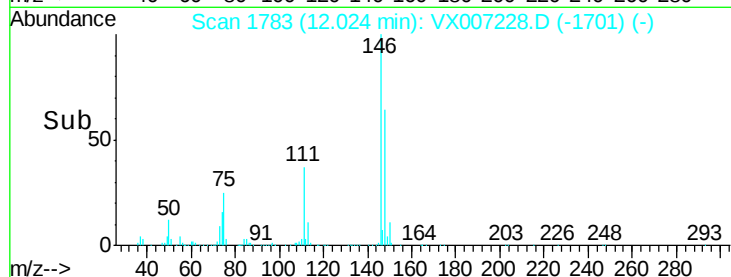
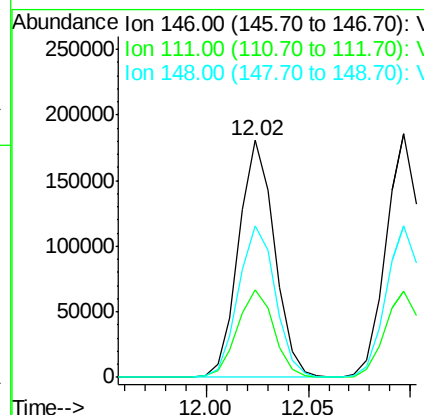
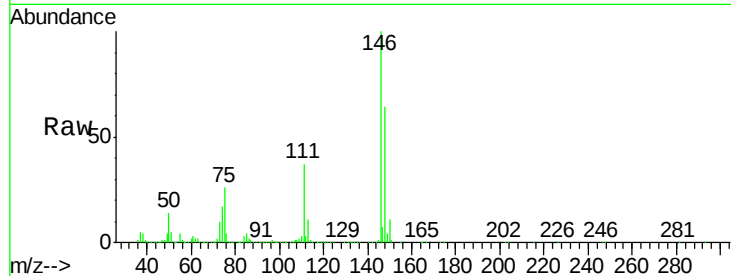
#83
 1,3-Dichlorobenzene
 Concen: 19.078 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	66.1	31.6	94.7

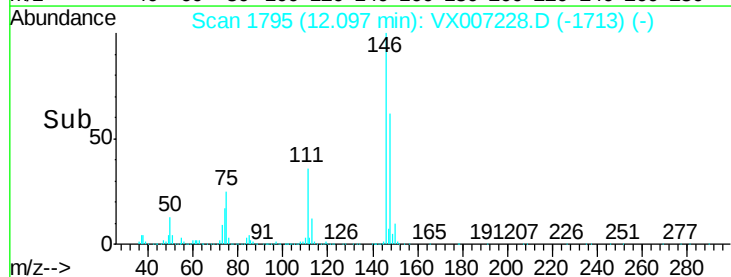
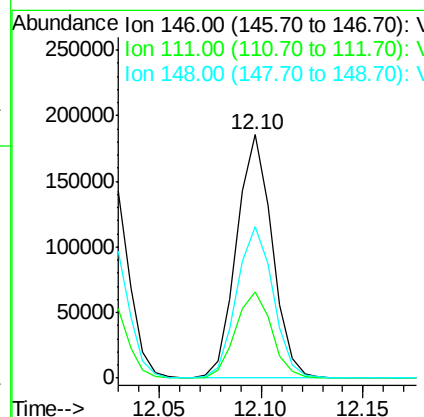
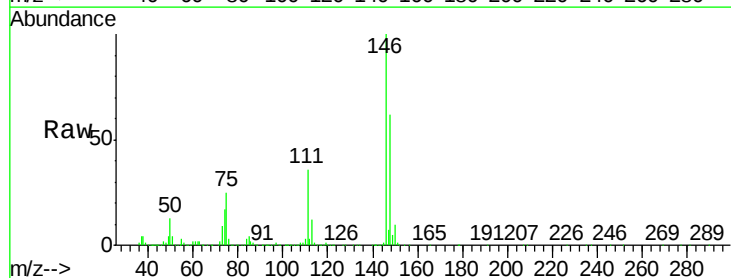
Manual Integrations
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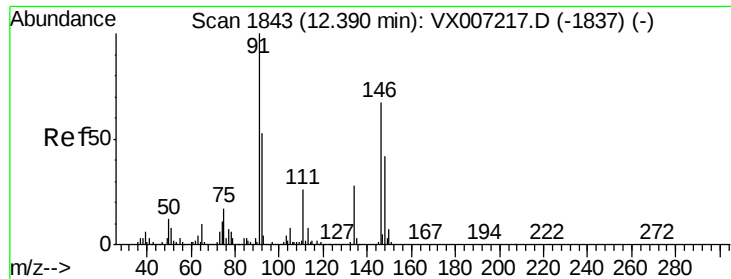
MMDadoda
 1/28/2019 12:05:35 PM



#84
 1,4-Dichlorobenzene
 Concen: 19.335 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007228.D
 Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.4	52.2
148	64.3	31.9	95.5





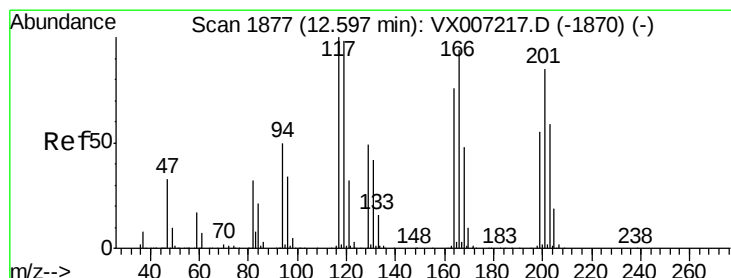
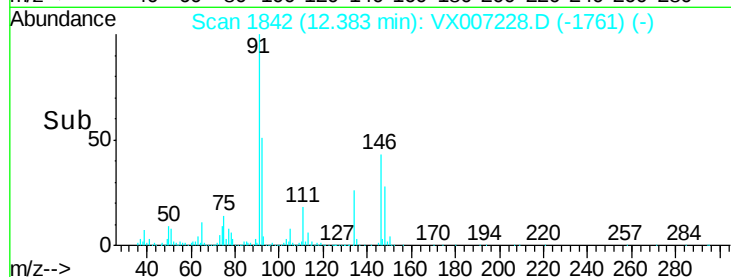
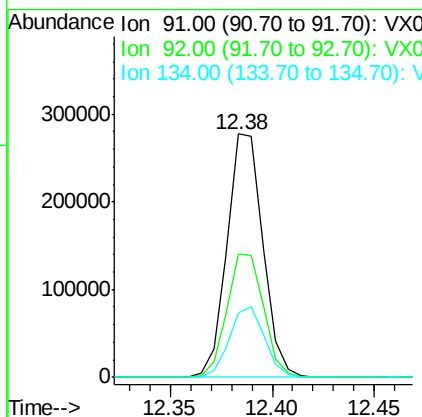
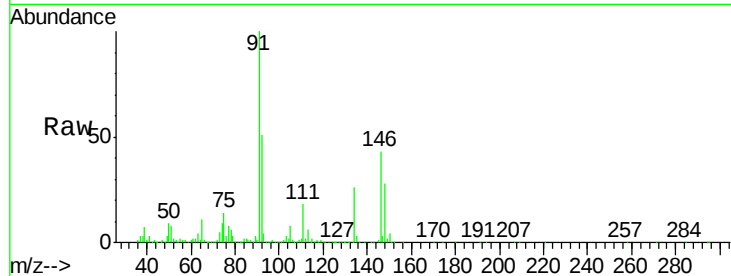
#85
n-Butylbenzene
Concen: 18.527 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	336649		
92	52.0		0.0	106.2
134	28.2		0.0	55.4

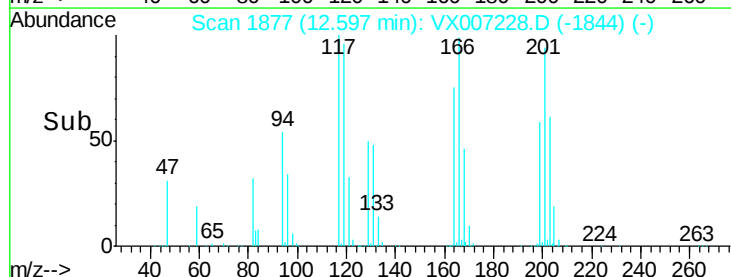
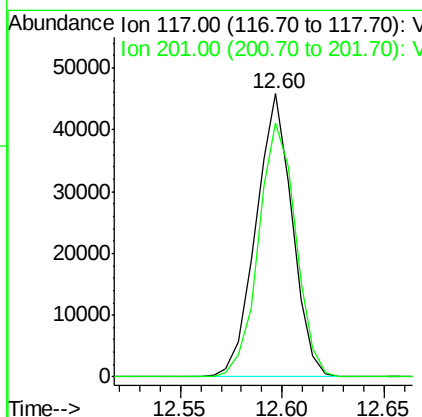
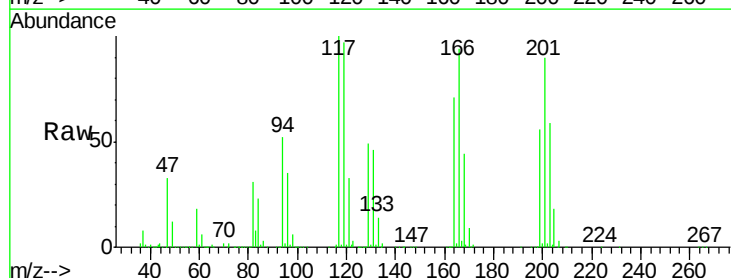
Manual Integrations
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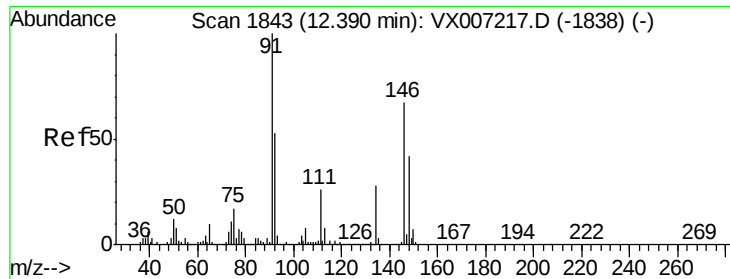
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#86
Hexachloroethane
Concen: 17.397 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	56952		
201	91.6		41.6	124.8





#87

1,2-Dichlorobenzene

Concen: 19.613 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

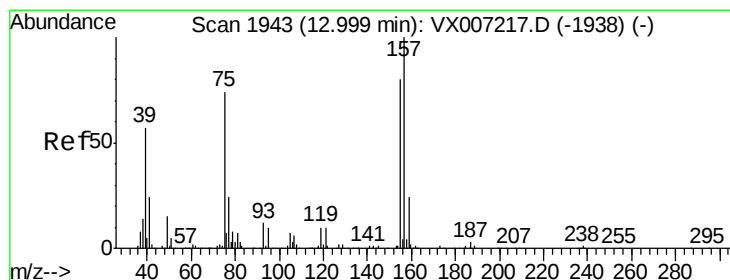
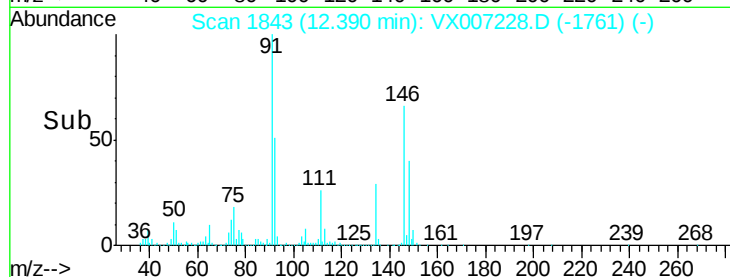
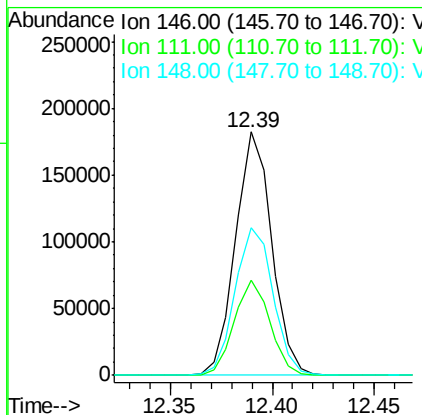
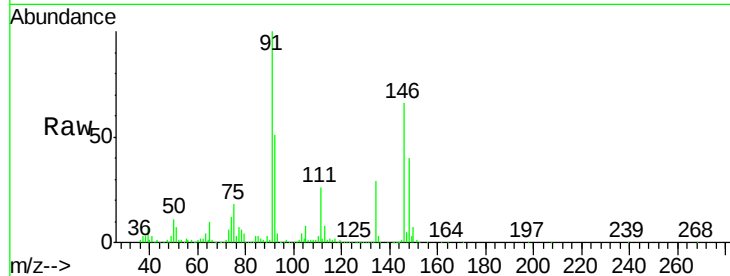
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	225291
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.3	57.9
148	63.6	32.0	96.0

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.773 ug/l

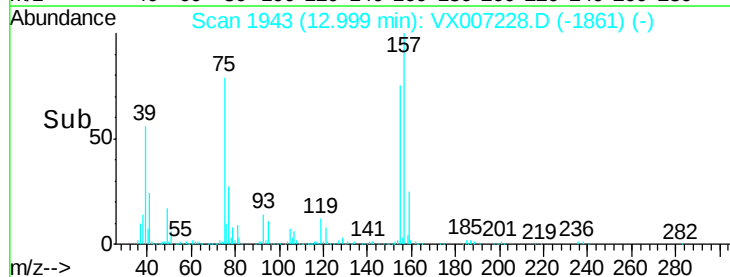
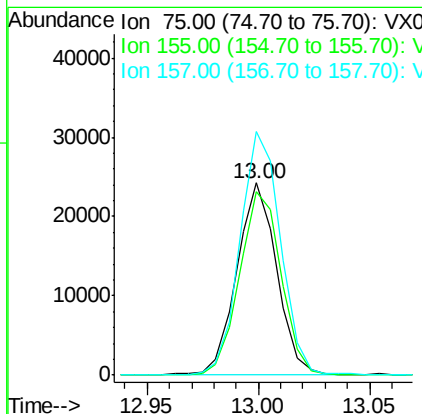
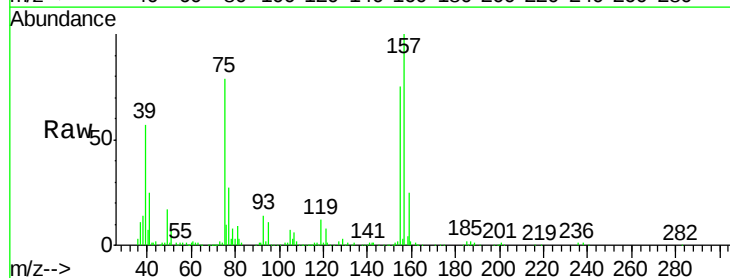
RT: 13.00 min Scan# 1943

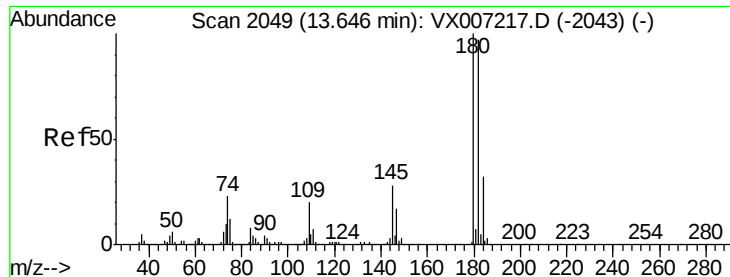
Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	75	Resp:	30254
Ion Ratio	Lower	Upper	
75	100		
155	99.8	82.8	124.2
157	128.3	106.9	160.3





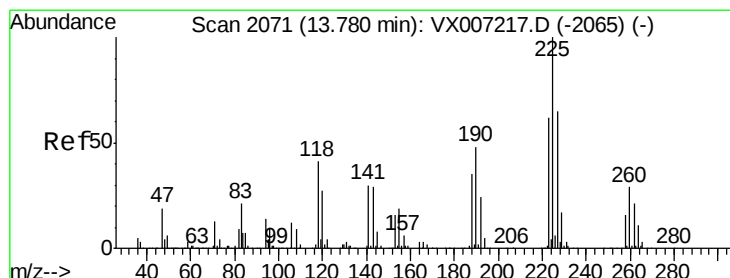
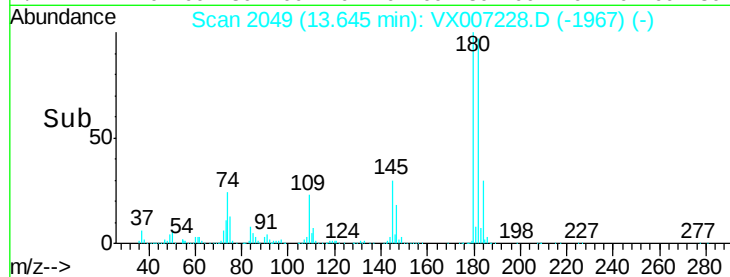
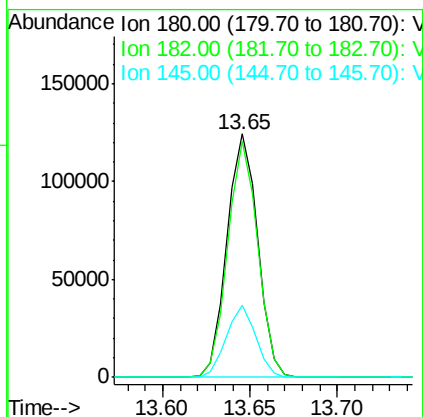
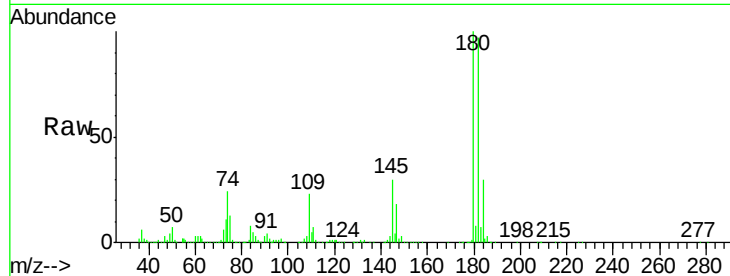
#89
1,2,4-Trichlorobenzene
Concen: 19.357 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.7	115.1
145	28.5	23.1	34.7

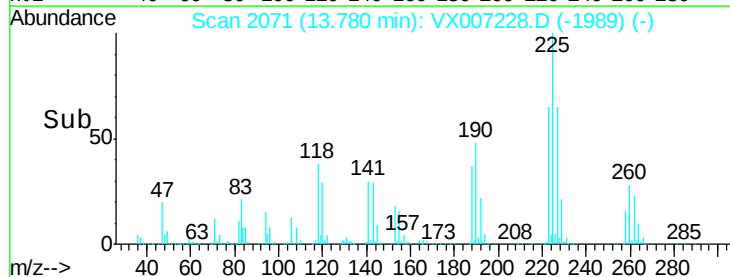
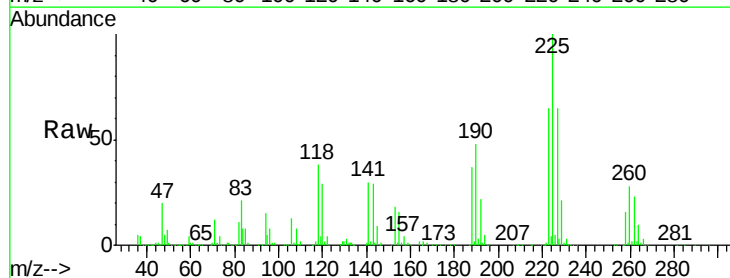
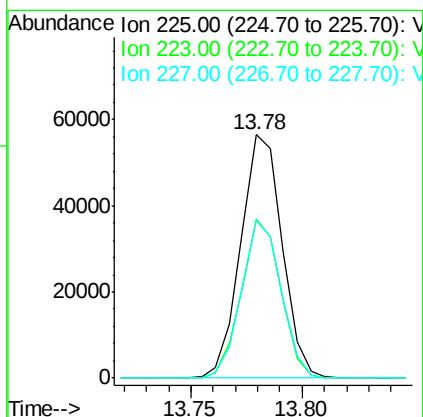
Manual Integrations
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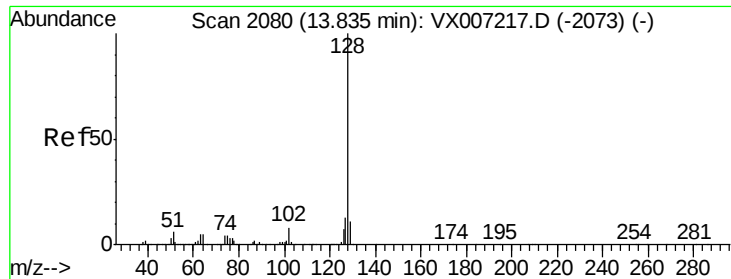
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#90
Hexachlorobutadiene
Concen: 19.485 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007228.D
Acq: 25 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	124.6
227	62.4	0.0	128.2





#91

Naphthalene

Concen: 19.808 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Instrument :

MSVOA_X

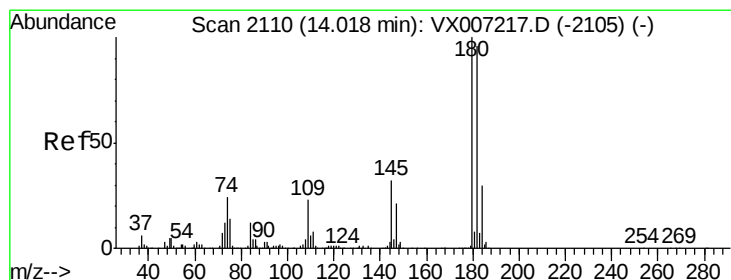
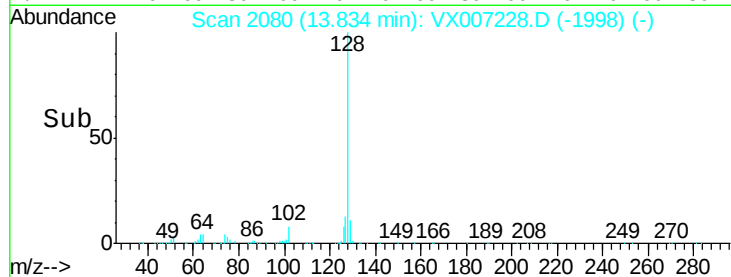
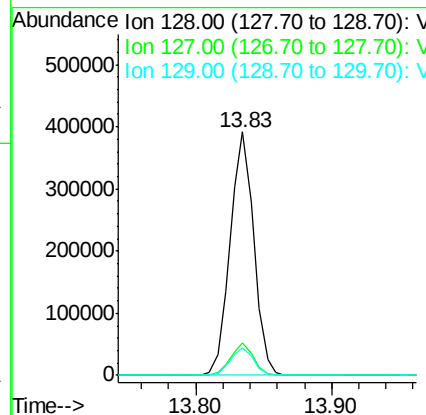
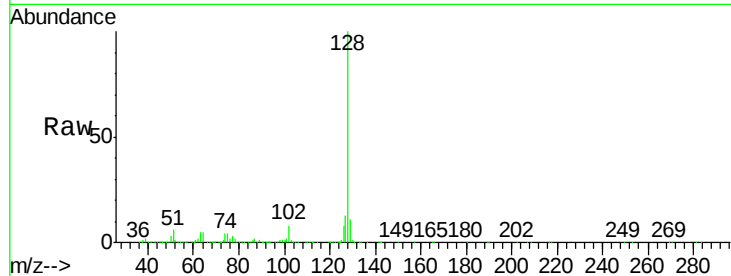
ClientSampled :

VSTDCCC020EC

Tot Ion:	128	Resp:	472835
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.544 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX007228.D

Acq: 25 Jan 2019 14:32

Tgt Ion:	180	Resp:	152820
Ion Ratio	Lower	Upper	
180	100		
182	96.3	0.0	187.6
145	30.6	0.0	62.0

