

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007227.D
 Acq On : 25 Jan 2019 14:06
 Operator : JC/SP
 Sample : VX0125WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0125WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:05:31 PM

Quant Time: Jan 28 11:03:40 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	83766	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	455011	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	415369	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	162944	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.13	95	194502	30.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.13%
63) Toluene-d8	8.71	98	552872	29.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	69776	18.557	ug/l 97
3) Chloromethane	1.33	50	85856	20.424	ug/l 97
4) Vinyl Chloride	1.41	62	92434	19.377	ug/l 97
5) Bromomethane	1.64	94	94182	18.942	ug/l 99
6) Chloroethane	1.72	64	60585	18.846	ug/l 96
7) Trichlorofluoromethane	1.93	101	152065	18.882	ug/l 97
8) Diethyl Ether	2.19	74	58770	19.305	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90330	18.990	ug/l 99
10) 1,1-Dichloroethene	2.37	96	82961	19.189	ug/l 99
11) Methyl Iodide	2.51	142	112015	15.970	ug/l 96
12) Methyl Acetate	2.78	43	140701	19.110	ug/l 98
13) Acrolein	2.30	56	48797	91.545	ug/l 98
14) Acrylonitrile	3.15	53	268491	97.400	ug/l 99
15) Acetone	2.45	58	74467	95.041	ug/l 94
16) Carbon Disulfide	2.57	76	185463	17.791	ug/l 97
17) Allyl chloride	2.73	41	143205	19.051	ug/l 95
18) Methylene Chloride	2.86	84	98812	19.830	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	90376	19.305	ug/l 96
20) Diisopropyl ether	3.87	45	272865	19.498	ug/l 93
21) 1,1-Dichloroethane	3.70	63	149349	18.686	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	98146	19.064	ug/l 98
23) tert-Butyl Alcohol	3.07	59	115912	100.059	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	295537	19.516	ug/l 98
25) Chloroform	5.21	83	160532	19.433	ug/l 99
26) Cyclohexane	5.57	56	128415	19.076	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	114861	19.365	ug/l 99
30) 2-Butanone	4.70	43	347086	97.931	ug/l # 98
31) 2,2-Dichloropropane	4.59	77	104621	17.458	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	130726	18.648	ug/l 99
33) Carbon Tetrachloride	5.78	117	113763	18.462	ug/l 99
34) Benzene	6.14	78	360519	19.705	ug/l 99
35) Methacrylonitrile	5.06	41	70158	19.393	ug/l 96
36) 1,2-Dichloroethane	6.20	62	122133	19.345	ug/l 99
37) Trichloroethene	7.21	130	101544	18.823	ug/l 95
38) Methylcyclohexane	7.46	83	140454	18.684	ug/l 98
39) 1,2-Dichloropropane	7.52	63	89655	19.540	ug/l 98
40) Dibromomethane	7.66	93	63225	19.129	ug/l 97

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Quant Time: Jan 28 11:03:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	106876	18.425	ug/l	93
42) Vinyl Acetate	3.82	43	1126361	93.733	ug/l	100
43) Ethyl Acetate	4.85	43	127818	19.328	ug/l	99
44) Isopropyl Acetate	6.46	43	194207	18.802	ug/l	99
45) 1,4-Dioxane	7.75	88	47488	379.404	ug/l	97
46) Methyl methacrylate	7.77	41	102075	19.328	ug/l	100
47) n-amyl Acetate	10.90	43	172965	19.045	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	110492	17.465	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	128559	18.292	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	97283	19.611	ug/l	97
51) Ethyl methacrylate	9.18	69	138472	19.536	ug/l	94
52) 1,3-Dichloropropane	9.37	76	152433	19.190	ug/l	99
53) Dibromochloromethane	9.58	129	91024	18.155	ug/l	96
54) 1,2-Dibromoethane	9.67	107	103844	19.445	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	392960	100.777	ug/l	100
56) Bromoform	10.86	173	64795	17.020	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	687840	99.031	ug/l	99
59) 2-Hexanone	9.49	43	515473	95.904	ug/l	99
61) Tetrachloroethene	9.33	164	111688	19.291	ug/l	98
62) Toluene	8.79	91	400361	19.149	ug/l	100
64) Chlorobenzene	10.14	112	269280	19.524	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.22	131	92509	18.936	ug/l	97
66) Ethyl Benzene	10.25	91	437669	19.321	ug/l	96
67) m/p-Xylenes	10.36	106	346024	38.680	ug/l	99
68) o-Xylene	10.70	106	170447	19.450	ug/l	98
69) Styrene	10.71	104	273354	19.335	ug/l	99
70) Isopropylbenzene	11.02	105	444364	19.154	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	140138	18.866	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	114063m	16.333	ug/l	
73) Bromobenzene	11.26	156	122291	19.045	ug/l	98
74) n-propylbenzene	11.36	91	505278	19.352	ug/l	100
75) 2-Chlorotoluene	11.42	91	298809	19.298	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	368802	19.047	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32514	16.024	ug/l	92
78) 4-Chlorotoluene	11.51	91	339424	18.828	ug/l	99
79) tert-butylbenzene	12.06	119	395019	18.855	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	383079	19.539	ug/l	99
81) sec-Butylbenzene	11.94	105	450573	19.298	ug/l	99
82) p-Isopropyltoluene	12.06	119	395019	18.855	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	215641	18.892	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	215026	18.828	ug/l	98
85) n-Butylbenzene	12.39	91	333197	18.532	ug/l	100
86) Hexachloroethane	12.60	117	55155	17.028	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	217799	19.163	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	26496	17.501	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	145271	18.618	ug/l	99
90) Hexachlorobutadiene	13.79	225	69825	18.763	ug/l	99
91) Naphthalene	13.83	128	446985	18.924	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	145740	18.837	ug/l	98

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ClientSampleId :
VX0125WBSD01

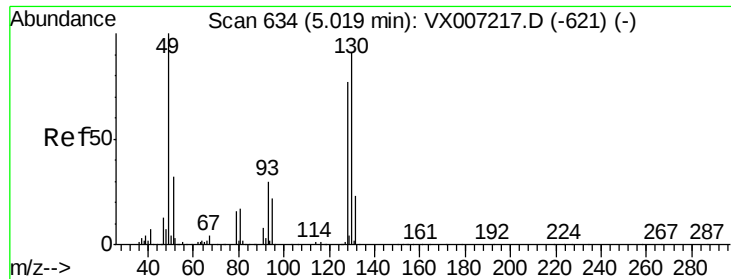
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

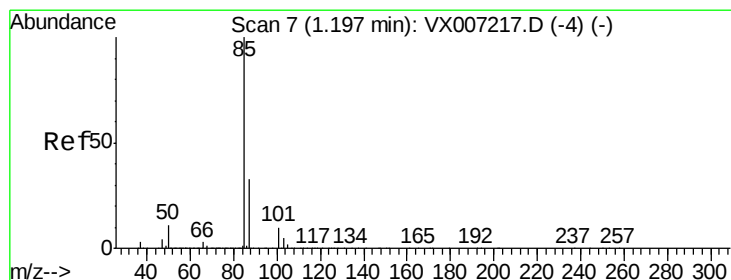
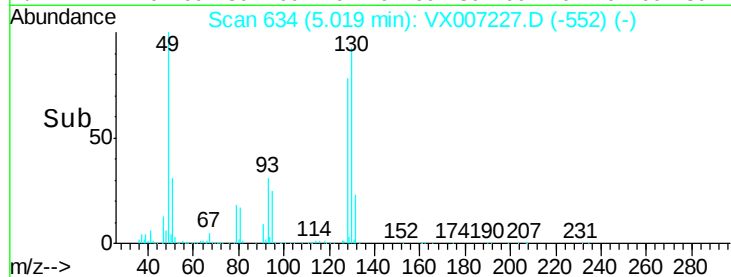
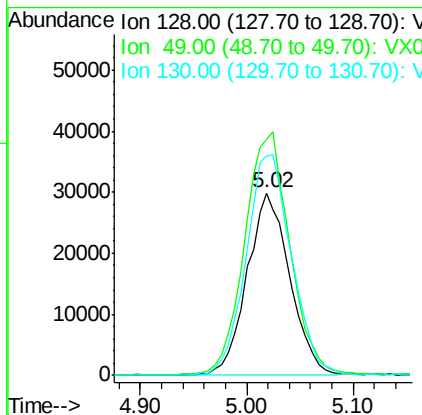
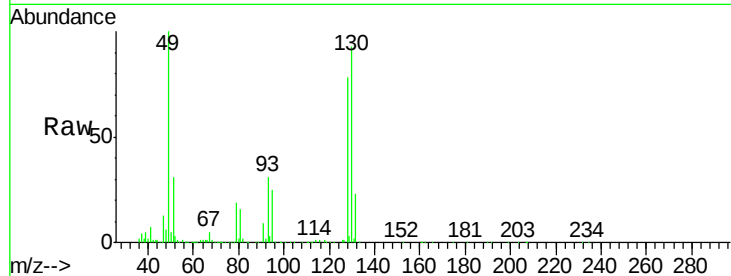
ClientSampleId :

VX0125WBSD01

Tot Ion:	128	Resp:	83766
Ion	Ratio	Lower	Upper
128	100		
49	139.4	0.0	345.5
130	129.0	0.0	320.0

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#2

Dichlorodifluoromethane

Concen: 18.557 ug/l

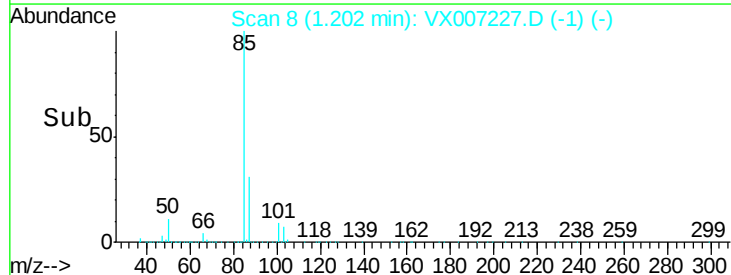
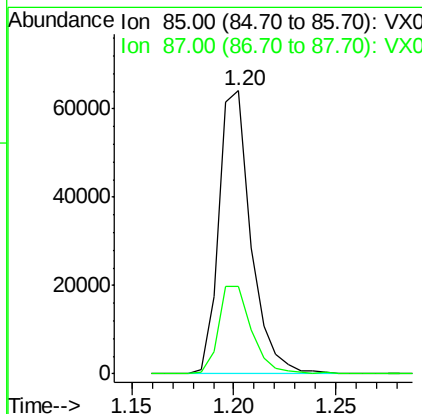
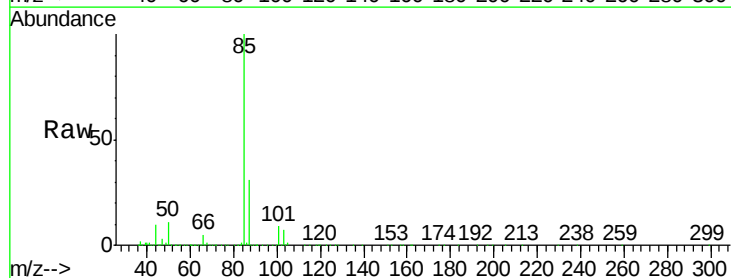
RT: 1.20 min Scan# 8

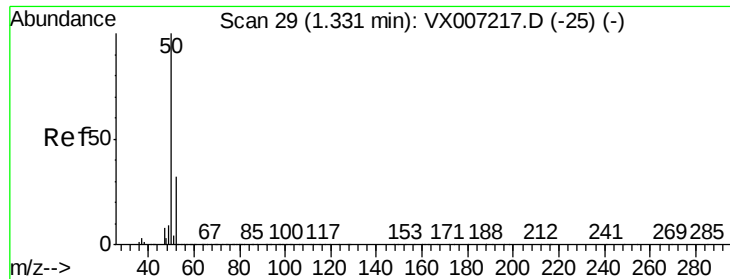
Delta R.T. 0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	85	Resp:	69776
Ion	Ratio	Lower	Upper
85	100		
87	30.7	16.4	49.1





#3

Chloromethane

Concen: 20.424 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 50 Resp: 85856

Ion Ratio Lower Upper

50 100

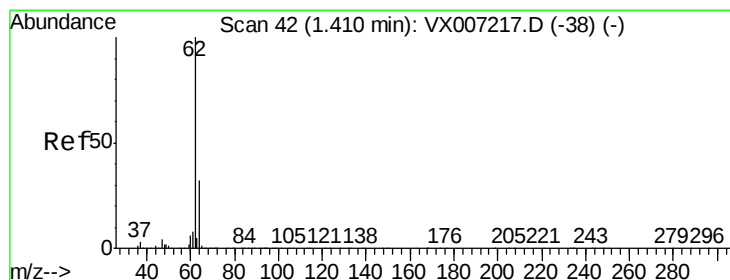
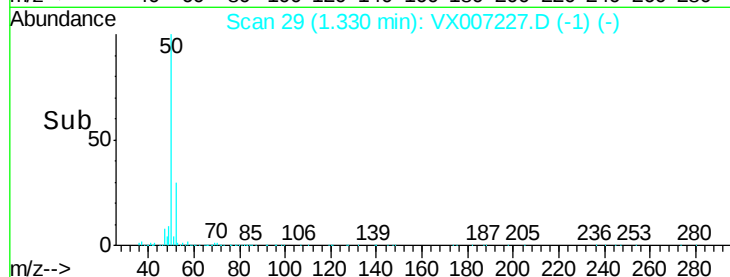
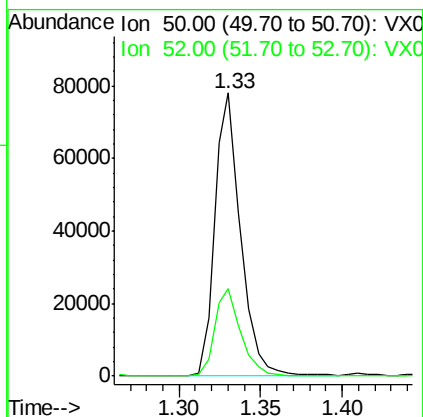
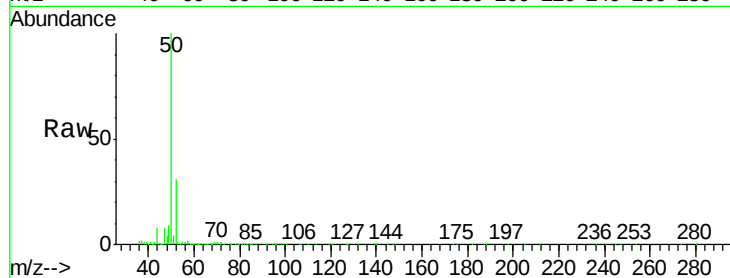
52 30.7 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.377 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007227.D

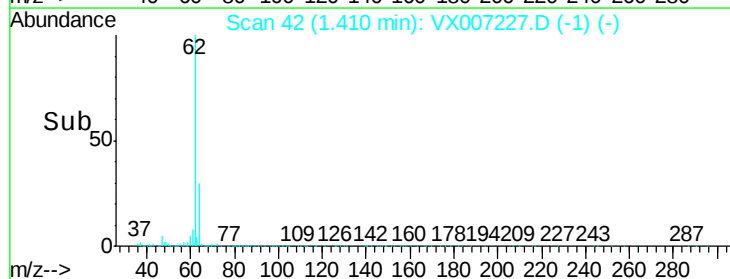
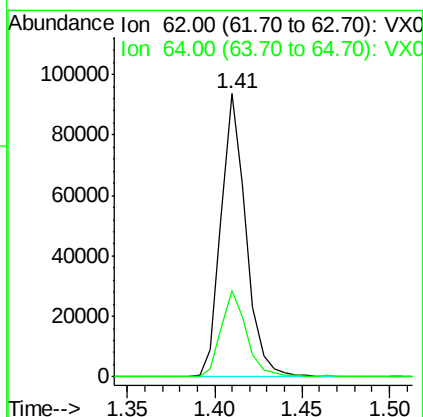
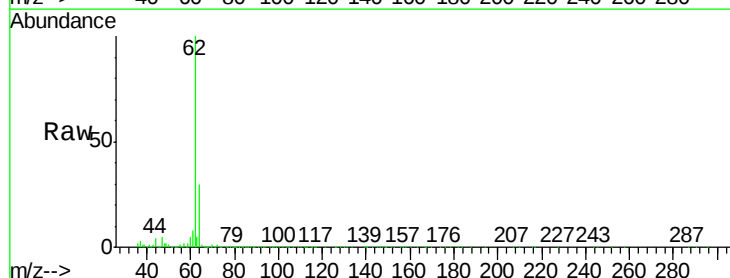
Acq: 25 Jan 2019 14:06

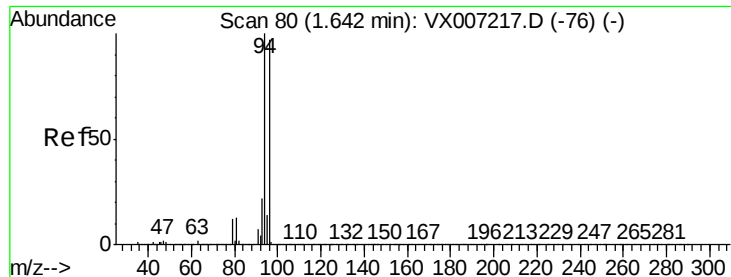
Tgt Ion: 62 Resp: 92434

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3





#5

Bromomethane

Concen: 18.942 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 94 Resp: 94182

Ion Ratio Lower Upper

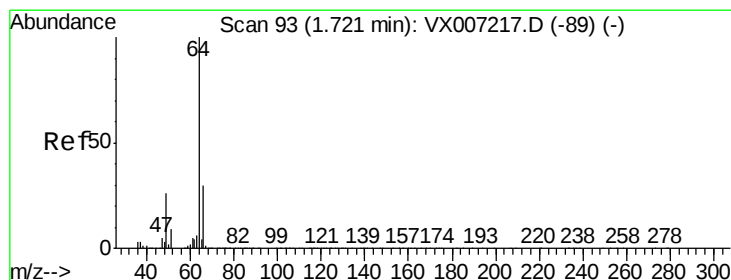
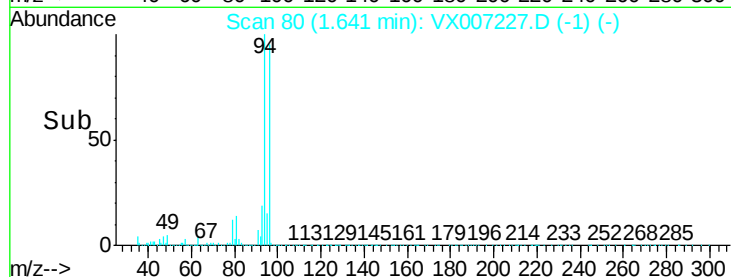
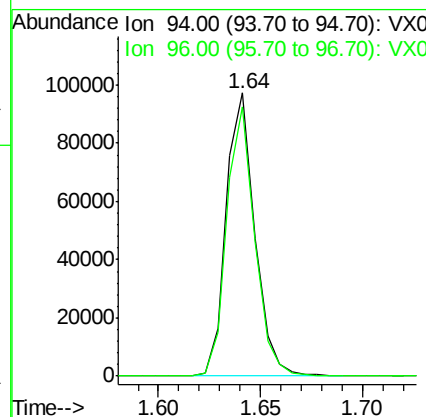
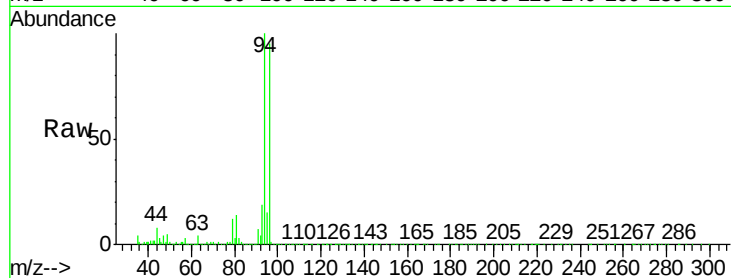
94 100

96 95.3 77.4 116.2

Manual Integrations
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#6

Chloroethane

Concen: 18.846 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007227.D

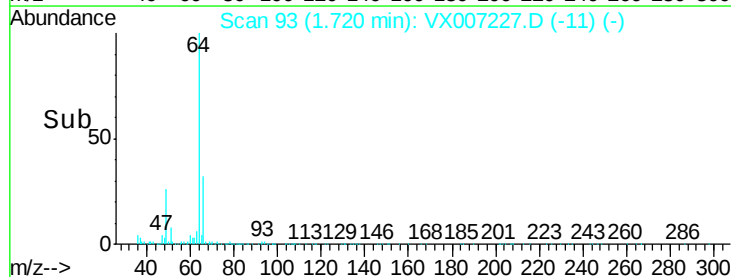
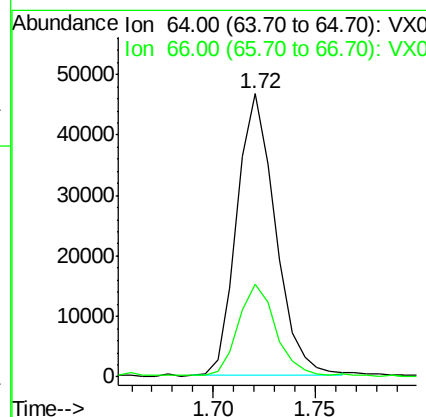
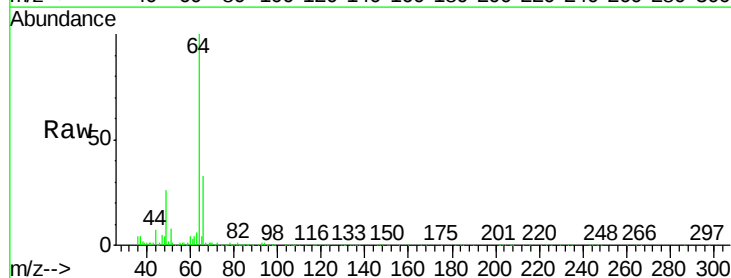
Acq: 25 Jan 2019 14:06

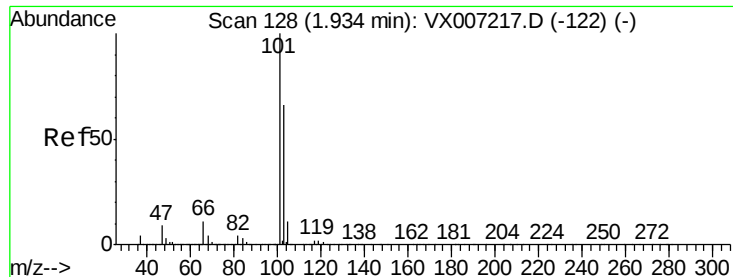
Tgt Ion: 64 Resp: 60585

Ion Ratio Lower Upper

64 100

66 32.5 24.2 36.2





#7

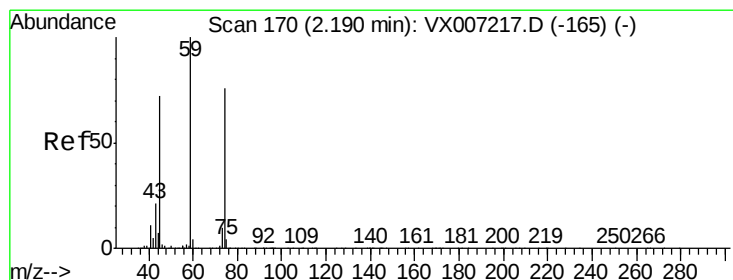
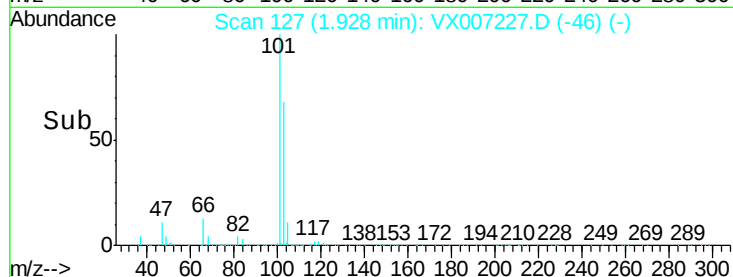
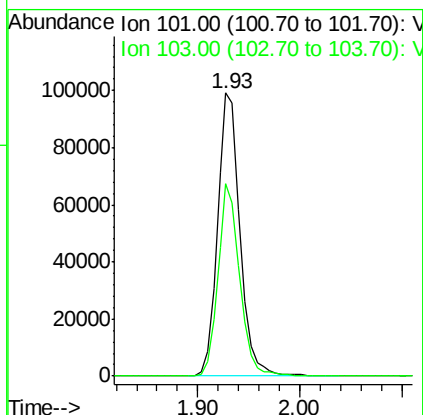
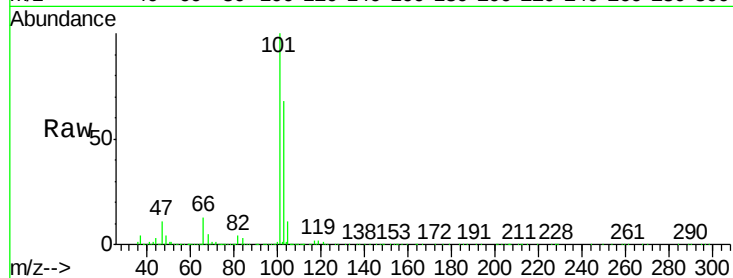
Trichlorofluoromethane
Concen: 18.882 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.6	78.8

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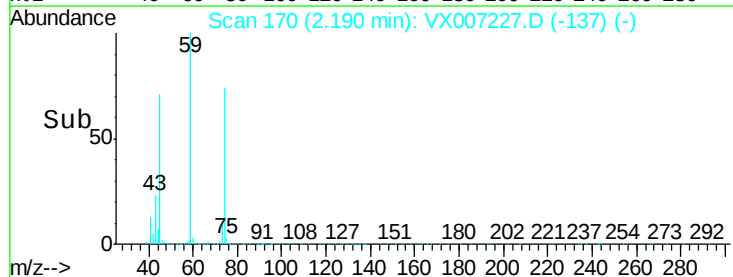
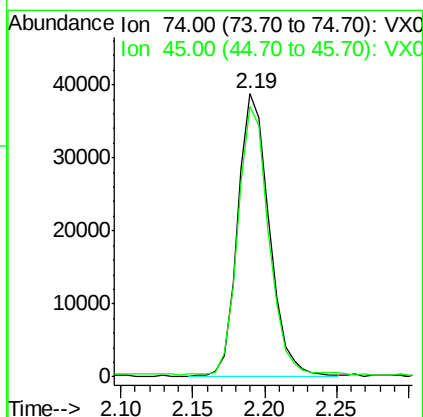
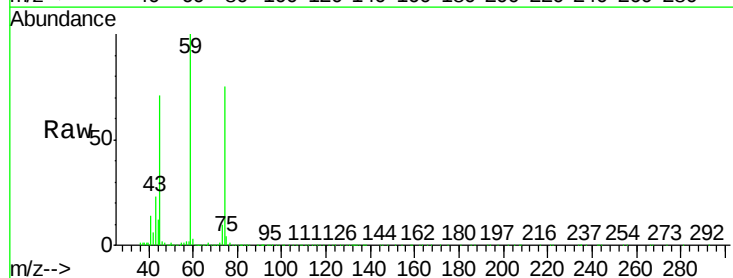
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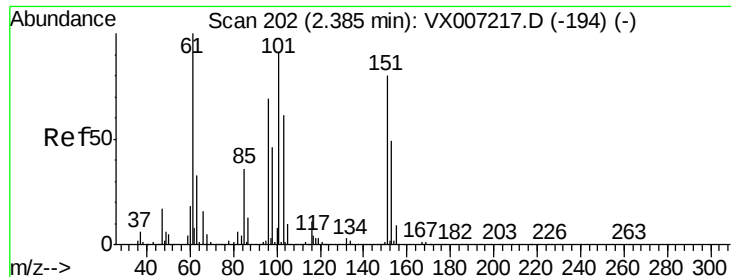


#8

Diethyl Ether
Concen: 19.305 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.990 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

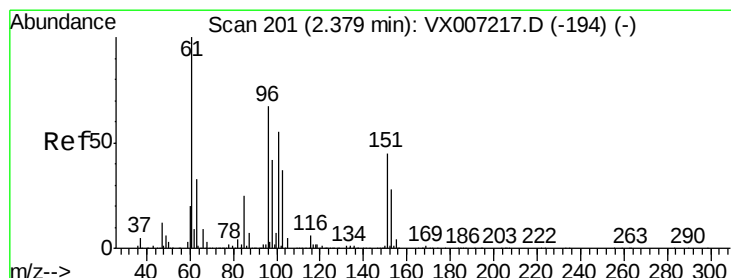
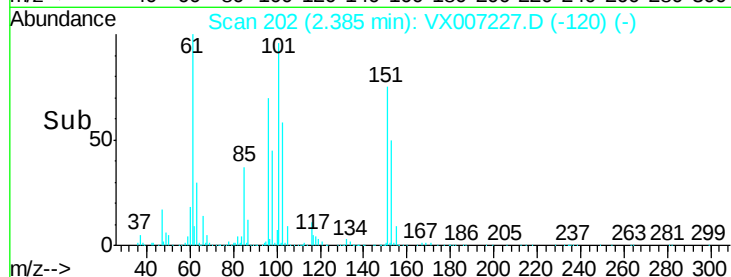
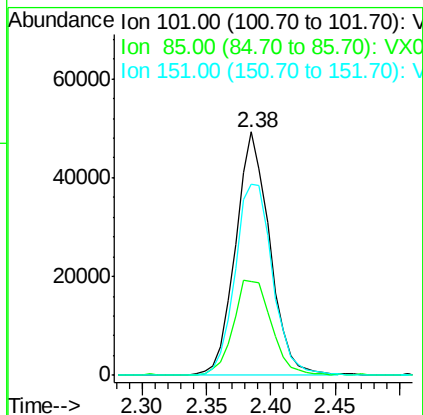
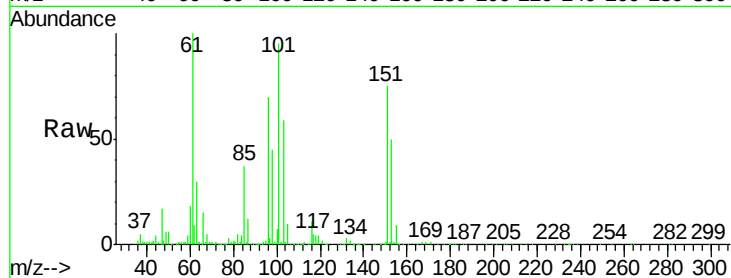
ClientSampleId :

VX0125WBSD01

Tot Ion:	101	Resp:	90330
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	87.4
151	86.6	0.0	176.4

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#10

1,1-Dichloroethene

Concen: 19.189 ug/l

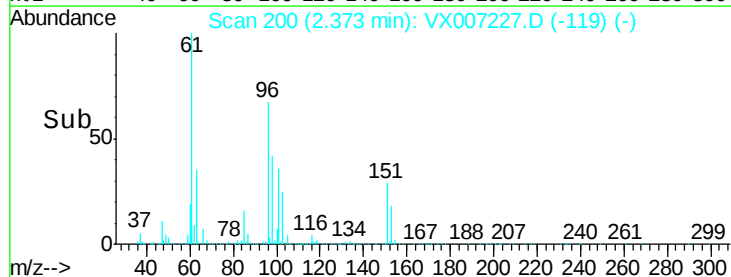
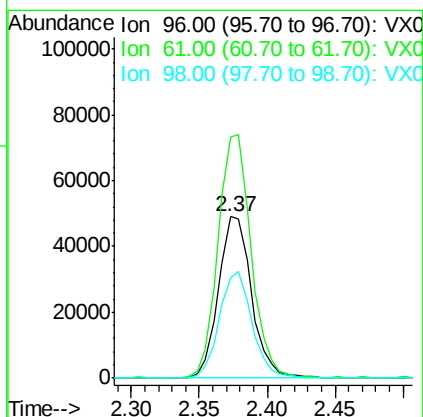
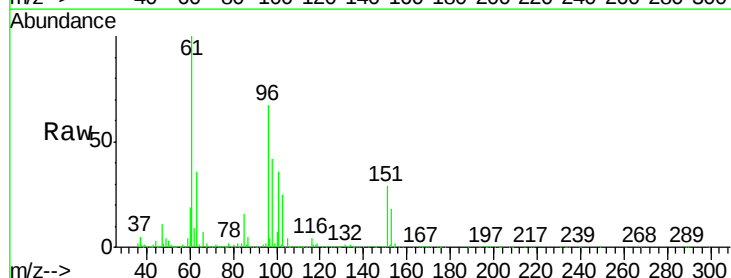
RT: 2.37 min Scan# 200

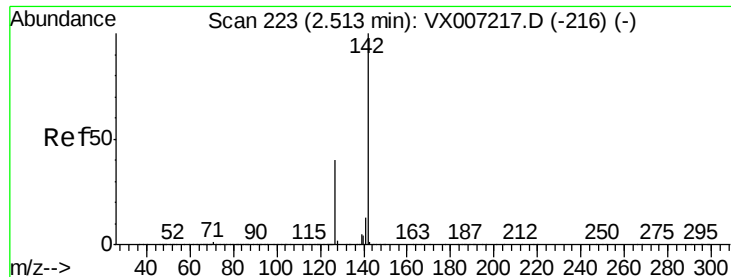
Delta R.T. -0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	96	Resp:	82961
Ion Ratio	Lower	Upper	
96	100		
61	148.8	119.6	179.4
98	61.8	50.9	76.3





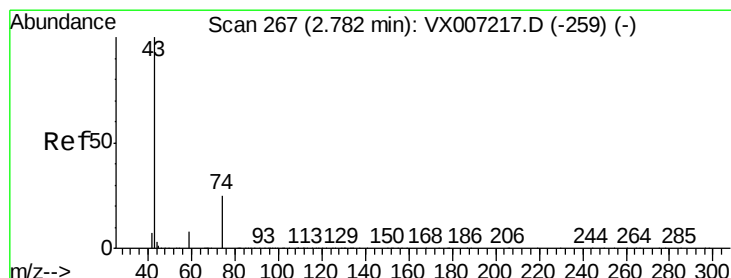
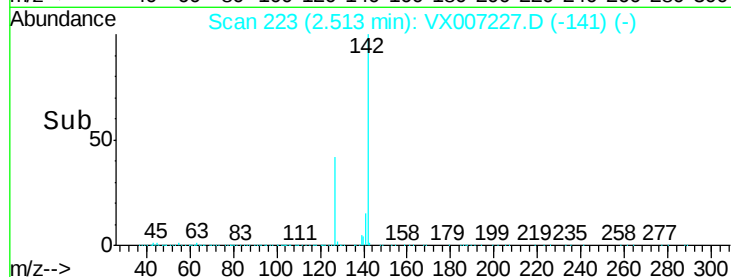
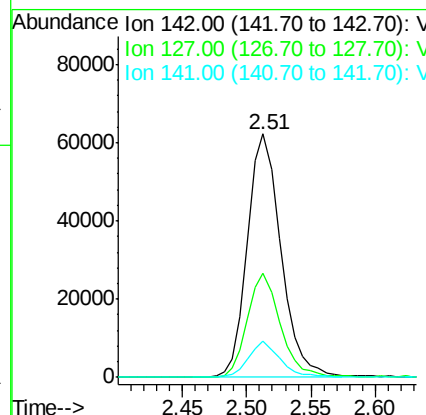
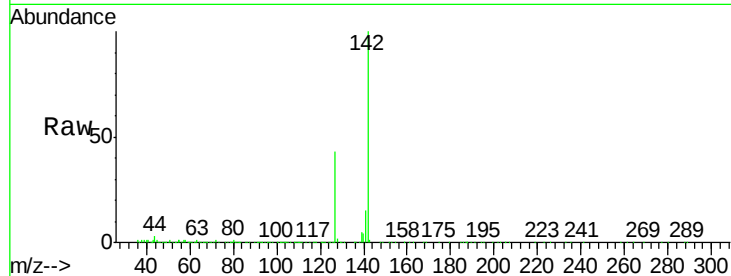
#11
Methvl Iodide
Concen: 15.970 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.3	20.0	59.9
141	14.8	6.3	19.1

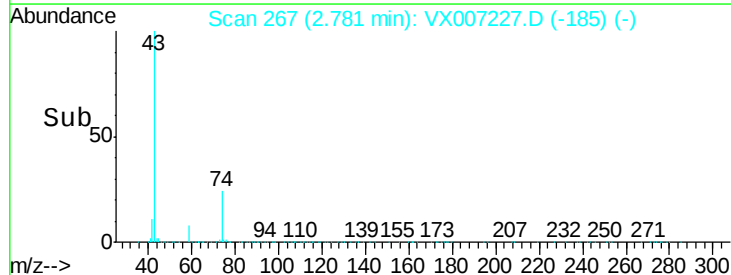
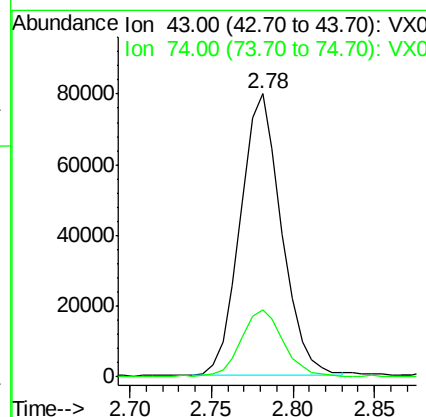
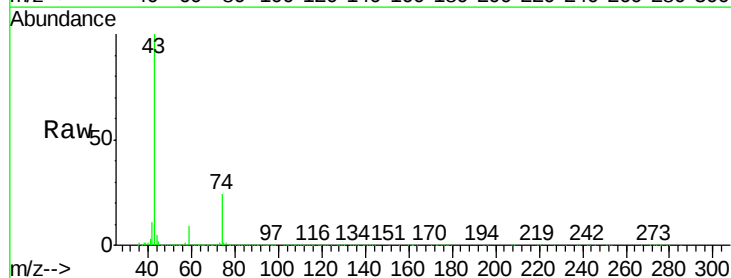
Manual Integrations
APPROVED

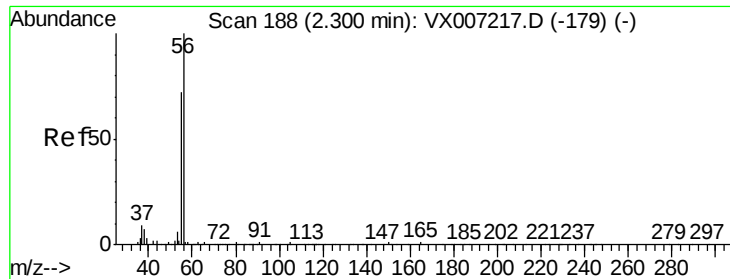
MMDadoda
1/28/2019 12:05:31 PM



#12
Methyl Acetate
Concen: 19.110 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.8	29.8





#13

Acrolein

Concen: 91.545 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0125WBSD01

Tot Ion: 56 Resp: 48797

Ion Ratio Lower Upper

56 100

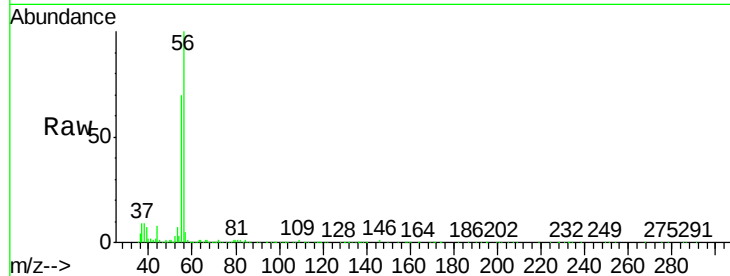
55 74.5 58.6 87.8

Manual Integrations

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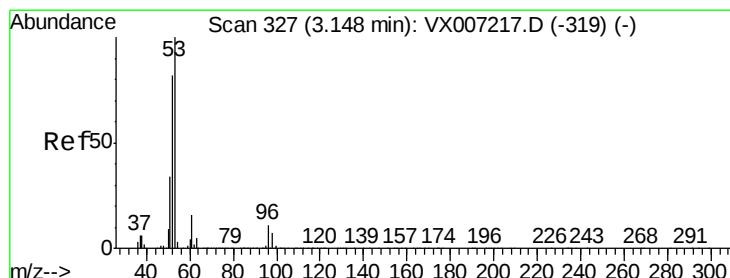
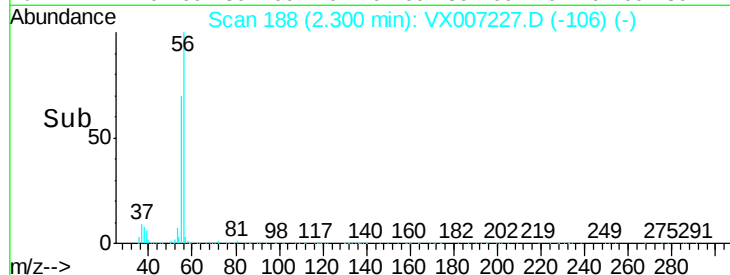
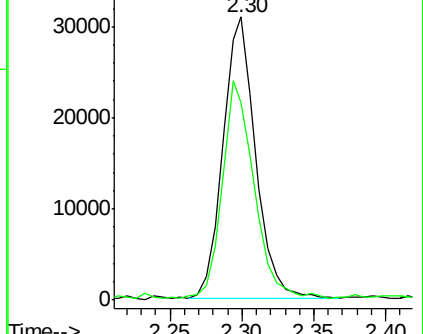
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 97.400 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

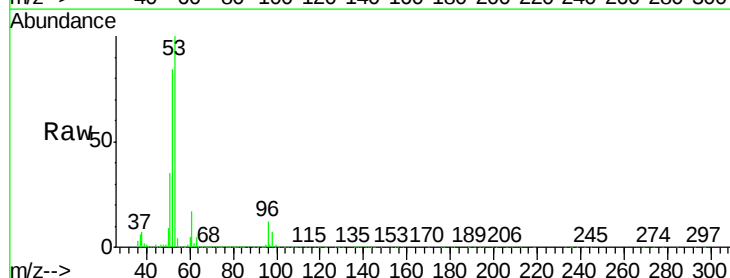
Tgt Ion: 53 Resp: 268491

Ion Ratio Lower Upper

53 100

52 83.5 41.3 124.1

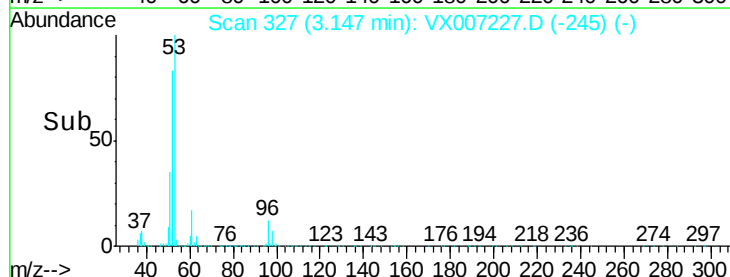
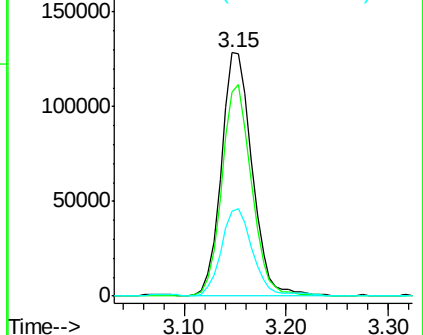
51 36.9 17.9 53.8

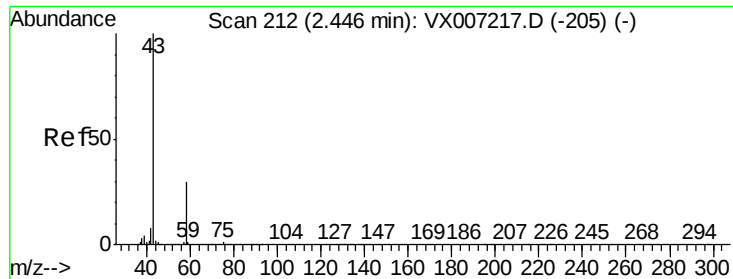


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 95.041 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 58 Resp: 74467

Ion Ratio Lower Upper

58 100

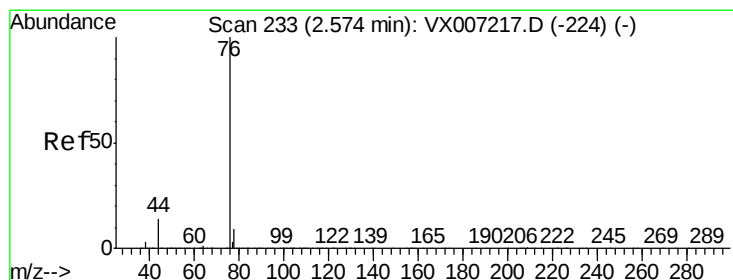
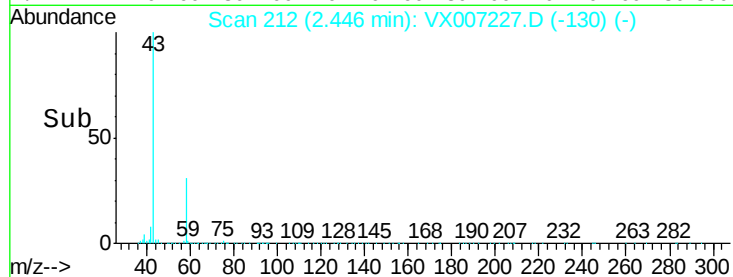
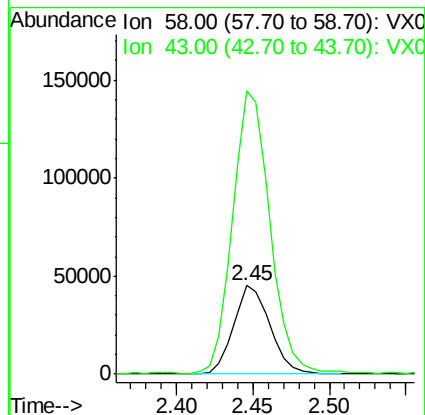
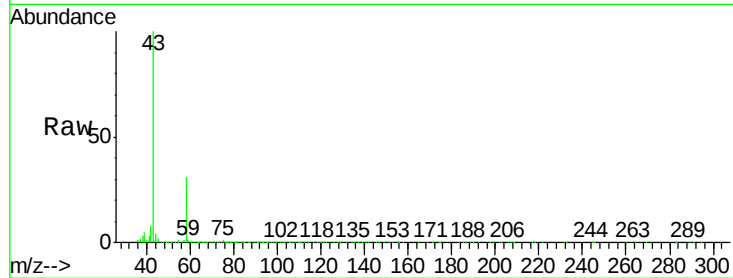
43 320.1 265.9 398.9

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.791 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007227.D

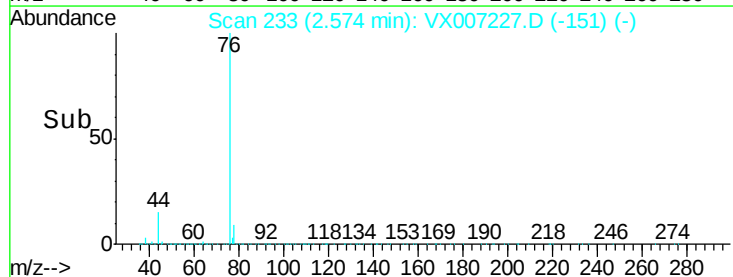
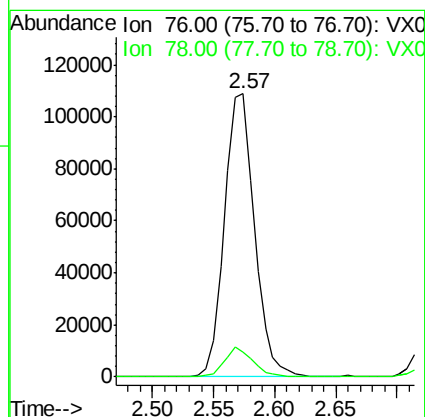
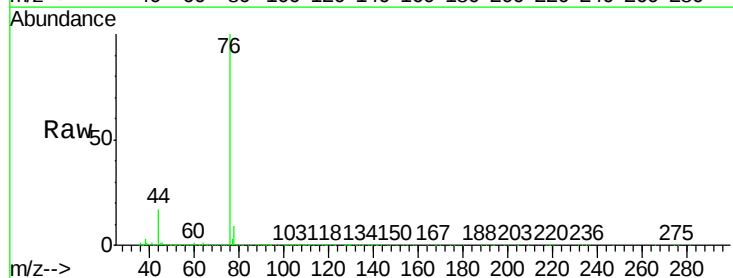
Acq: 25 Jan 2019 14:06

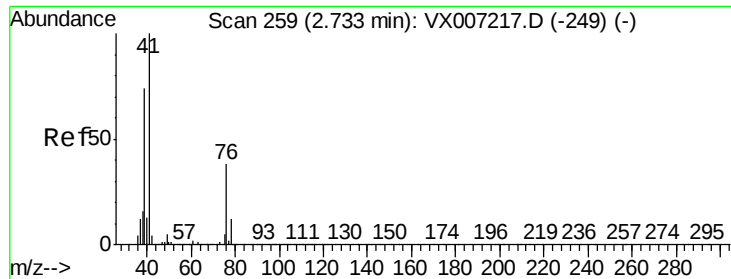
Tgt Ion: 76 Resp: 185463

Ion Ratio Lower Upper

76 100

78 8.5 7.7 11.5





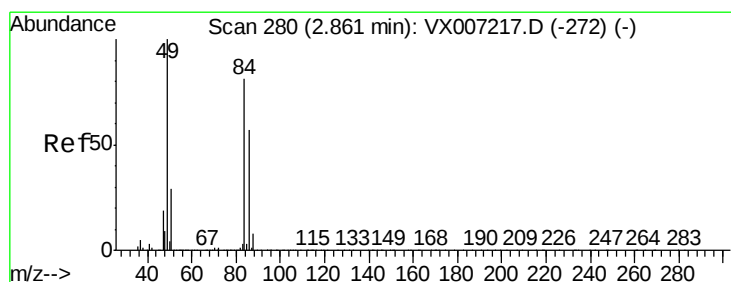
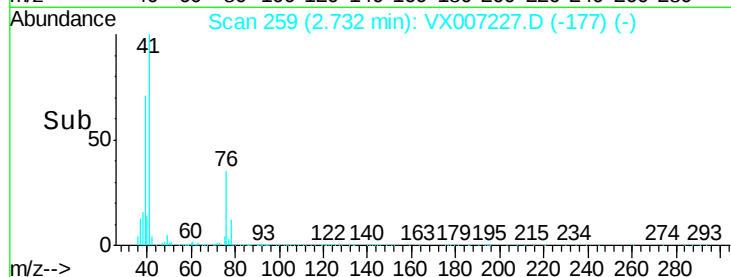
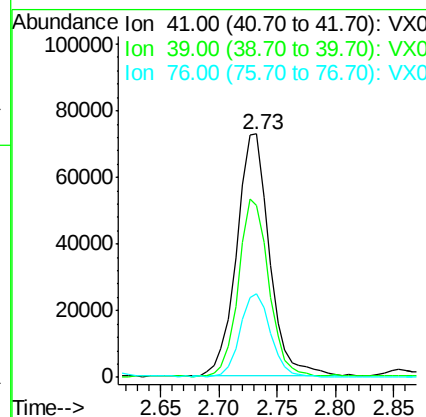
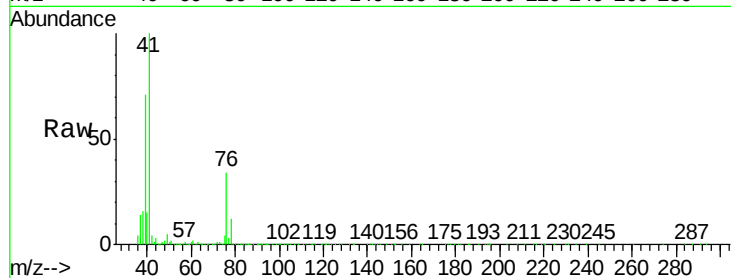
#17
Allvl chloride
Concen: 19.051 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.7	37.0	111.0
76	34.6	19.3	57.8

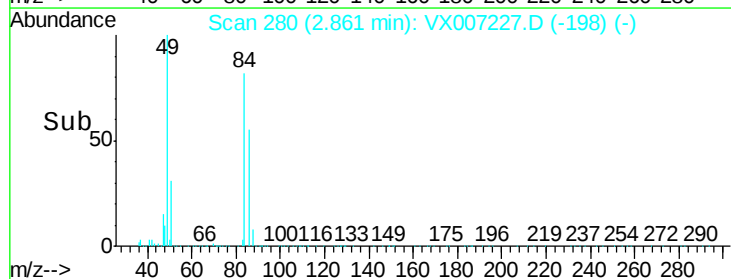
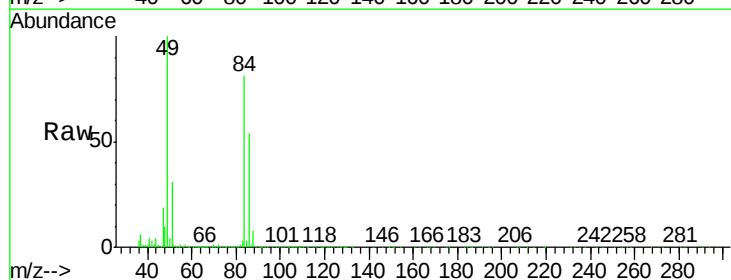
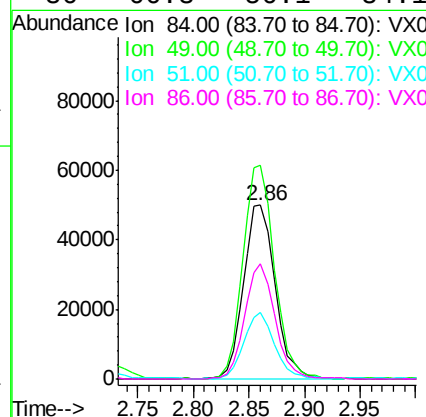
Manual Integrations
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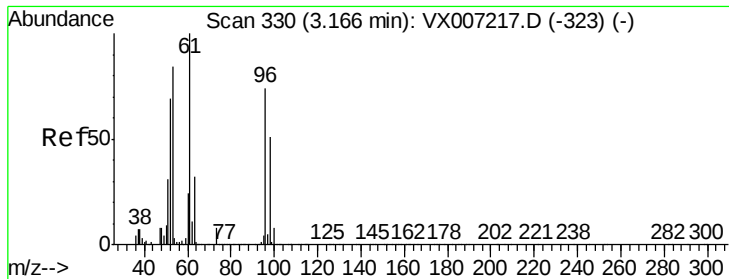
MMDadoda
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#18
Methylene Chloride
Concen: 19.830 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	98.4	147.6
51	37.6	28.9	43.3
86	66.3	56.1	84.1





#19

trans-1,2-Dichloroethene

Concen: 19.305 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

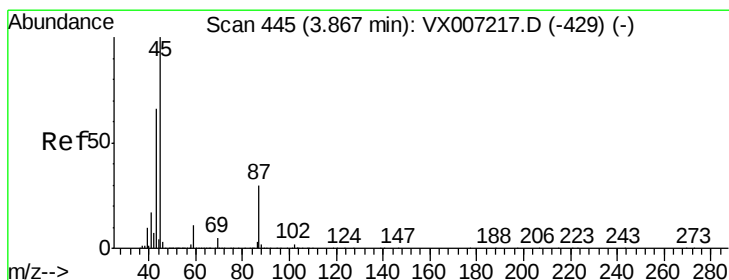
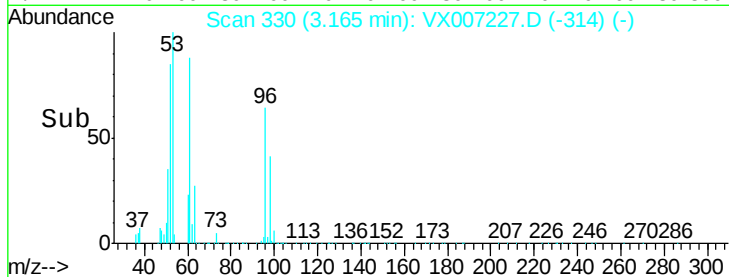
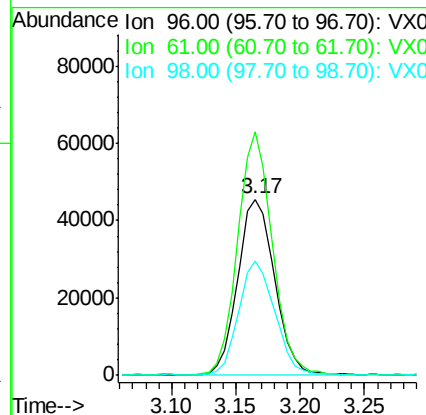
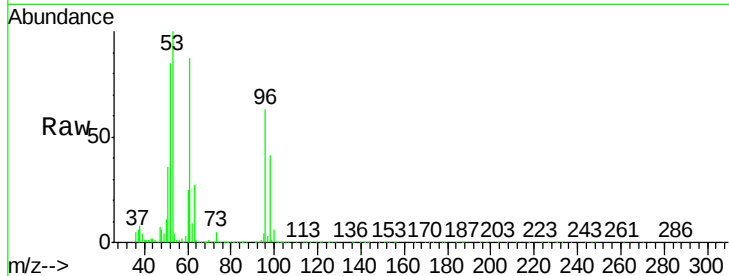
ClientSampleId :

VX0125WBSD01

Tot Ion:	96	Resp:	90376
Ion	Ratio	Lower	Upper
96	100		
61	138.6	107.8	161.6
98	65.1	54.9	82.3

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.498 ug/l

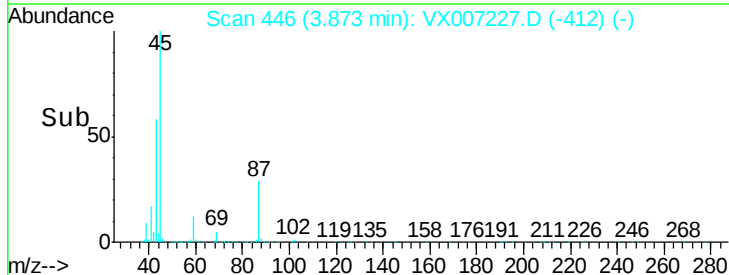
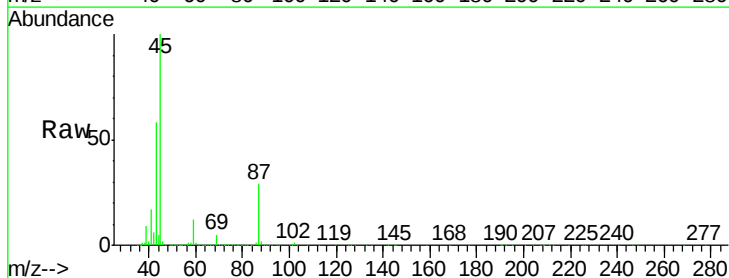
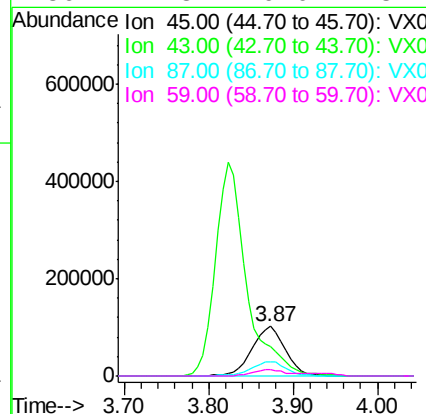
RT: 3.87 min Scan# 446

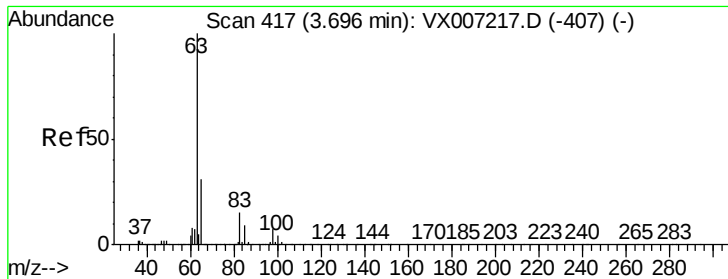
Delta R.T. 0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	45	Resp:	272865
Ion	Ratio	Lower	Upper
45	100		
43	57.5	53.1	79.7
87	29.3	23.7	35.5
59	11.8	9.0	13.4





#21

1,1-Dichloroethane

Concen: 18.686 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

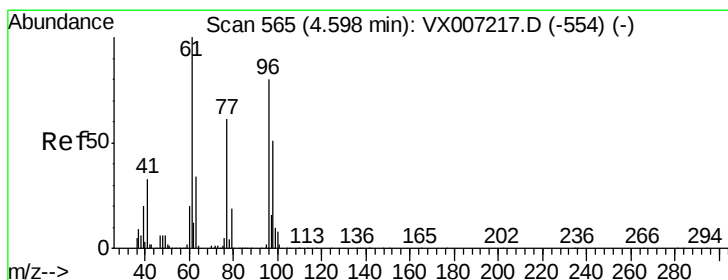
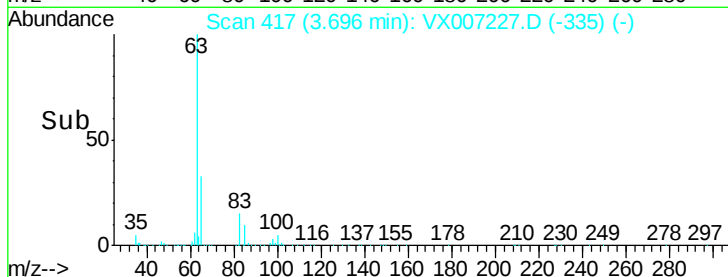
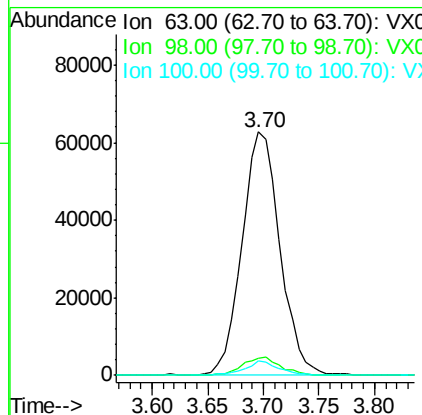
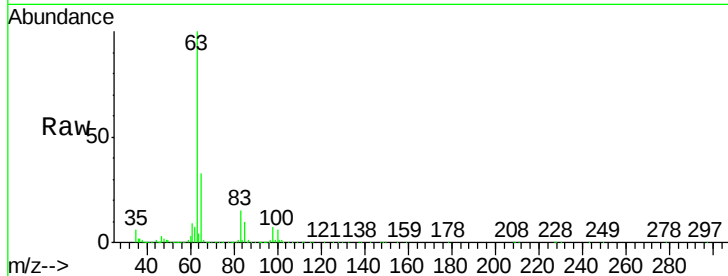
ClientSampleId :

VX0125WBSD01

Tot Ion:	63	Resp:	149349
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.3	9.9
100	5.8	2.1	6.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.064 ug/l

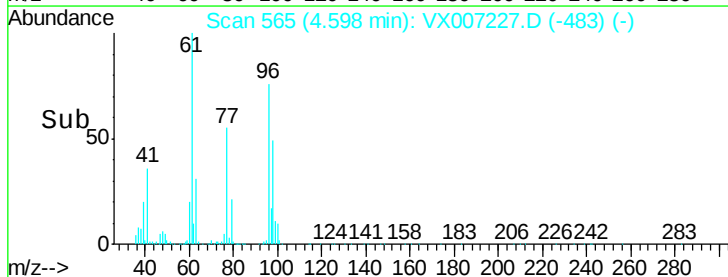
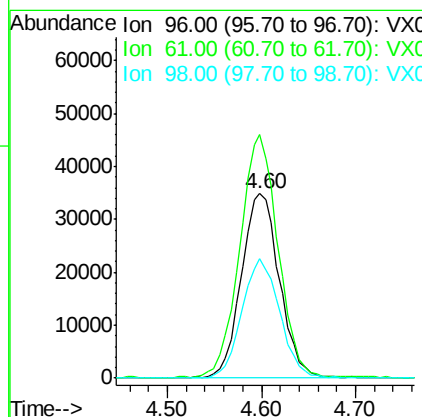
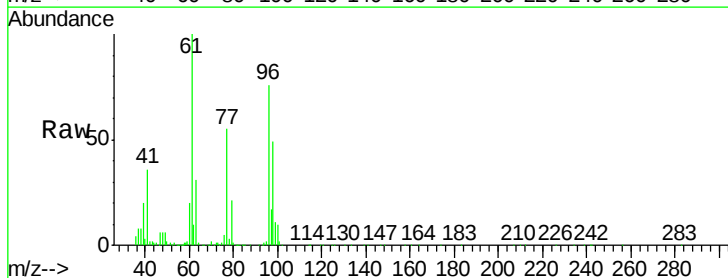
RT: 4.60 min Scan# 565

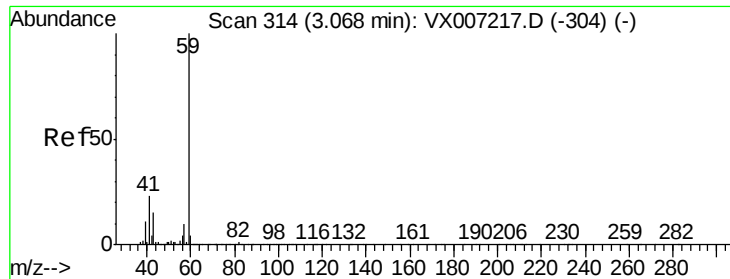
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	96	Resp:	98146
Ion Ratio	Lower	Upper	
96	100		
61	132.2	108.1	162.1
98	64.4	51.9	77.9





#23

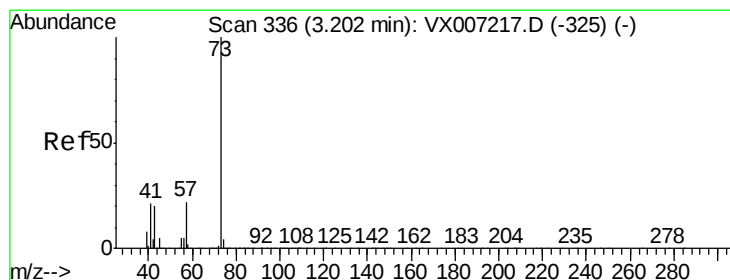
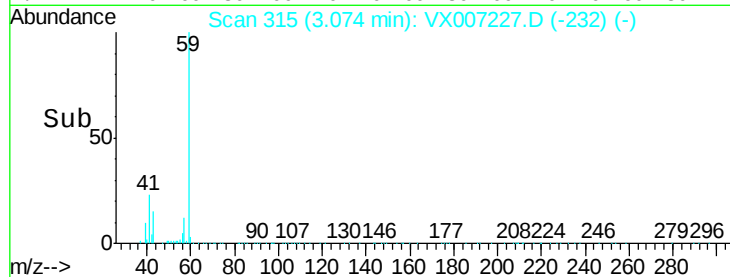
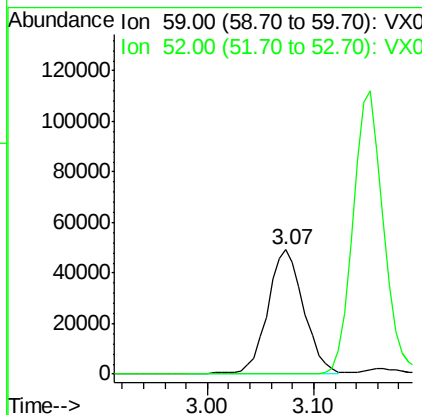
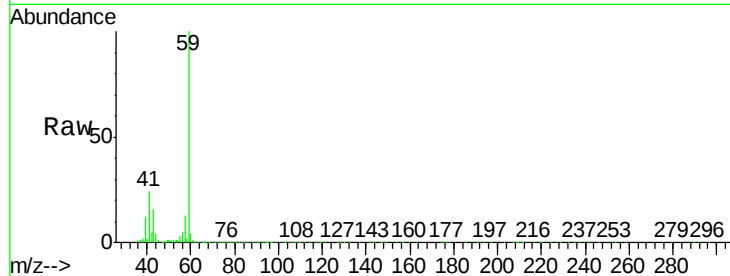
tert-Butyl Alcohol
 Concen: 100.059 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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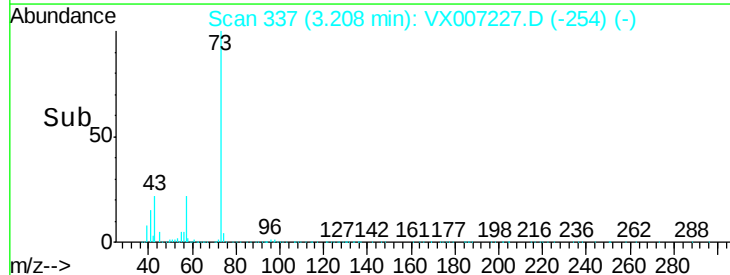
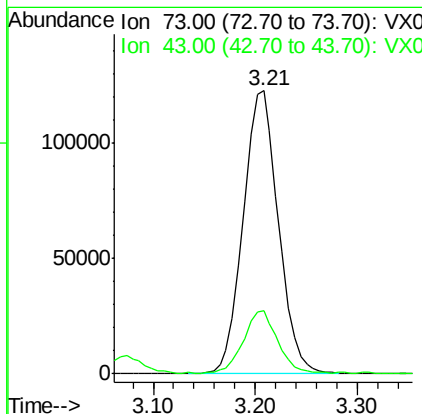
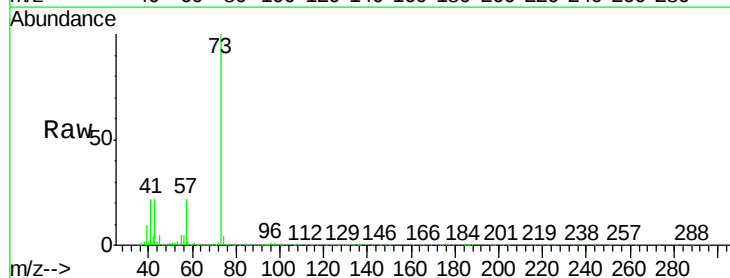
MMDadoda
 1/28/2019 12:05:31 PM

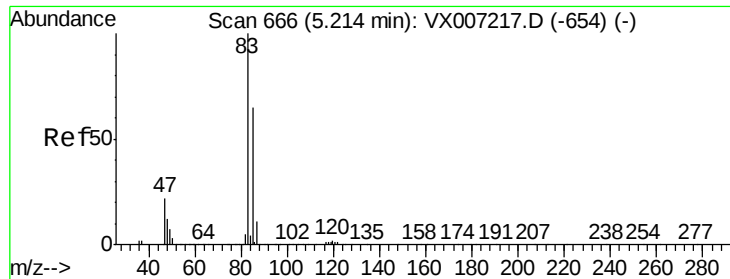


#24

Methyl tert-Butyl Ether
 Concen: 19.516 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.2	24.4





#25

Chloroform

Concen: 19.433 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 83 Resp: 160532

Ion Ratio Lower Upper

83 100

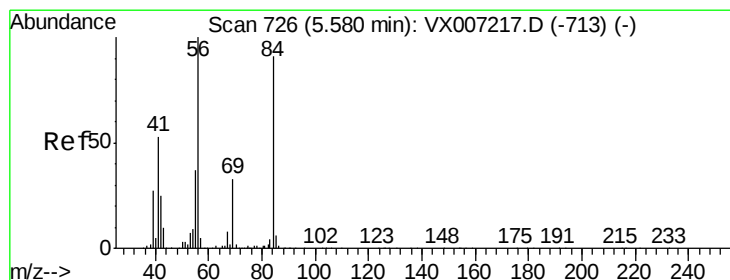
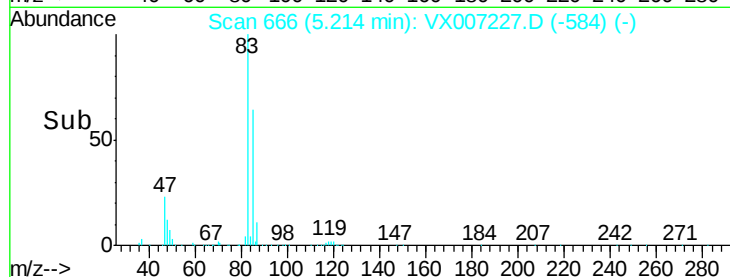
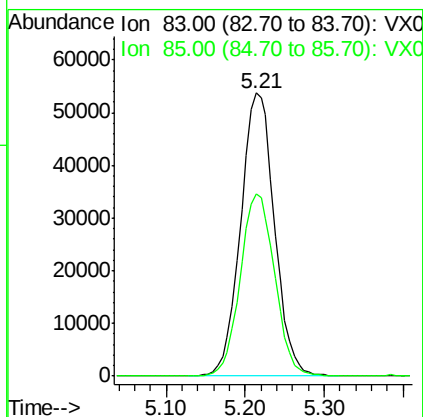
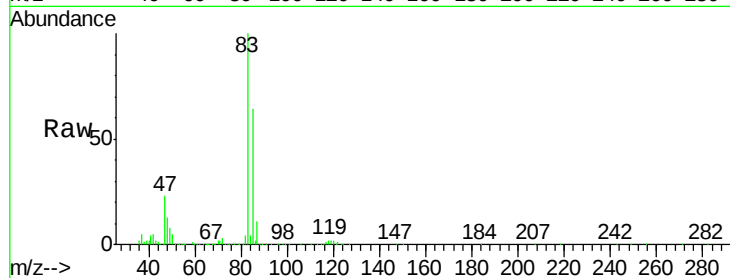
85 64.1 51.9 77.9

Manual Integrations

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#26

Cyclohexane

Concen: 19.076 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

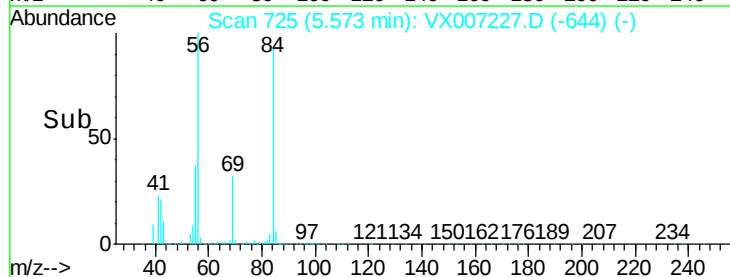
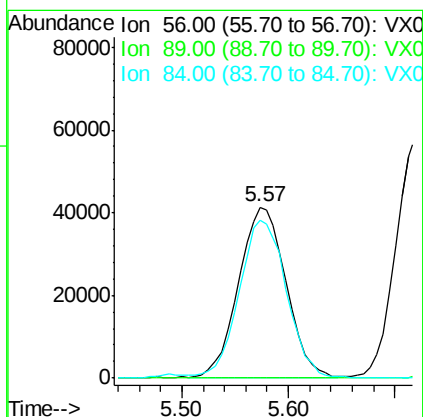
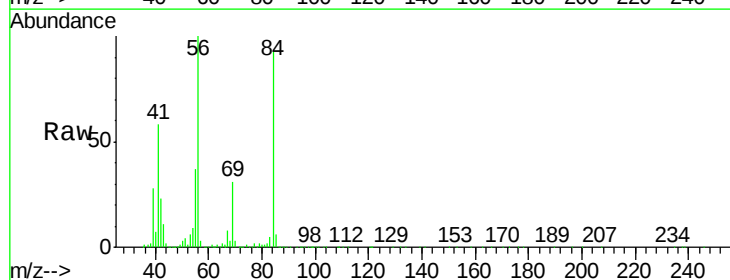
Tgt Ion: 56 Resp: 128415

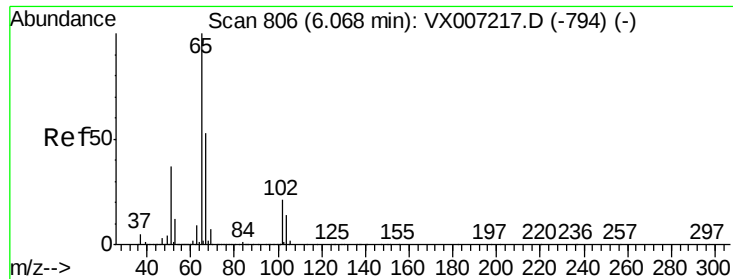
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 92.4 74.2 111.2





#27

1,2-Dichloroethane-d4

Concen: 29.634 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0125WBSD01

Tot Ion: 65 Resp: 162944

Ion Ratio Lower Upper

65 100

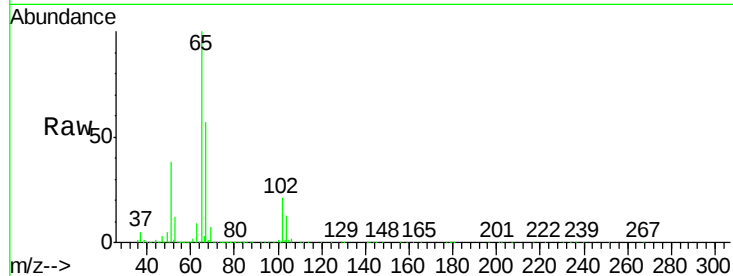
67 53.7 42.0 63.0

Manual Integrations

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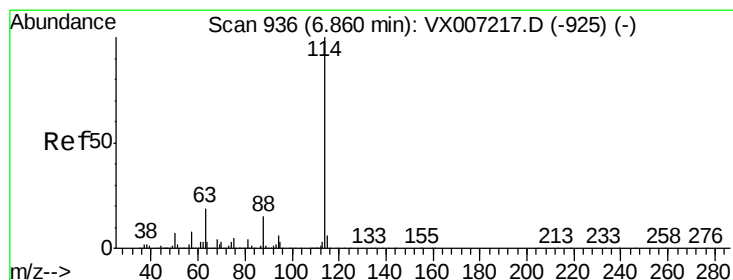
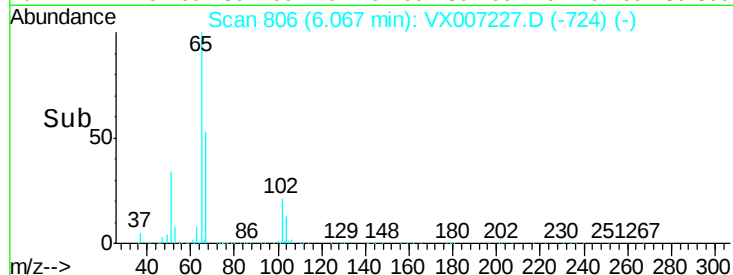
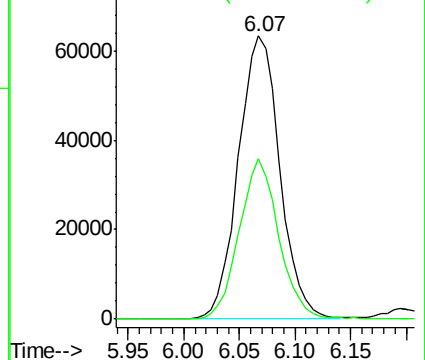
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

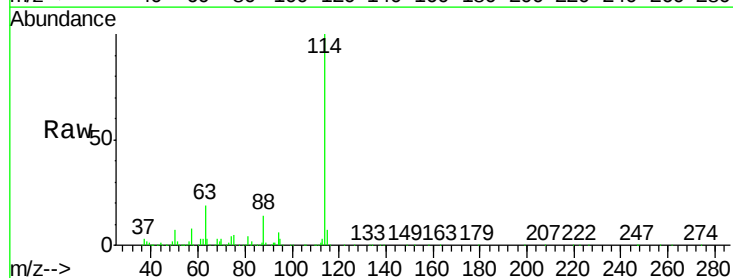
Tgt Ion: 114 Resp: 455011

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

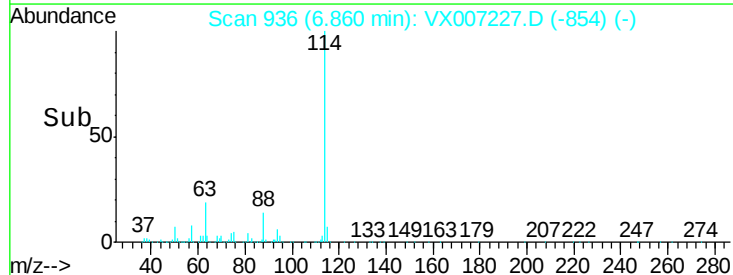
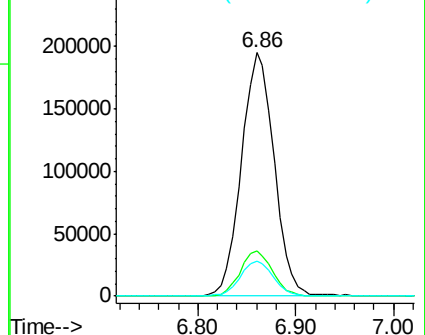
88 14.5 11.8 17.6

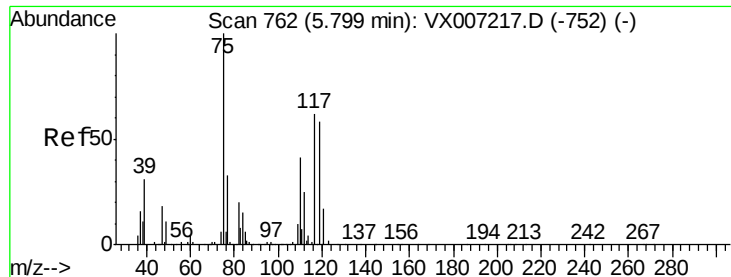


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.365 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

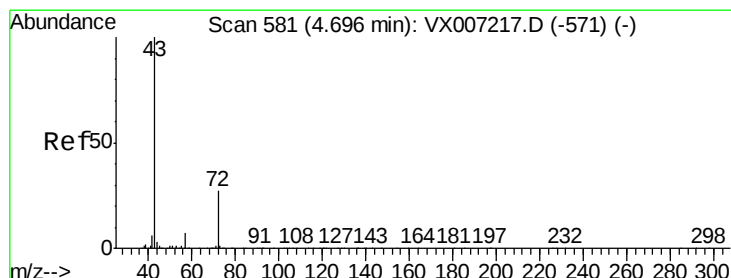
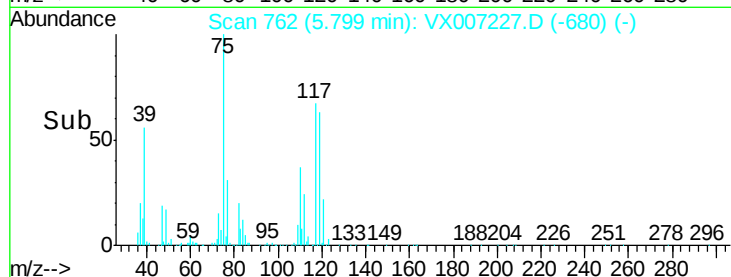
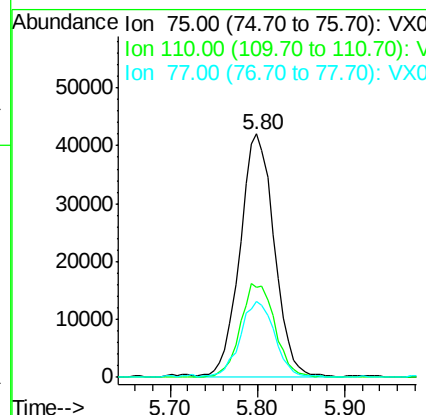
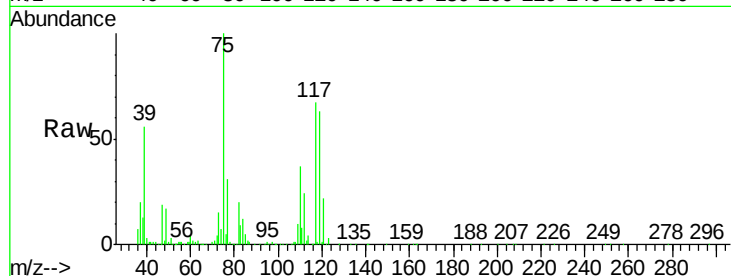
ClientSampleId :

VX0125WBSD01

Tot Ion:	75	Resp:	114861
Ion Ratio	Lower	Upper	
75	100		
110	38.7	0.0	78.8
77	30.7	0.0	61.8

Manual Integrations
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#30

2-Butanone

Concen: 97.931 ug/l

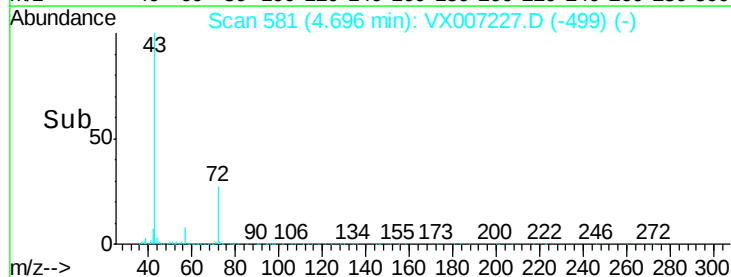
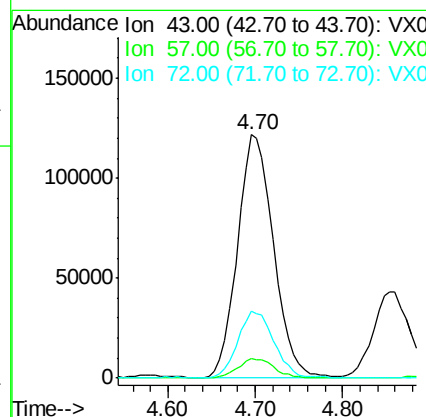
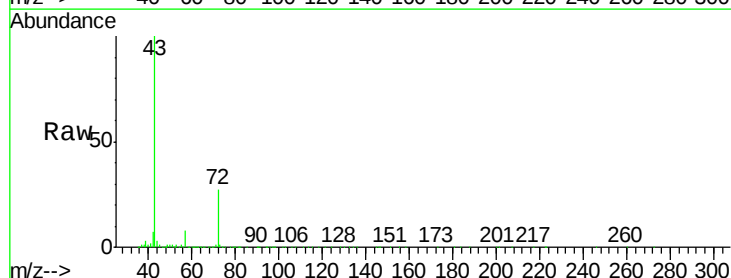
RT: 4.70 min Scan# 581

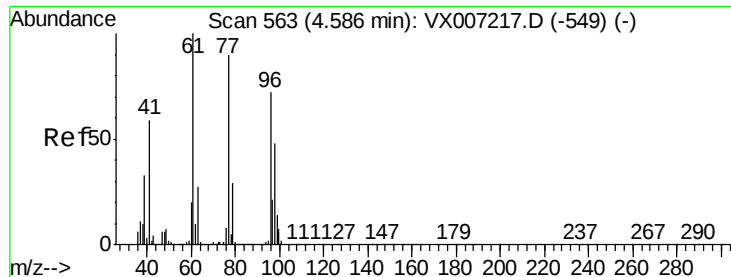
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	43	Resp:	347086
Ion Ratio	Lower	Upper	
43	100		
57	7.8	3.3	4.9#
72	27.7	22.0	33.0





#31

2,2-Dichloropropane

Concen: 17.458 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 77 Resp: 104621

Ion Ratio Lower Upper

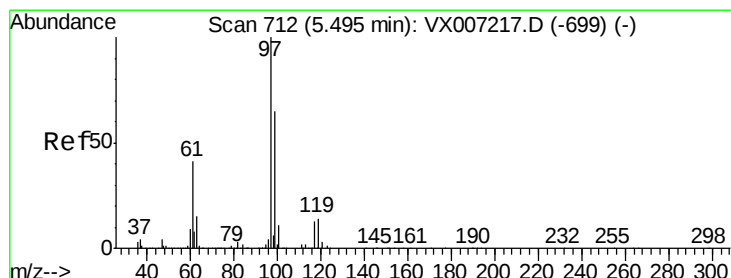
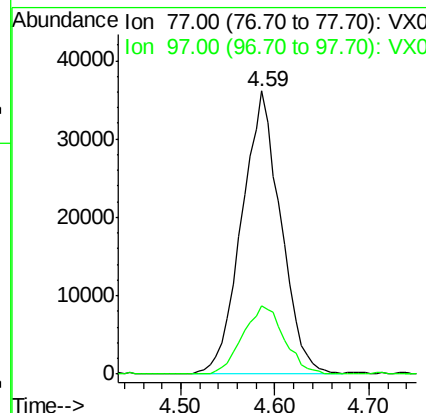
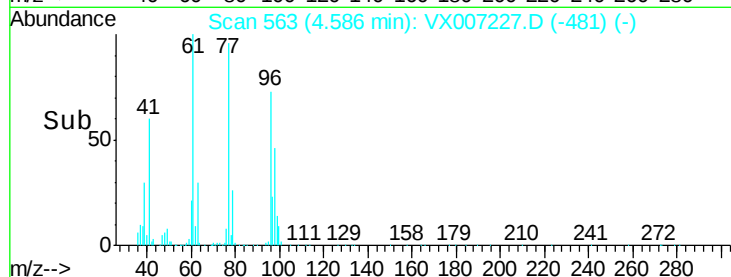
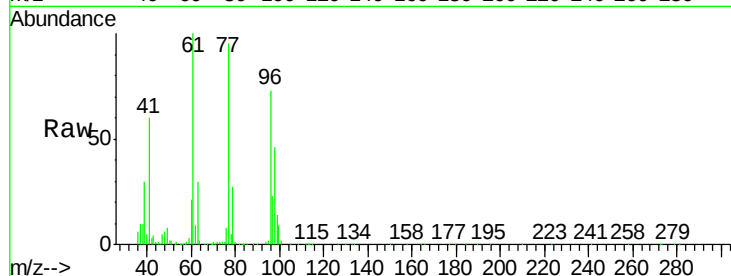
77 100

97 25.6 19.8 29.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.648 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

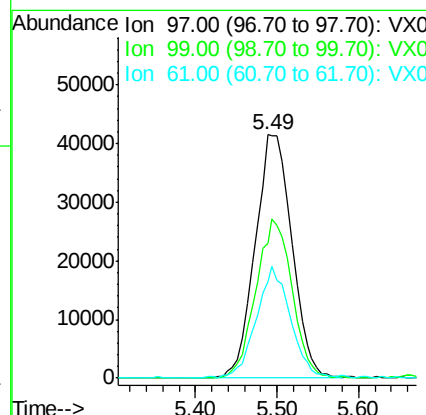
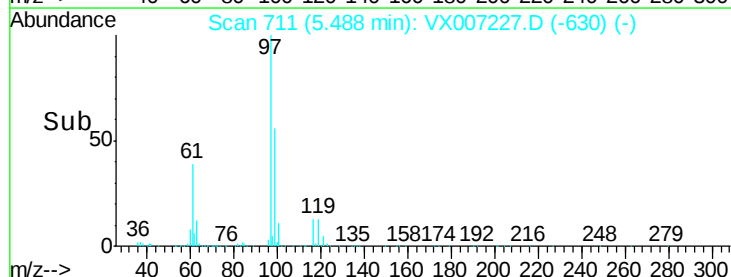
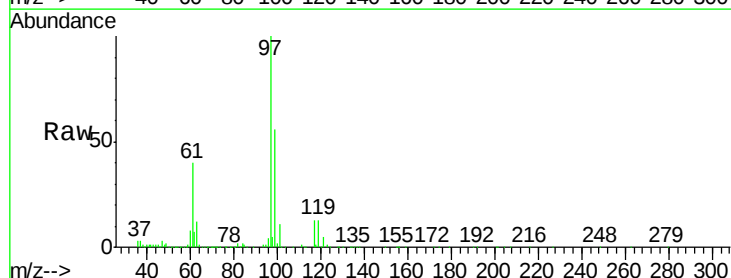
Tgt Ion: 97 Resp: 130726

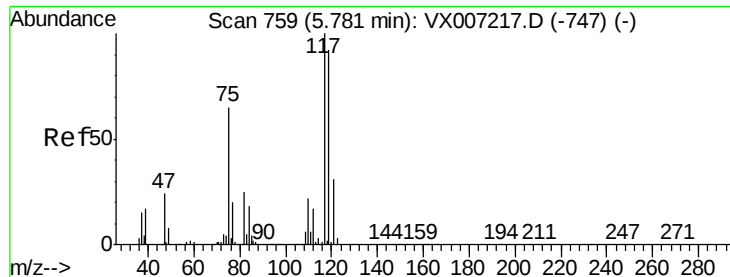
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 41.1 33.6 50.4





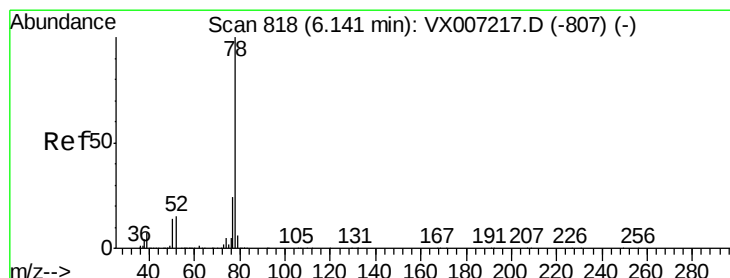
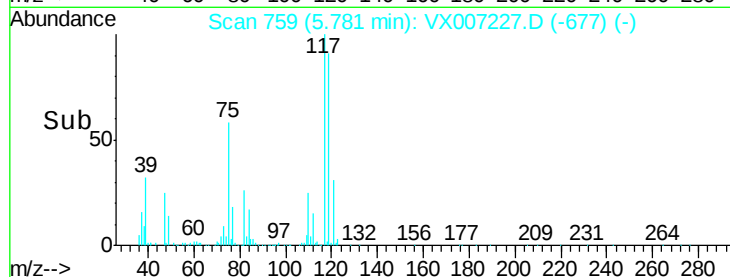
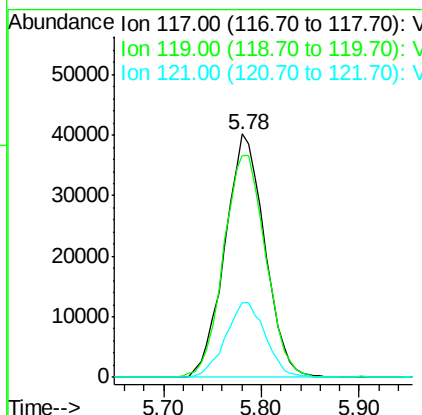
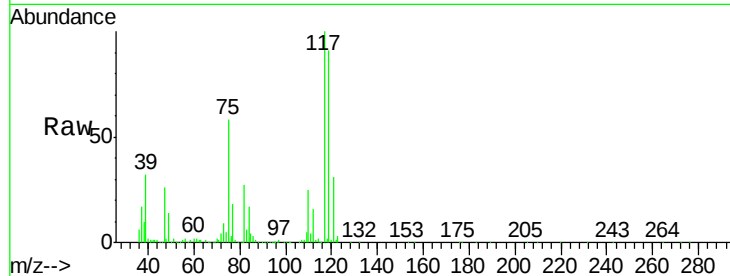
#33
Carbon Tetrachloride
Concen: 18.462 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.1	73.5	110.3
121	30.5	24.6	37.0

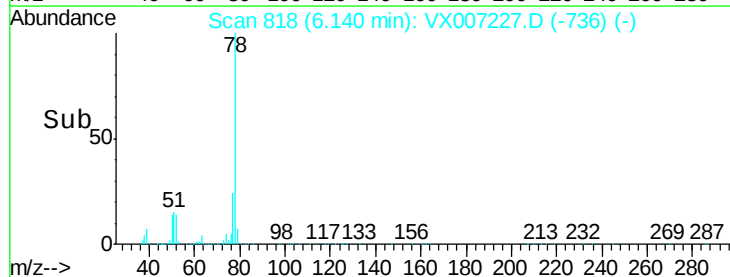
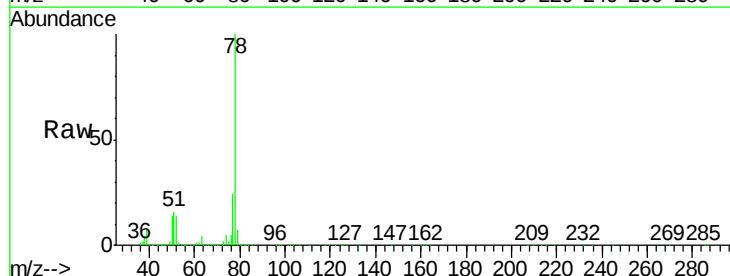
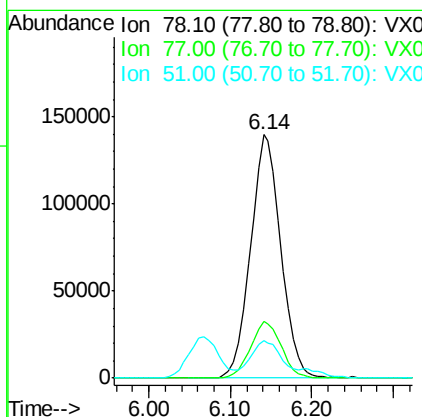
Manual Integrations
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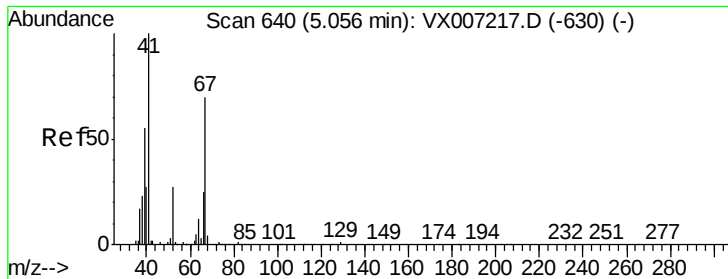
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#34
Benzene
Concen: 19.705 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7
51	15.1	12.4	18.6





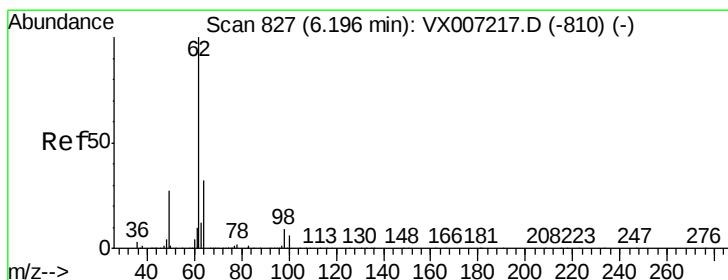
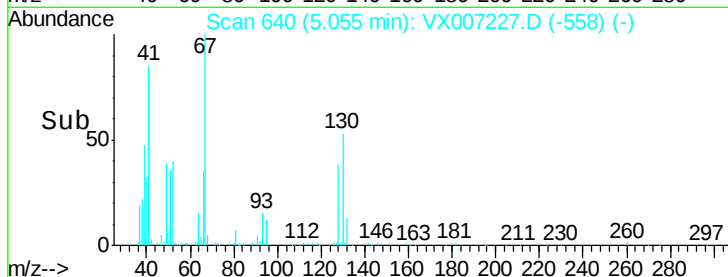
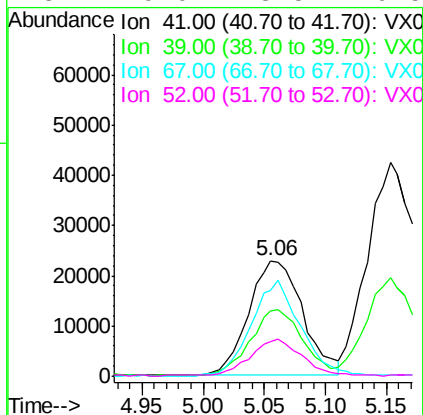
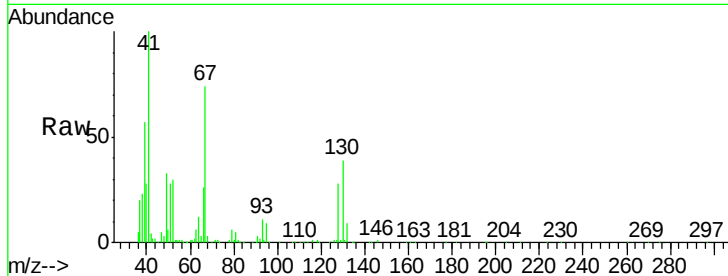
#35
Methacrylonitrile
Concen: 19.393 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	27.5	82.4	
67	75.0	34.8	104.3	
52	29.0	13.5	40.5	

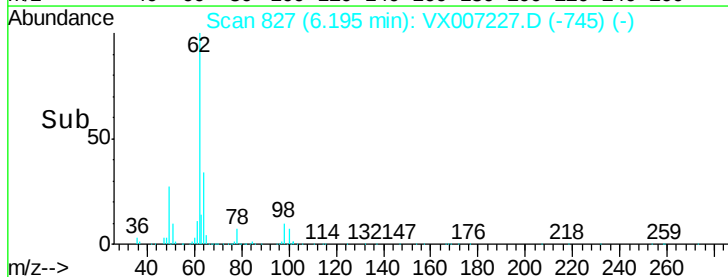
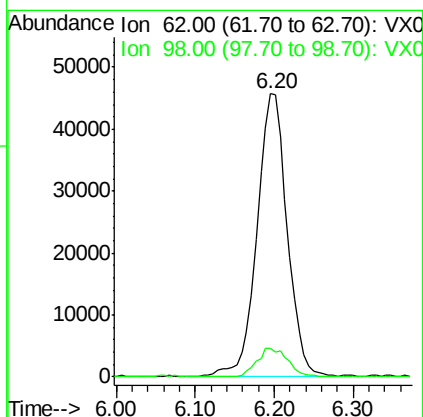
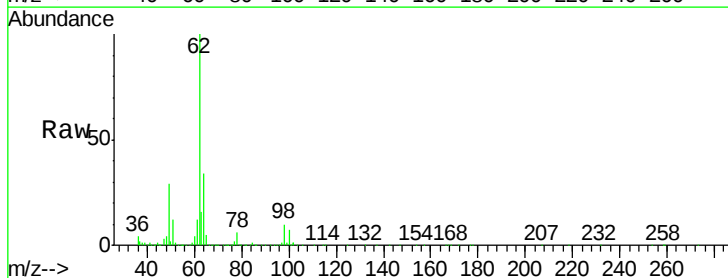
Manual Integrations
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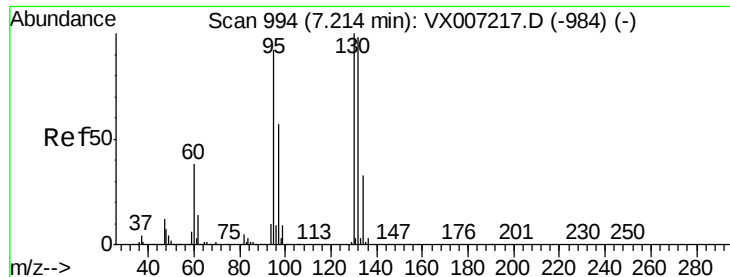
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.345 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	8.1	12.1	





#37

Trichloroethene

Concen: 18.823 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion:130 Resp: 101544

Ion Ratio Lower Upper

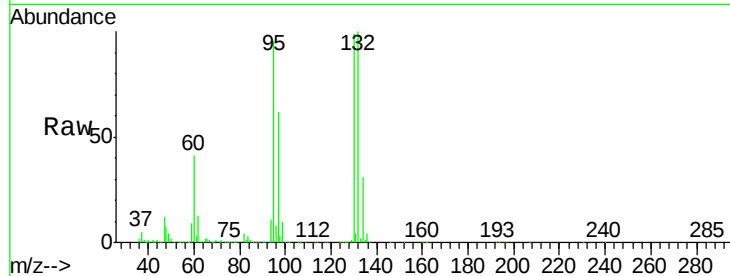
130 100

95 96.9 73.7 110.5

Manual Integrations
APPROVED

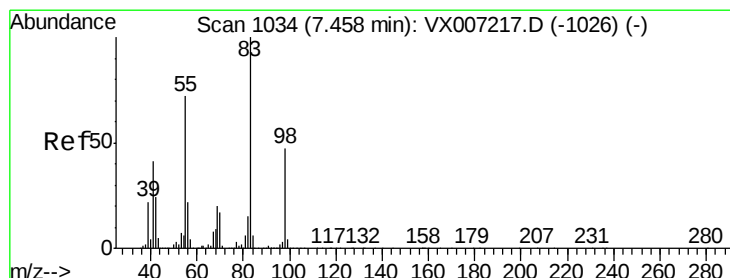
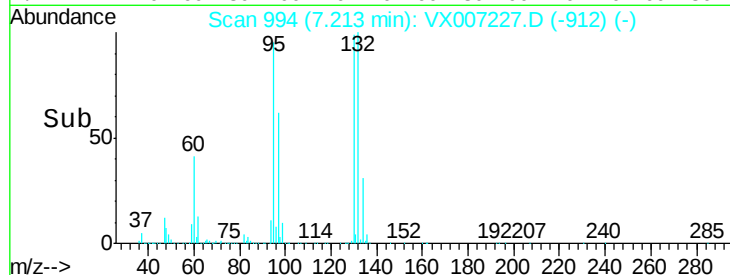
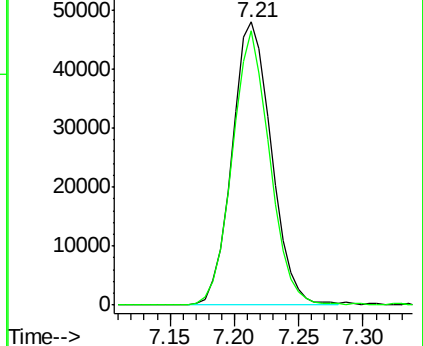
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.684 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

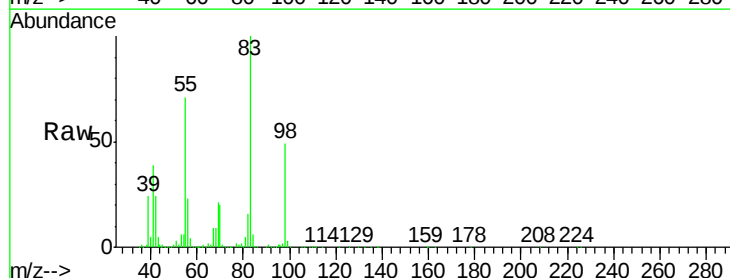
Tgt Ion: 83 Resp: 140454

Ion Ratio Lower Upper

83 100

55 70.8 36.6 109.8

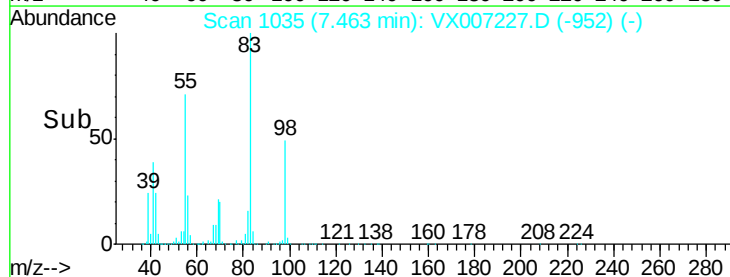
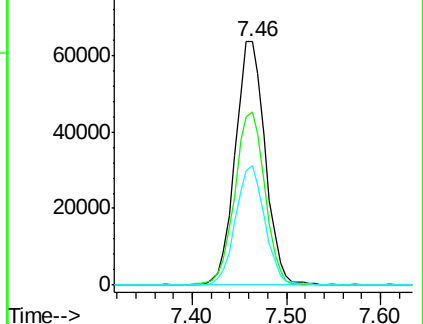
98 47.7 24.1 72.4

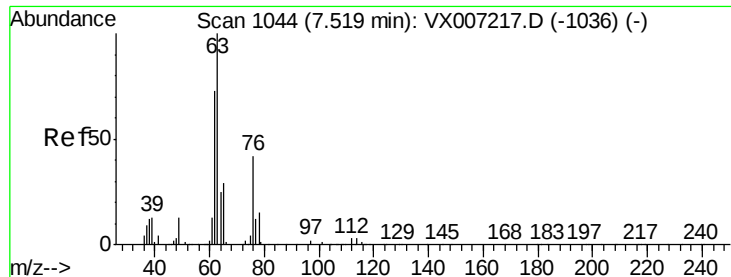


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





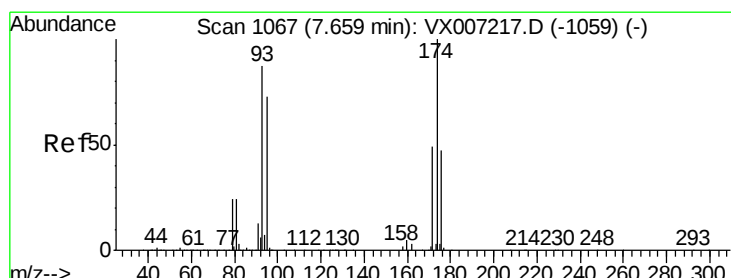
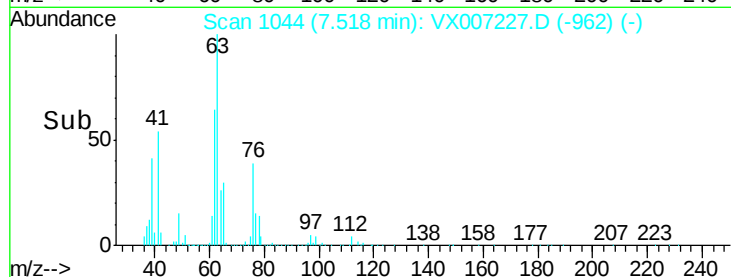
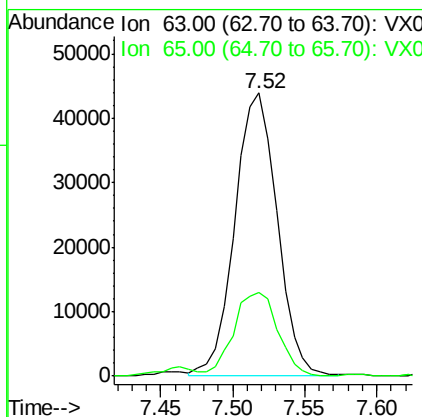
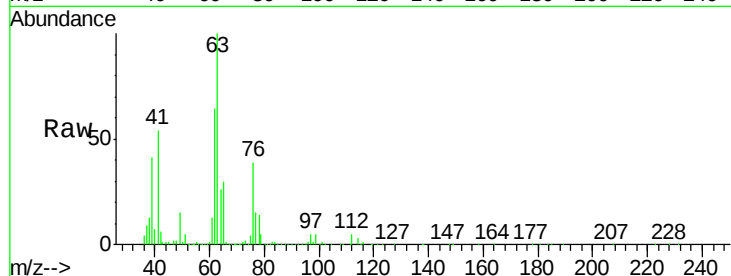
#39
 1,2-Dichloropropane
 Concen: 19.540 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.7	37.1

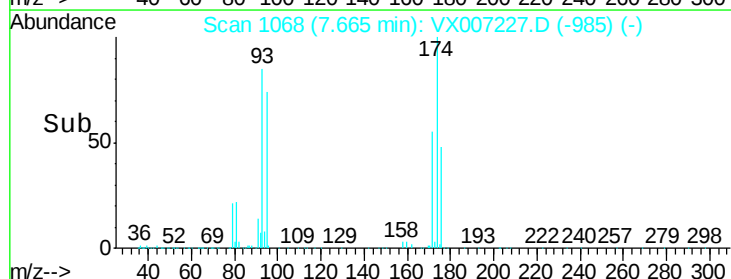
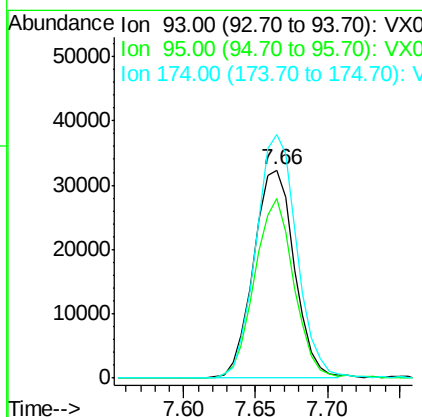
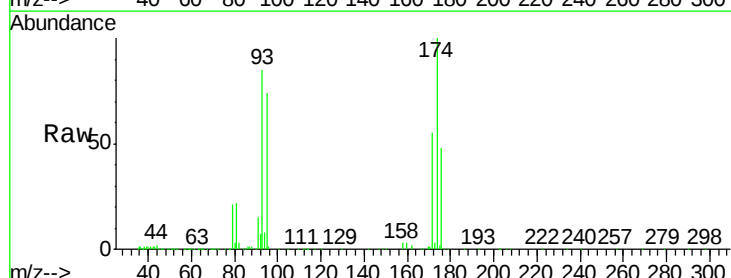
Manual Integrations
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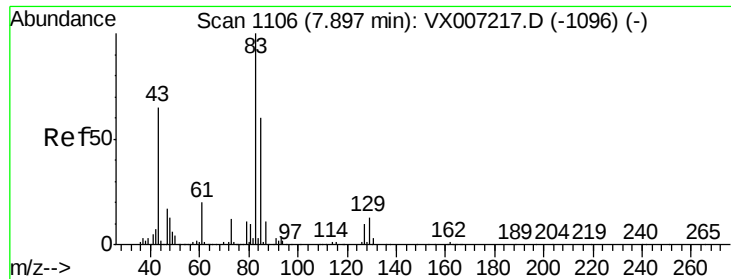
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#40
 Dibromomethane
 Concen: 19.129 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	0.0	172.4
174	117.9	0.0	233.0





#41

Bromodichloromethane

Concen: 18.425 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

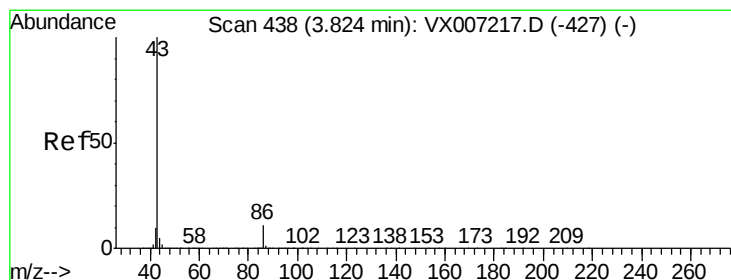
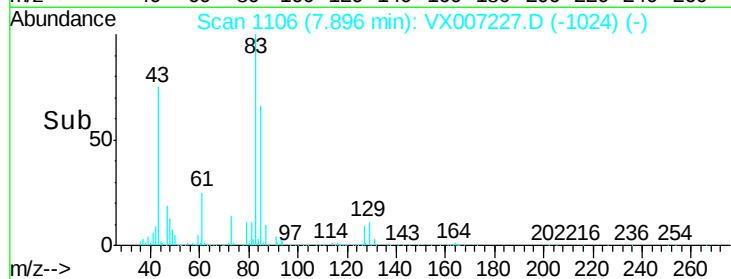
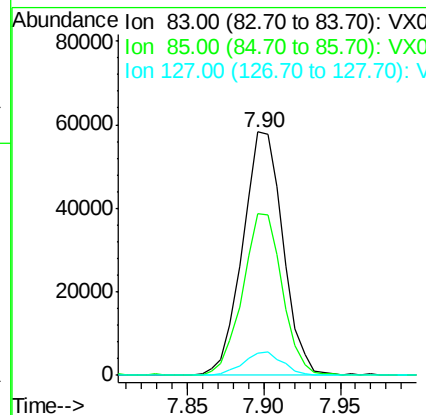
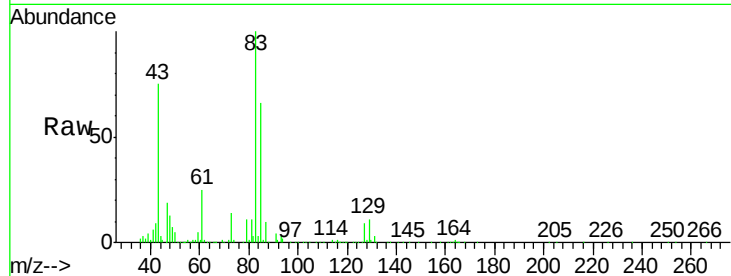
ClientSampleId :

VX0125WBSD01

Tot Ion:	83	Resp:	106876
Ion	Ratio	Lower	Upper
83	100		
85	66.4	48.2	72.2
127	9.1	8.3	12.5

Manual Integrations
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1/28/2019 12:05:31 PM



#42

Vinyl Acetate

Concen: 93.733 ug/l

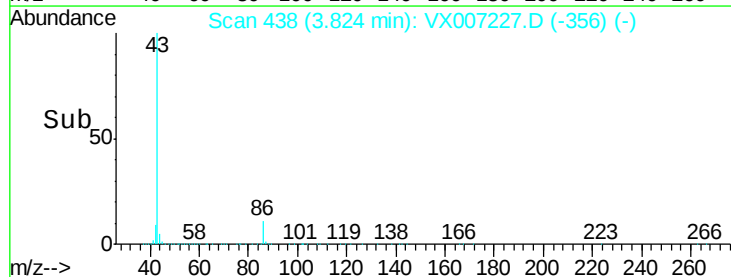
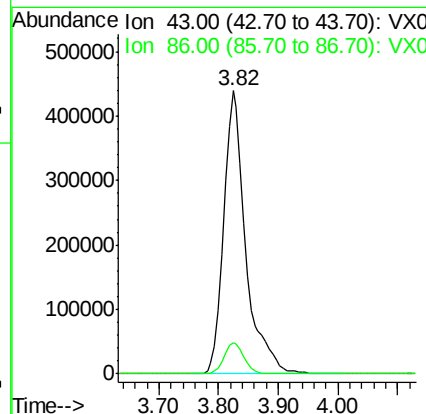
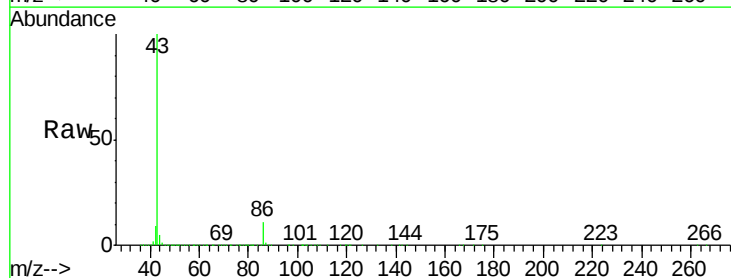
RT: 3.82 min Scan# 438

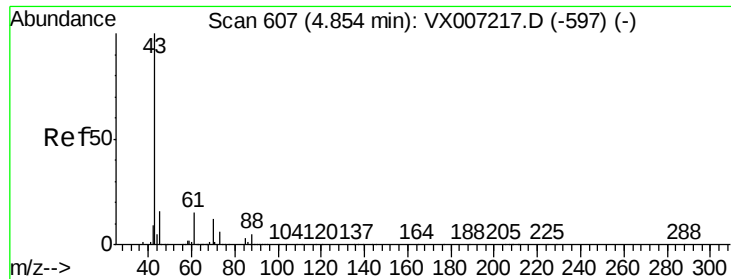
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	43	Resp:	1126361
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0





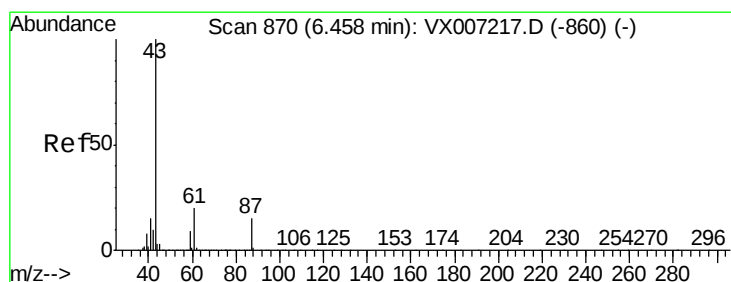
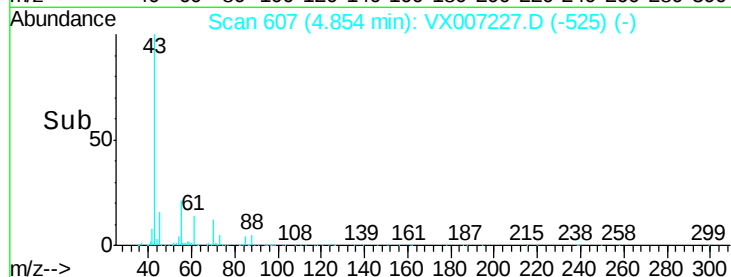
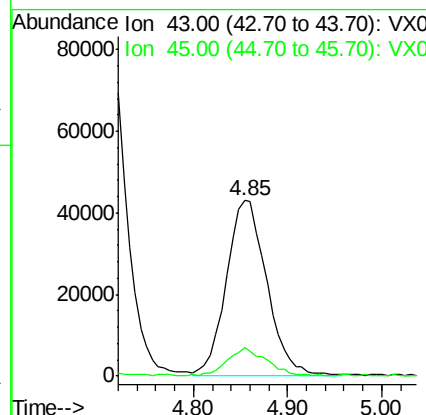
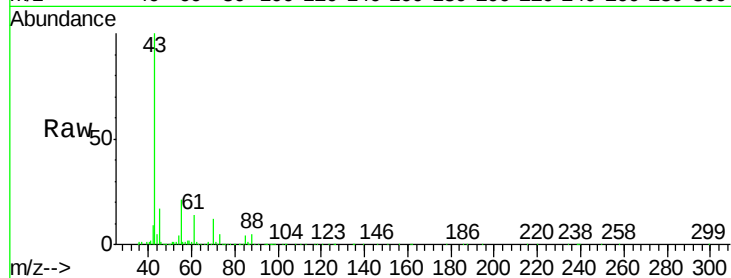
#43
Ethyl Acetate
Concen: 19.328 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	43	Ratio	Lower	Upper
127818	100			
45	14.9	11.7	17.5	

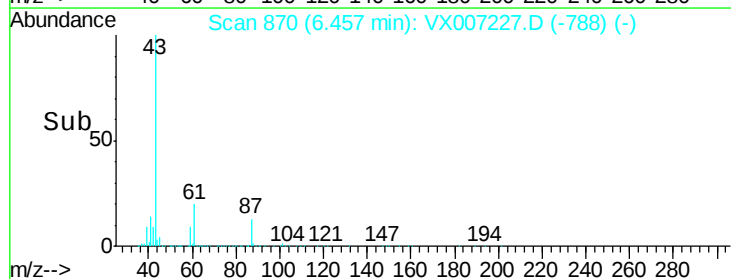
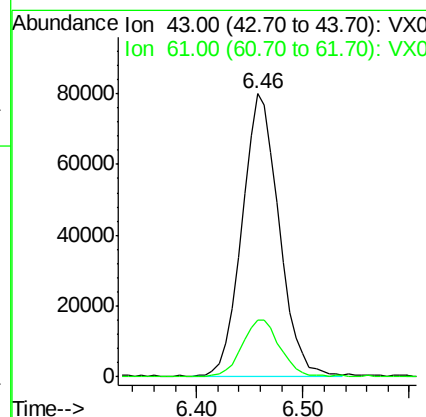
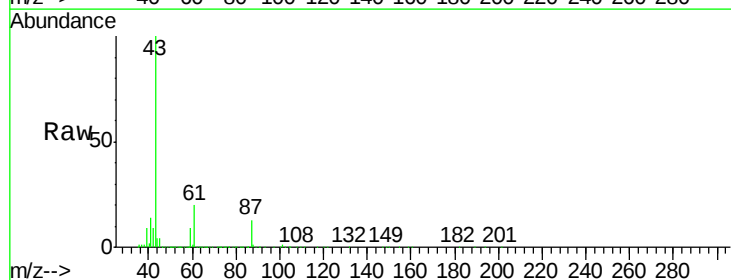
Manual Integrations
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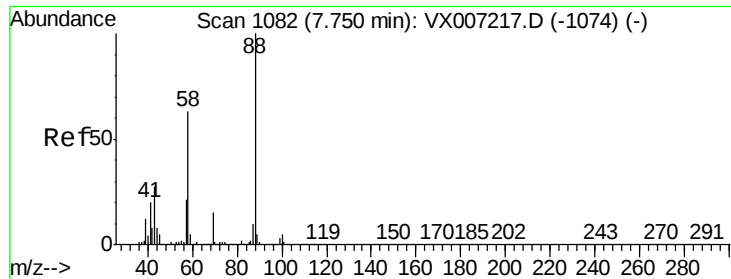
MMDadoda
1/28/2019 12:05:31 PM



#44
Isopropyl Acetate
Concen: 18.802 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	43	Ratio	Lower	Upper
194207	100			
61	20.6	16.8	25.2	





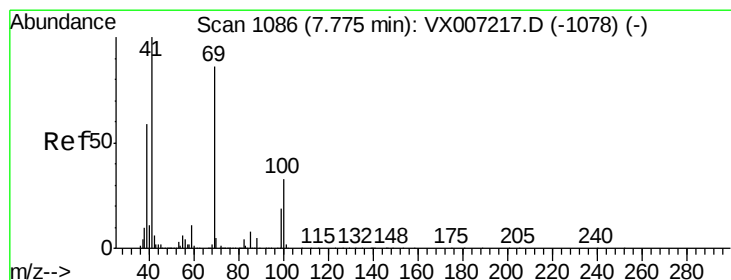
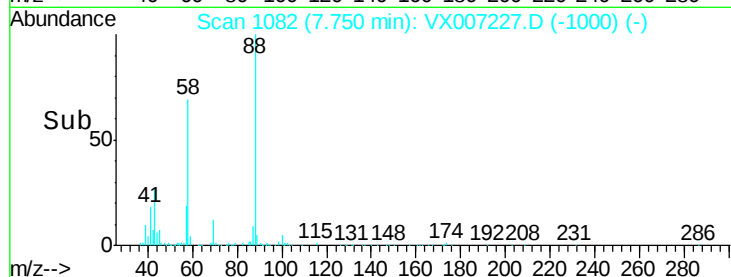
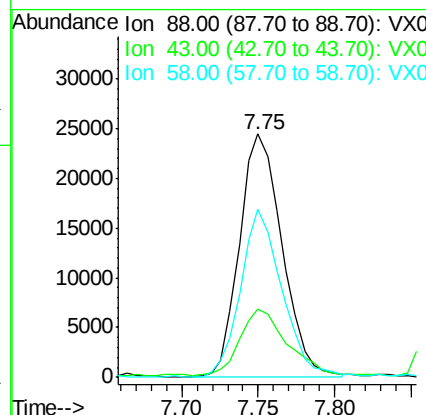
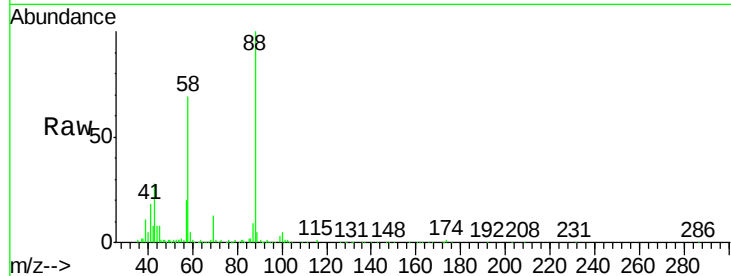
#45
 1,4-Dioxane
 Concen: 379.404 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	23.5	35.3
58	66.8	51.6	77.4

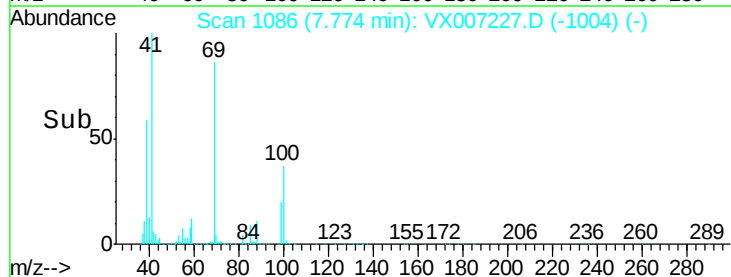
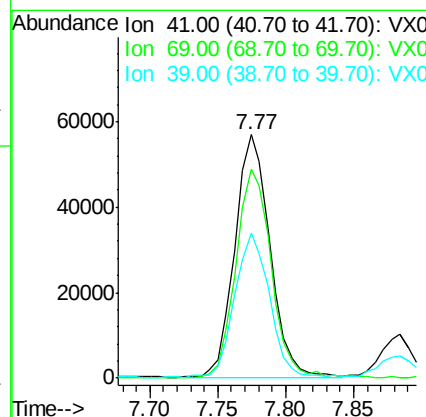
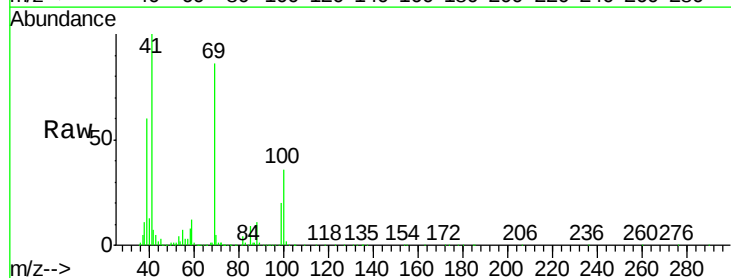
Manual Integrations
 APPROVED

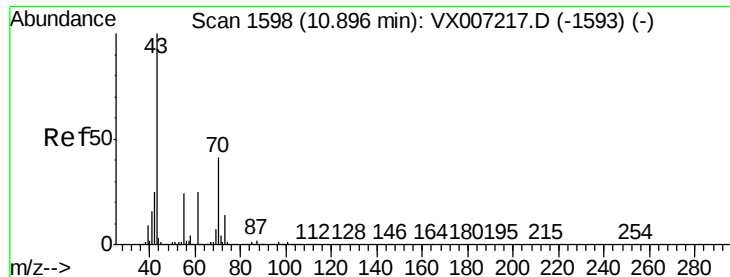
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 1/28/2019 12:05:31 PM



#46
 Methyl methacrylate
 Concen: 19.328 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.4	43.0	129.2
39	59.2	29.4	88.2





#47

n-amvl Acetate

Concen: 19.045 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 43 Resp: 172965

Ion Ratio Lower Upper

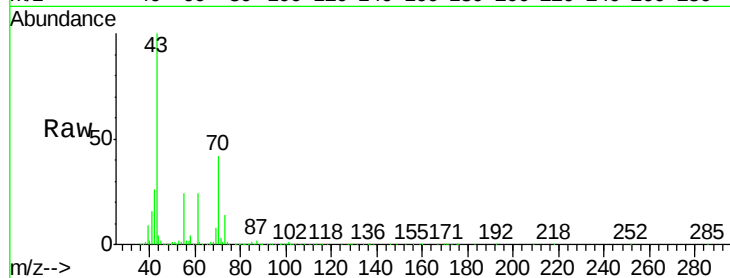
43 100

55 25.5 19.9 29.9

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

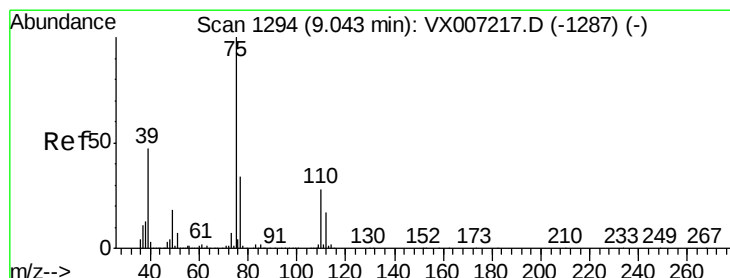
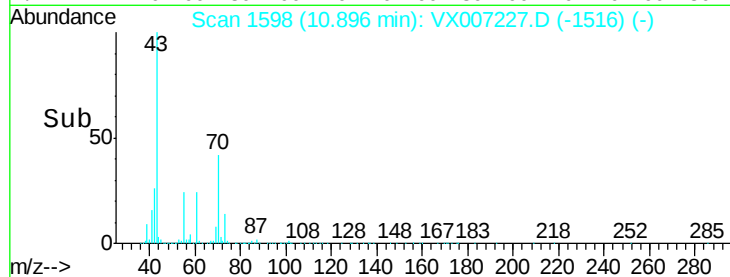
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.465 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007227.D

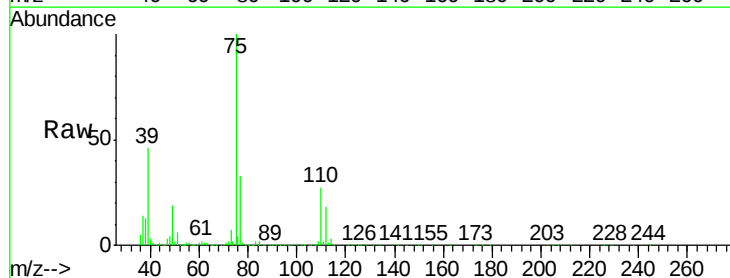
Acq: 25 Jan 2019 14:06

Tgt Ion: 75 Resp: 110492

Ion Ratio Lower Upper

75 100

77 32.6 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

80000

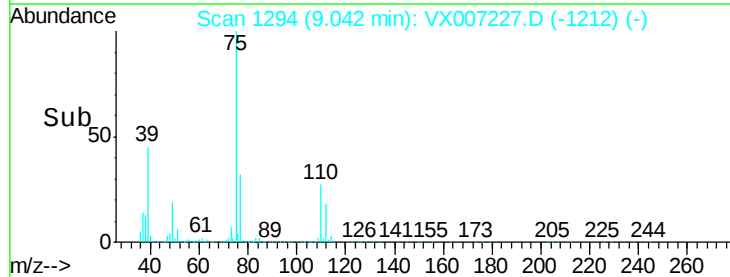
60000

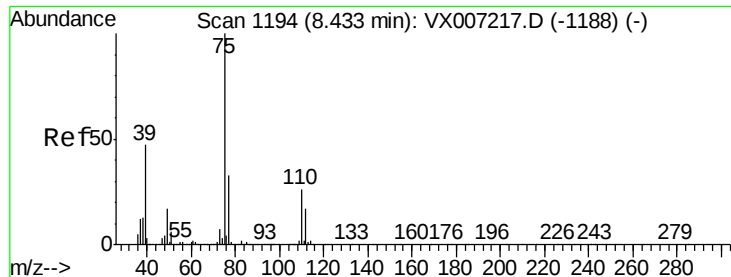
40000

20000

0

Time-->





#49

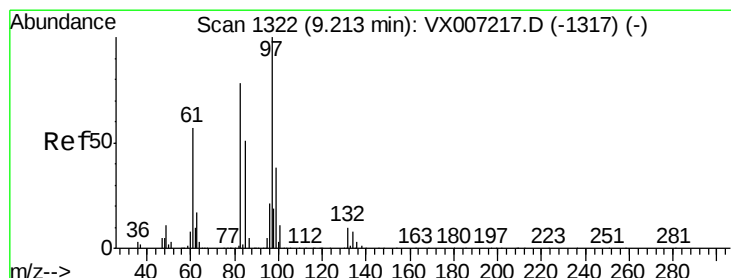
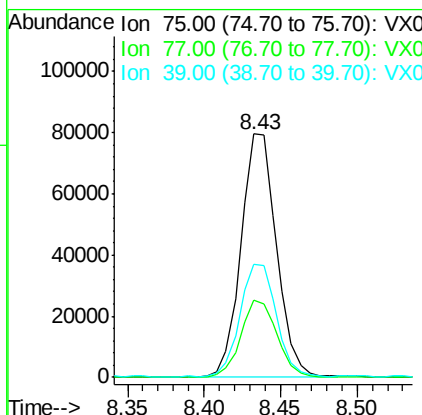
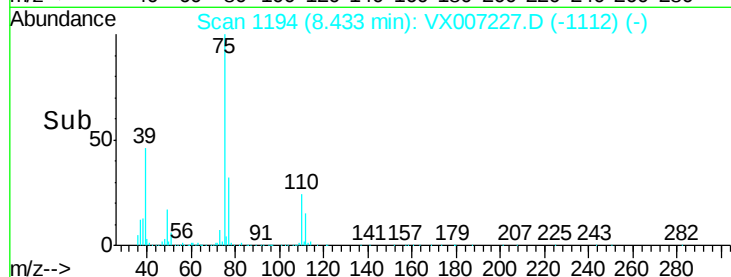
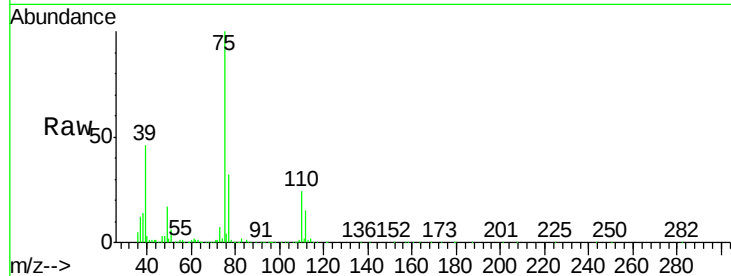
cis-1,3-Dichloropropene
 Concen: 18.292 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion:	75	Resp:	128559
Ion Ratio	Lower	Upper	
75	100		
77	31.6	26.2	39.4
39	46.0	37.2	55.8

Manual Integrations
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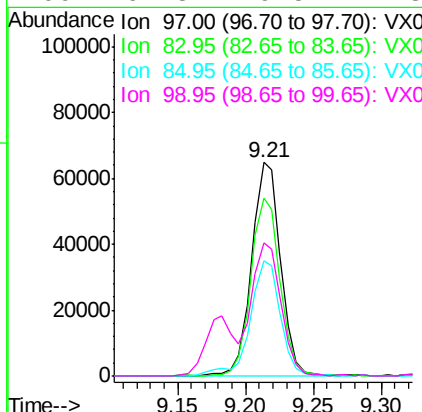
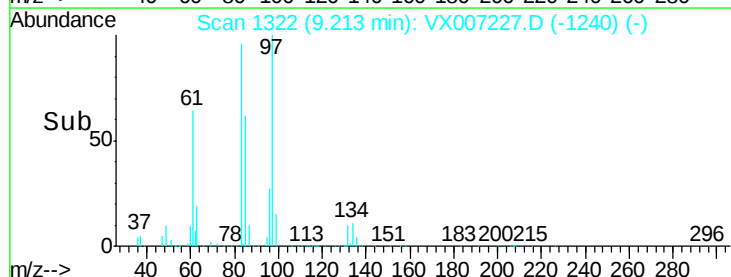
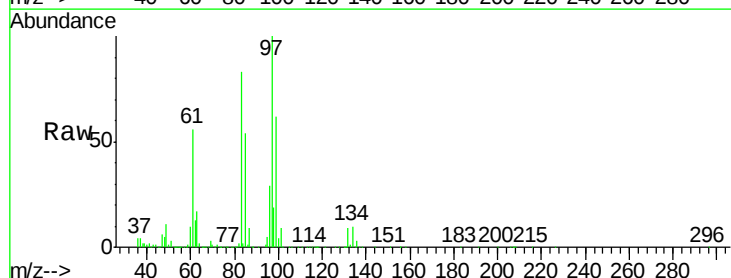
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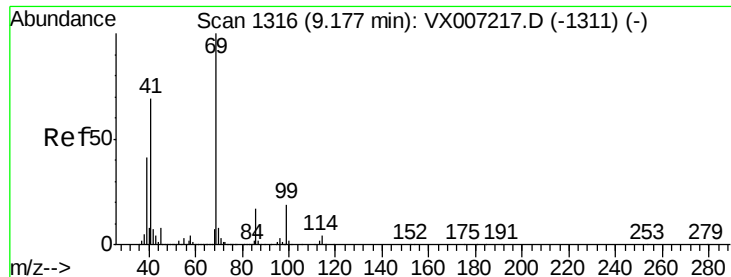


#50

1,1,2-Trichloroethane
 Concen: 19.611 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion:	97	Resp:	97283
Ion Ratio	Lower	Upper	
97	100		
83	83.0	62.5	93.7
85	54.0	41.8	62.6
99	61.8	49.5	74.3





#51

Ethyl methacrylate

Concen: 19.536 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

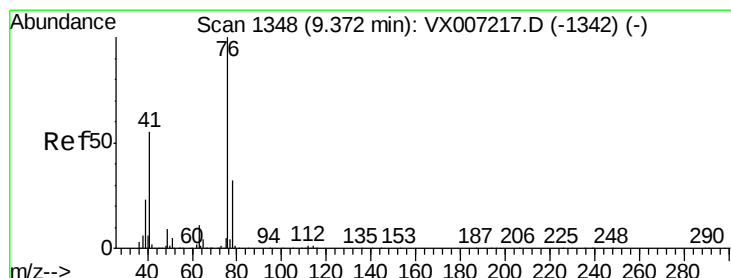
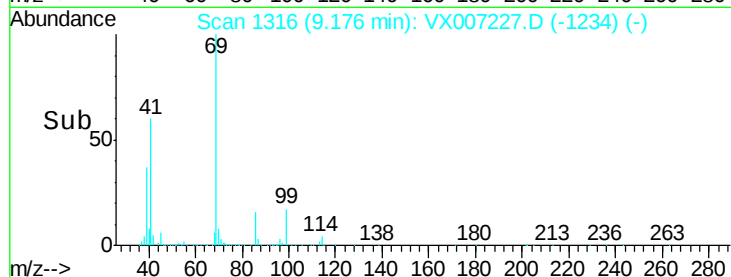
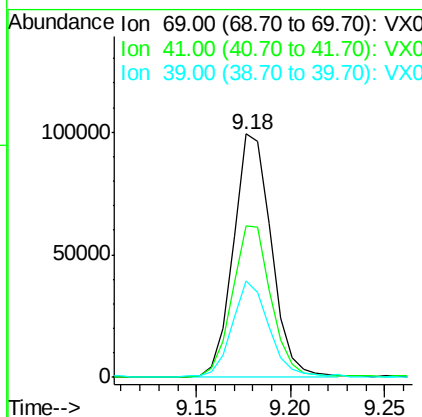
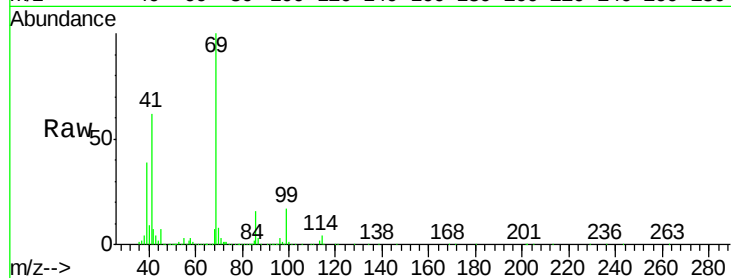
ClientSampleId :

VX0125WBSD01

Tot Ion:	69	Resp:	138472
Ion Ratio	Lower	Upper	
69	100		
41	62.4	34.2	102.6
39	38.6	20.3	60.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.190 ug/l

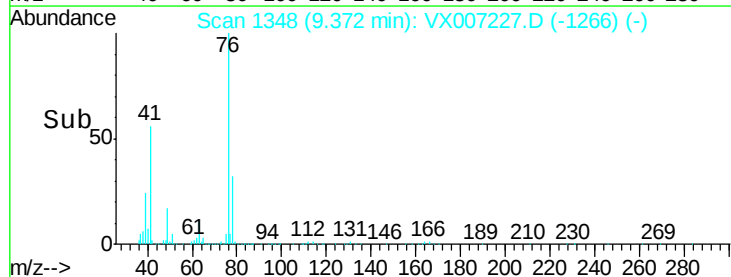
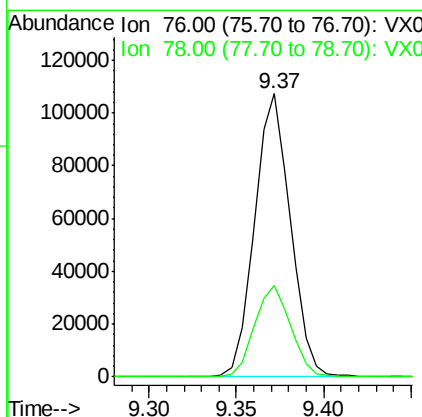
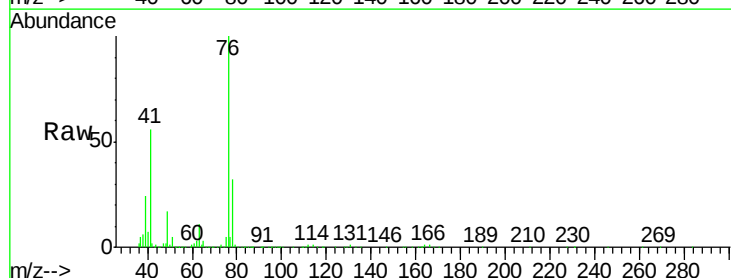
RT: 9.37 min Scan# 1348

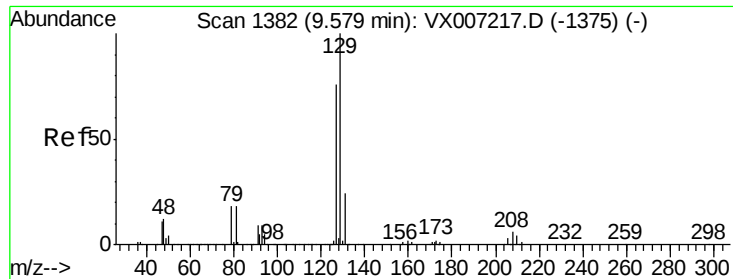
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	76	Resp:	152433
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	66.2





#53

Dibromochloromethane

Concen: 18.155 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion:129 Resp: 91024

Ion Ratio Lower Upper

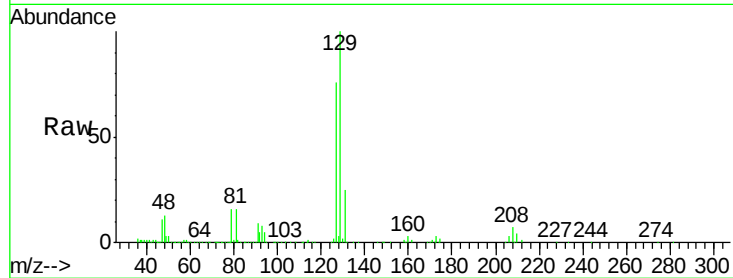
129 100

127 78.4 37.7 113.1

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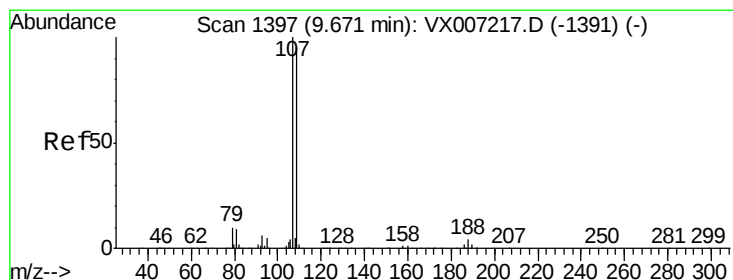
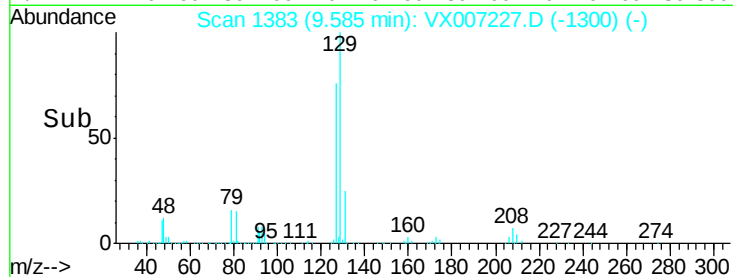
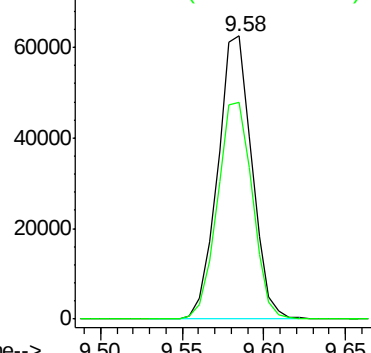
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.445 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007227.D

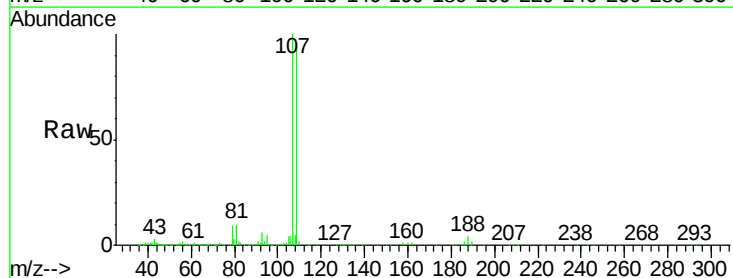
Acq: 25 Jan 2019 14:06

Tgt Ion:107 Resp: 103844

Ion Ratio Lower Upper

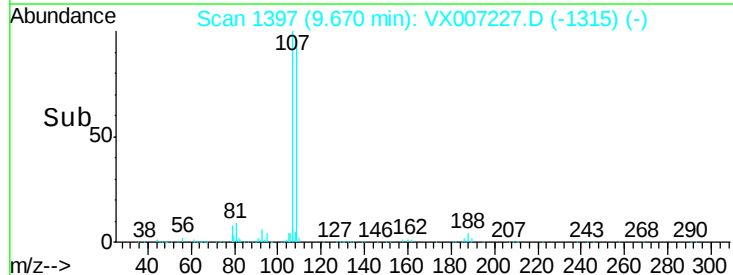
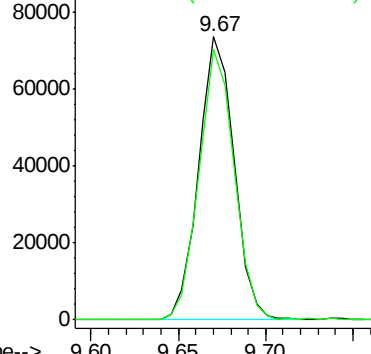
107 100

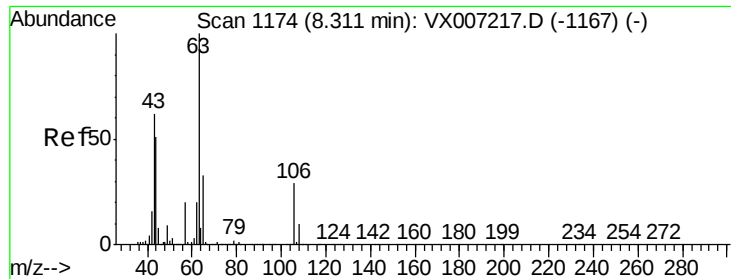
109 94.5 75.5 113.3



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: 100.777 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

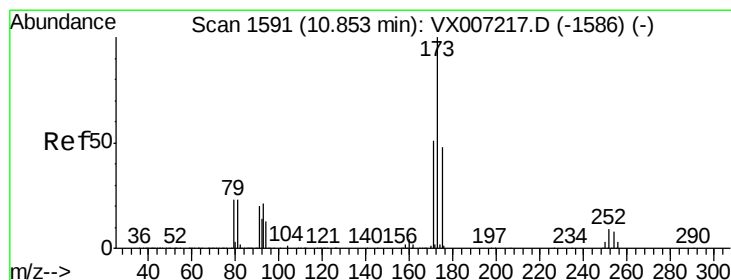
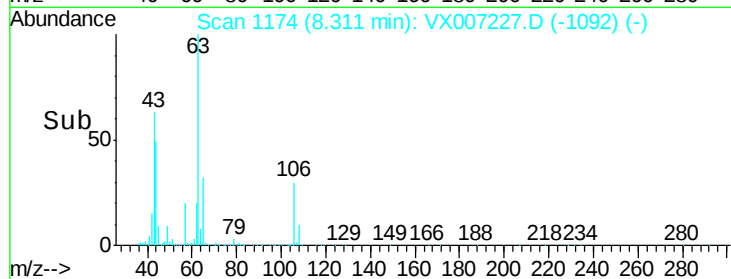
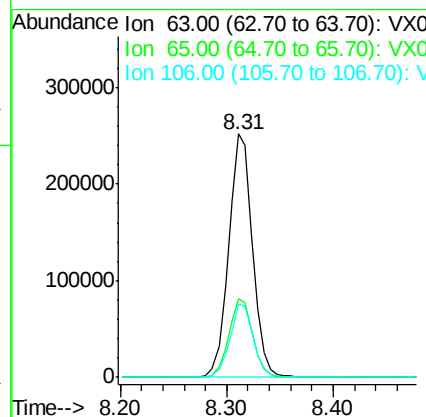
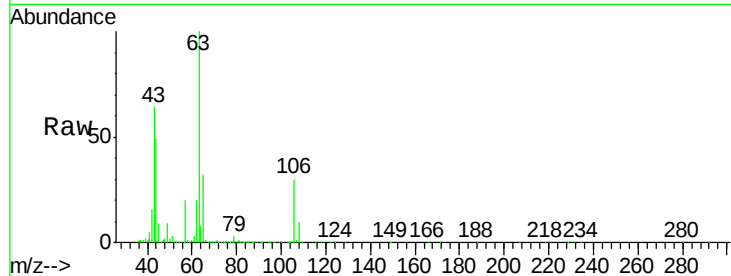
ClientSampleId :

VX0125WBSD01

Tot Ion:	63	Resp:	392960
Ion Ratio	Lower	Upper	
63	100		
65	32.1	25.9	38.9
106	29.9	23.8	35.8

Manual Integrations
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#56

Bromoform

Concen: 17.020 ug/l

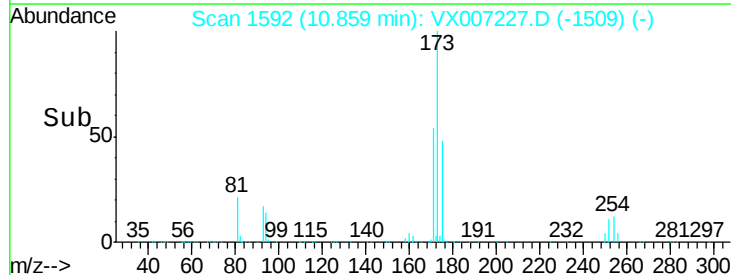
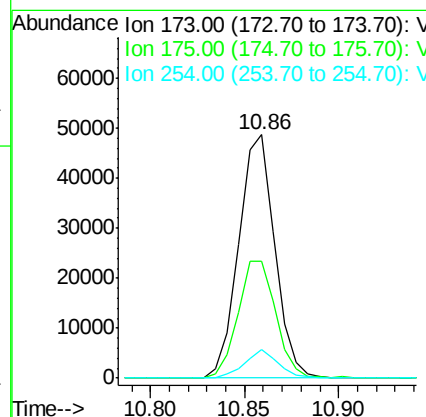
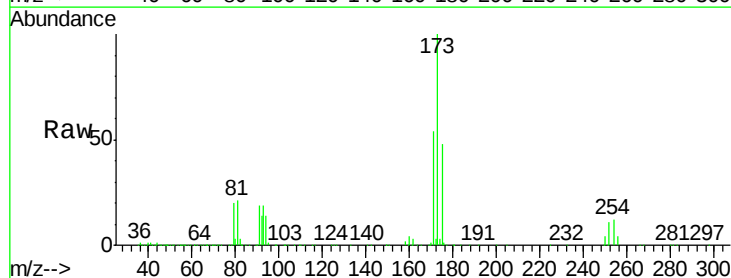
RT: 10.86 min Scan# 1592

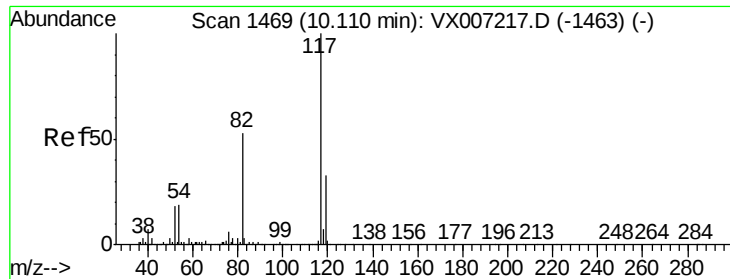
Delta R.T. 0.01 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	173	Resp:	64795
Ion Ratio	Lower	Upper	
173	100		
175	50.5	38.9	58.3
254	10.9	8.5	12.7





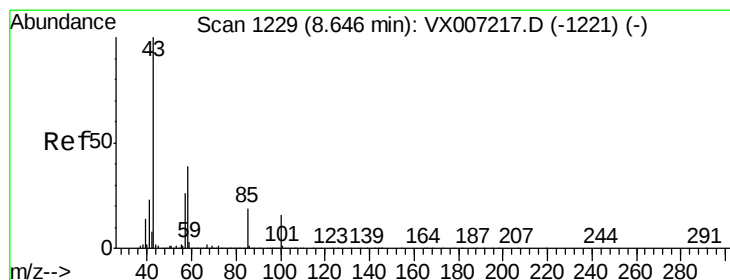
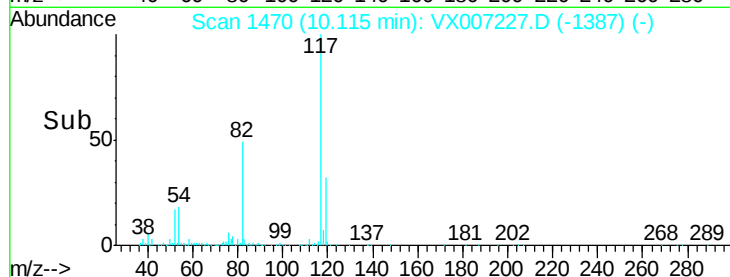
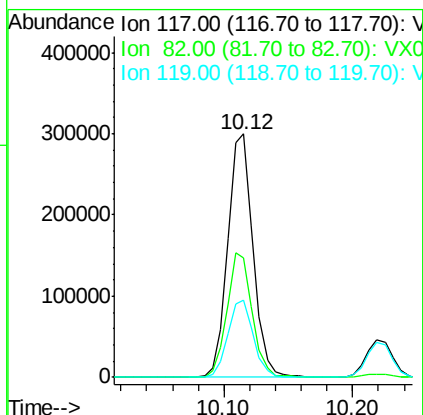
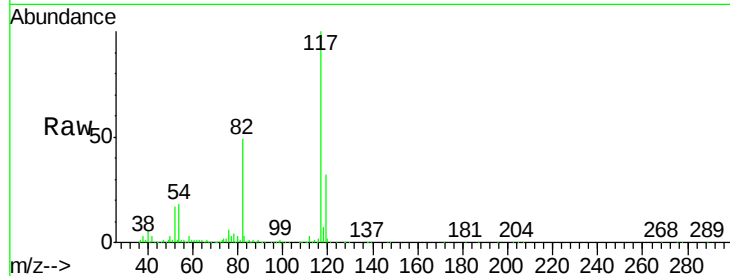
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.4	62.0
119	32.2	25.7	38.5

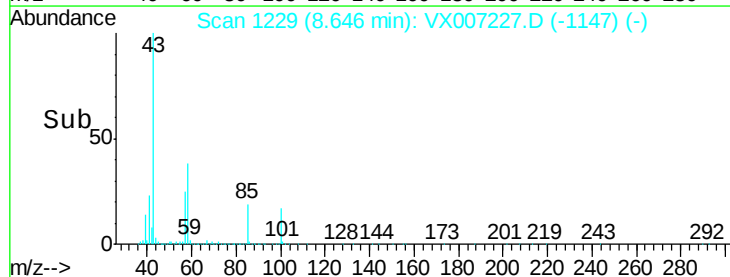
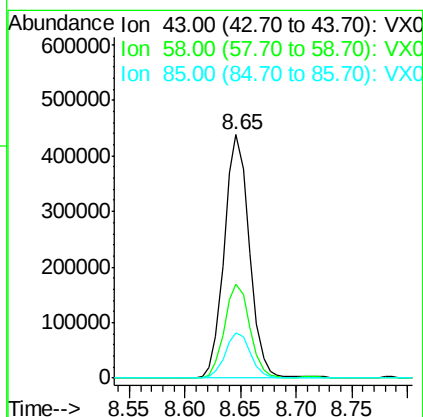
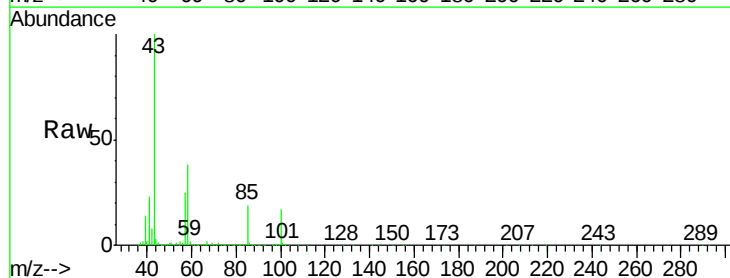
Manual Integrations
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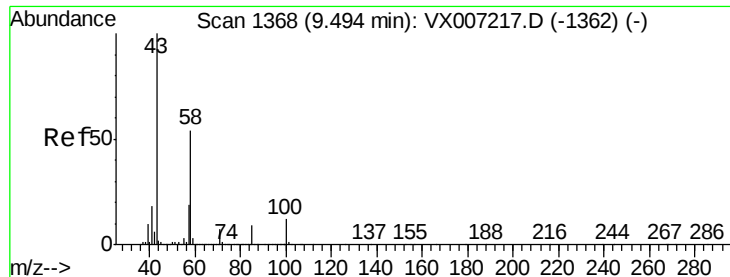
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#58
4-Methyl-2-Pentanone
Concen: 99.031 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.6	47.4
85	18.7	14.9	22.3





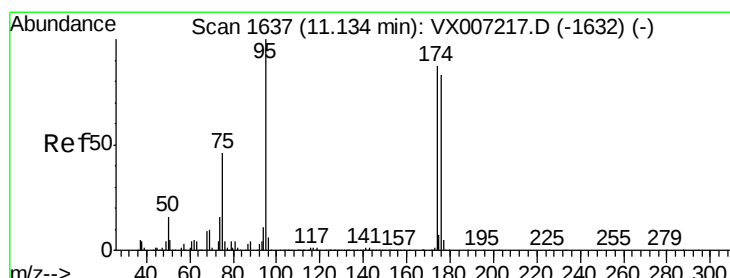
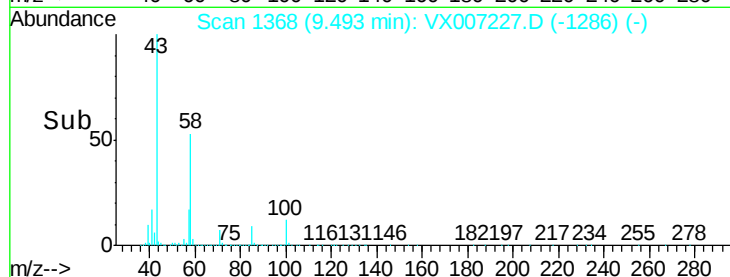
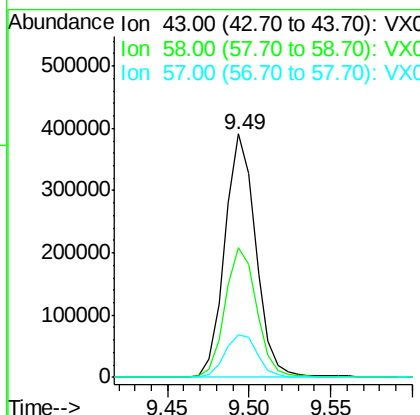
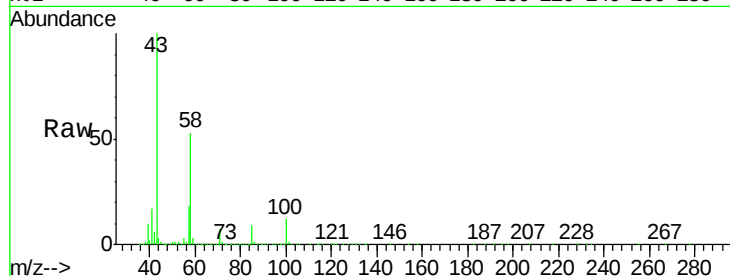
#59
2-Hexanone
Concen: 95.904 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	42.8	64.2
57	18.2	14.8	22.2

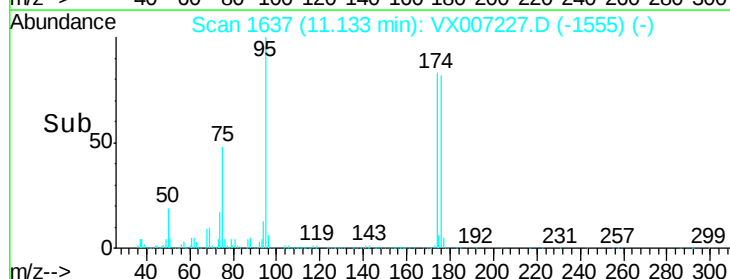
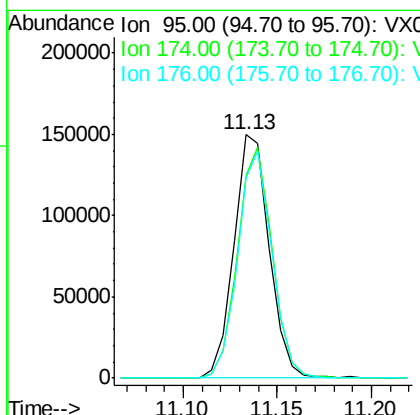
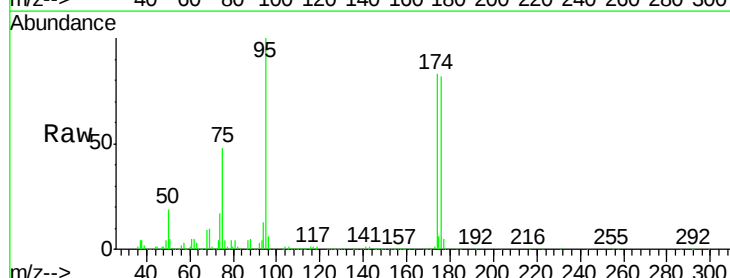
Manual Integrations
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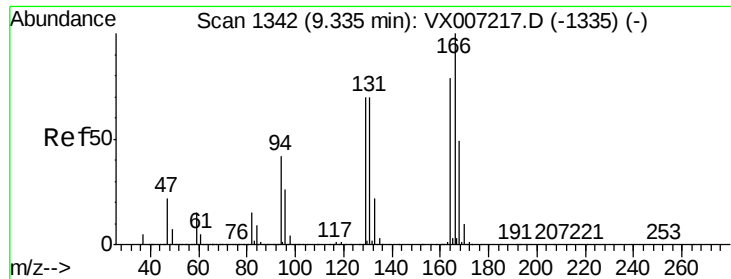
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.339 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	74.8	112.2
176	90.6	72.5	108.7





#61

Tetrachloroethene

Concen: 19.291 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion:164 Resp: 111688

Ion Ratio Lower Upper

164 100

166 127.0 101.6 152.4

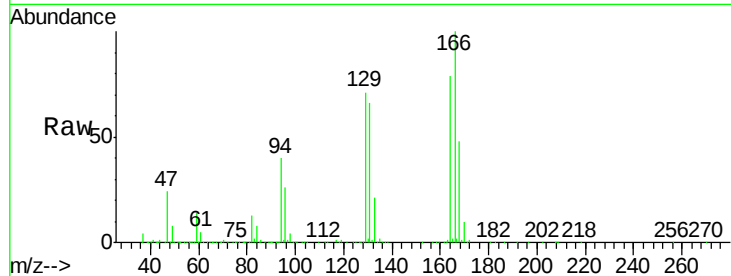
129 90.5 70.6 106.0

131 83.5 71.1 106.7

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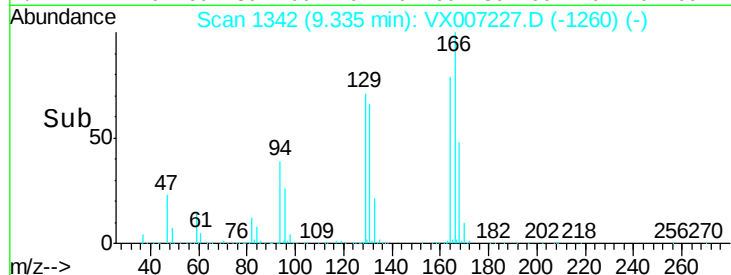


Abundance Ion 163.85 (163.55 to 164.55): V

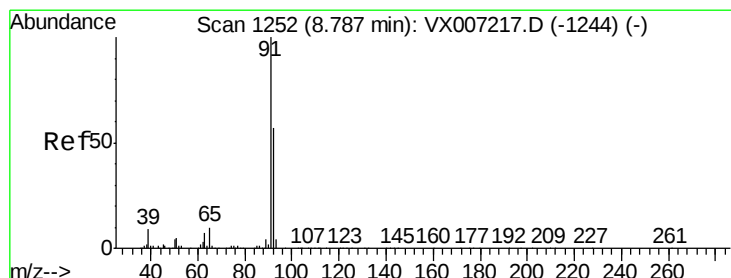
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time--> 9.25 9.30 9.35 9.40



#62

Toluene

Concen: 19.149 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007227.D

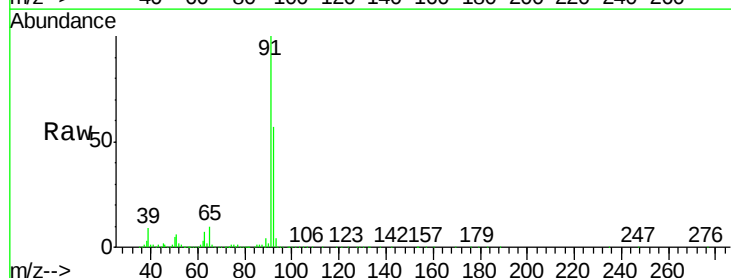
Acq: 25 Jan 2019 14:06

Tgt Ion: 91 Resp: 400361

Ion Ratio Lower Upper

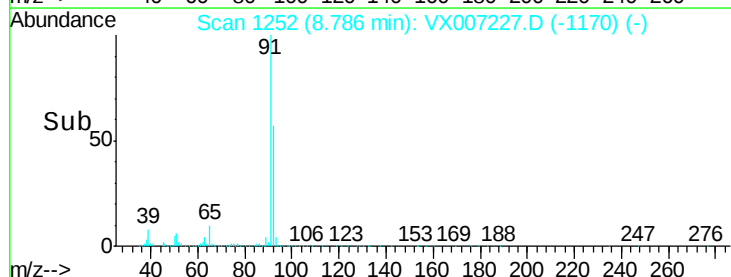
91 100

92 57.5 46.0 69.0

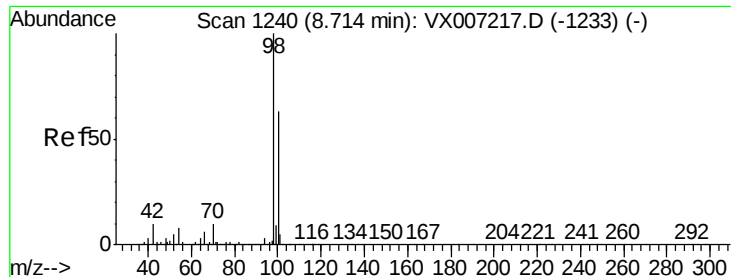


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time--> 8.70 8.75 8.80 8.85



#63

Toluene-d8

Concen: 29.530 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 98 Resp: 552872

Ion Ratio Lower Upper

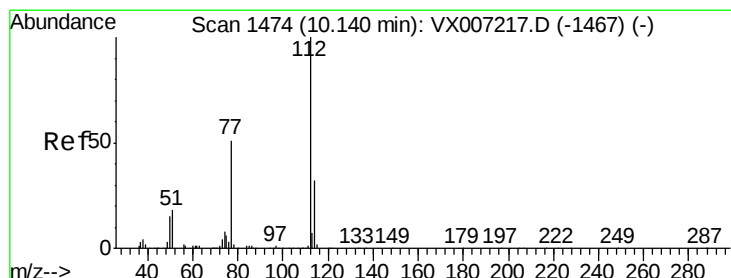
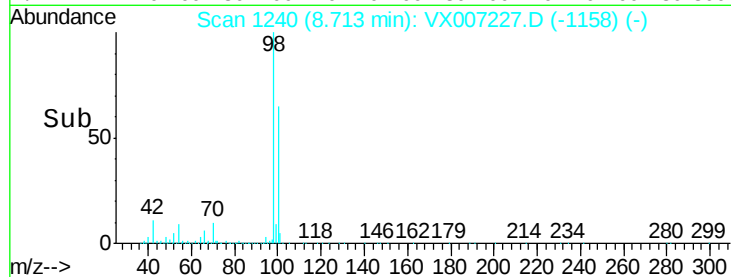
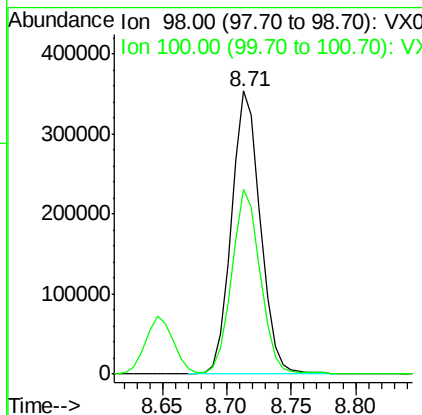
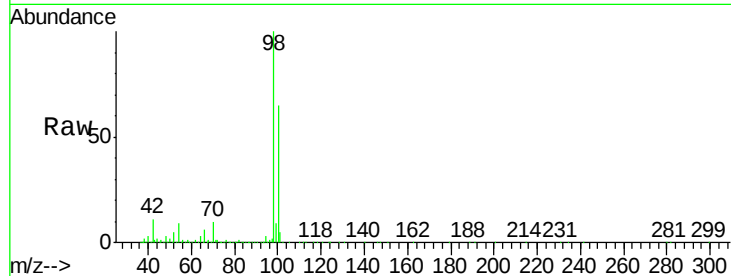
98 100

100 63.3 49.9 74.9

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#64

Chlorobenzene

Concen: 19.524 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007227.D

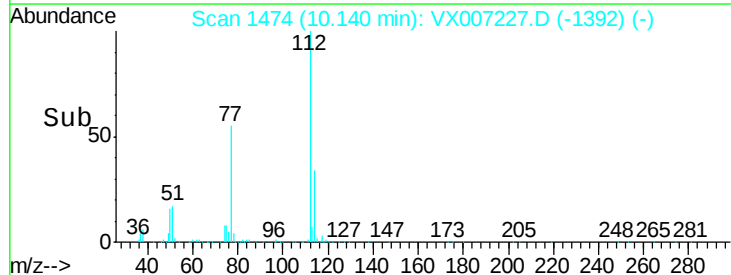
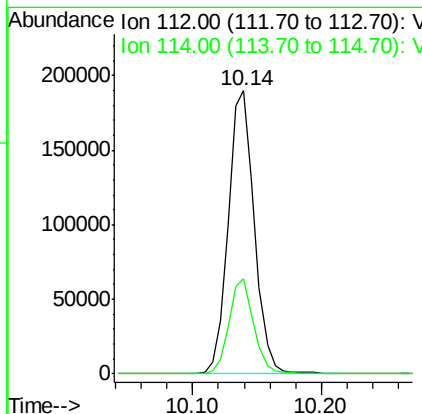
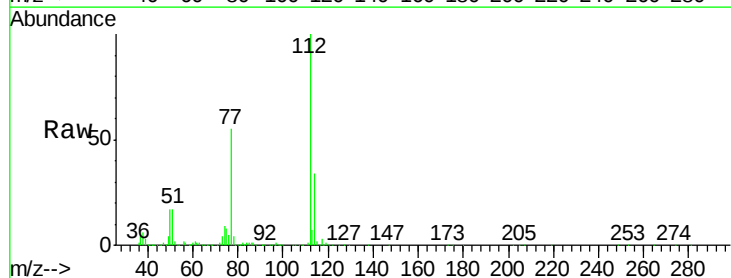
Acq: 25 Jan 2019 14:06

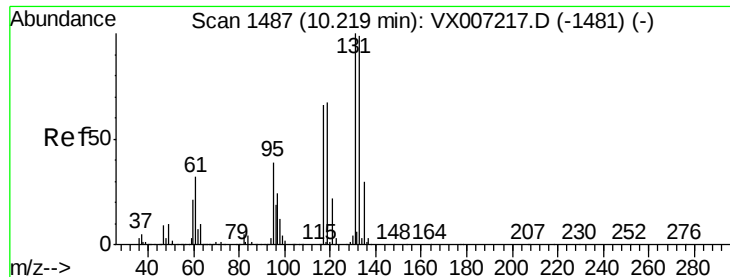
Tgt Ion: 112 Resp: 269280

Ion Ratio Lower Upper

112 100

114 33.7 25.4 38.0





#65

1,1,1,2-Tetrachloroethane

Concen: 18.936 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

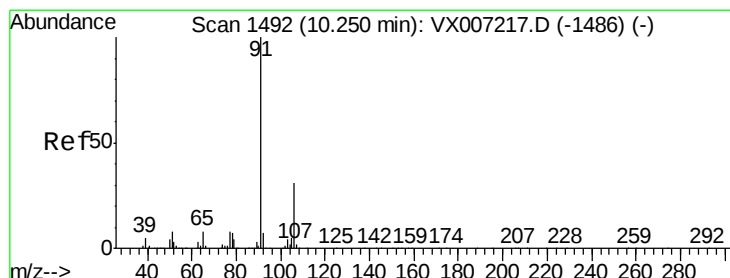
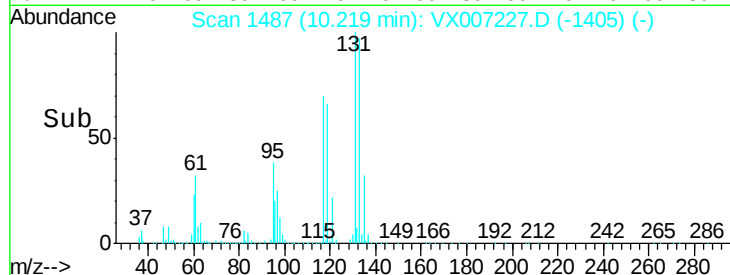
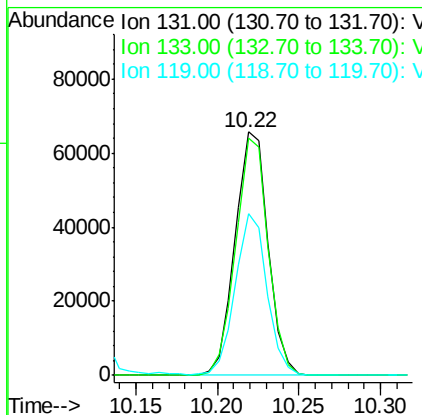
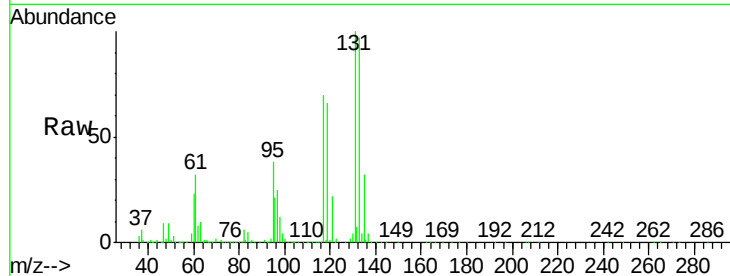
ClientSampleId :

VX0125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	92509		
133	95.9		0.0	196.4
119	64.0		0.0	134.4

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#66

Ethyl Benzene

Concen: 19.321 ug/l

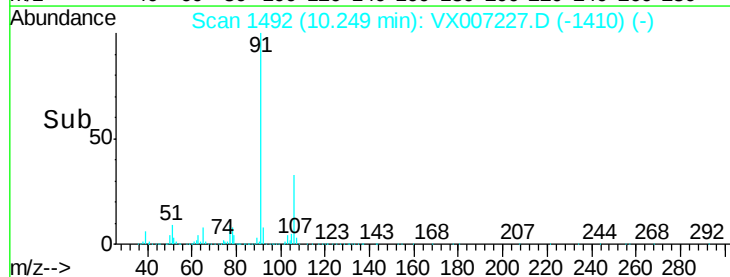
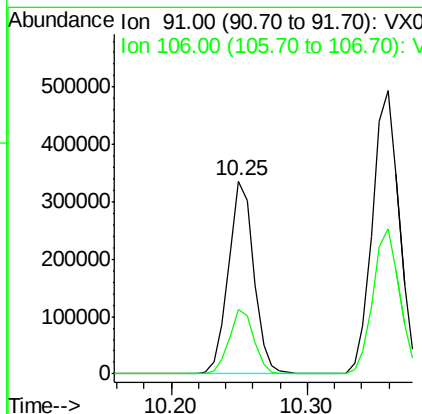
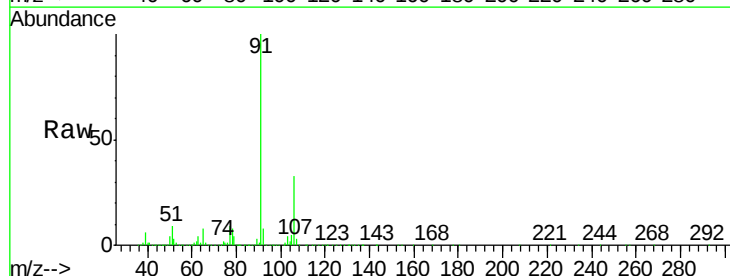
RT: 10.25 min Scan# 1492

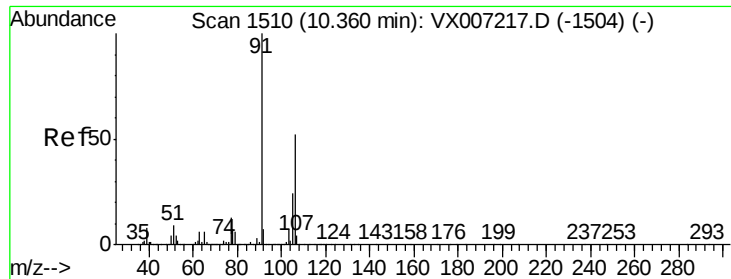
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	437669		
106	33.4		25.1	37.7





#67

m/p-Xvlenes

Concen: 38.680 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion:106 Resp: 346024

Ion Ratio Lower Upper

106 100

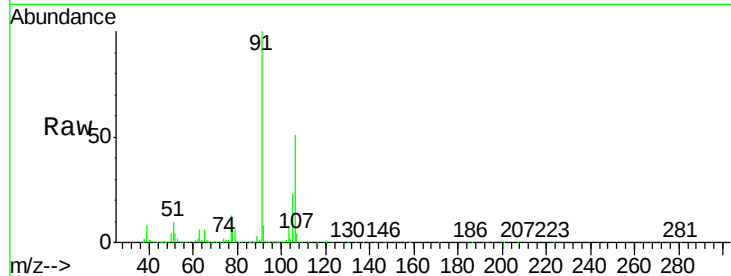
91 195.5 157.6 236.4

Manual Integrations

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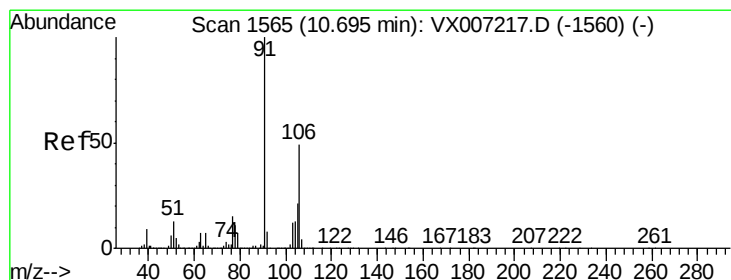
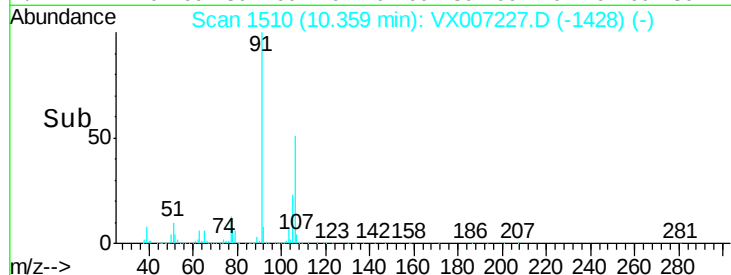
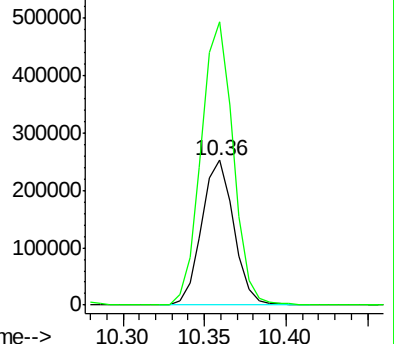
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.450 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007227.D

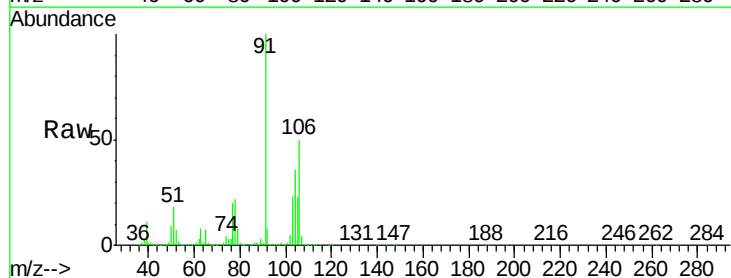
Acq: 25 Jan 2019 14:06

Tgt Ion:106 Resp: 170447

Ion Ratio Lower Upper

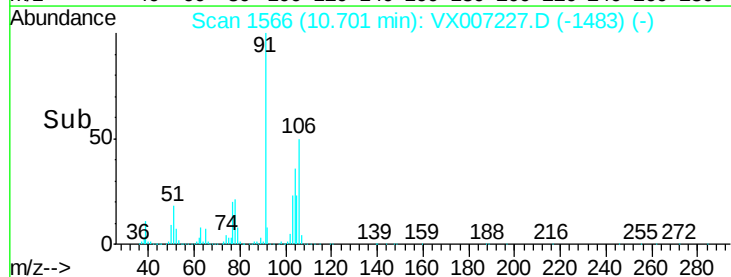
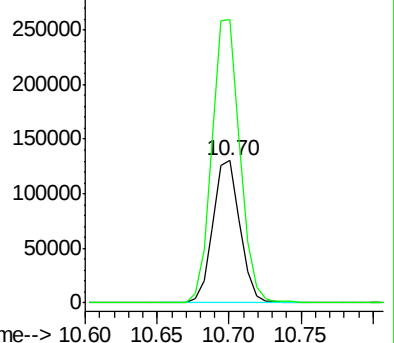
106 100

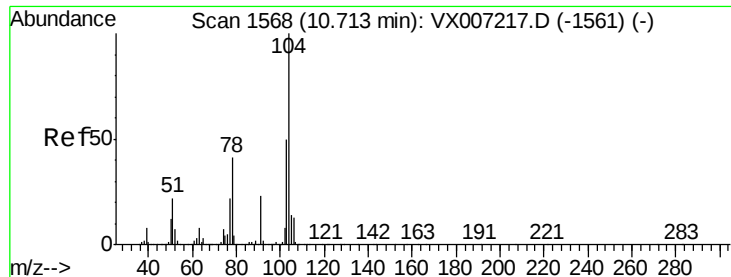
91 203.6 103.6 310.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





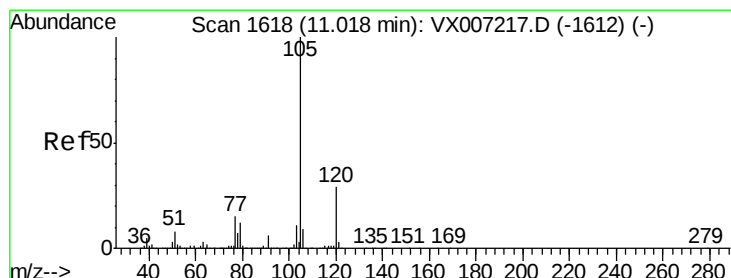
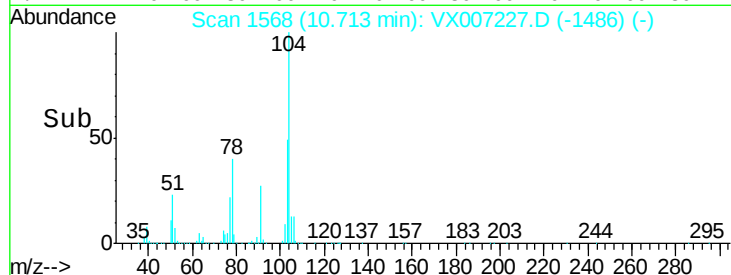
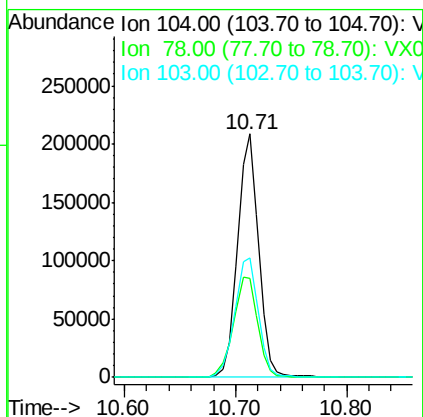
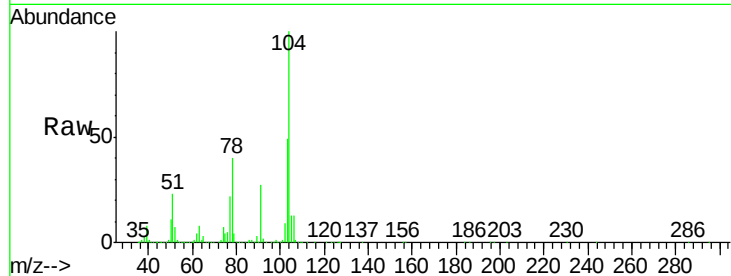
#69
Stvrene
Concen: 19.335 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.8	56.8
103	55.1	45.3	67.9

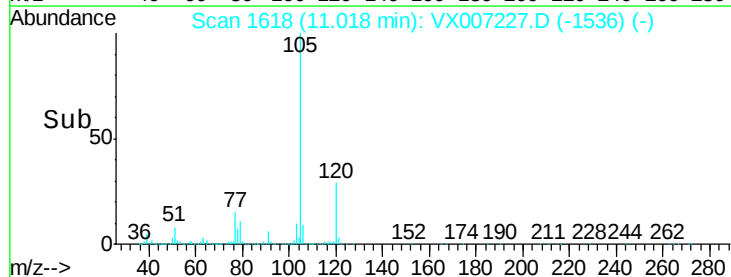
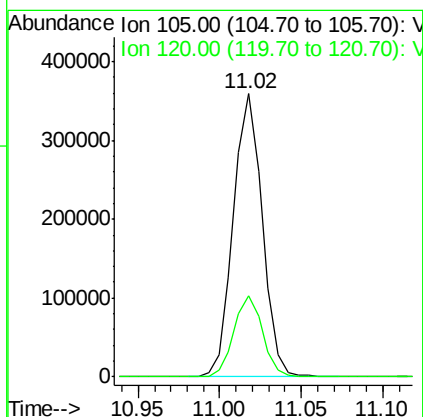
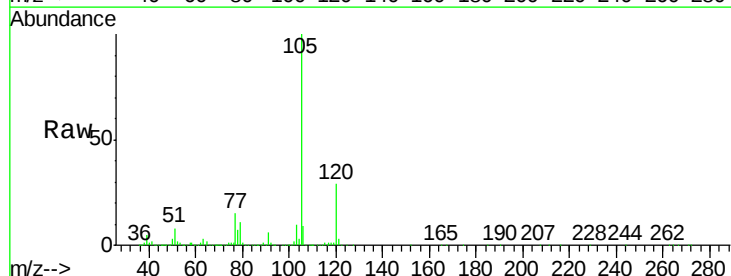
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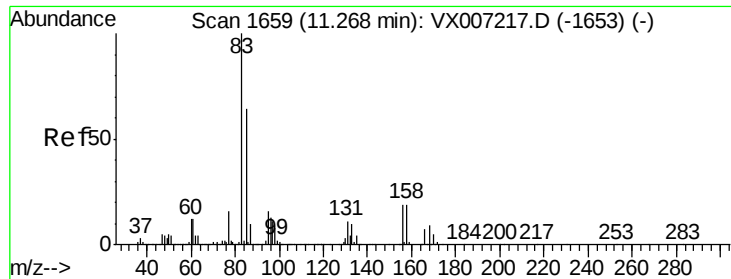
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#70
Isopropylbenzene
Concen: 19.154 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.1	19.9	36.9





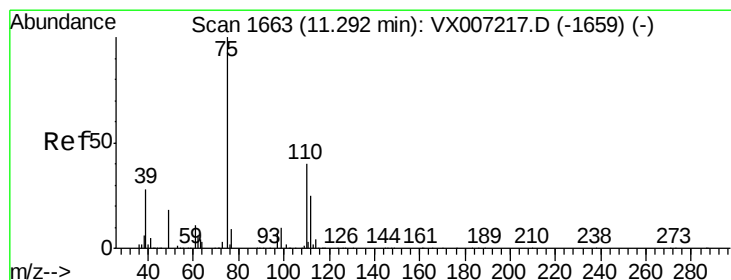
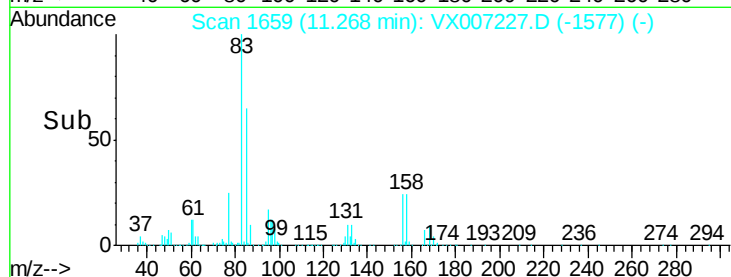
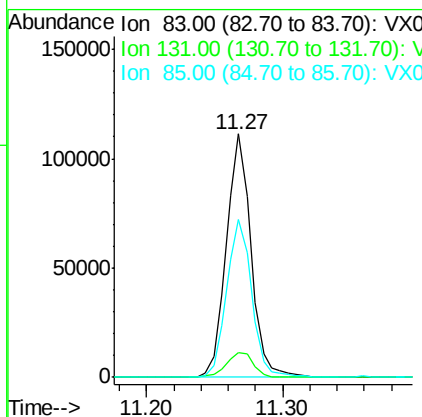
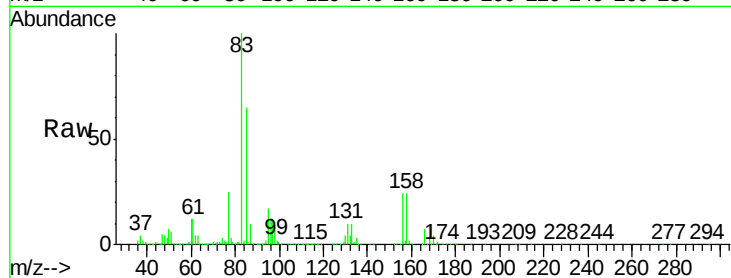
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.866 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.9
85	66.1	31.8	95.3

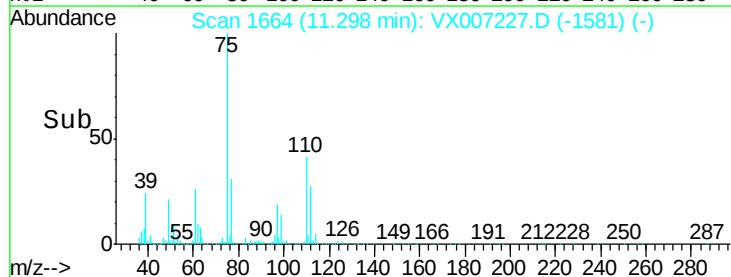
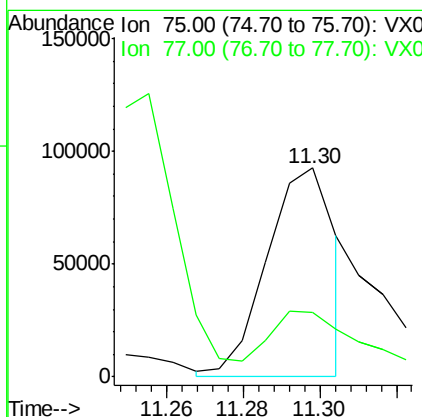
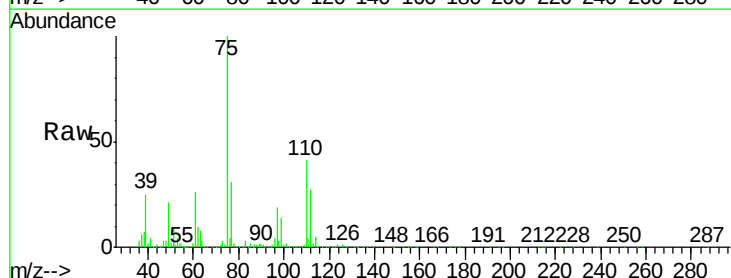
Manual Integrations
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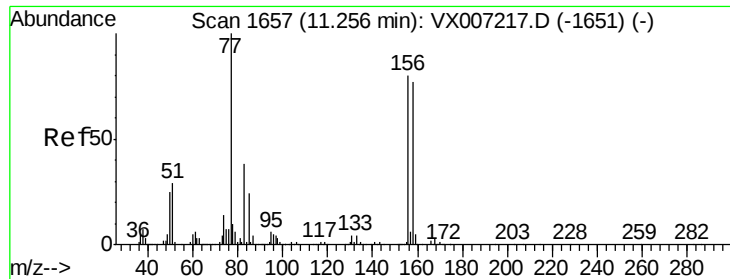
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 16.333 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.8	0.0	73.2





#73

Bromobenzene

Concen: 19.045 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

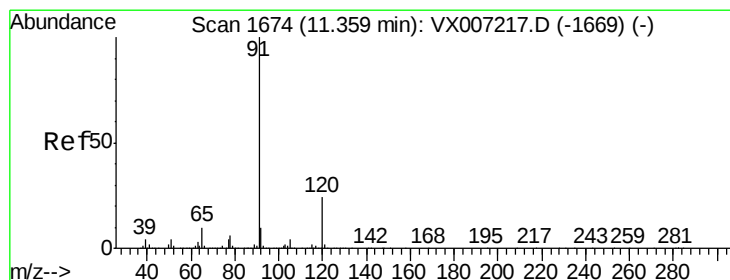
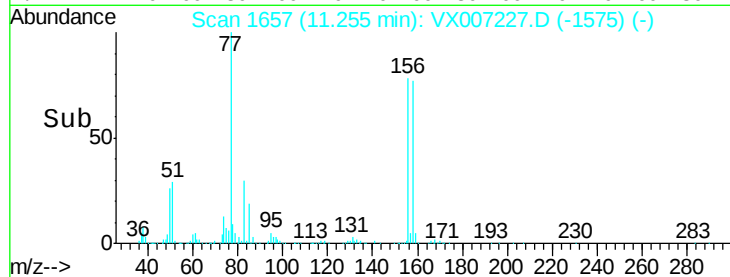
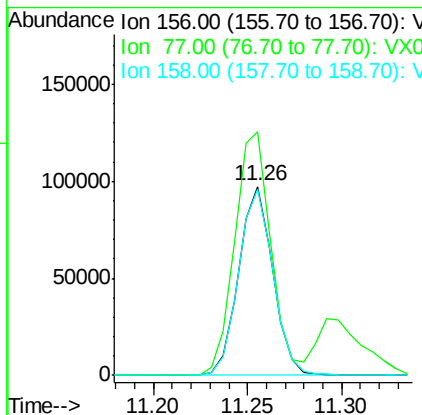
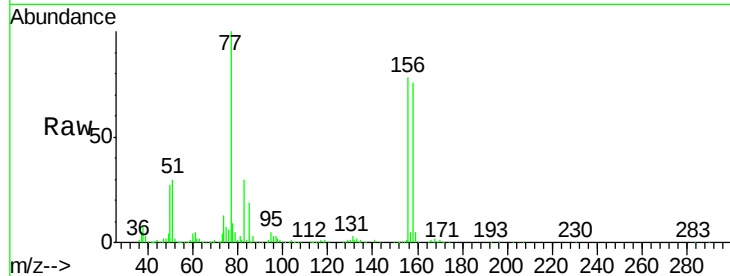
ClientSampleId :

VX0125WBSD01

Tot Ion:	156	Resp:	122291
Ion Ratio	Lower	Upper	
156	100		
77	136.6	0.0	267.0
158	99.5	0.0	194.6

Manual Integrations
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#74

n-propylbenzene

Concen: 19.352 ug/l

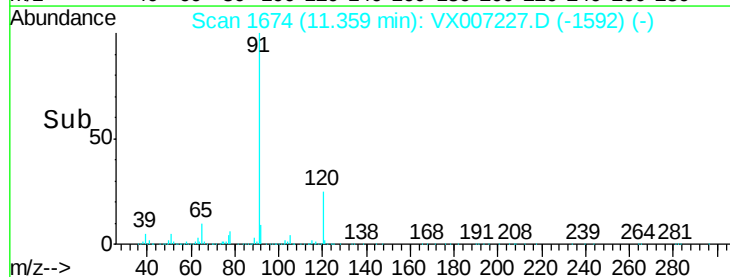
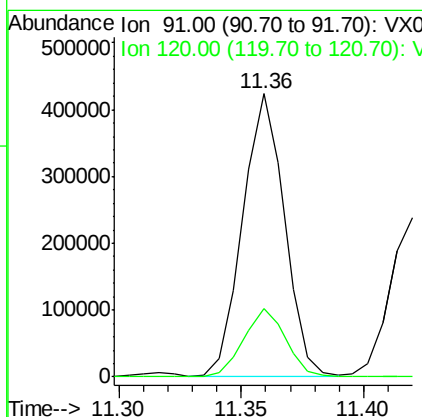
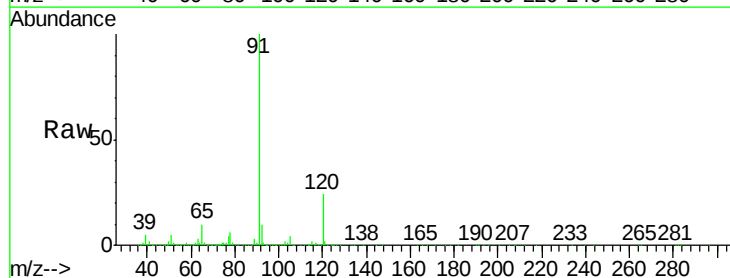
RT: 11.36 min Scan# 1674

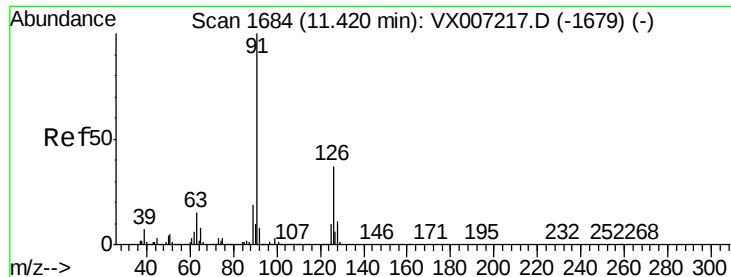
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	91	Resp:	505278
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.0





#75

2-Chlorotoluene

Concen: 19.298 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBSD01

Tot Ion: 91 Resp: 298809

Ion Ratio Lower Upper

91 100

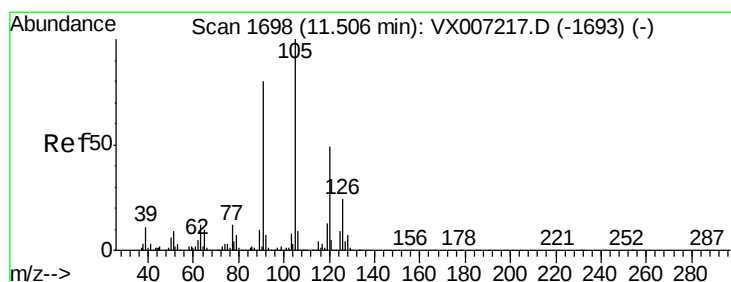
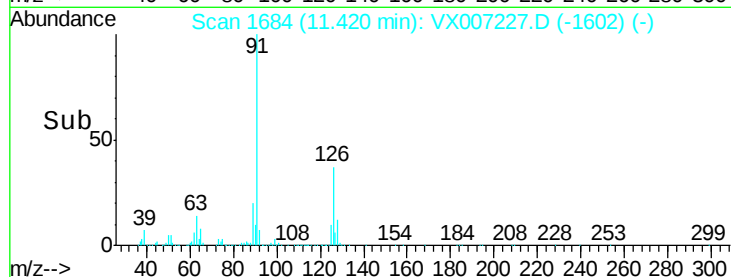
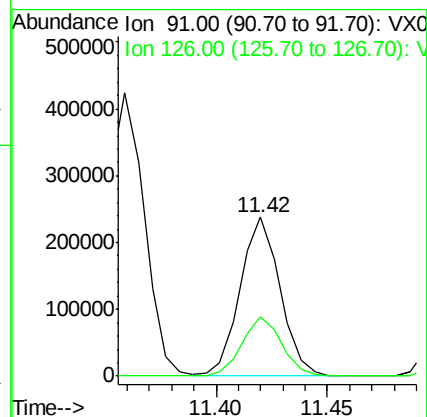
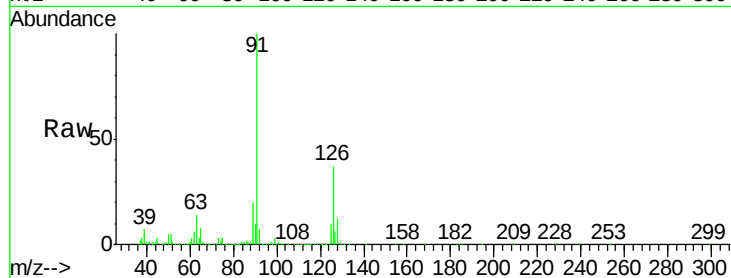
126 37.2 0.0 72.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.047 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007227.D

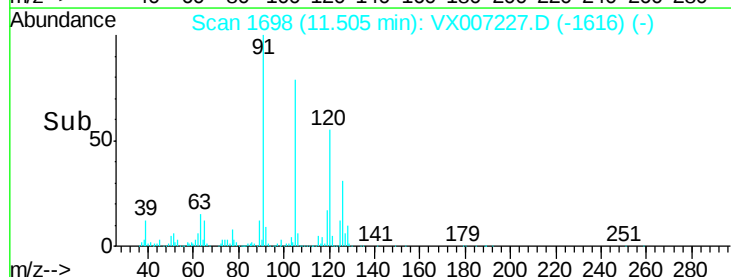
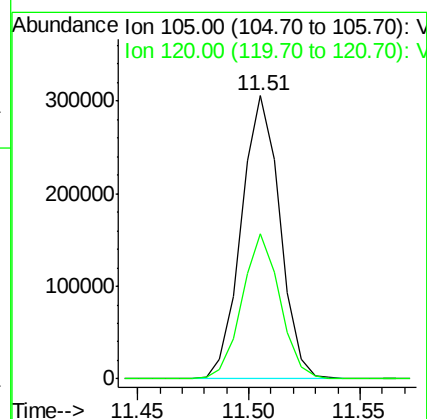
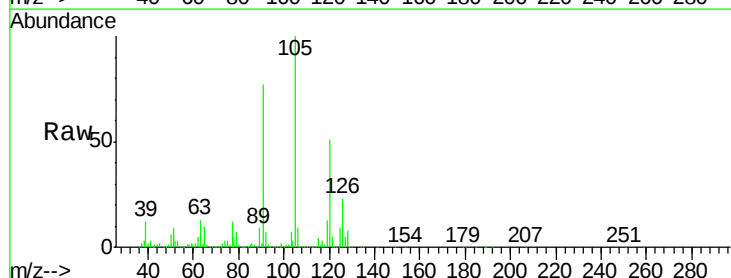
Acq: 25 Jan 2019 14:06

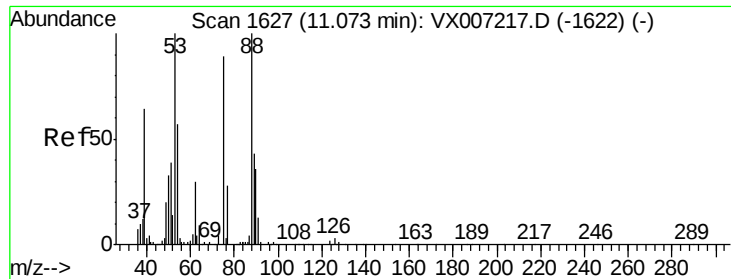
Tgt Ion: 105 Resp: 368802

Ion Ratio Lower Upper

105 100

120 50.2 0.0 99.8





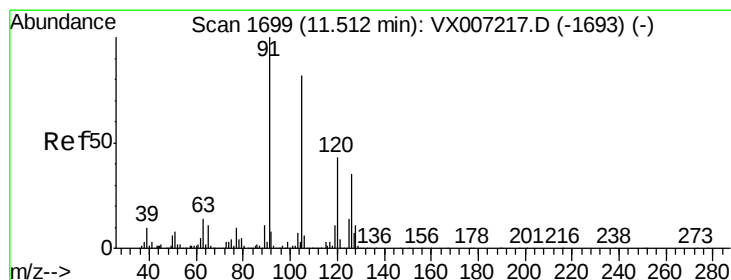
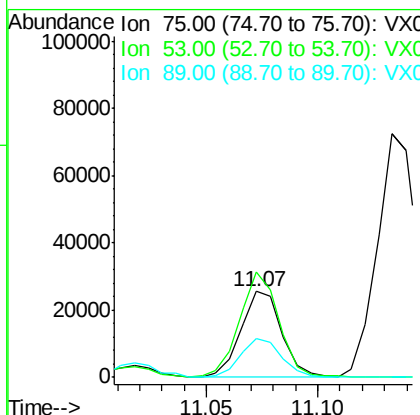
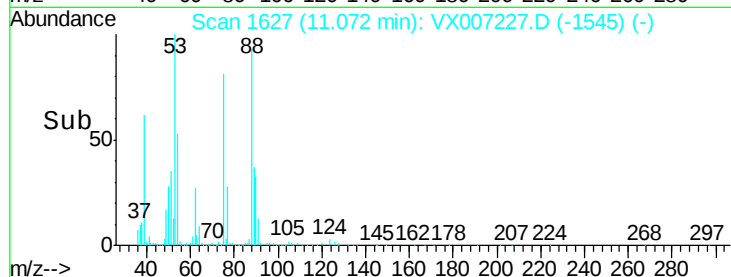
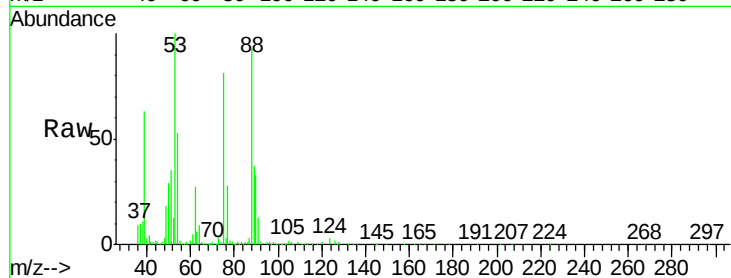
#77
t-1,4-Dichloro-2-butene
Concen: 16.024 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.0	55.9	167.6
89	45.8	24.1	72.4

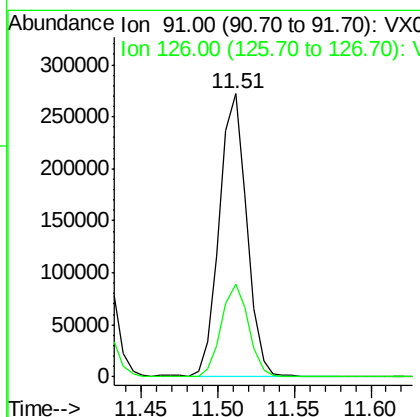
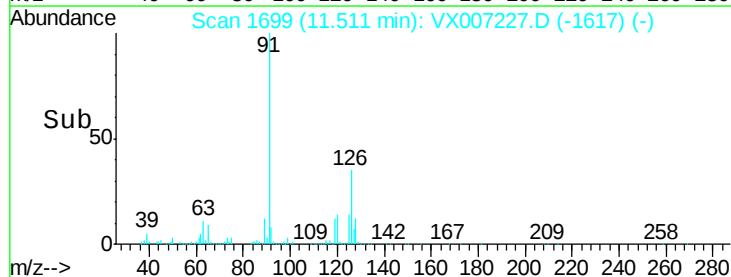
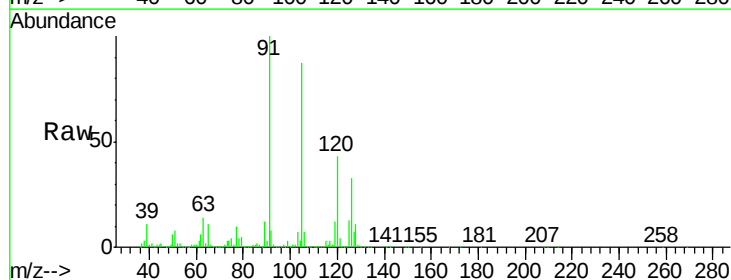
Manual Integrations
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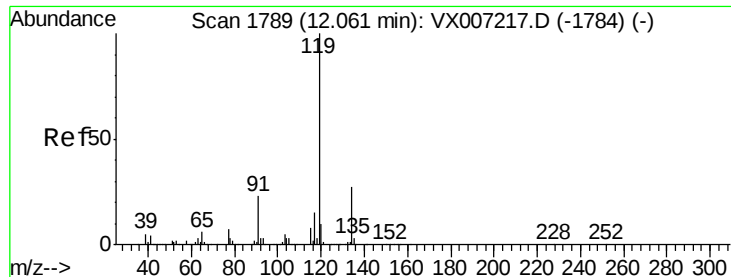
MMDadoda
1/28/2019 12:05:31 PM



#78
4-Chlorotoluene
Concen: 18.828 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	0.0	63.8





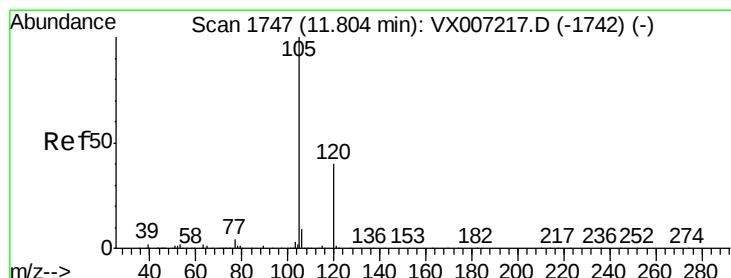
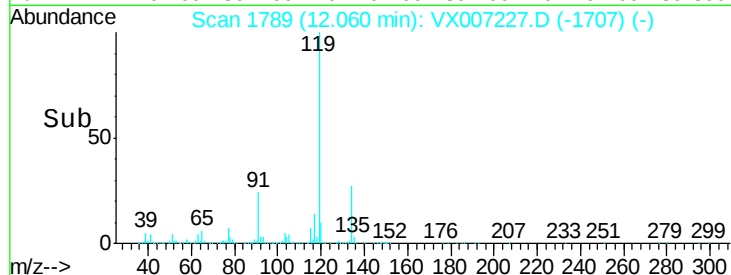
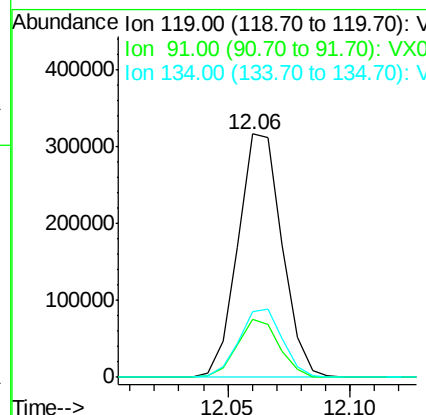
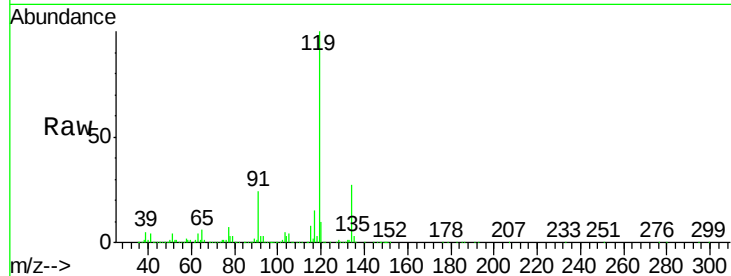
#79
tert-butylbenzene
Concen: 18.855 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	395019		
91	22.7	0.0	45.0	
134	27.9	0.0	55.8	

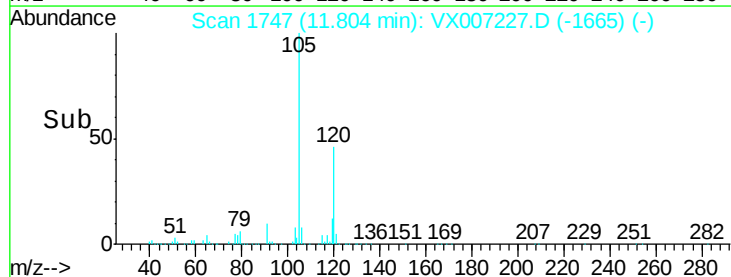
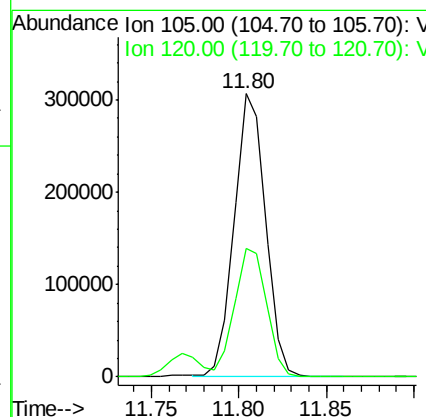
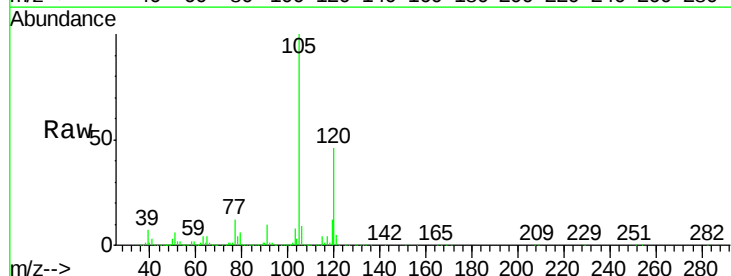
Manual Integrations
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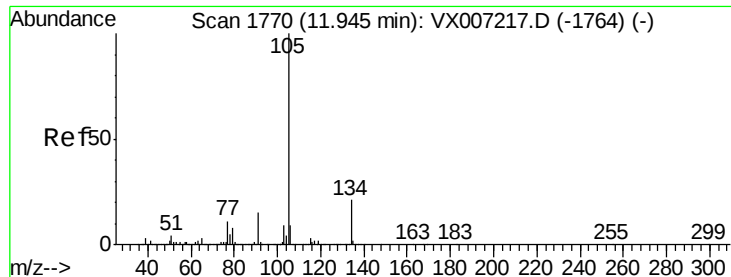
MMDadoda
1/28/2019 12:05:31 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.539 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	383079		
120	46.4	0.0	94.4	





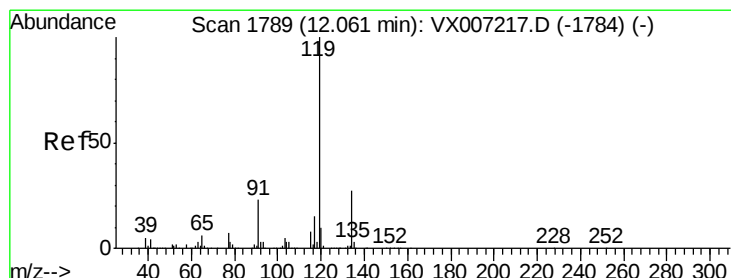
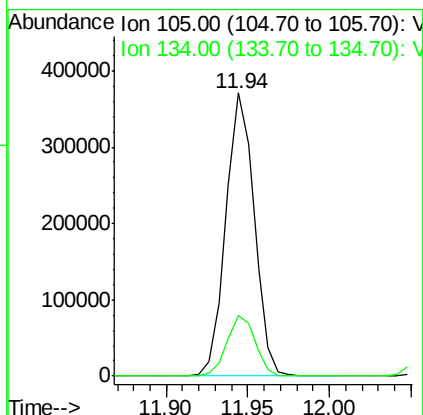
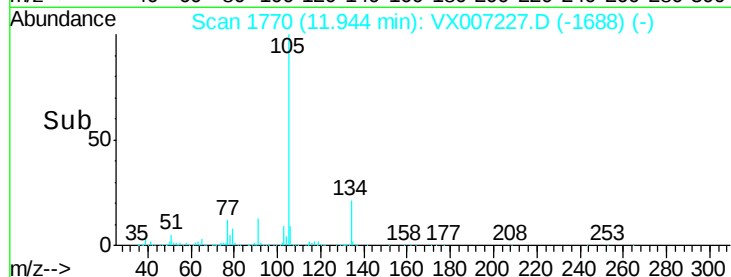
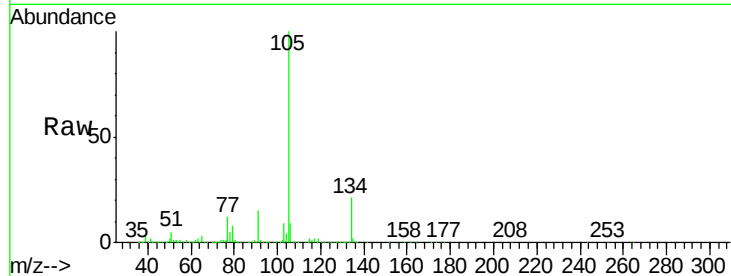
#81
 sec-Butylbenzene
 Concen: 19.298 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	0.0	42.2

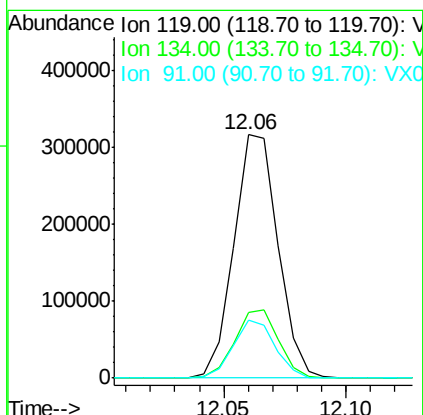
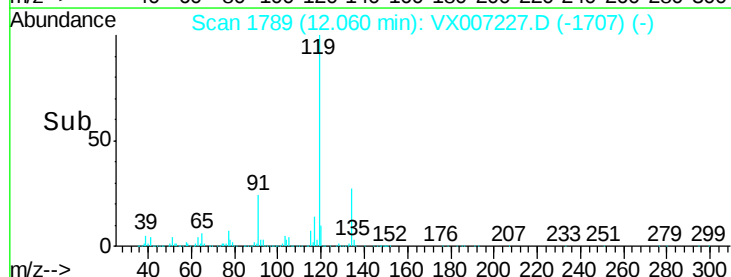
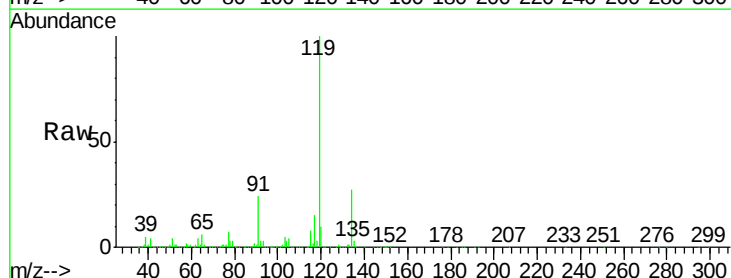
Manual Integrations
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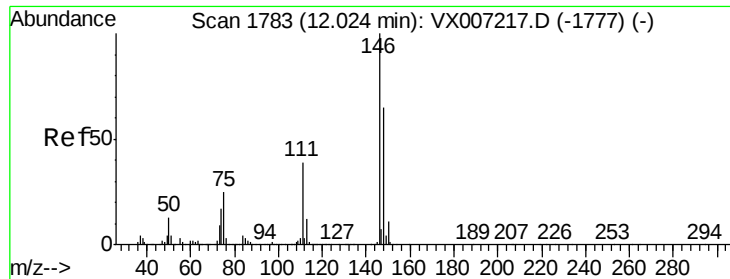
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 18.855 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	55.8
91	22.7	0.0	45.0





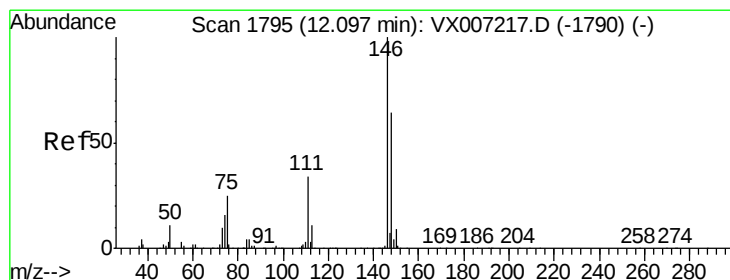
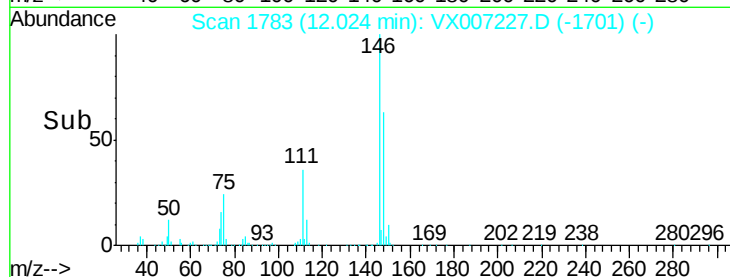
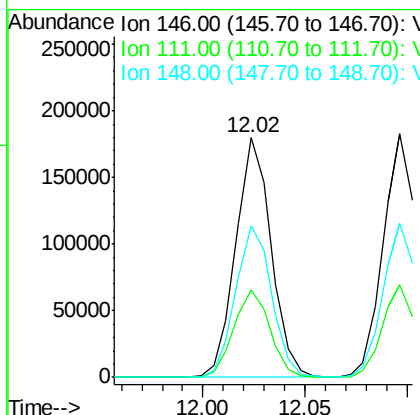
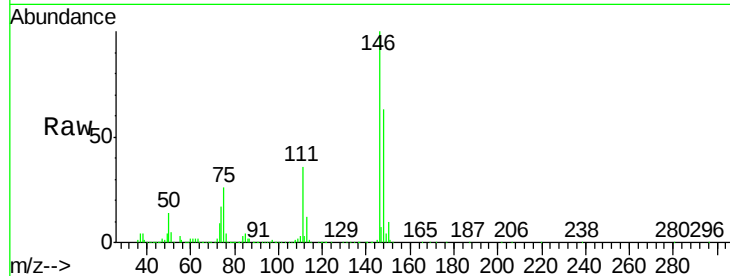
#83
 1,3-Dichlorobenzene
 Concen: 18.892 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	64.9	31.6	94.7

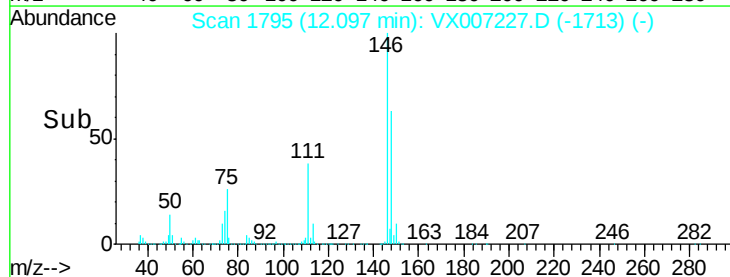
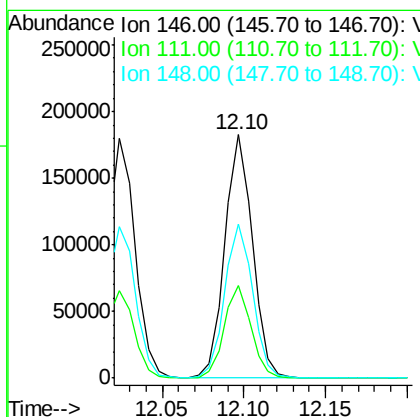
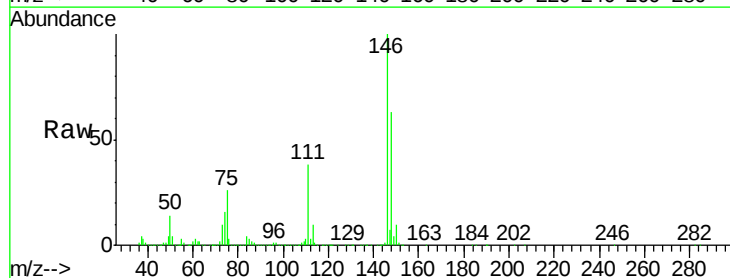
Manual Integrations
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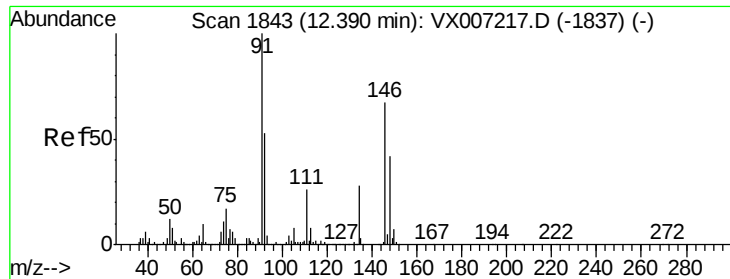
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 1/28/2019 12:05:31 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.828 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	17.4	52.2
148	64.3	31.9	95.5





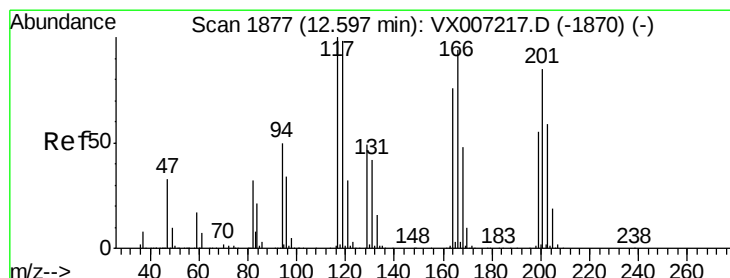
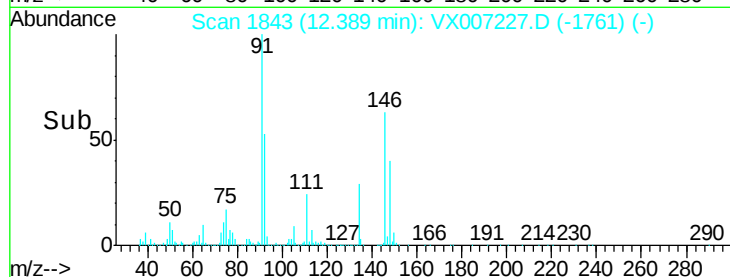
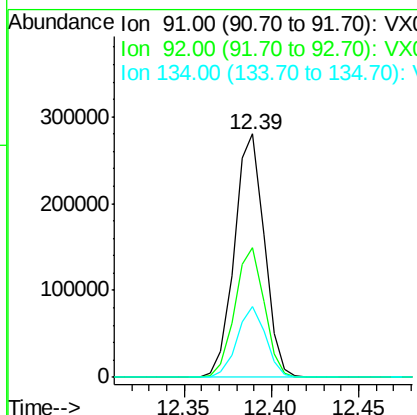
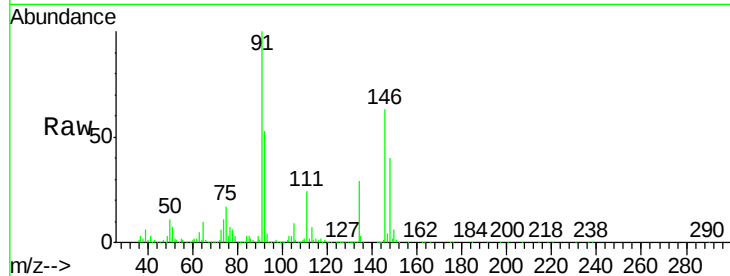
#85
n-Butylbenzene
Concen: 18.532 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0125WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	333197		
92	52.8	0.0	106.2	
134	28.0	0.0	55.4	

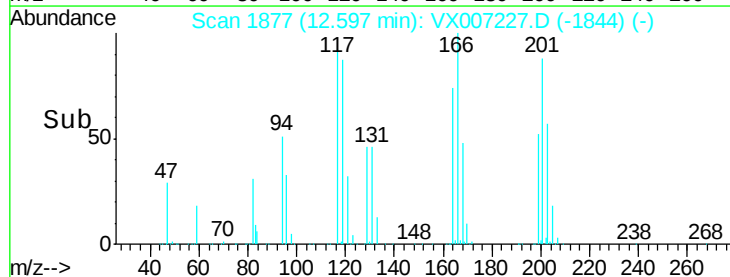
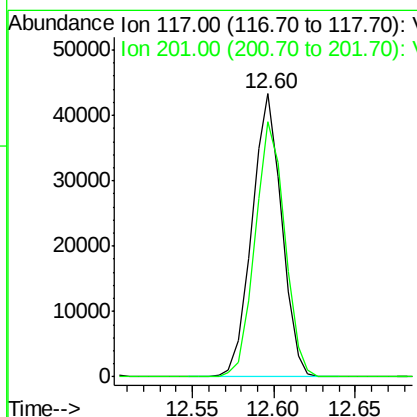
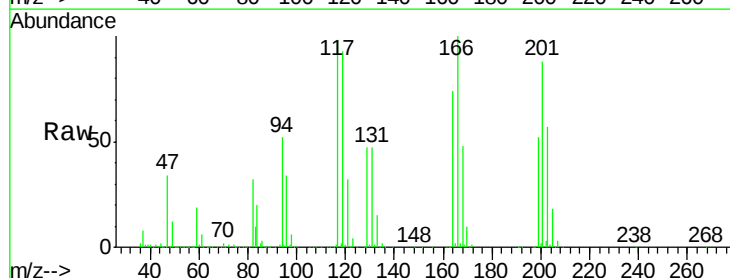
Manual Integrations
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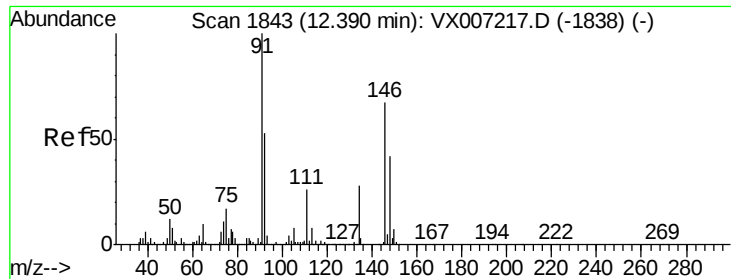
MMDadoda
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#86
Hexachloroethane
Concen: 17.028 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007227.D
Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55155		
201	89.9	41.6	124.8	





#87

1,2-Dichlorobenzene

Concen: 19.163 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

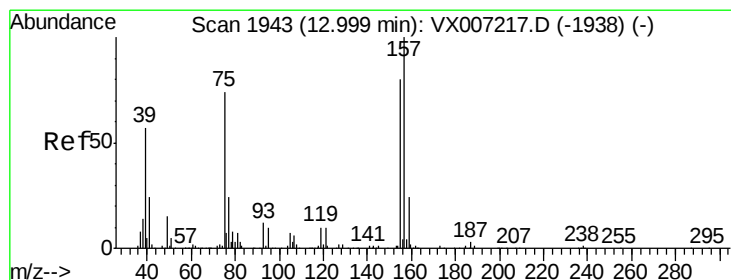
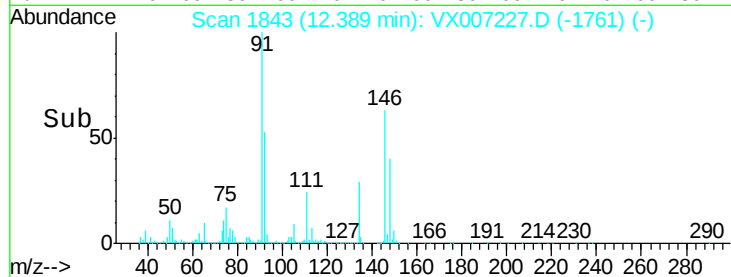
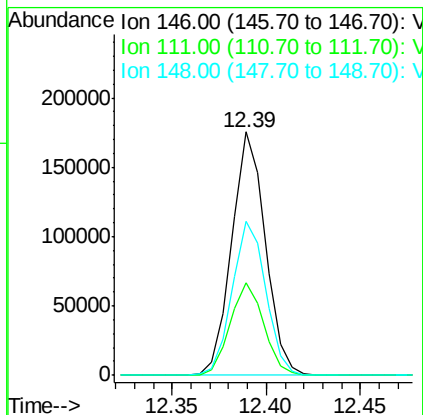
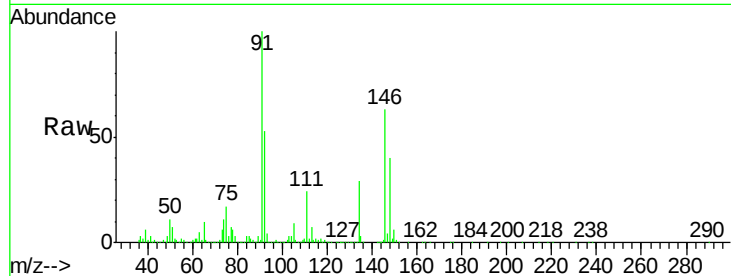
ClientSampleId :

VX0125WBSD01

Tot Ion:	146	Resp:	217799
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.3	57.9
148	63.2	32.0	96.0

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.501 ug/l

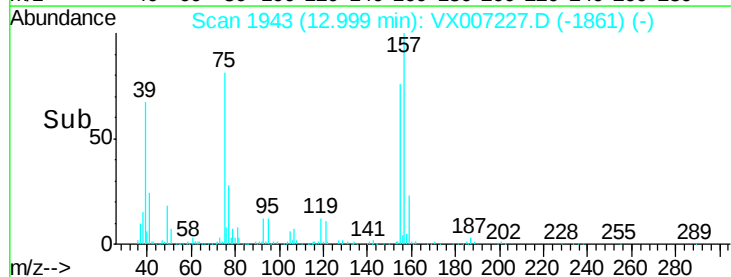
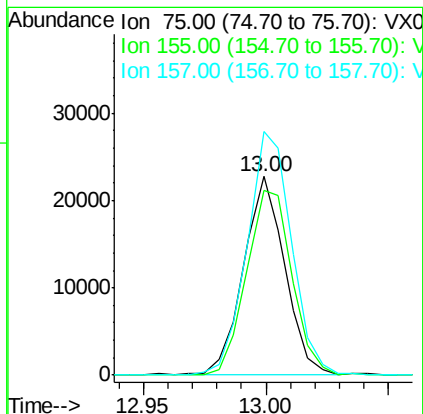
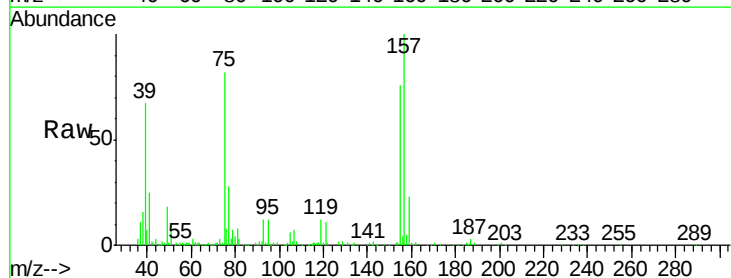
RT: 13.00 min Scan# 1943

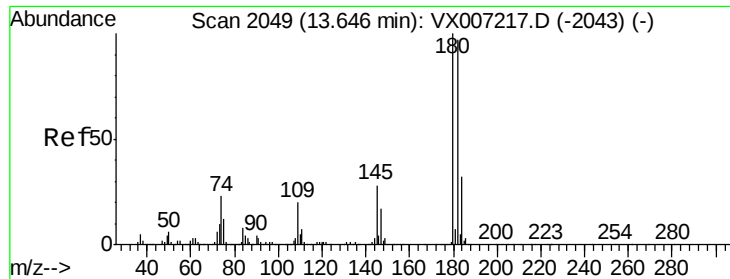
Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	75	Resp:	26496
Ion Ratio	Lower	Upper	
75	100		
155	103.5	82.8	124.2
157	133.6	106.9	160.3





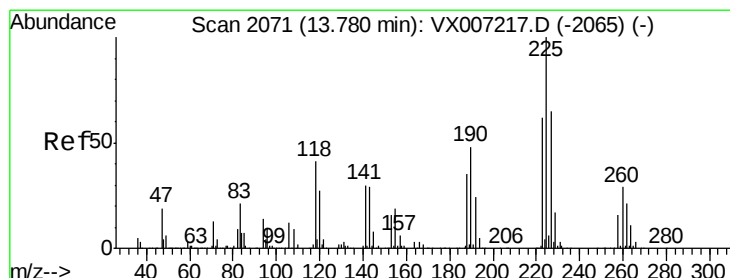
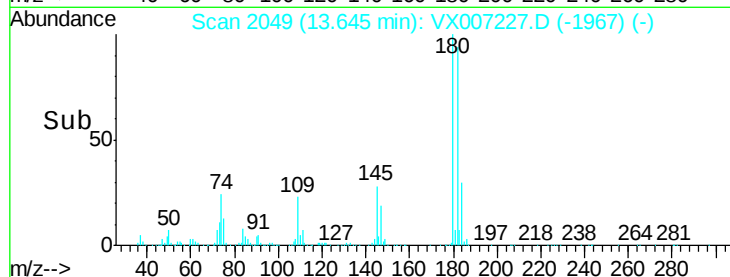
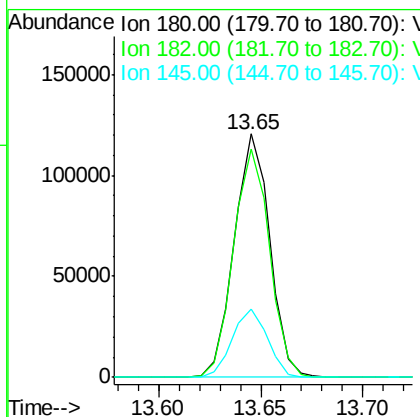
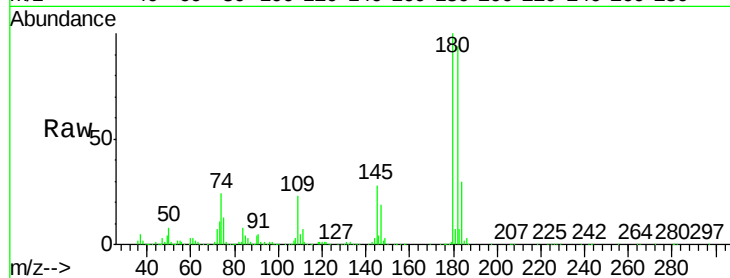
#89
 1,2,4-Trichlorobenzene
 Concen: 18.618 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	28.1	23.1	34.7

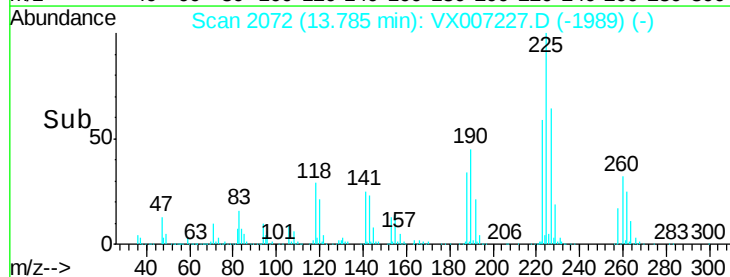
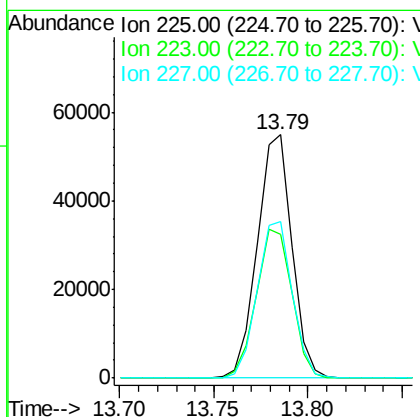
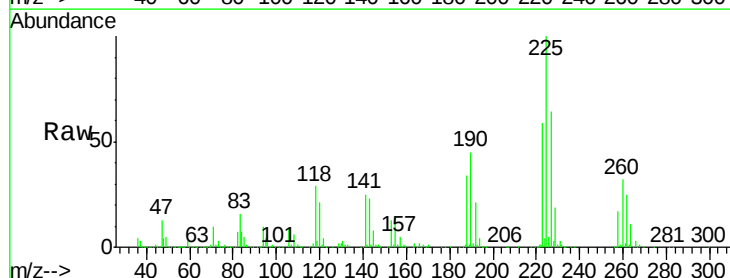
Manual Integrations
 APPROVED

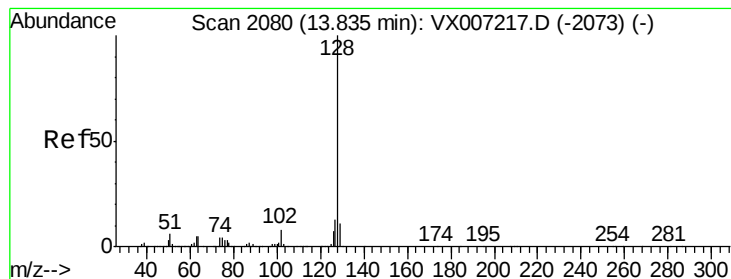
MMDadoda
 1/28/2019 12:05:31 PM



#90
 Hexachlorobutadiene
 Concen: 18.763 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007227.D
 Acq: 25 Jan 2019 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	124.6
227	65.3	0.0	128.2





#91

Naphthalene

Concen: 18.924 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Instrument :

MSVOA_X

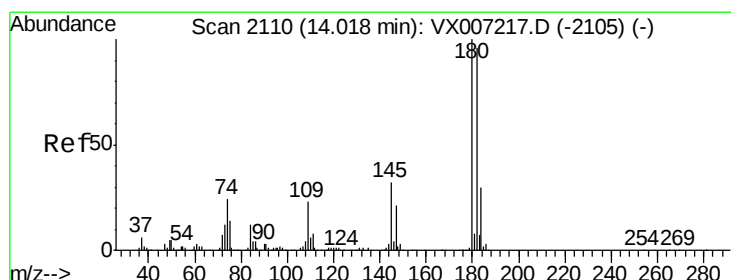
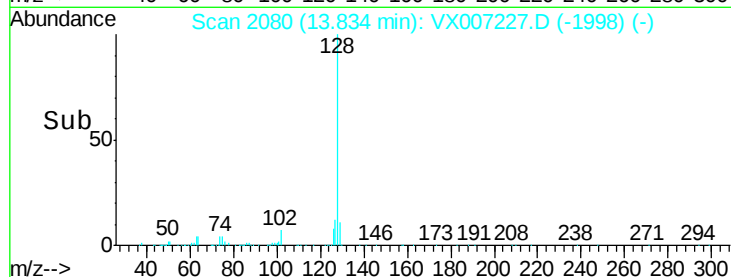
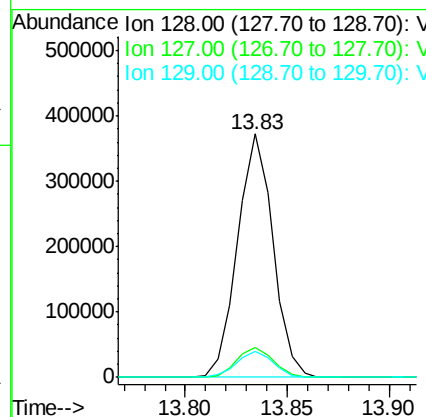
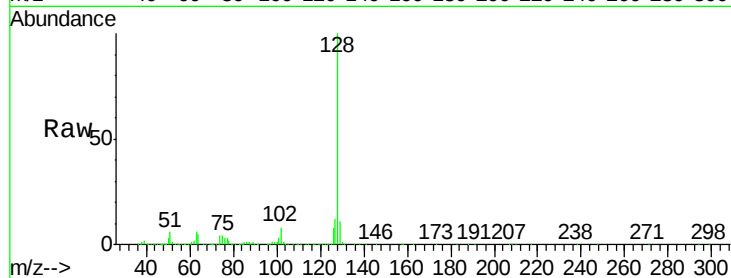
ClientSampled :

VX0125WBSD01

Tot Ion:	128	Resp:	446985
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
1/28/2019 12:05:31 PM



#92

1,2,3-Trichlorobenzene

Concen: 18.837 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007227.D

Acq: 25 Jan 2019 14:06

Tgt Ion:	180	Resp:	145740
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	187.6
145	30.3	0.0	62.0

