

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007219.D
 Acq On : 25 Jan 2019 10:17
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 05:50:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 25 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	85405	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	461073	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	411219	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	166097	25.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	85.30%
60) 4-Bromofluorobenzene	11.14	95	189846	27.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.57%
63) Toluene-d8	8.71	98	558243	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	354945	53.380	ug/l 99
3) Chloromethane	1.33	50	392639	56.912	ug/l 99
4) Vinyl Chloride	1.41	62	468711	66.458	ug/l 98
5) Bromomethane	1.64	94	475499	140.499	ug/l 97
6) Chloroethane	1.71	64	320046	79.040	ug/l 100
7) Trichlorofluoromethane	1.92	101	813507	90.549	ug/l 99
8) Diethyl Ether	2.19	74	314255	85.805	ug/l 85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	478140	92.672	ug/l 97
10) 1,1-Dichloroethene	2.37	96	444322	90.919	ug/l 88
11) Methyl Iodide	2.51	142	746401	187.587	ug/l 99
12) Methyl Acetate	2.78	43	738090	74.899	ug/l 96
13) Acrolein	2.30	56	261229	286.912	ug/l 98
14) Acrylonitrile	3.15	53	1397281	346.972	ug/l 99
15) Acetone	2.45	58	406457	301.940	ug/l 99
16) Carbon Disulfide	2.57	76	1103764	77.006	ug/l 100
17) Allyl chloride	2.73	41	791674	72.850	ug/l 92
18) Methylene Chloride	2.85	84	487709	85.815	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	477195	91.397	ug/l 90
20) Diisopropyl ether	3.87	45	1434751	77.434	ug/l # 95
21) 1,1-Dichloroethane	3.70	63	792189	77.598	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	525937	91.064	ug/l 88
23) tert-Butyl Alcohol	3.09	59	580897	312.519	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	1562673	87.013	ug/l 98
25) Chloroform	5.22	83	839122	87.335	ug/l 97
26) Cyclohexane	5.57	56	689046	78.647	ug/l # 88
29) 1,1-Dichloropropene	5.80	75	616085	90.297	ug/l 96
30) 2-Butanone	4.70	43	1834745	330.754	ug/l 96
31) 2,2-Dichloropropane	4.59	77	633032	84.564	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	734481	93.648	ug/l 97
33) Carbon Tetrachloride	5.78	117	656632	95.328	ug/l 99
34) Benzene	6.14	78	1858796	89.778	ug/l 98
35) Methacrylonitrile	5.06	41	367876	71.362	ug/l 93
36) 1,2-Dichloroethane	6.20	62	639098	85.684	ug/l 99
37) Trichloroethene	7.21	130	543626	99.679	ug/l 95
38) Methylcyclohexane	7.46	83	768000	94.810	ug/l 90
39) 1,2-Dichloropropane	7.52	63	473329	85.801	ug/l 96
40) Dibromomethane	7.66	93	338886	94.780	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	636449	92.333	ug/l	97
42) Vinyl Acetate	3.82	43	6211895	387.068	ug/l	95
43) Ethyl Acetate	4.85	43	672040	73.443	ug/l	99
44) Isopropyl Acetate	6.46	43	1092027	79.970	ug/l	99
45) 1,4-Dioxane	7.76	88	253516	1575.807	ug/l	89
46) Methyl methacrylate	7.77	41	556381	78.533	ug/l	92
47) n-amyl Acetate	10.90	43	970734	77.051	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	715728	90.763	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	776229	90.813	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	506503	93.566	ug/l	99
51) Ethyl methacrylate	9.18	69	747860	87.051	ug/l	94
52) 1,3-Dichloropropane	9.37	76	806728	88.335	ug/l	100
53) Dibromochloromethane	9.59	129	561586	99.993	ug/l	100
54) 1,2-Dibromoethane	9.67	107	550879	97.649	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	2046893	451.531	ug/l	98
56) Bromoform	10.86	173	431717	92.045	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	3547053	384.168	ug/l	97
59) 2-Hexanone	9.50	43	2758552	362.632	ug/l	99
61) Tetrachloroethene	9.34	164	551124	110.129	ug/l	97
62) Toluene	8.79	91	2102550	97.288	ug/l	99
64) Chlorobenzene	10.14	112	1372817	98.362	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	512301	100.975	ug/l	98
66) Ethyl Benzene	10.25	91	2293927	97.226	ug/l	97
67) m/p-Xylenes	10.36	106	1816464	197.730	ug/l	92
68) o-Xylene	10.70	106	876435	98.972	ug/l	93
69) Styrene	10.71	104	1447606	97.217	ug/l	98
70) Isopropylbenzene	11.02	105	2344477	98.872	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	747140	84.831	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	692748m	86.336	ug/l	
73) Bromobenzene	11.26	156	635489	97.495	ug/l	94
74) n-propylbenzene	11.36	91	2647970	94.909	ug/l	96
75) 2-Chlorotoluene	11.42	91	1531980	90.032	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	1943955	95.014	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	239802	90.899	ug/l	96
78) 4-Chlorotoluene	11.51	91	1804084	91.215	ug/l	96
79) tert-butylbenzene	12.07	119	2129643	98.079	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1967861	94.313	ug/l	98
81) sec-Butylbenzene	11.94	105	2344746	97.086	ug/l	98
82) p-Isopropyltoluene	12.07	119	2129643	98.079	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1135845	94.235	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1143065	93.450	ug/l	99
85) n-Butylbenzene	12.39	91	1886579	95.660	ug/l	98
86) Hexachloroethane	12.60	117	353135	98.734	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	1135716	92.692	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	163961	80.561	ug/l	85
89) 1,2,4-Trichlorobenzene	13.65	180	810744	88.702	ug/l	99
90) Hexachlorobutadiene	13.78	225	374097	82.905	ug/l	100
91) Naphthalene	13.83	128	2483179	87.374	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	796959	85.033	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC100

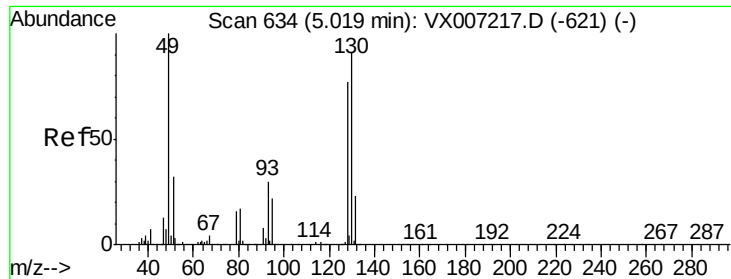
Manual Integrations
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QLast Update : Fri Jan 25 09:22:37 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

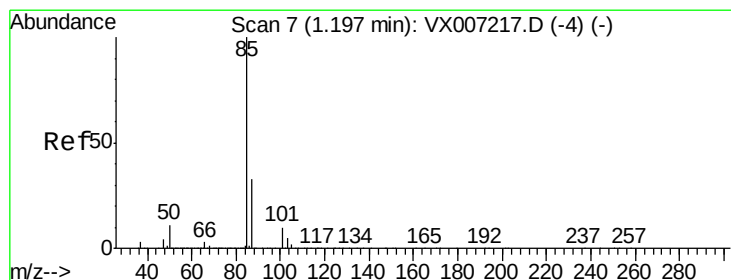
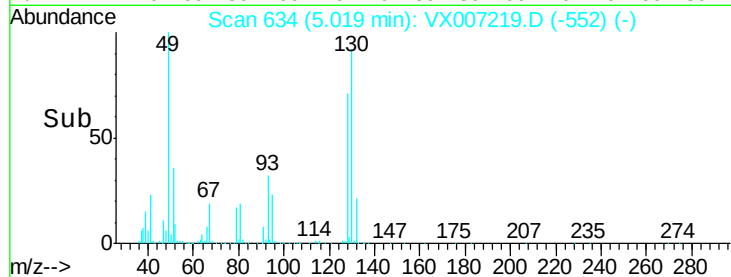
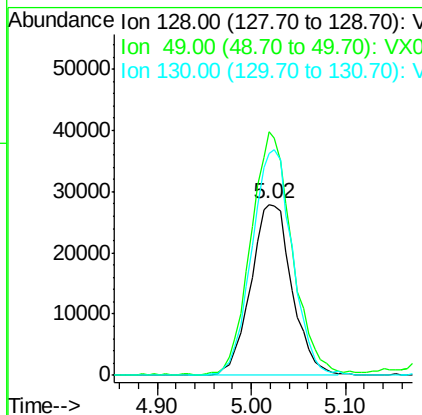
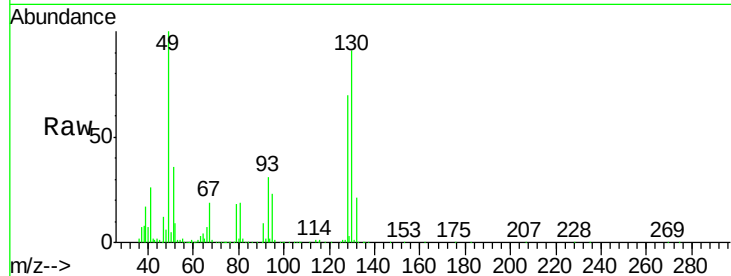
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	141.9	0.0	429.5
130	129.8	0.0	325.8

Manual Integrations
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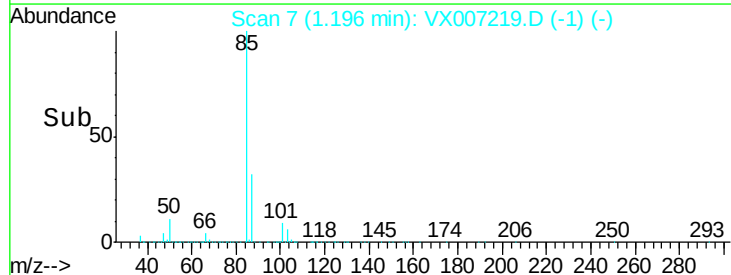
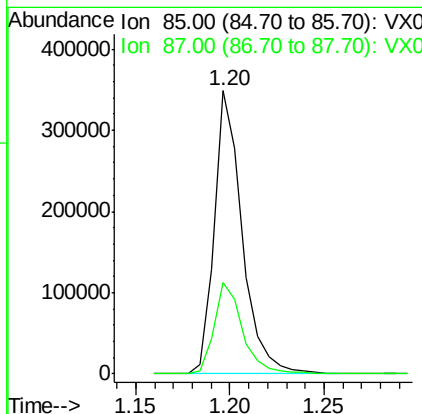
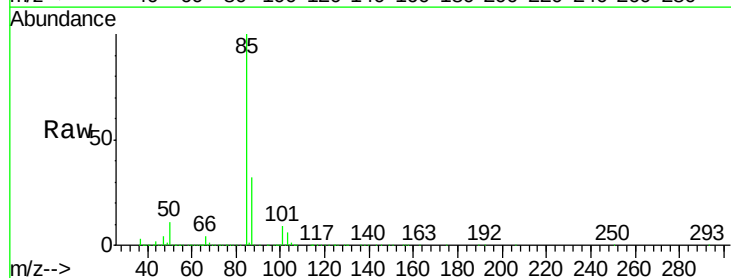
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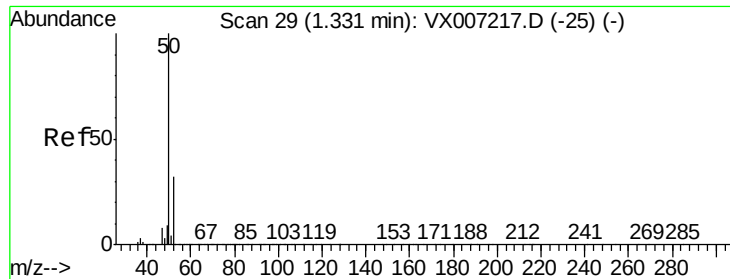


#2

Dichlorodifluoromethane
Concen: 53.380 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.5	49.5





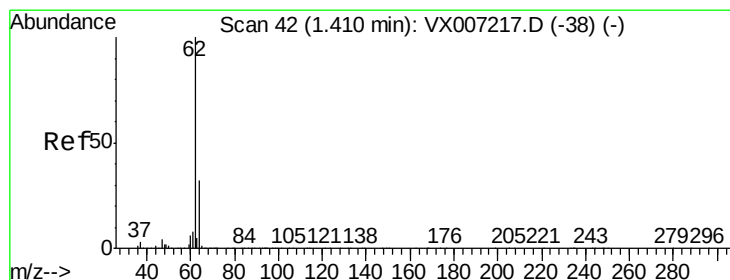
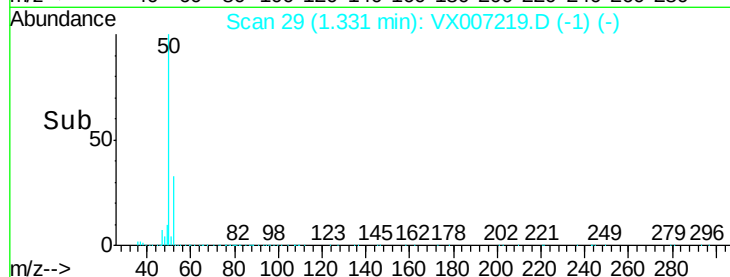
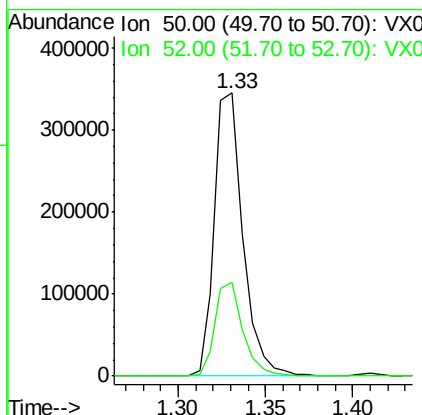
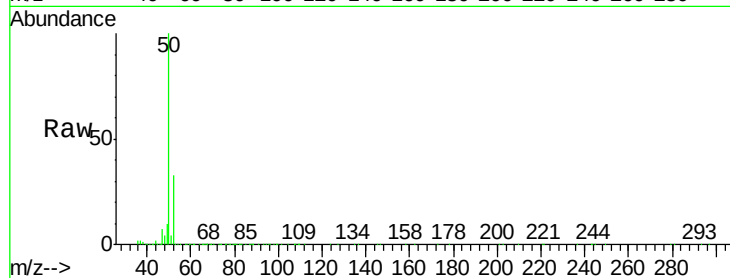
#3
Chloromethane
Concen: 56.912 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.1	39.1

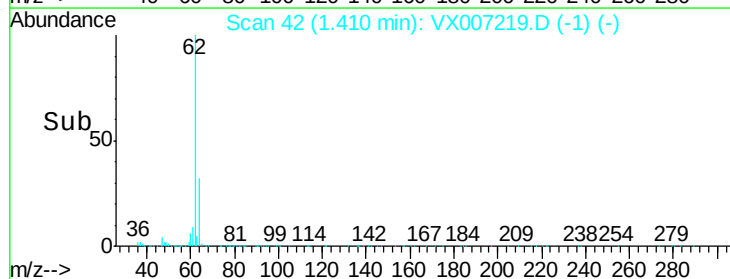
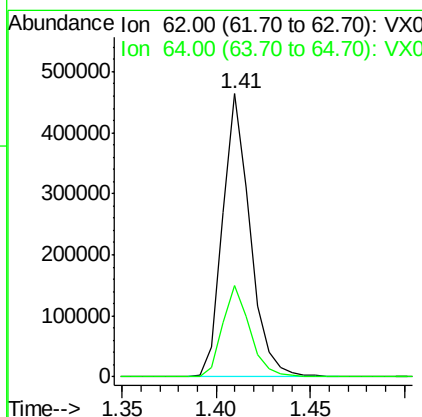
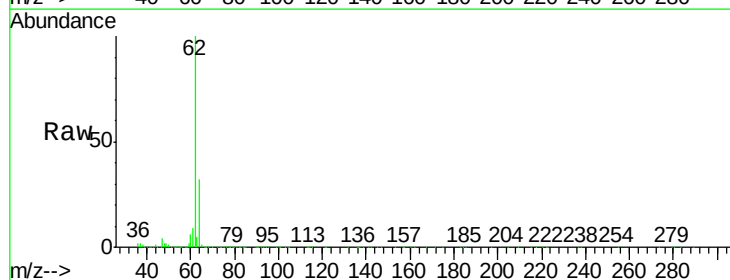
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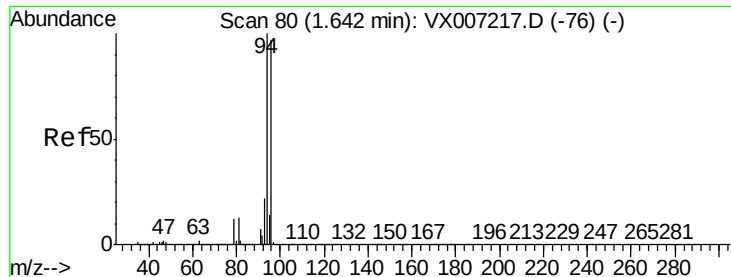
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#4
Vinyl Chloride
Concen: 66.458 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.2	37.8





#5

Bromomethane

Concen: 140.499 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 475499

Ion Ratio Lower Upper

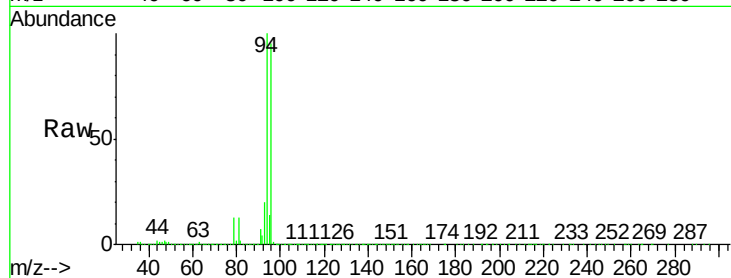
94 100

96 95.2 73.8 110.8

Manual Integrations
APPROVED

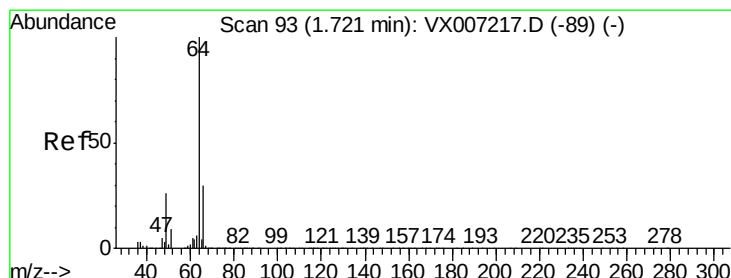
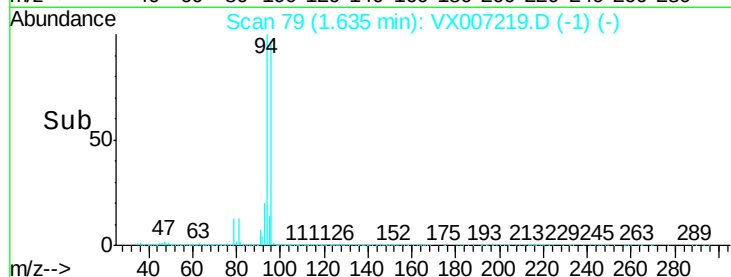
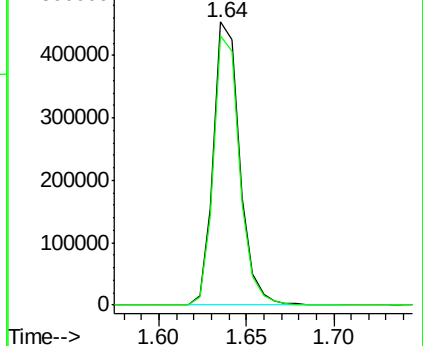
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 79.040 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007219.D

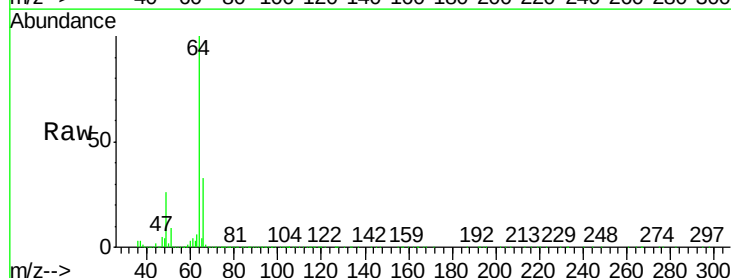
Acq: 25 Jan 2019 10:17

Tgt Ion: 64 Resp: 320046

Ion Ratio Lower Upper

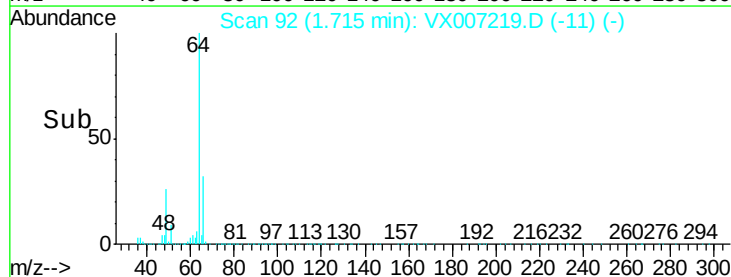
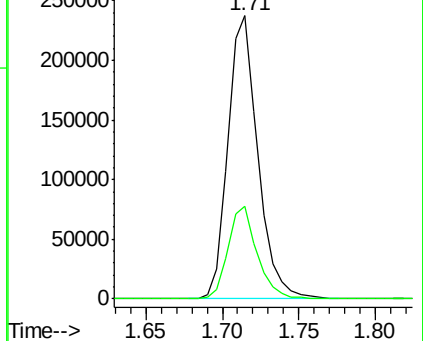
64 100

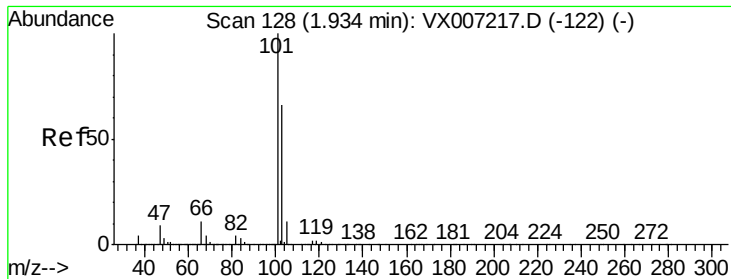
66 32.6 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

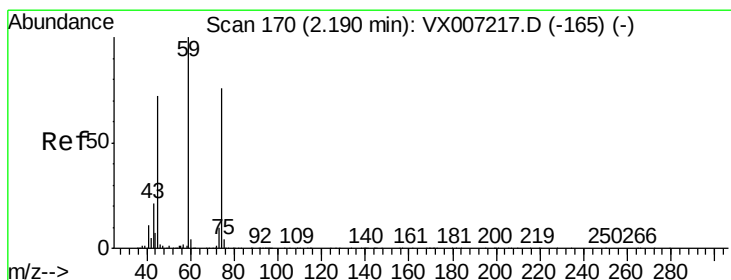
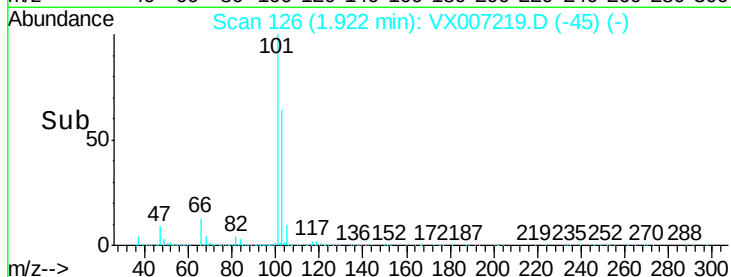
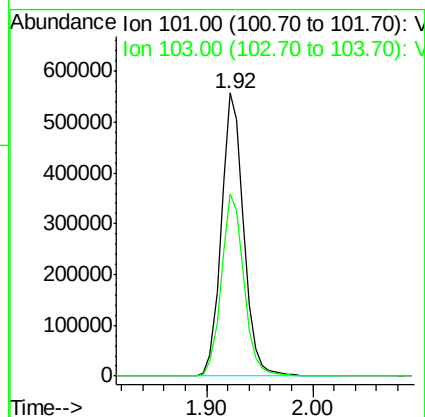
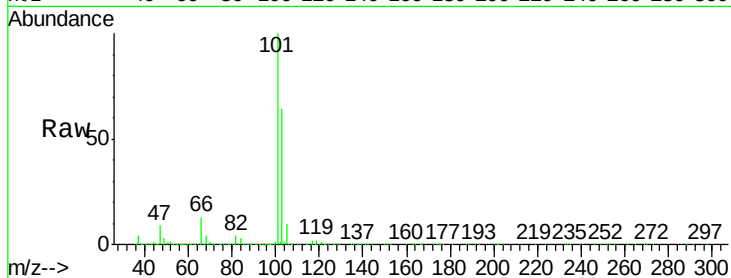
Trichlorofluoromethane
Concen: 90.549 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		813507		
103	64.3	51.1	76.7		

Manual Integrations
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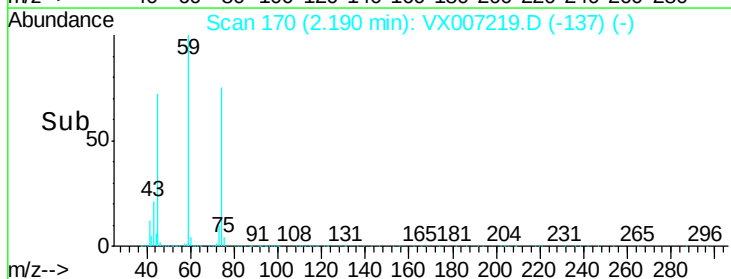
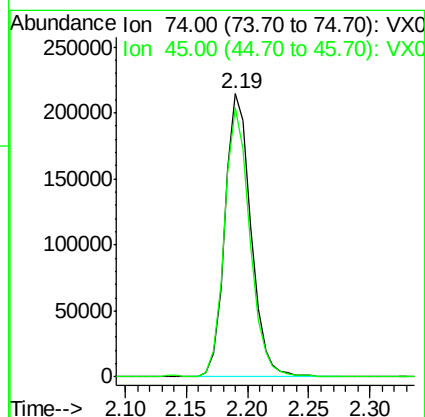
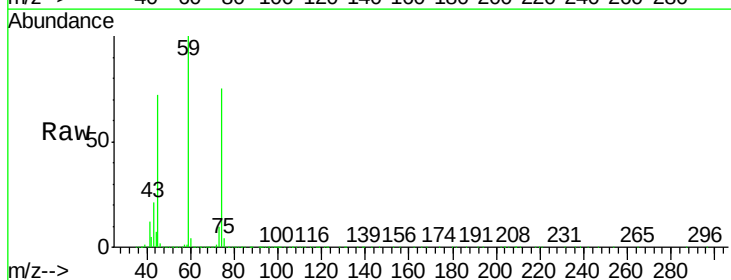
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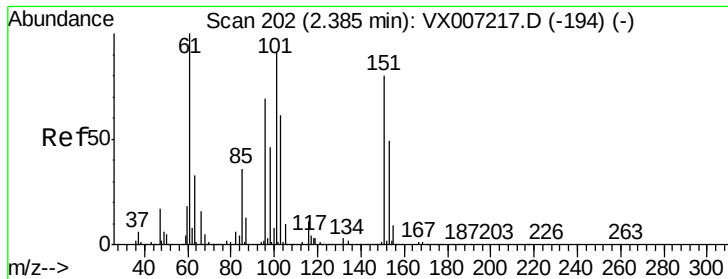


#8

Diethyl Ether
Concen: 85.805 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		314255		
45	93.0	21.6	194.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.672 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

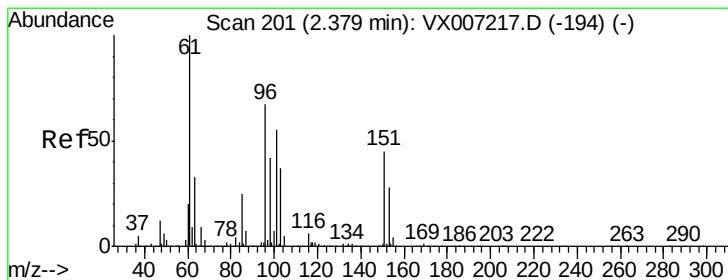
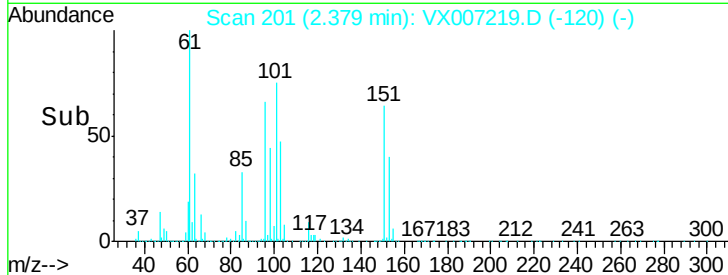
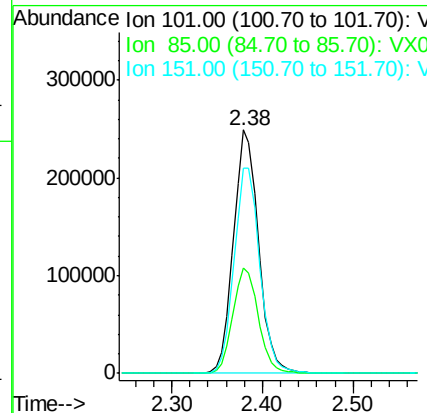
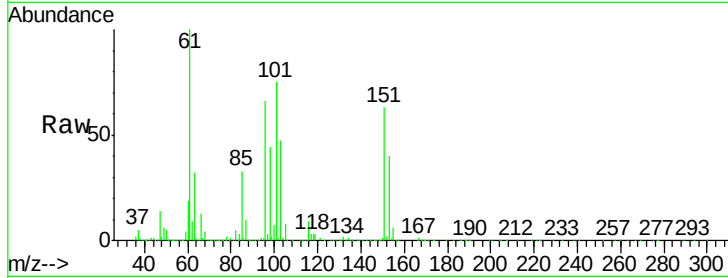
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	478140
Ion Ratio	Lower	Upper	
101	100		
85	43.8	0.0	88.0
151	86.7	0.0	164.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 90.919 ug/l

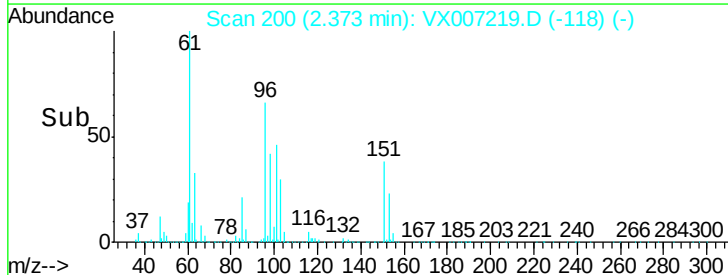
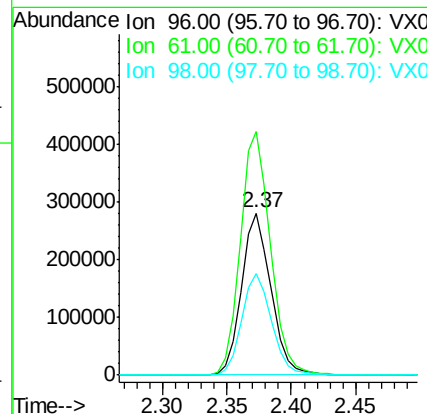
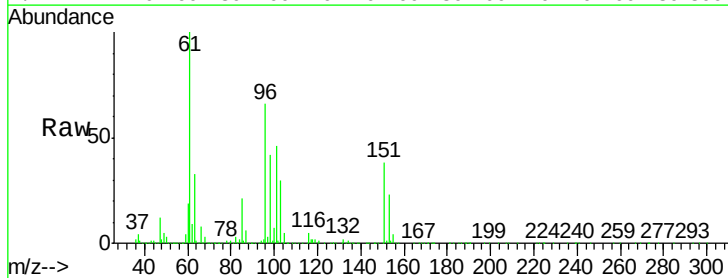
RT: 2.37 min Scan# 200

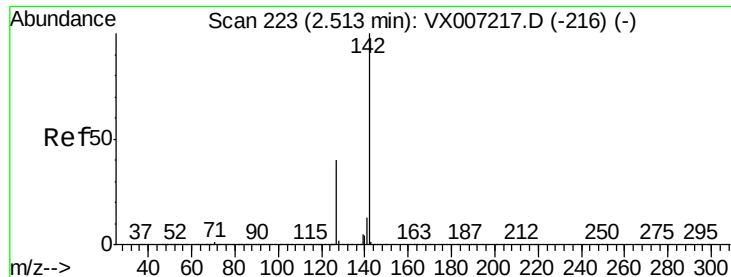
Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Tgt Ion:	96	Resp:	444322
Ion Ratio	Lower	Upper	
96	100		
61	150.4	137.9	206.9
98	63.0	51.0	76.4





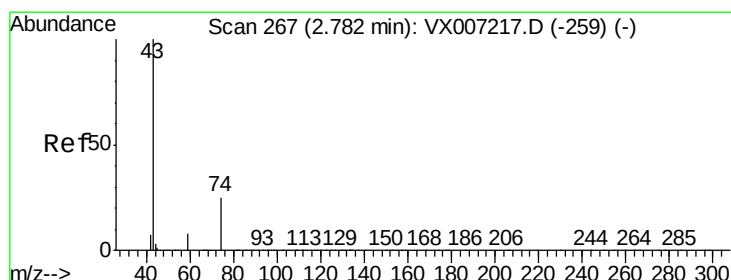
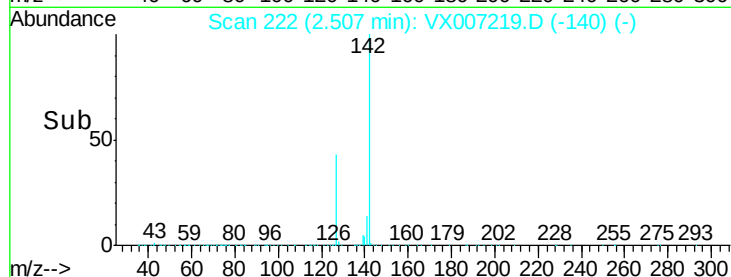
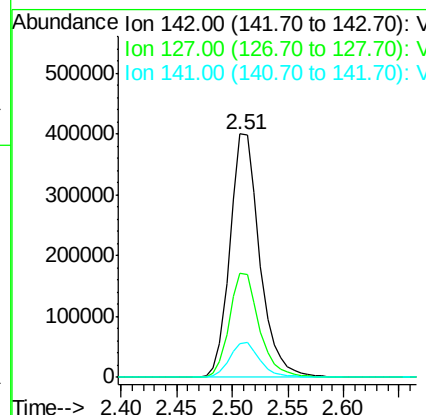
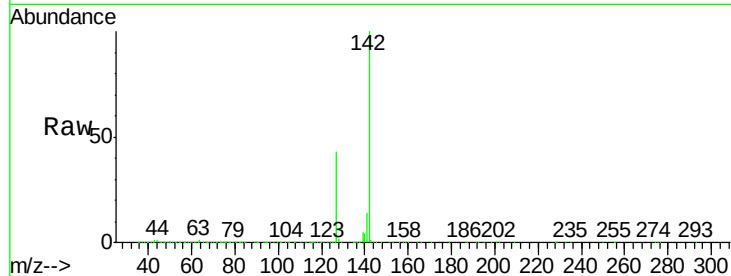
#11
Methvl Iodide
Concen: 187.587 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.8	21.6	64.8
141	13.6	7.5	22.6

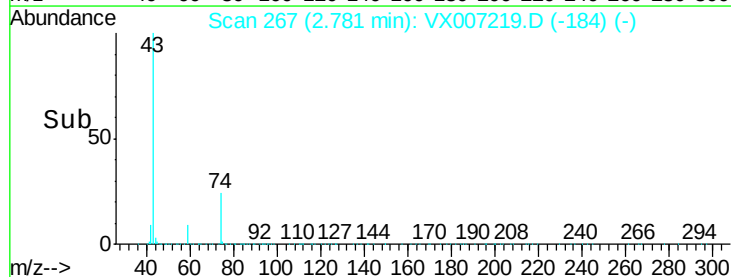
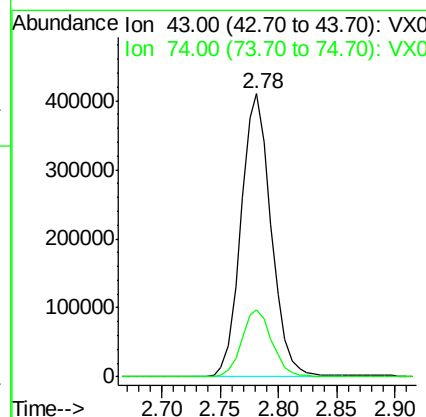
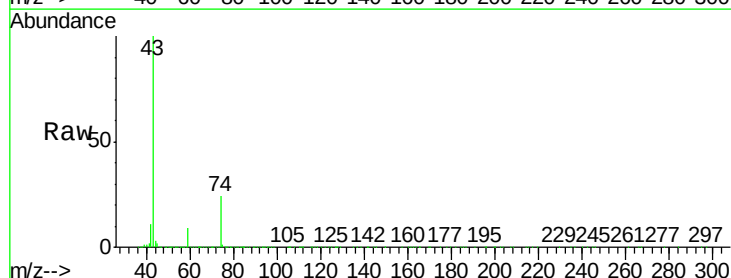
Manual Integrations
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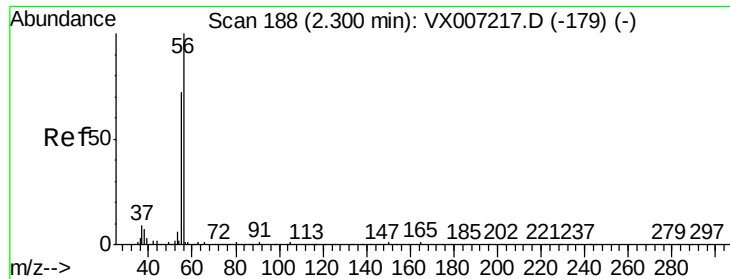
MMDadoda
1/28/2019 12:05:12 PM



#12
Methyl Acetate
Concen: 74.899 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.0	25.6





#13

Acrolein

Concen: 286.912 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 261229

Ion Ratio Lower Upper

56 100

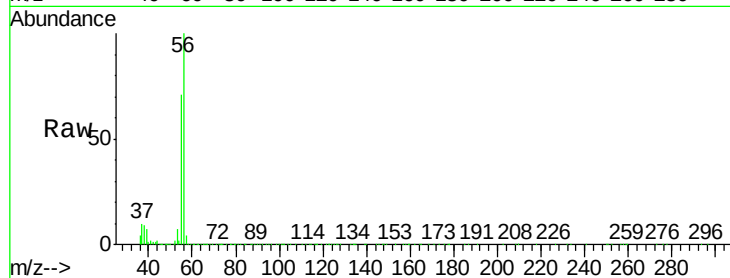
55 70.9 57.9 86.9

Manual Integrations

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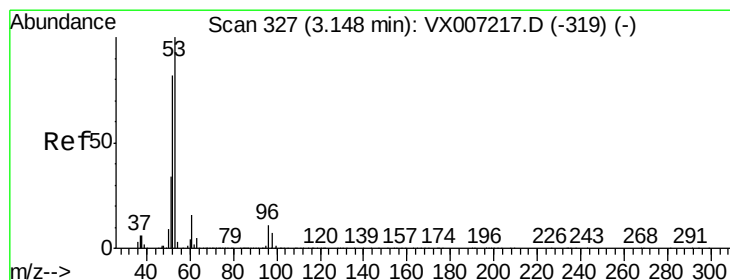
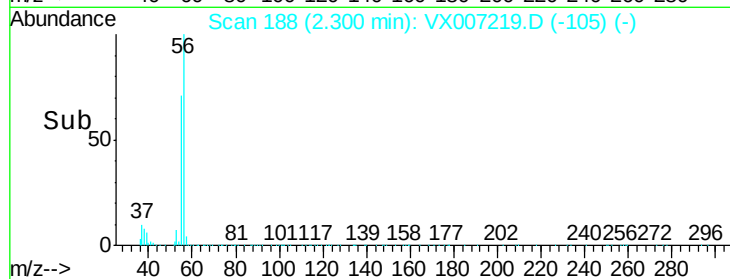
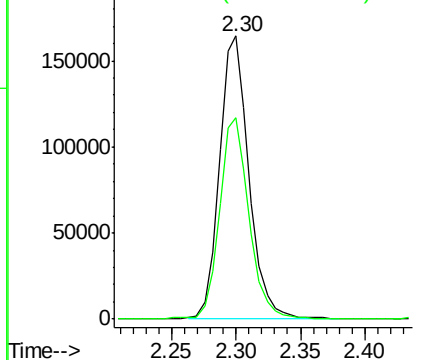
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 346.972 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

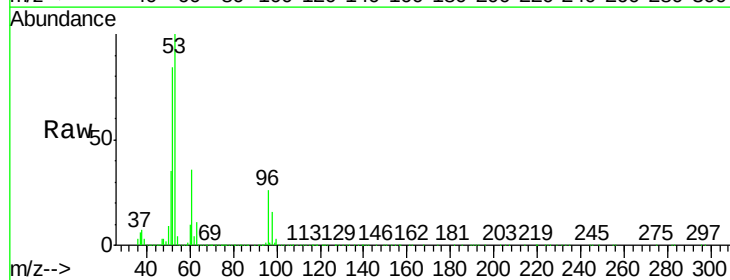
Tgt Ion: 53 Resp: 1397281

Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

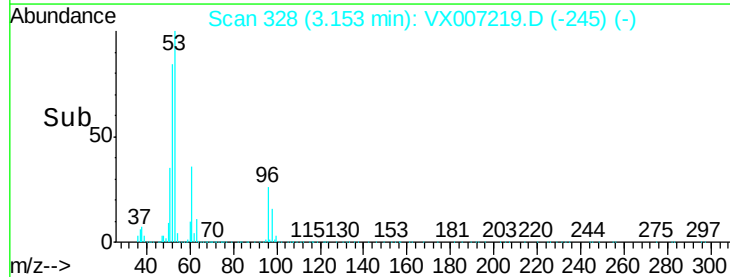
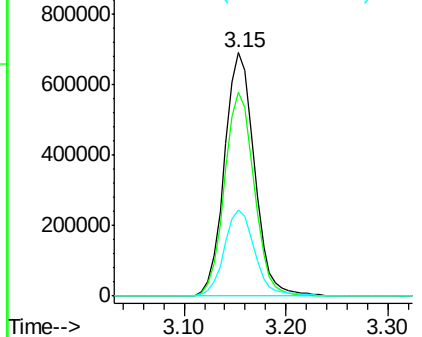
51 36.3 18.0 54.0

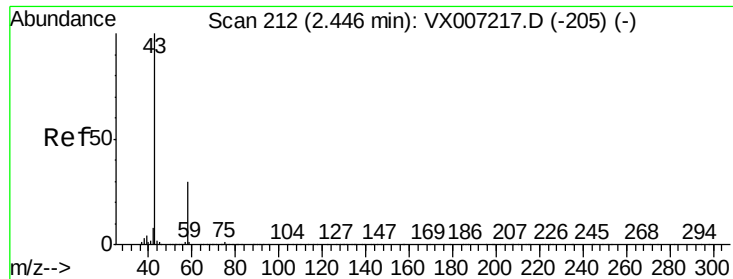


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 301.940 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 406457

Ion Ratio Lower Upper

58 100

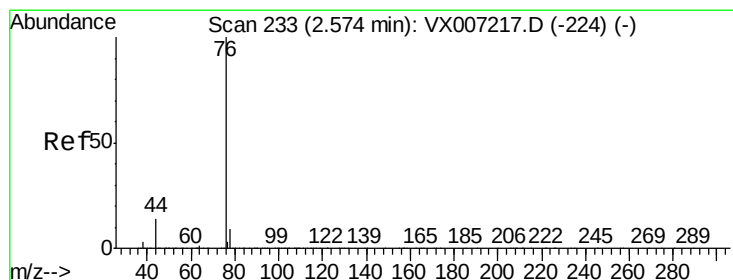
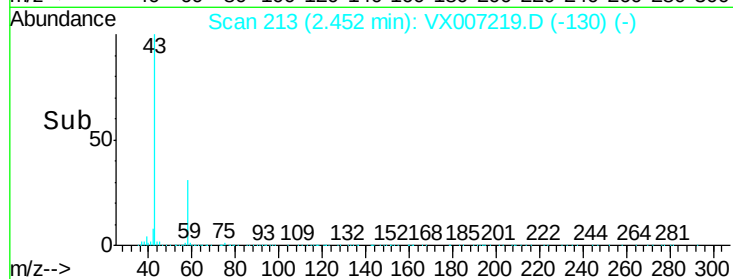
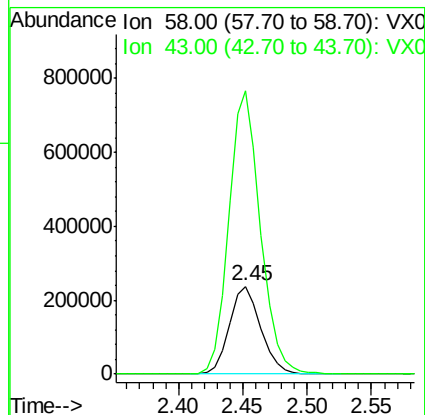
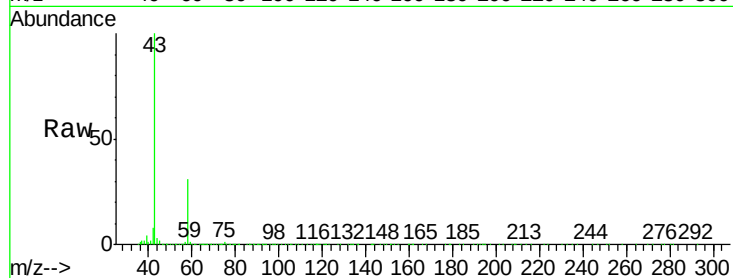
43 321.4 258.6 388.0

Manual Integrations

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#16

Carbon Disulfide

Concen: 77.006 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007219.D

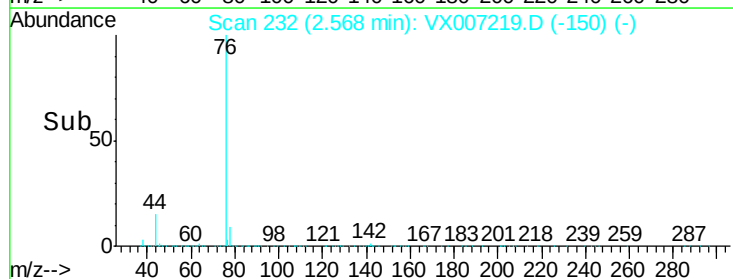
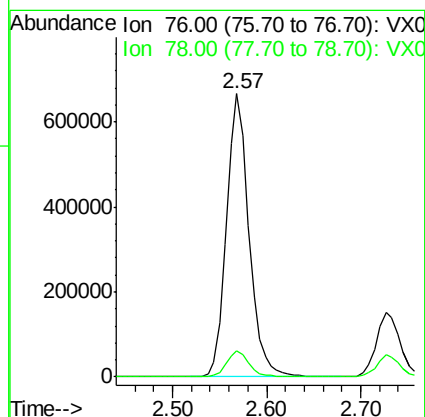
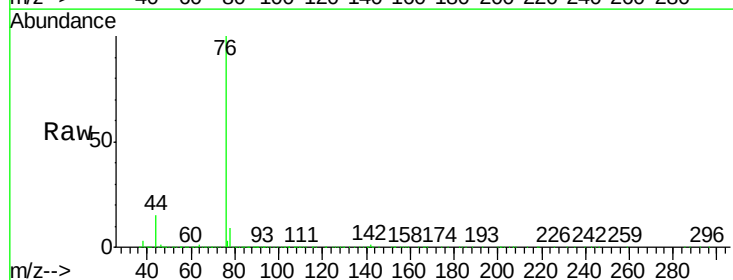
Acq: 25 Jan 2019 10:17

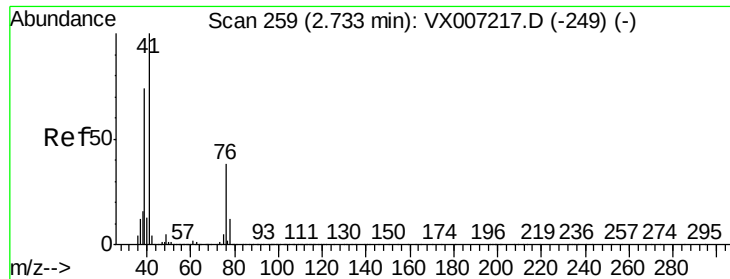
Tgt Ion: 76 Resp: 1103764

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





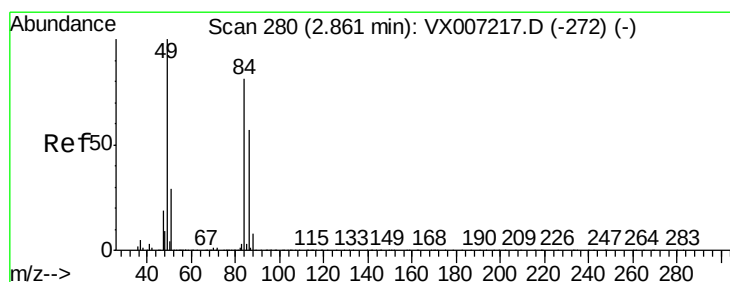
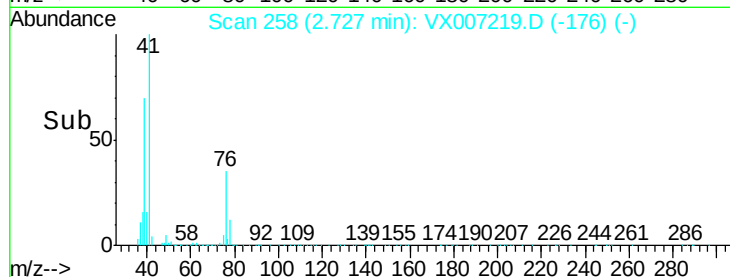
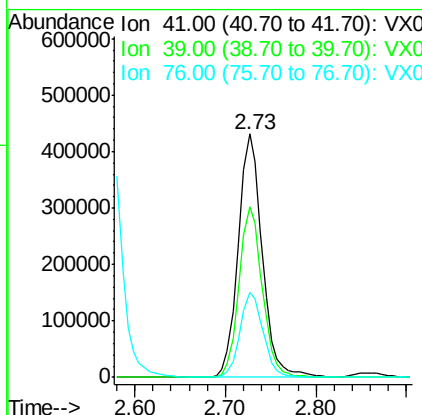
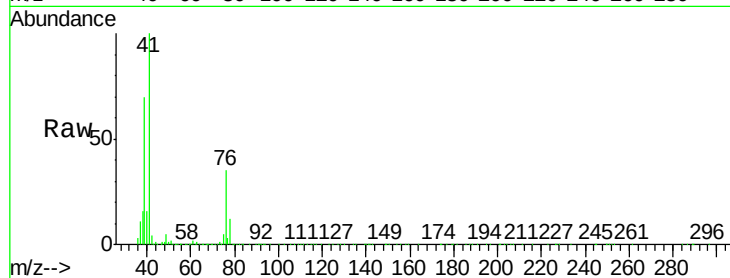
#17
Allvl chloride
Concen: 72.850 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	791674
Ion	Ratio	Lower	Upper
41	100		
39	70.2	31.8	95.4
76	34.9	15.3	45.8

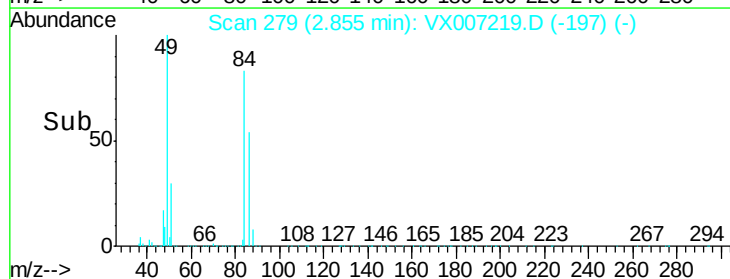
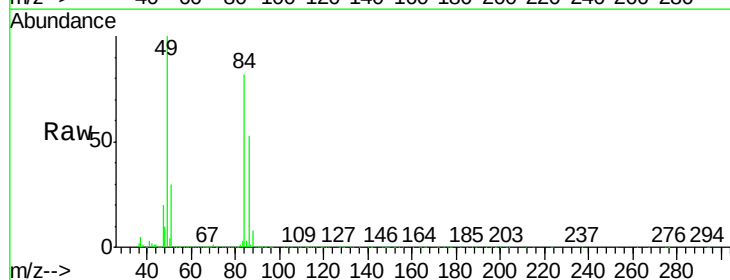
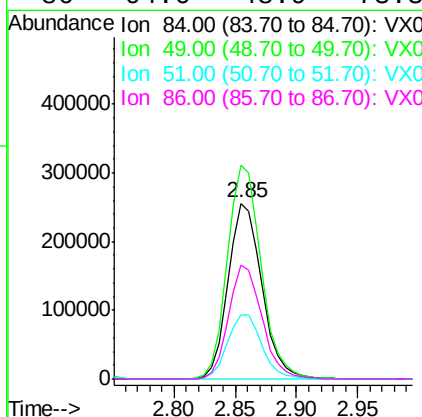
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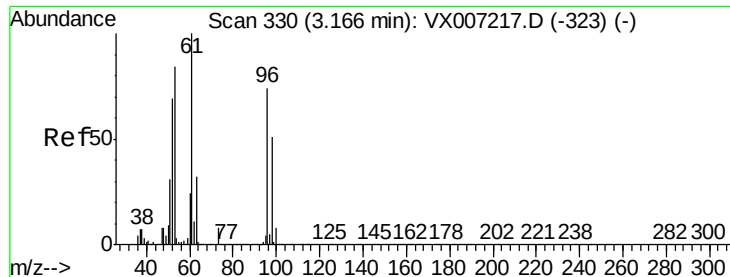
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#18
Methylene Chloride
Concen: 85.815 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion:	84	Resp:	487709
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.2	159.4
51	36.1	31.3	46.9
86	64.6	48.9	73.3





#19

trans-1,2-Dichloroethene

Concen: 91.397 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

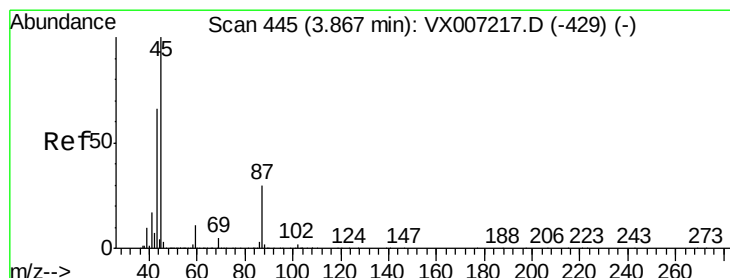
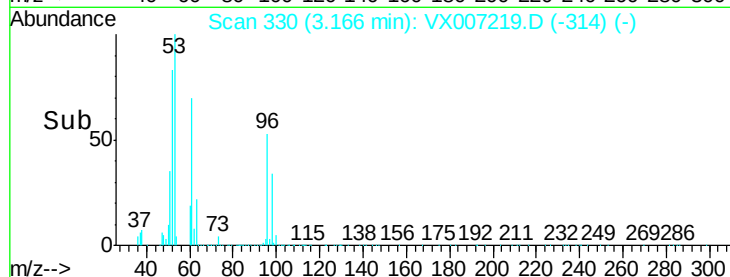
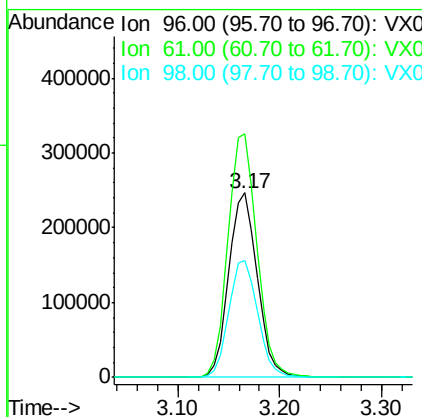
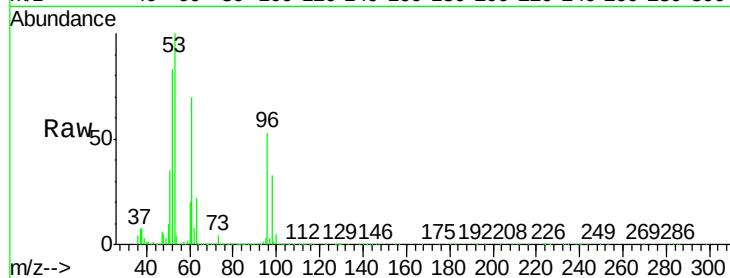
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	477195
Ion	Ratio	Lower	Upper
96	100		
61	131.9	119.5	179.3
98	63.2	50.6	75.8

Manual Integrations
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#20

Diisopropyl ether

Concen: 77.434 ug/l

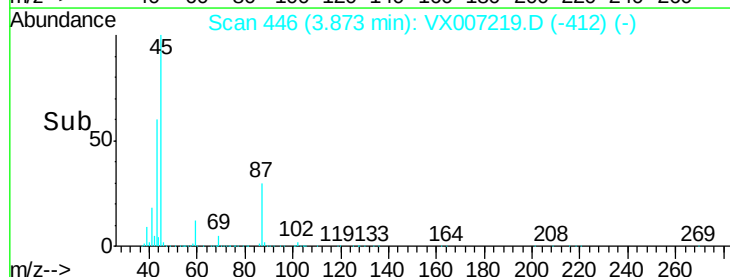
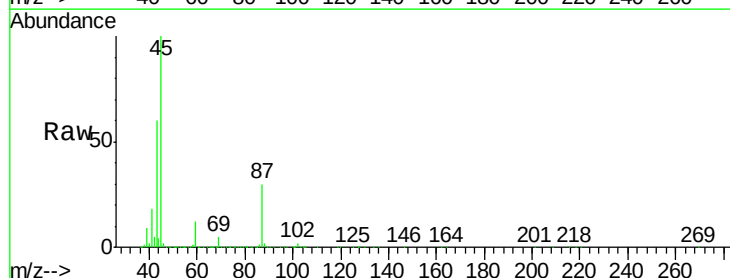
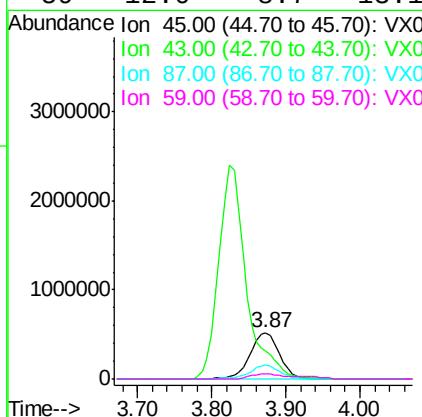
RT: 3.87 min Scan# 446

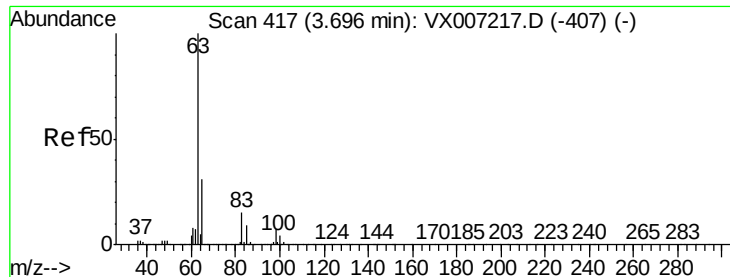
Delta R.T. 0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Tgt Ion:	45	Resp:	1434751
Ion	Ratio	Lower	Upper
45	100		
43	59.8	49.8	74.8
87	29.7	19.1	28.7#
59	12.0	8.7	13.1





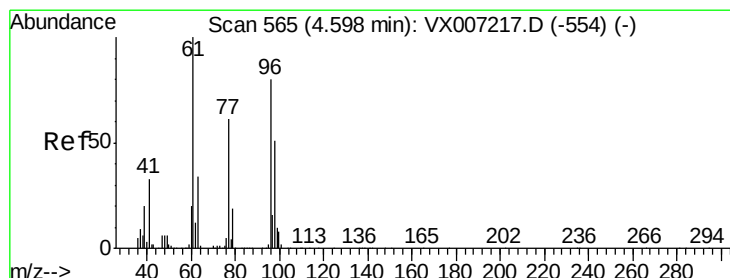
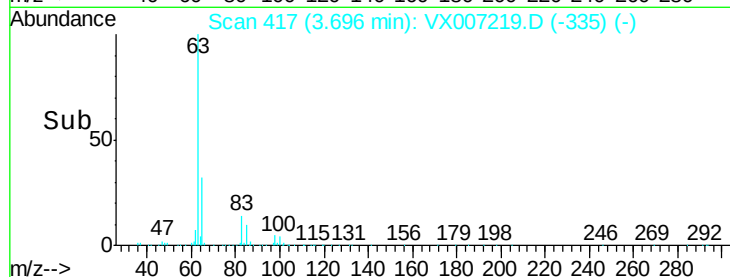
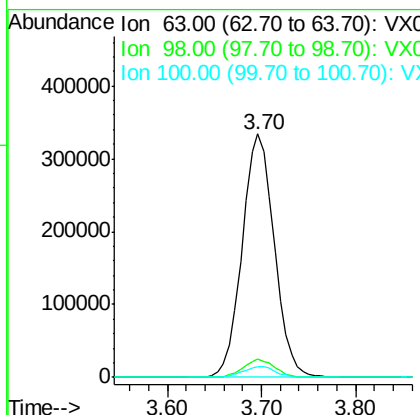
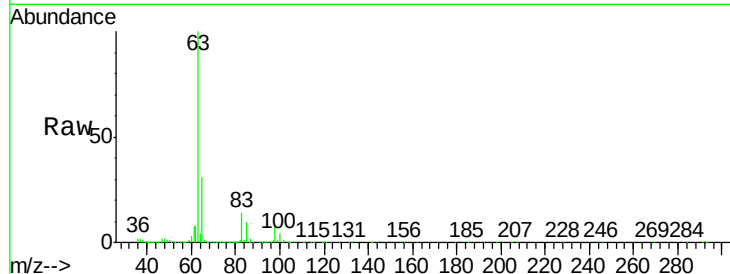
#21
1,1-Dichloroethane
Concen: 77.598 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100	792189		
98	7.6	3.2	9.6	
100	4.4	2.1	6.5	

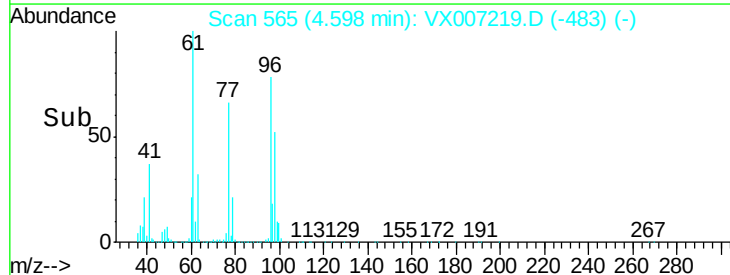
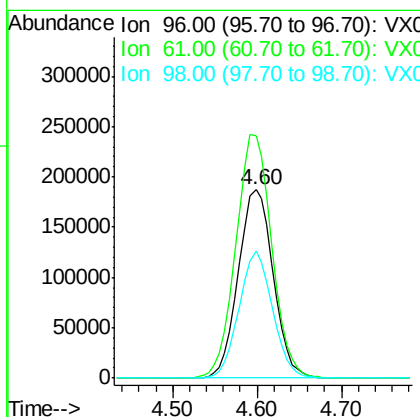
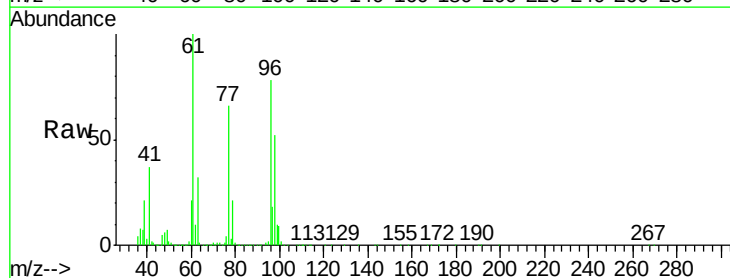
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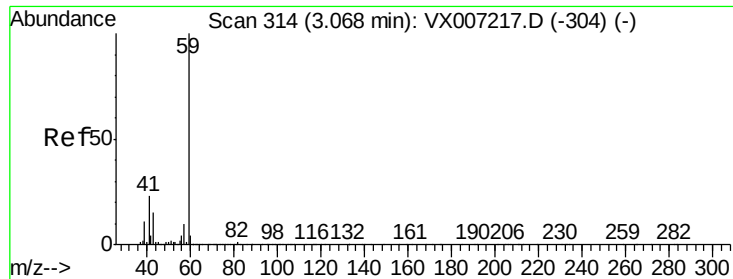
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1/28/2019 12:05:12 PM



#22
cis-1,2-Dichloroethene
Concen: 91.064 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	525937		
61	132.8	123.3	184.9	
98	64.6	51.4	77.0	





#23

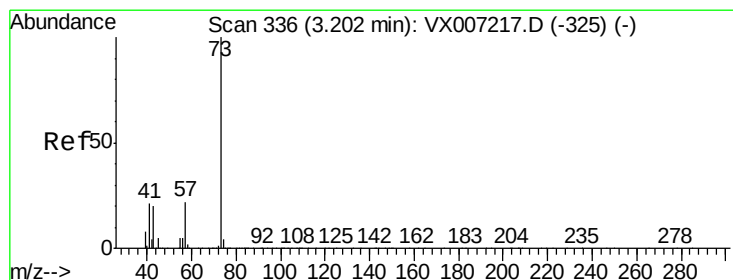
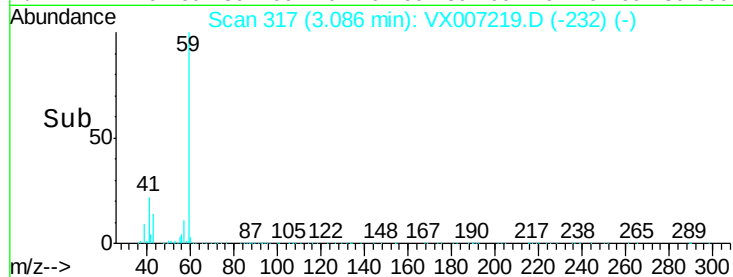
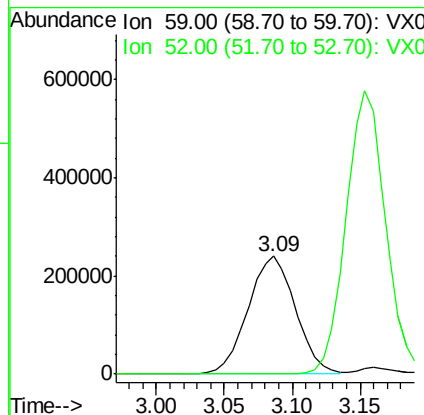
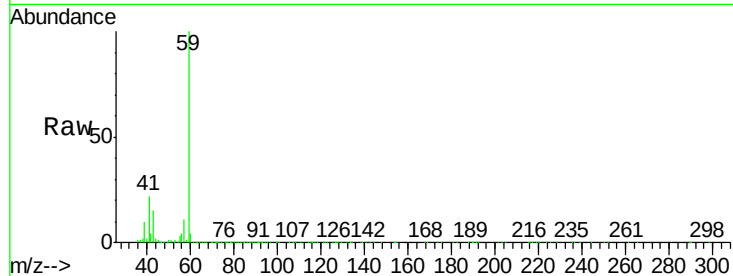
tert-Butyl Alcohol
Concen: 312.519 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.02 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 580897
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#

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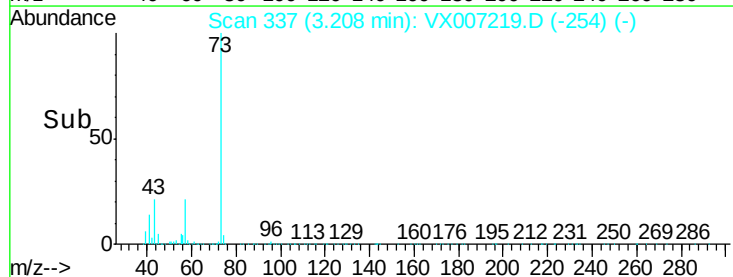
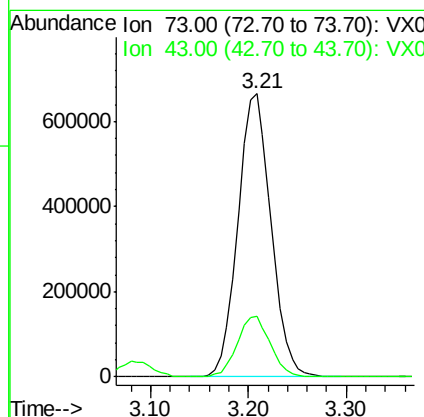
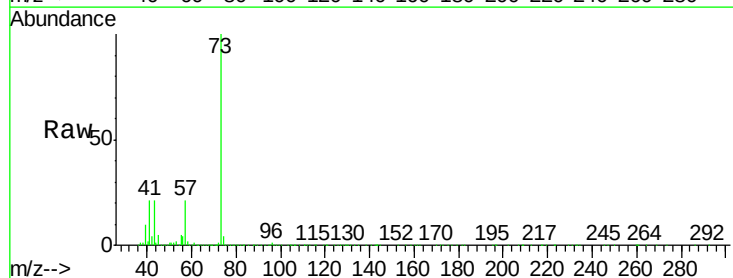
MMDadoda
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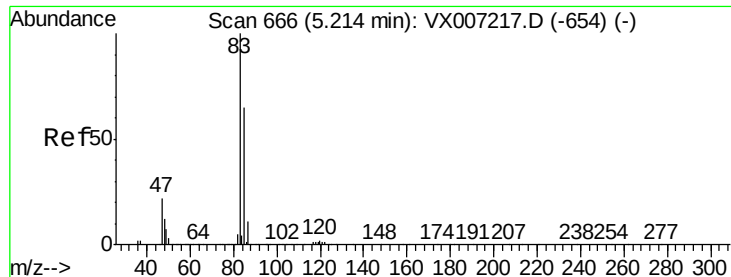


#24

Methyl tert-Butyl Ether
Concen: 87.013 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion: 73 Resp: 1562673
Ion Ratio Lower Upper
73 100
43 21.2 16.3 24.5





#25

Chloroform

Concen: 87.335 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 839122

Ion Ratio Lower Upper

83 100

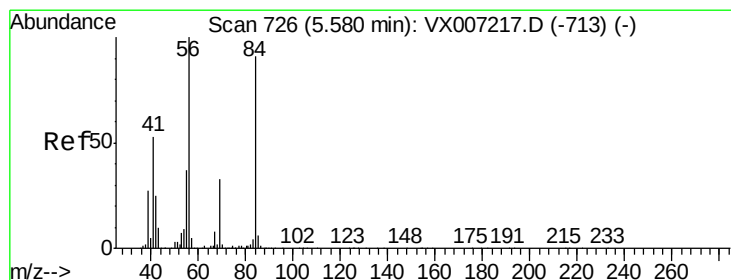
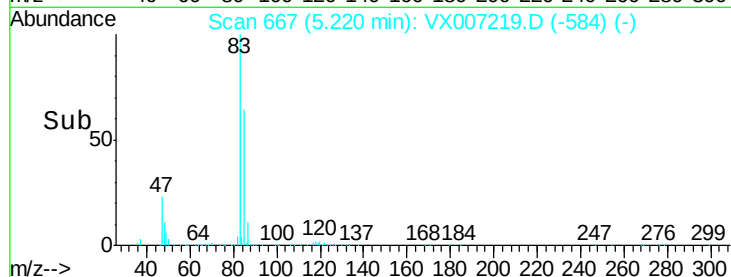
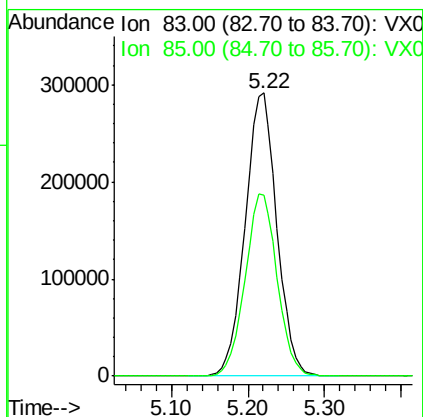
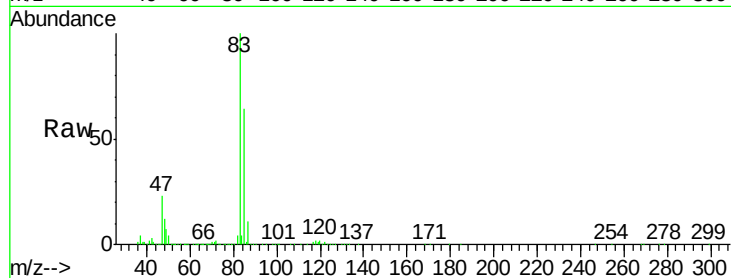
85 63.9 53.1 79.7

Manual Integrations

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#26

Cyclohexane

Concen: 78.647 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

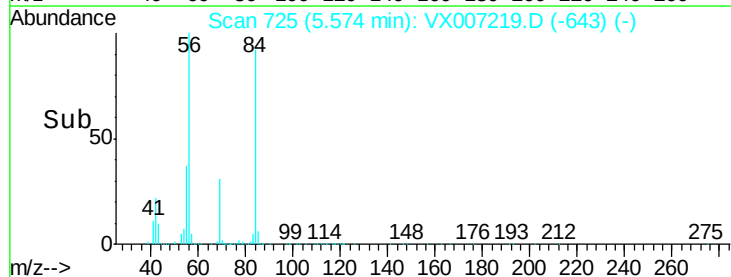
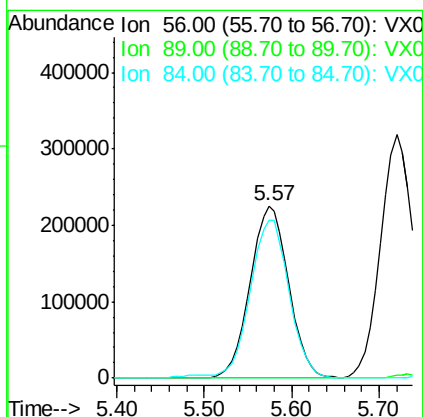
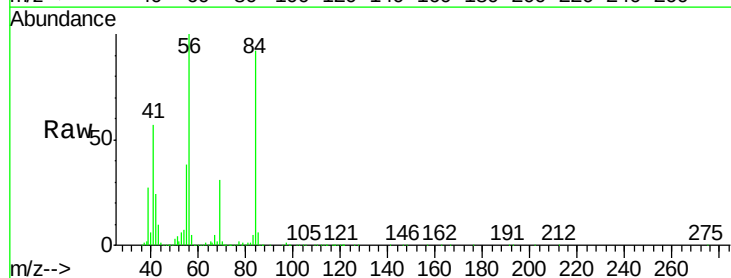
Tgt Ion: 56 Resp: 689046

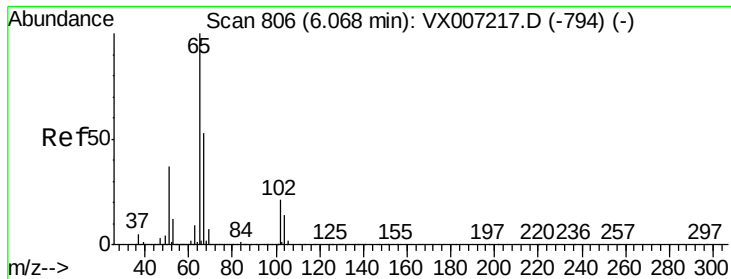
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 92.8 65.8 98.6





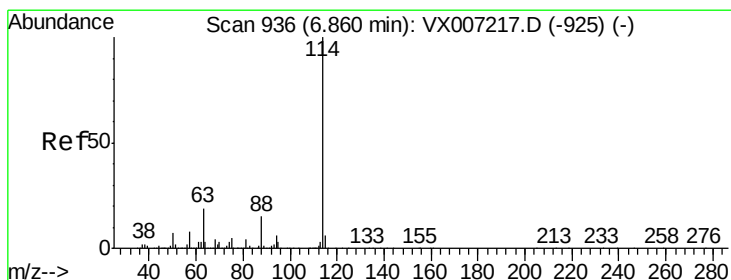
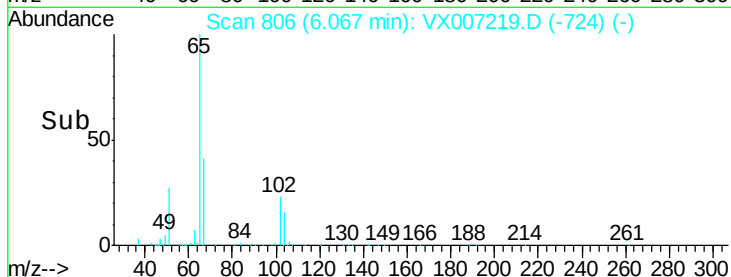
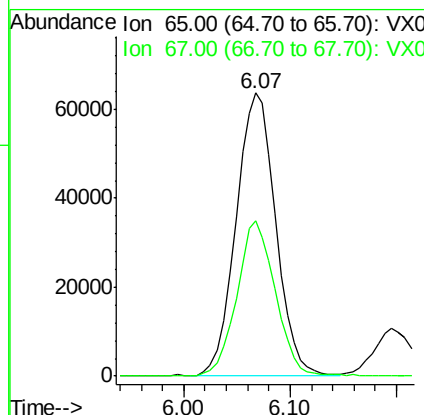
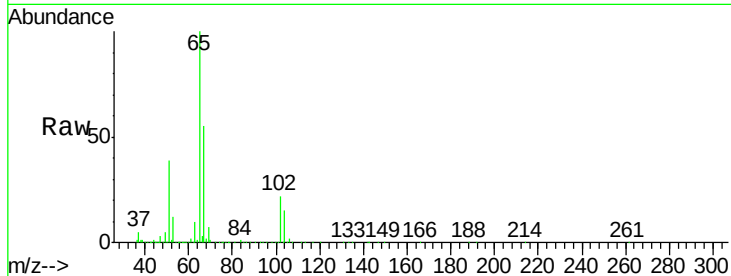
#27
 1,2-Dichloroethane-d4
 Concen: 25.593 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	43.0	64.6

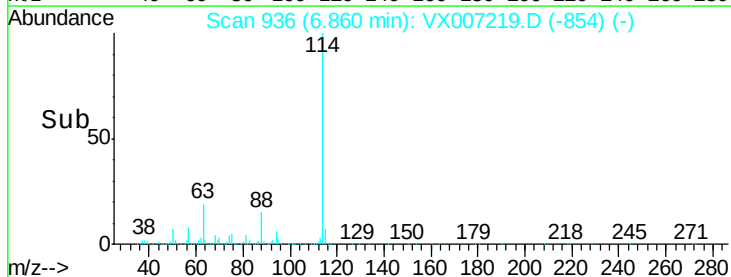
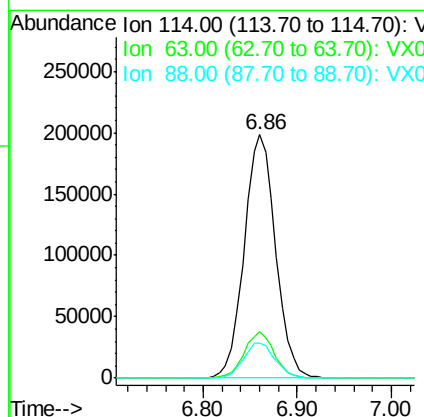
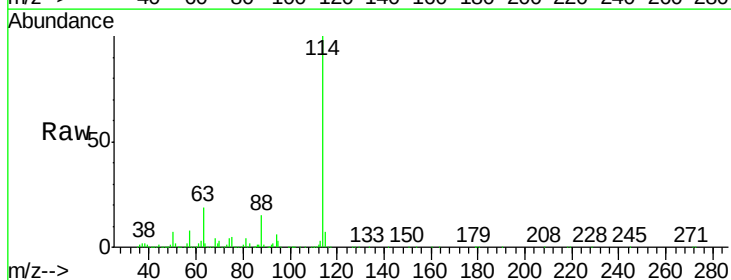
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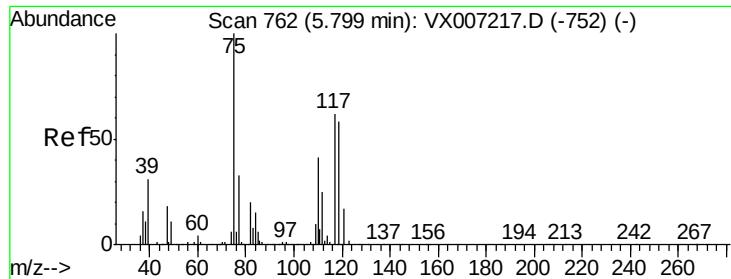
MMDadoda
 1/28/2019 12:05:12 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.6	24.8
88	14.7	12.4	18.6





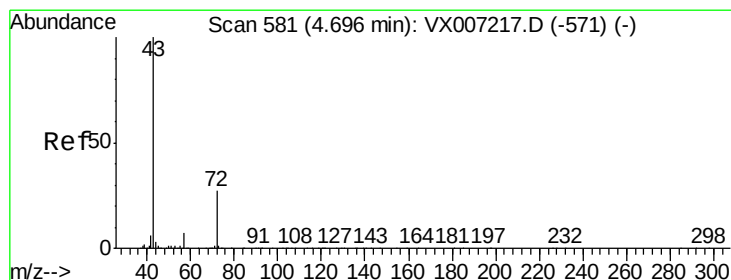
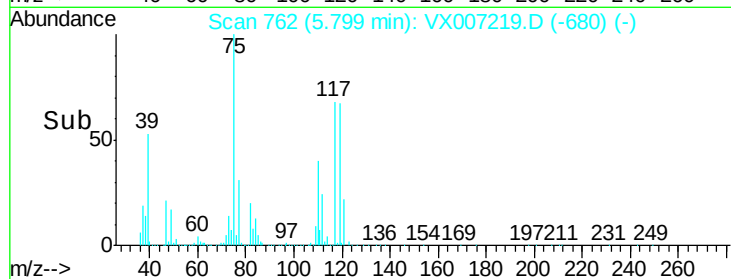
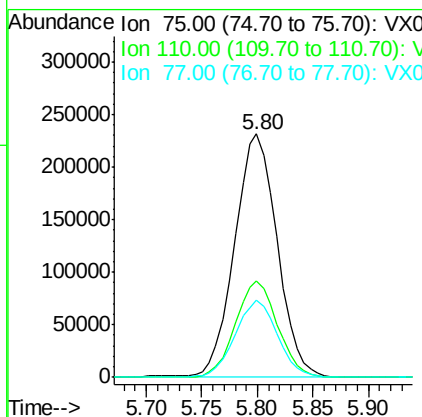
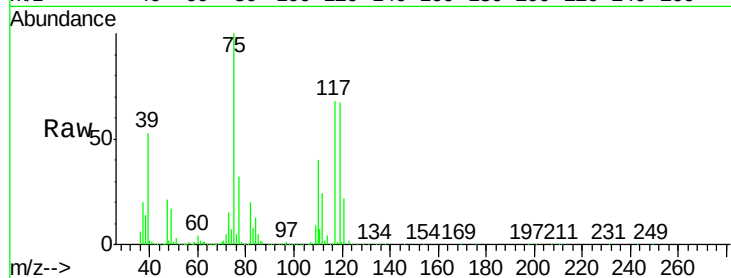
#29
 1,1-Dichloropropene
 Concen: 90.297 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.3	0.0	70.8
77	31.2	0.0	63.0

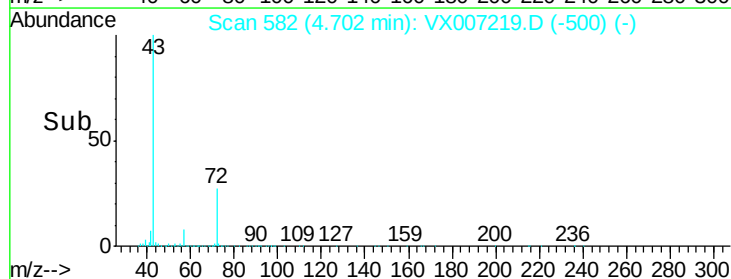
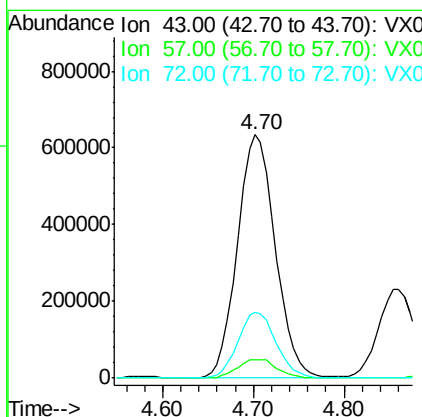
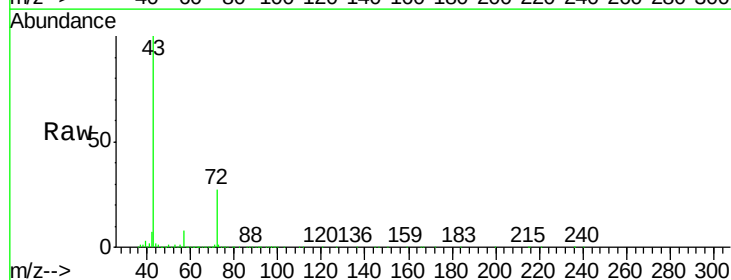
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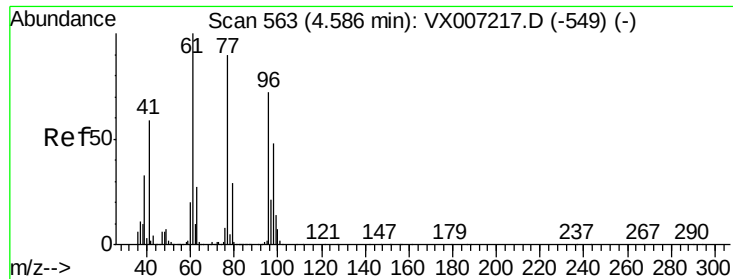
MMDadoda
 1/28/2019 12:05:12 PM



#30
 2-Butanone
 Concen: 330.754 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	27.3	19.7	29.5





#31

2,2-Dichloropropane

Concen: 84.564 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 633032

Ion Ratio Lower Upper

77 100

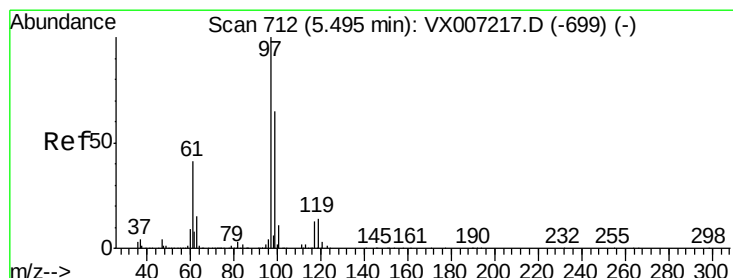
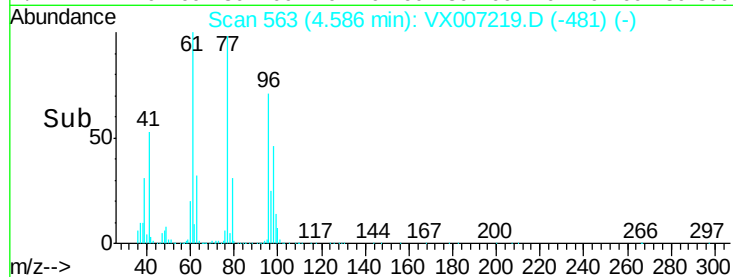
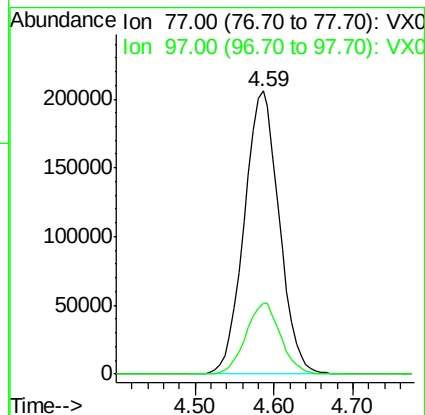
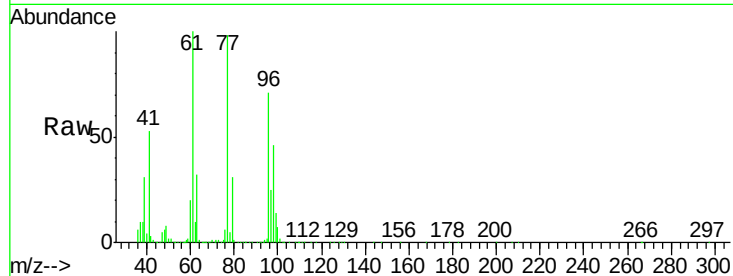
97 25.0 18.5 27.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 93.648 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

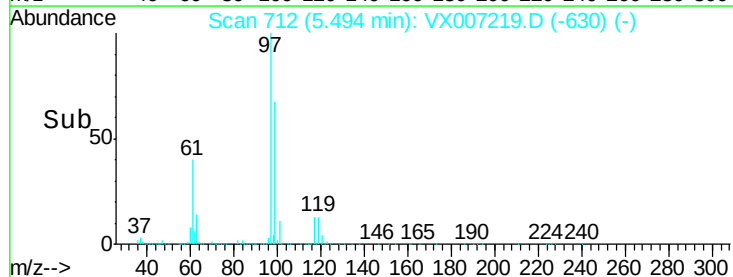
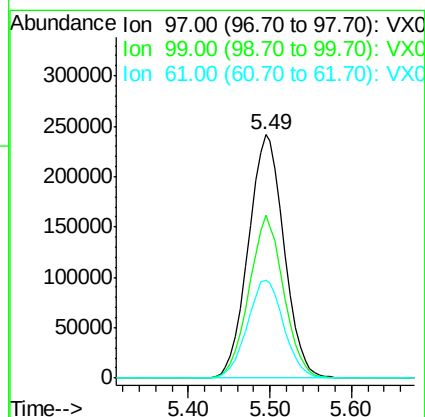
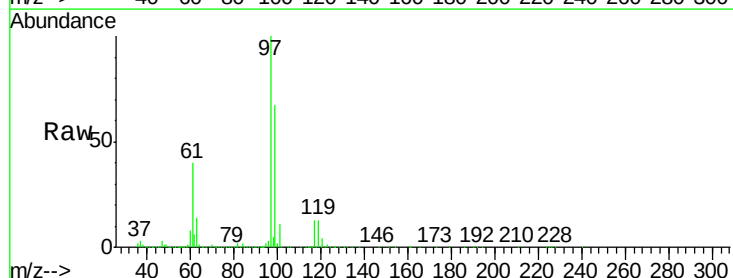
Tgt Ion: 97 Resp: 734481

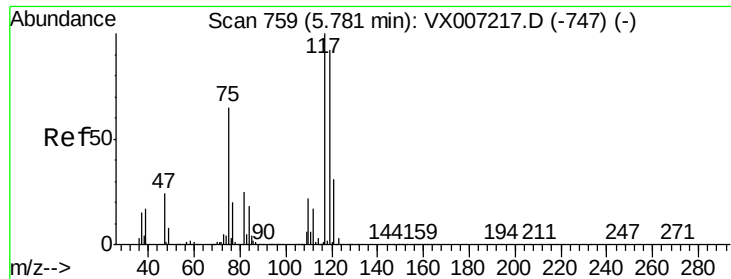
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 41.2 35.8 53.6





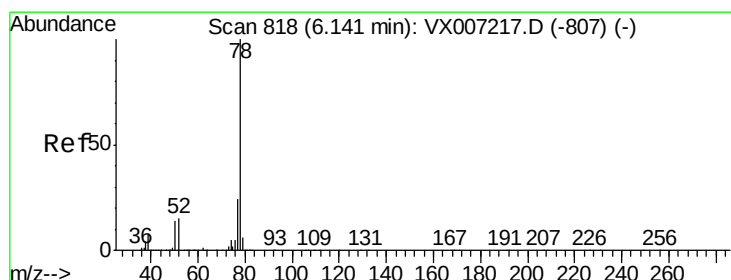
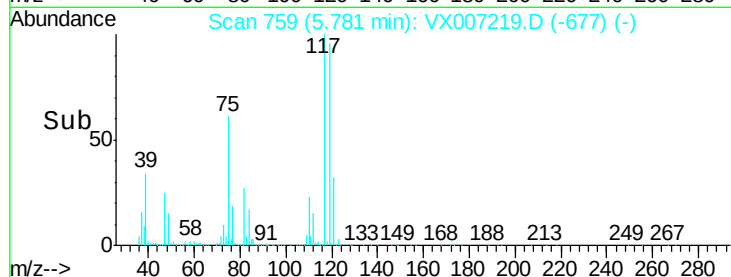
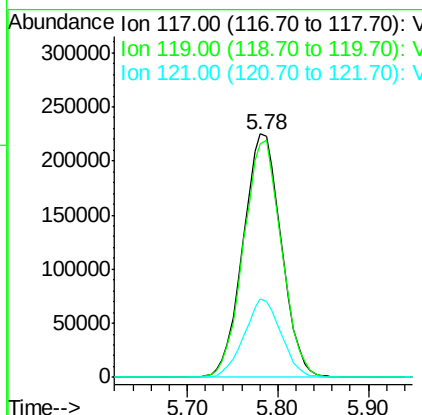
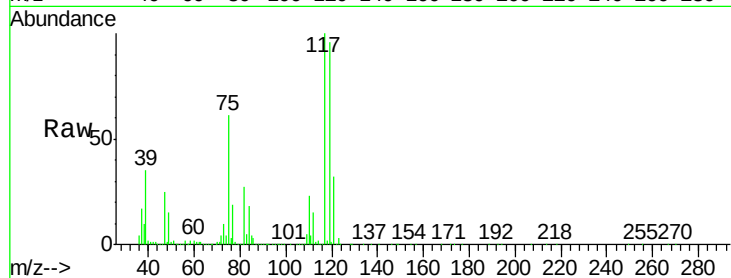
#33
Carbon Tetrachloride
Concen: 95.328 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
121	32.1	25.2	37.8

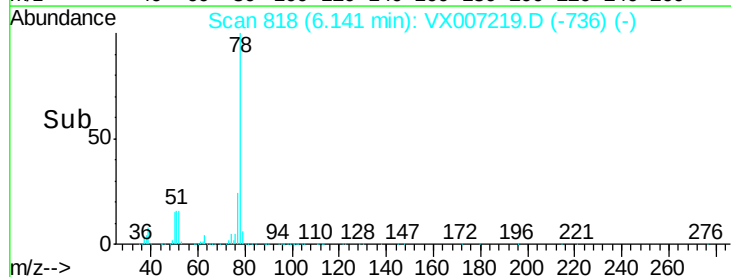
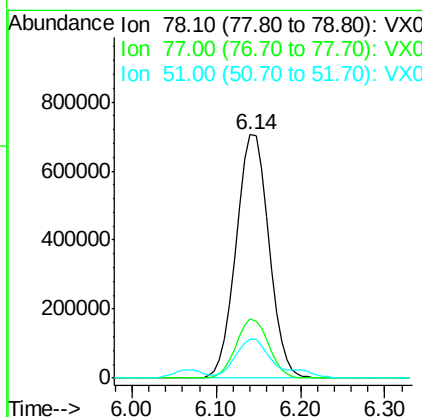
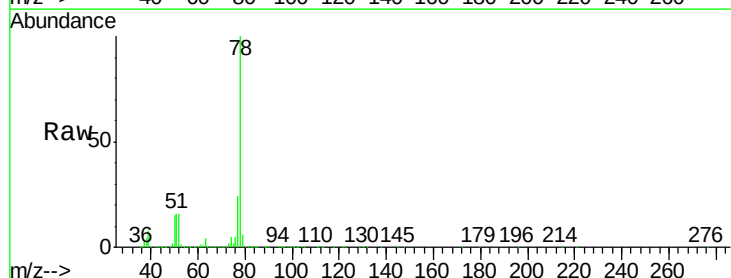
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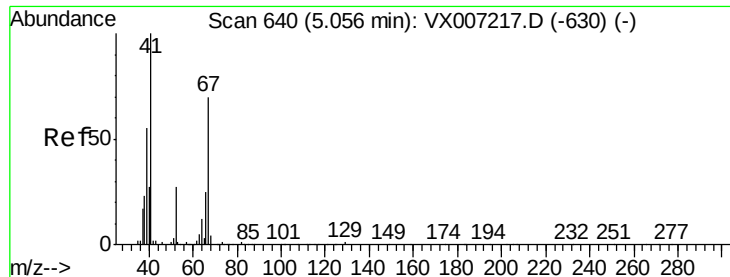
MMDadoda
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#34
Benzene
Concen: 89.778 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8
51	16.1	13.8	20.6





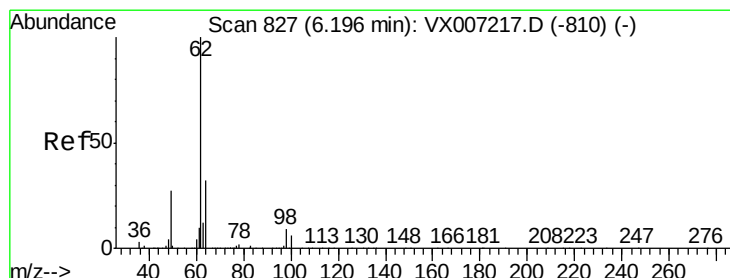
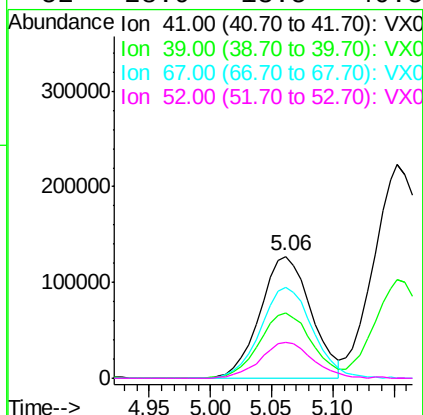
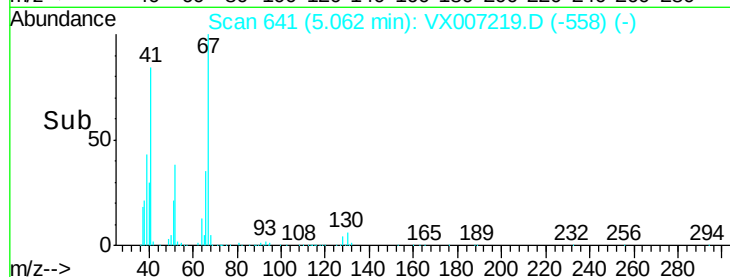
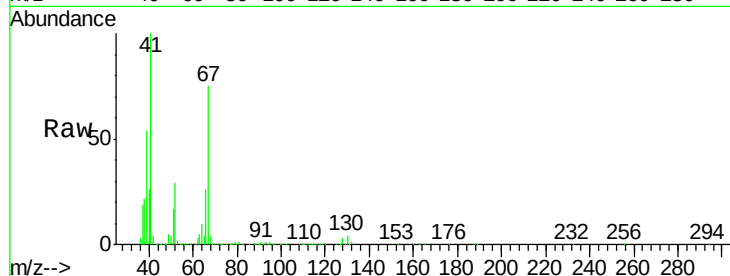
#35
Methacrylonitrile
Concen: 71.362 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	26.1	78.3	
67	75.0	32.3	96.9	
52	28.9	13.5	40.5	

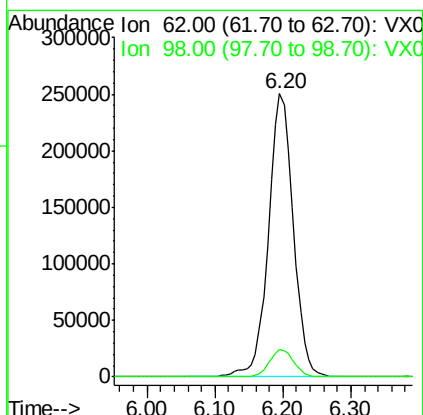
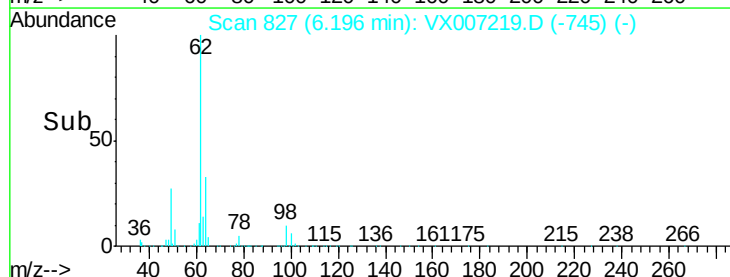
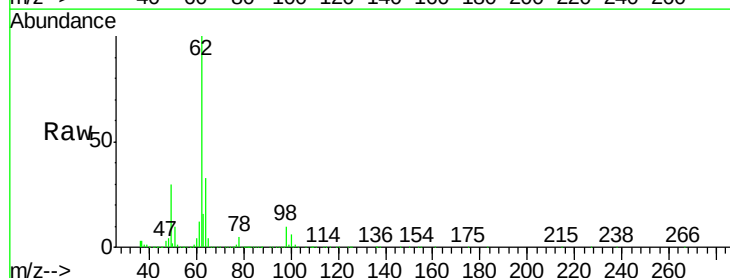
Manual Integrations
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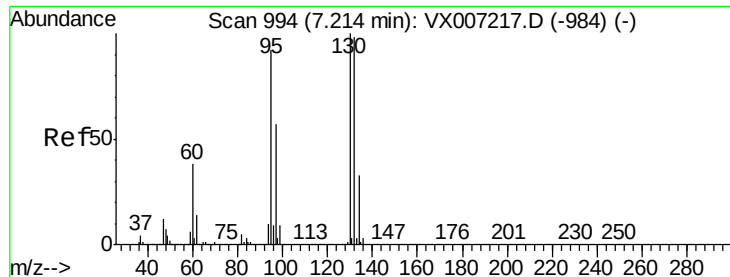
MMDadoda
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#36
1,2-Dichloroethane
Concen: 85.684 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	7.5	11.3	





#37

Trichloroethene

Concen: 99.679 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 543626

Ion Ratio Lower Upper

130 100

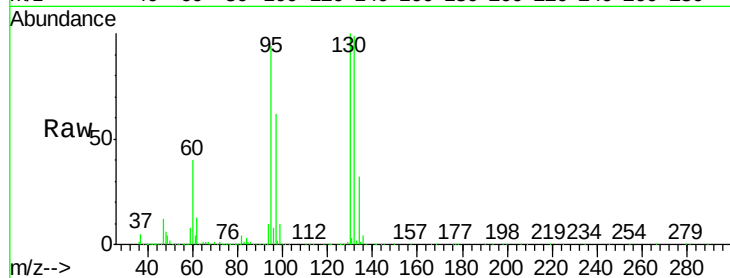
95 93.5 78.5 117.7

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

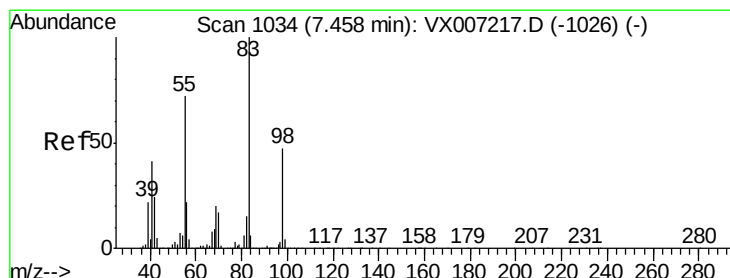
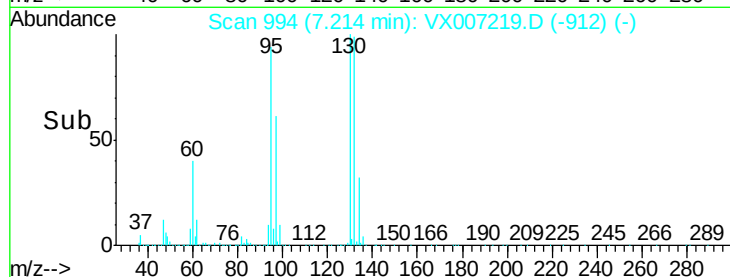
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 94.810 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

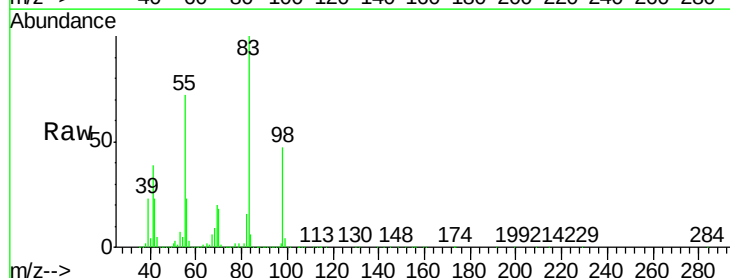
Tgt Ion: 83 Resp: 768000

Ion Ratio Lower Upper

83 100

55 71.4 41.8 125.3

98 47.9 22.4 67.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

400000

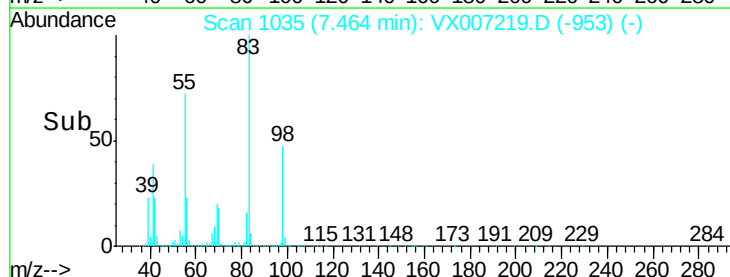
300000

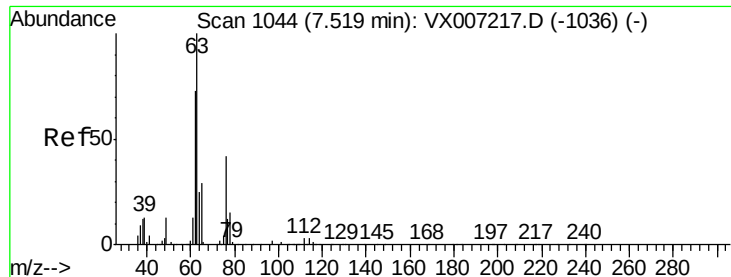
200000

100000

0

Time--> 7.40 7.45 7.50 7.60





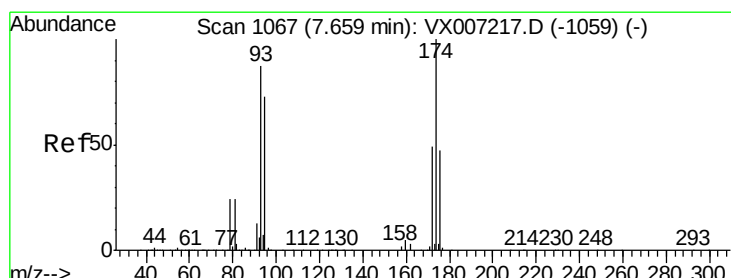
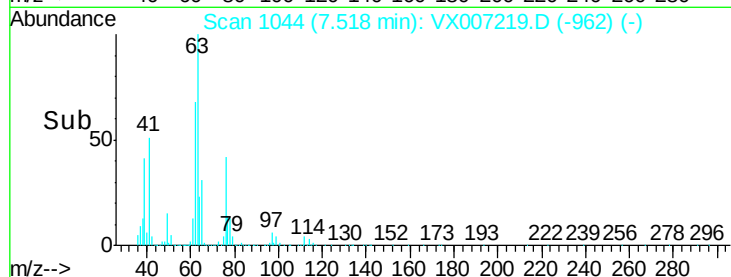
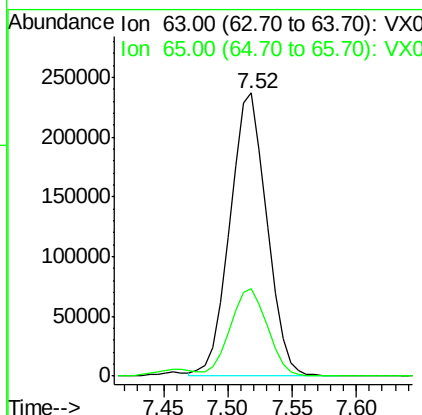
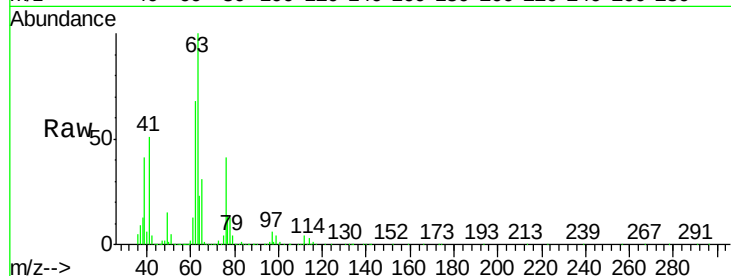
#39
 1,2-Dichloropropane
 Concen: 85.801 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.2	34.8

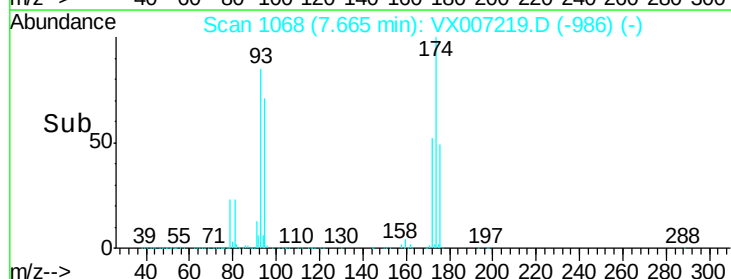
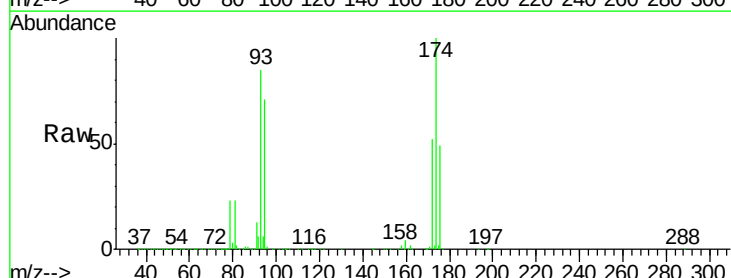
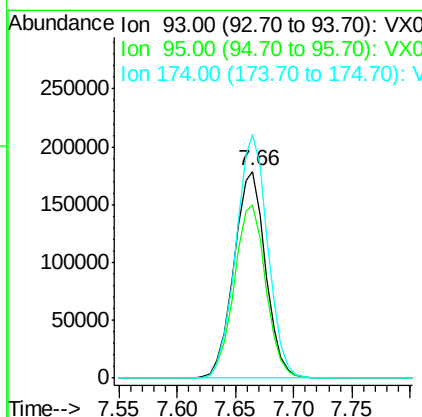
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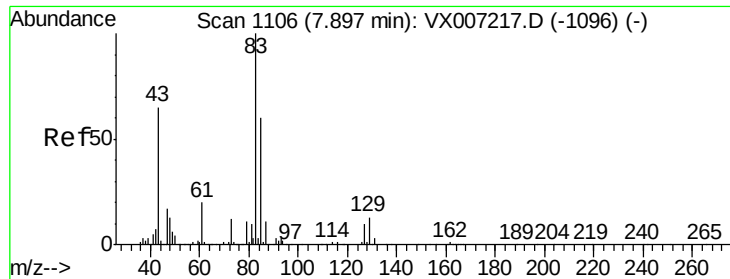
MMDadoda
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#40
 Dibromomethane
 Concen: 94.780 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	172.4
174	118.1	0.0	234.0





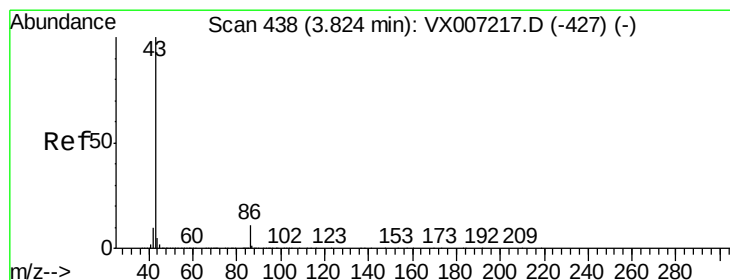
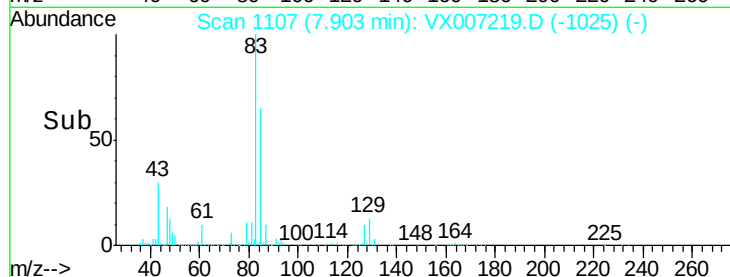
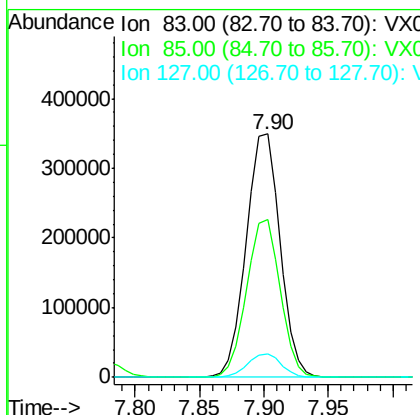
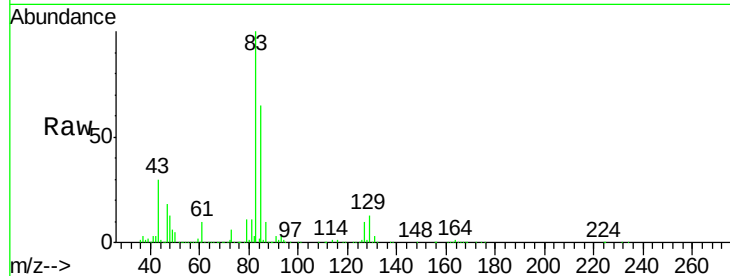
#41
Bromodichloromethane
Concen: 92.333 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4
127	9.6	6.9	10.3

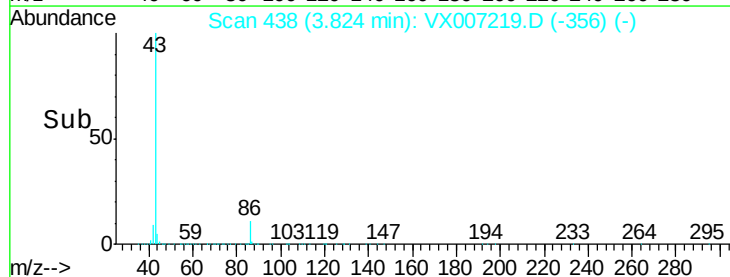
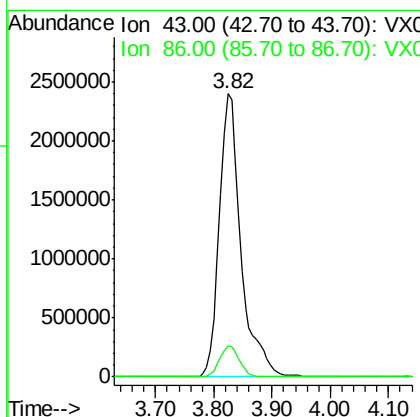
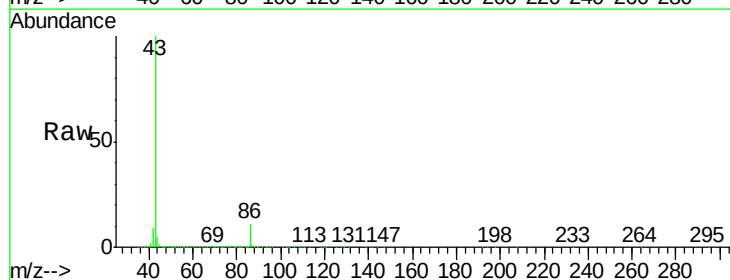
Manual Integrations
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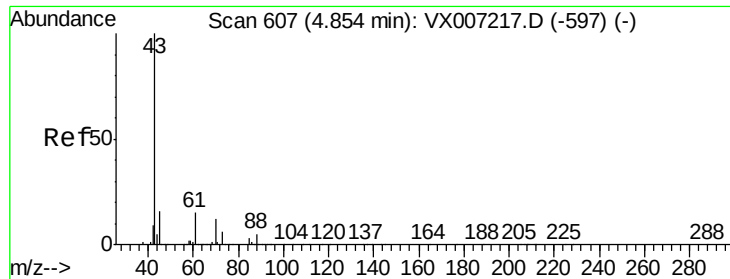
MMDadoda
1/28/2019 12:05:12 PM



#42
Vinyl Acetate
Concen: 387.068 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.9	6.6	10.0





#43

Ethyl Acetate

Concen: 73.443 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 672040

Ion Ratio Lower Upper

43 100

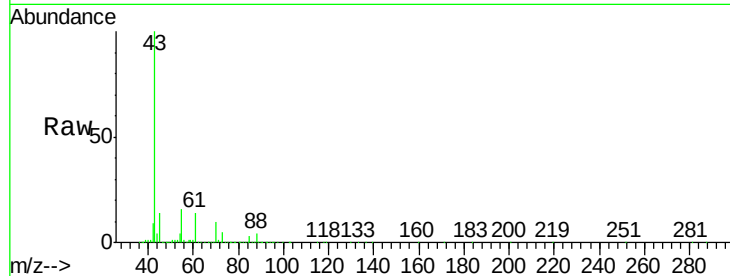
45 15.0 12.3 18.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

600000

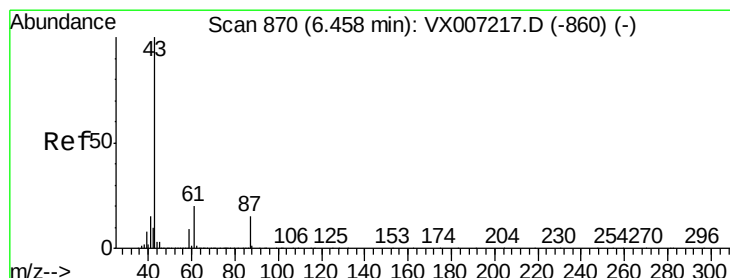
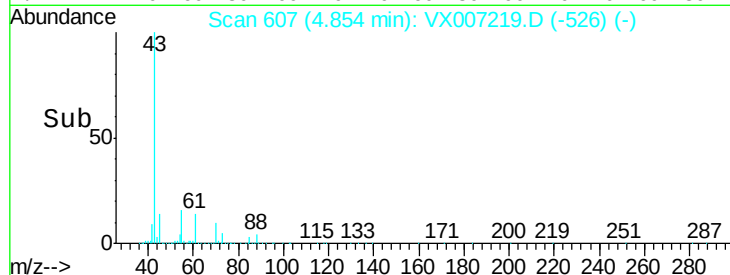
400000

200000

0

4.85

Time-->



#44

Isopropyl Acetate

Concen: 79.970 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX007219.D

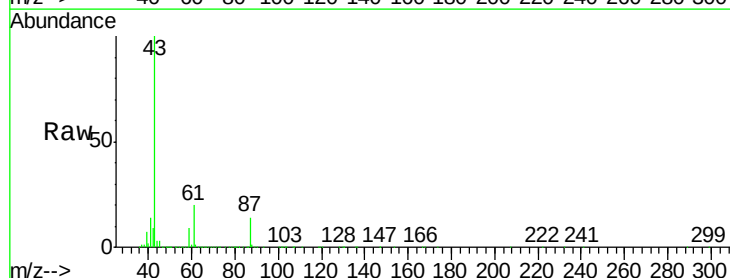
Acq: 25 Jan 2019 10:17

Tgt Ion: 43 Resp: 1092027

Ion Ratio Lower Upper

43 100

61 20.1 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

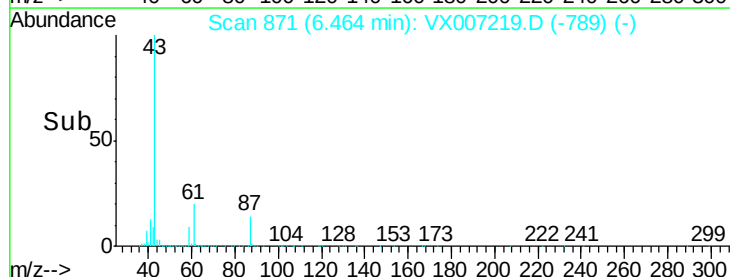
200000

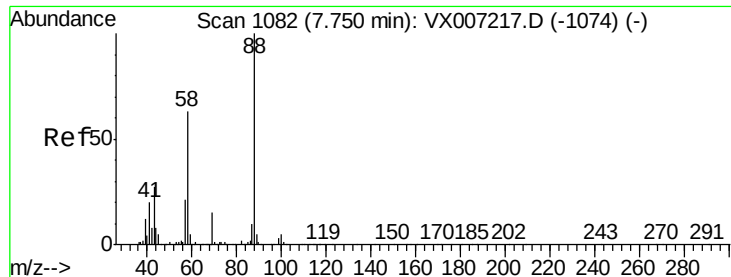
100000

0

6.46

Time-->





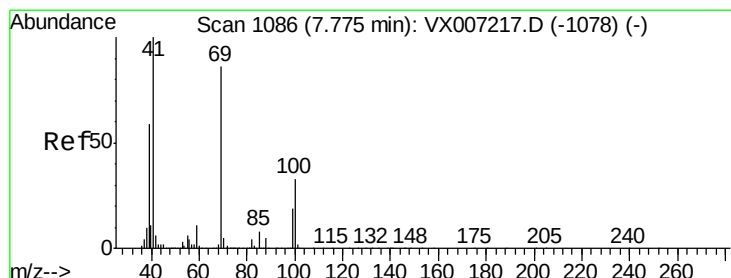
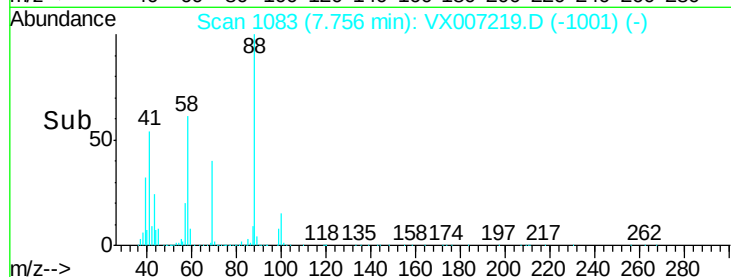
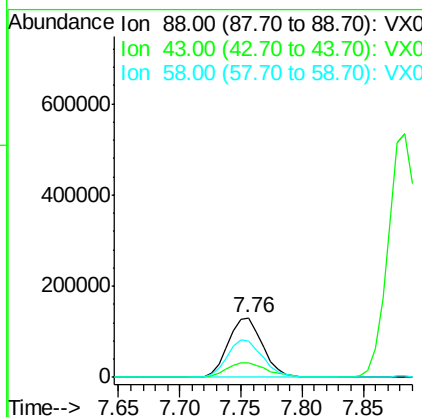
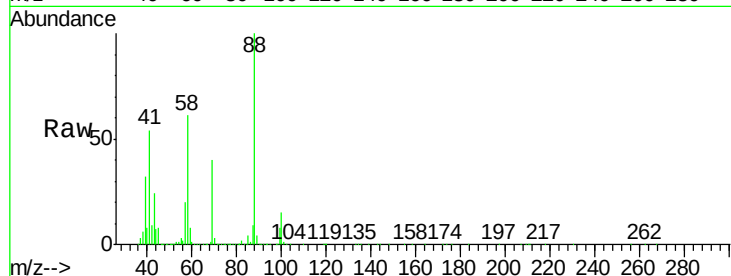
#45
1,4-Dioxane
Concen: 1575.807 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	25.4	38.0
58	65.2	61.0	91.6

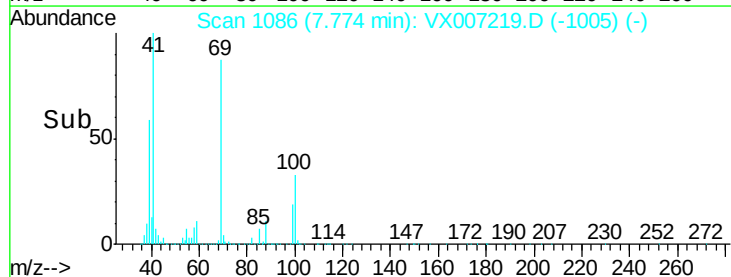
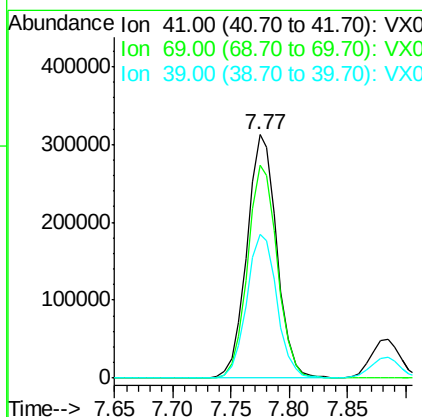
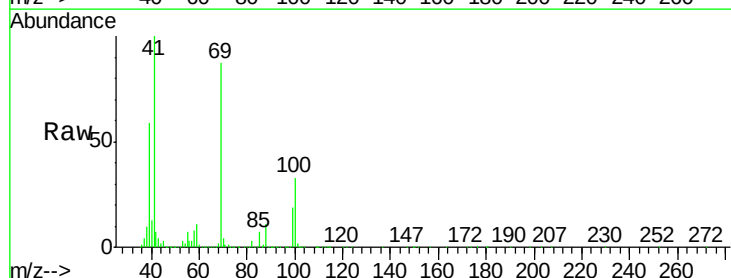
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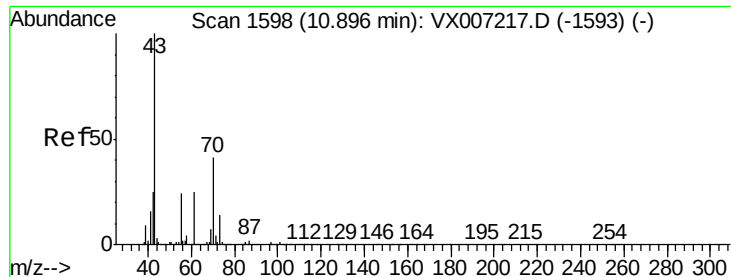
MMDadoda
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#46
Methyl methacrylate
Concen: 78.533 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	41.0	123.0
39	58.8	25.9	77.7





#47

n-amvl Acetate

Concen: 77.051 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 970734

Ion Ratio Lower Upper

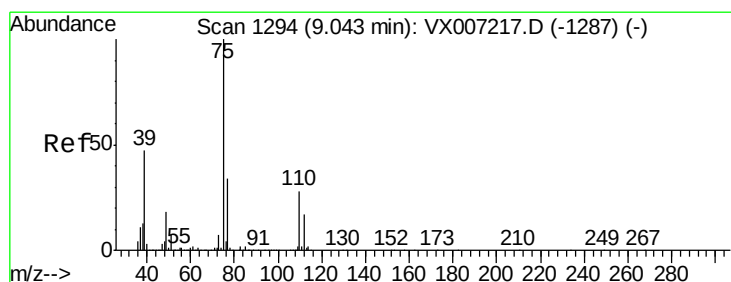
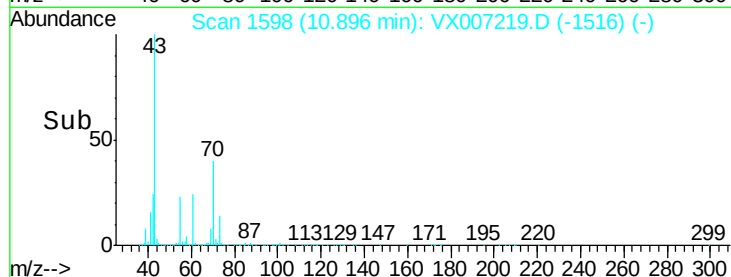
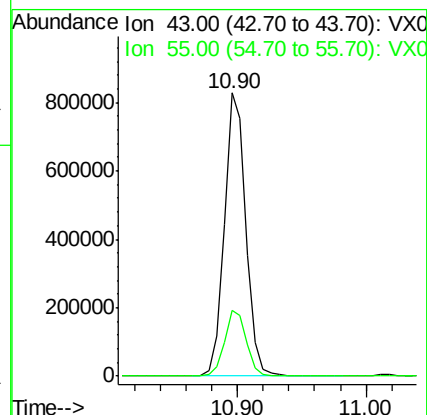
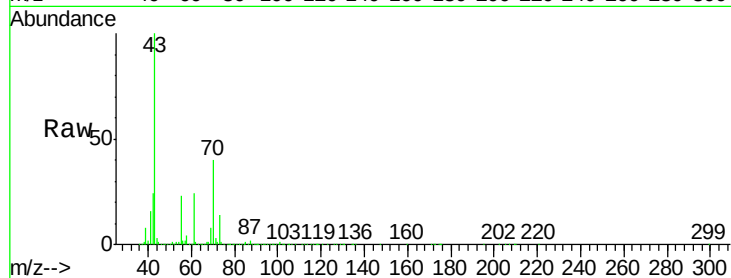
43 100

55 23.8 20.0 30.0

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#48

t-1,3-Dichloropropene

Concen: 90.763 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007219.D

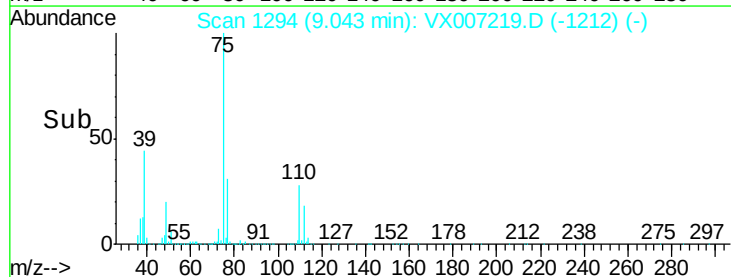
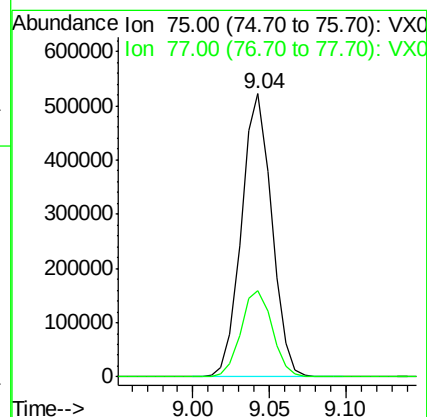
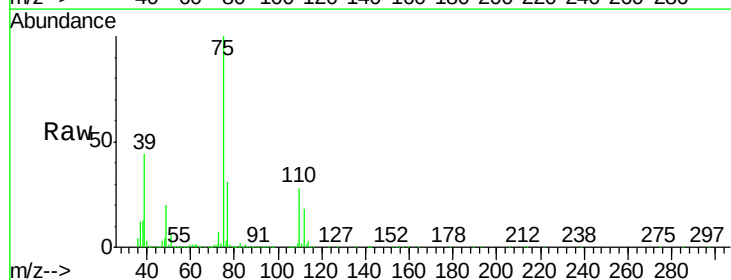
Acq: 25 Jan 2019 10:17

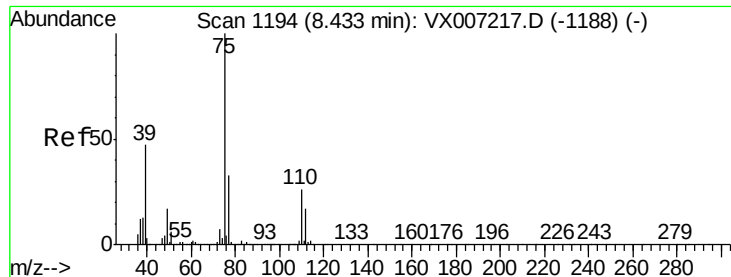
Tgt Ion: 75 Resp: 715728

Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6





#49

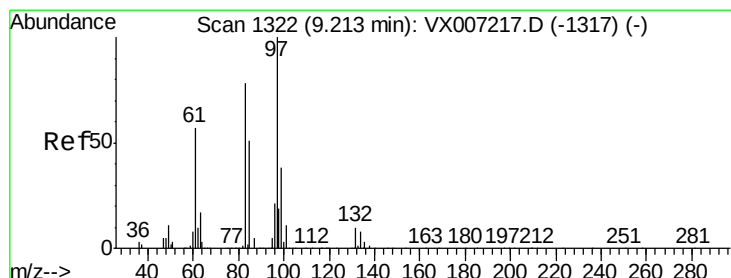
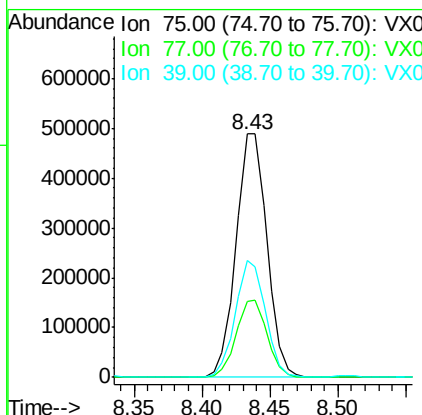
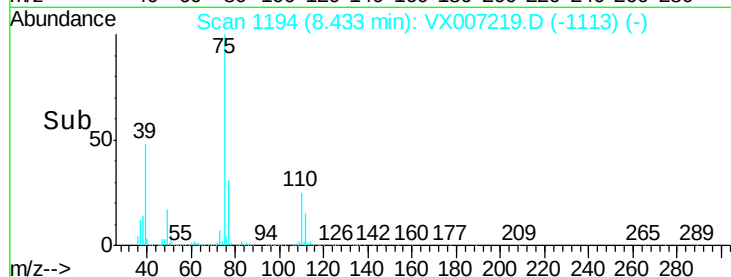
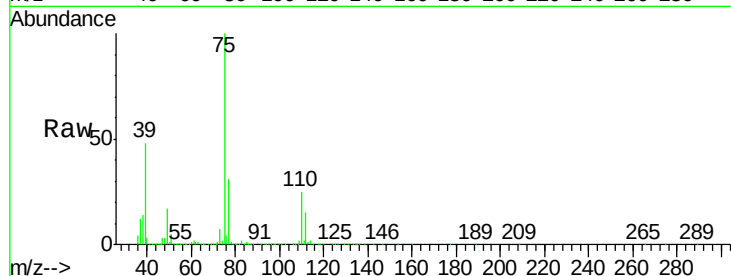
cis-1,3-Dichloropropene
 Concen: 90.813 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	47.9	38.0	57.0

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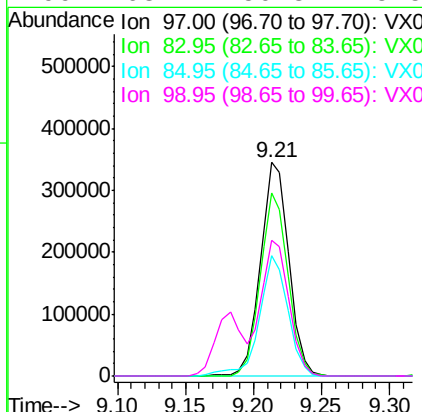
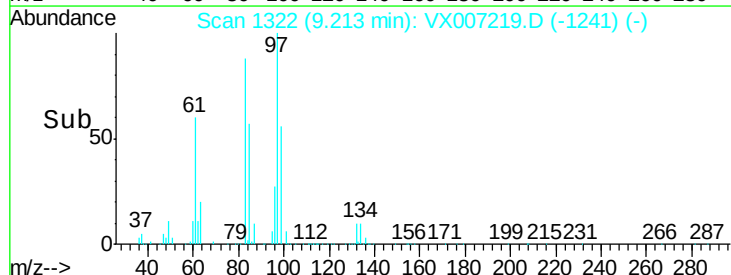
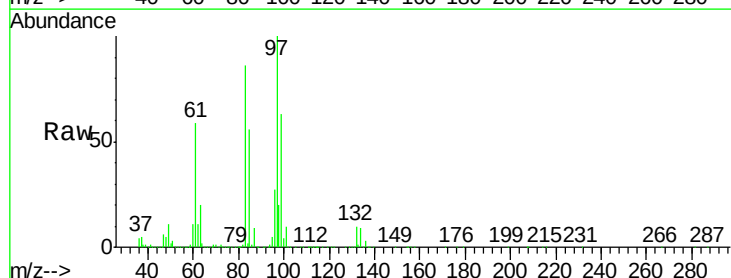
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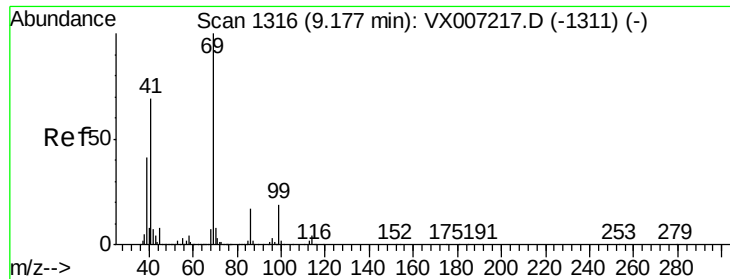


#50

1,1,2-Trichloroethane
 Concen: 93.566 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.2	100.8
85	56.0	44.7	67.1
99	63.4	50.3	75.5





#51

Ethyl methacrylate

Concen: 87.051 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

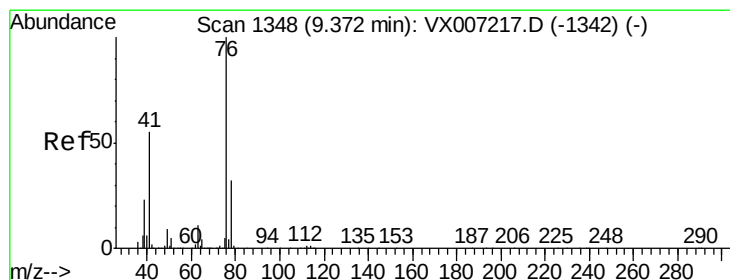
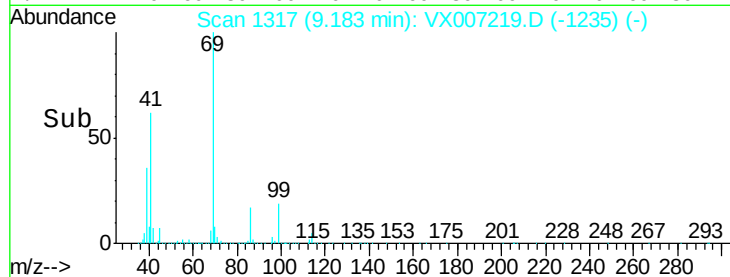
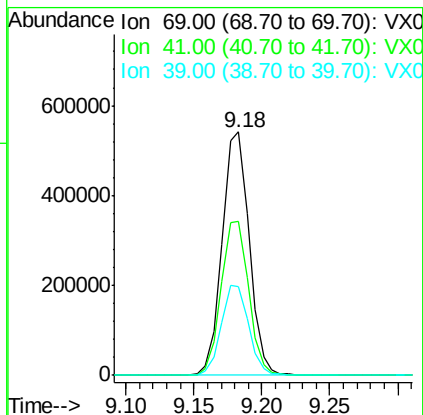
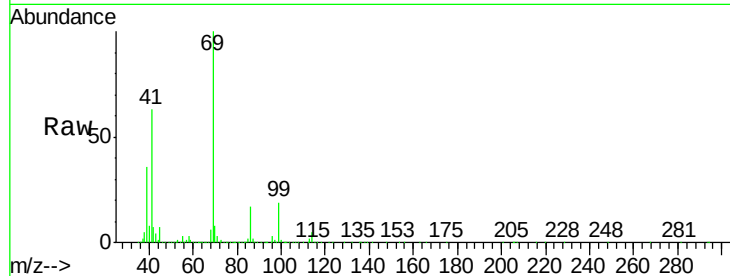
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	747860
Ion Ratio	Lower	Upper	
69	100		
41	63.3	34.6	103.9
39	36.2	17.0	51.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 88.335 ug/l

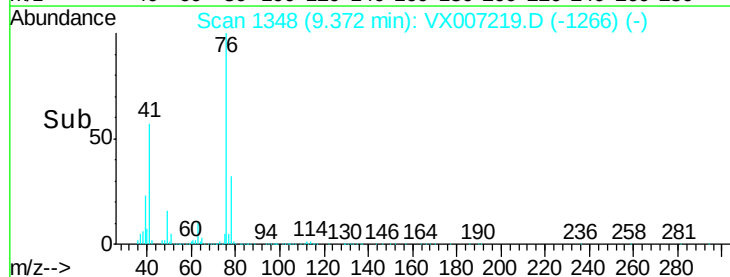
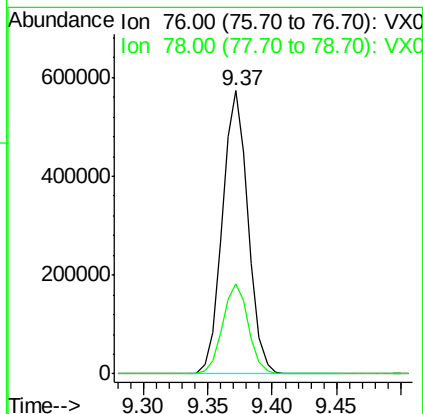
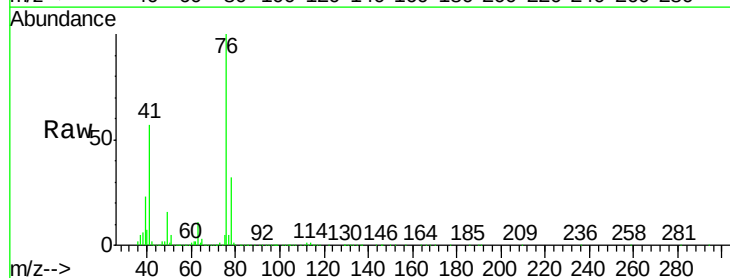
RT: 9.37 min Scan# 1348

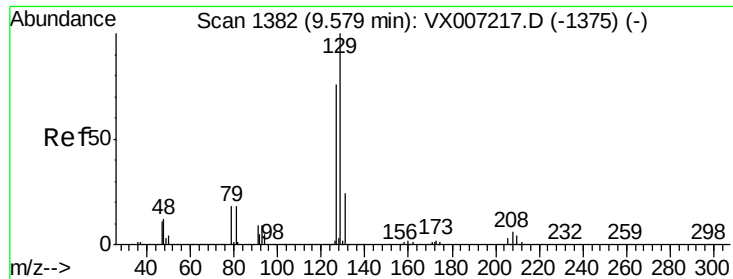
Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Tgt Ion:	76	Resp:	806728
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	64.4





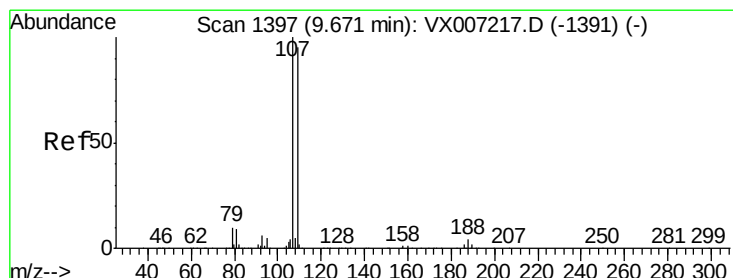
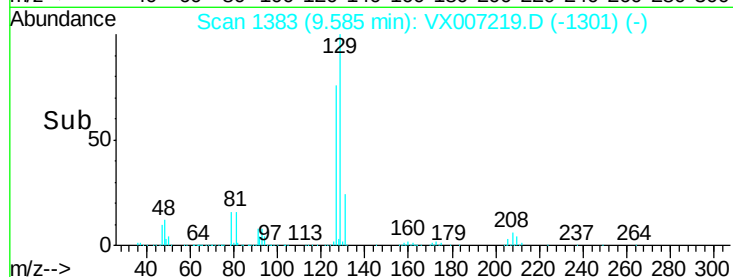
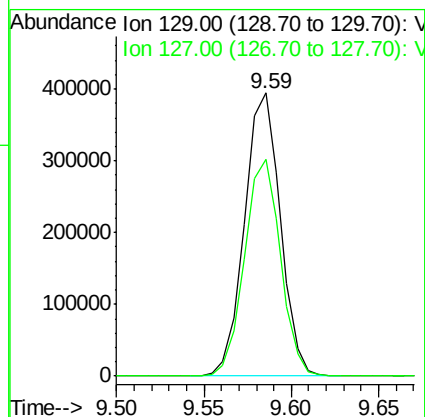
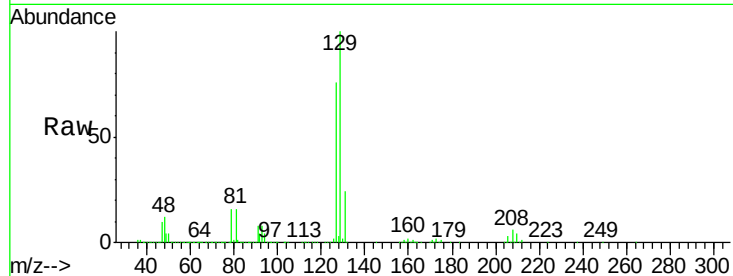
#53
Dibromochloromethane
Concen: 99.993 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.3	114.9

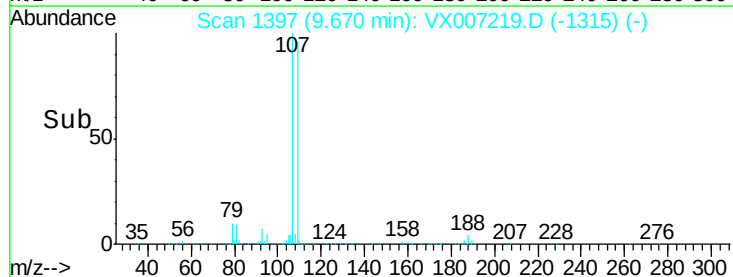
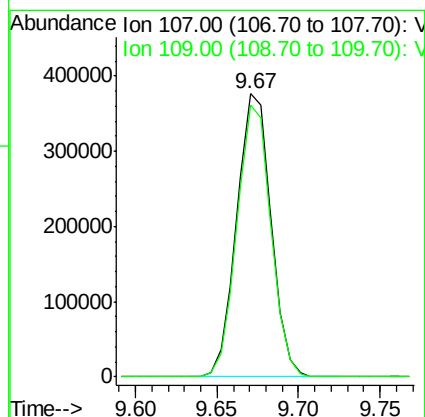
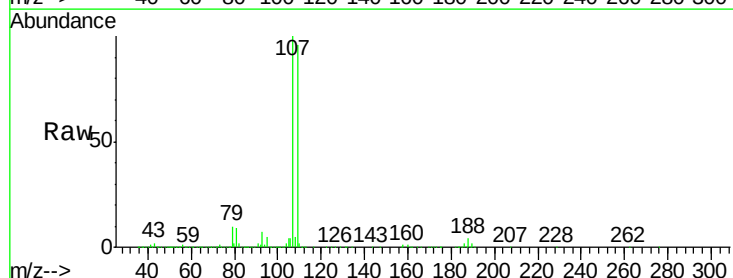
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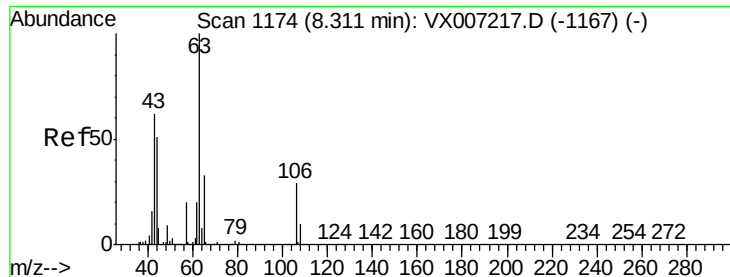
MMDadoda
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#54
1,2-Dibromoethane
Concen: 97.649 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.8	112.2





#55

2-Chloroethyl vinyl ether

Concen: 451.531 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 2046893

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9

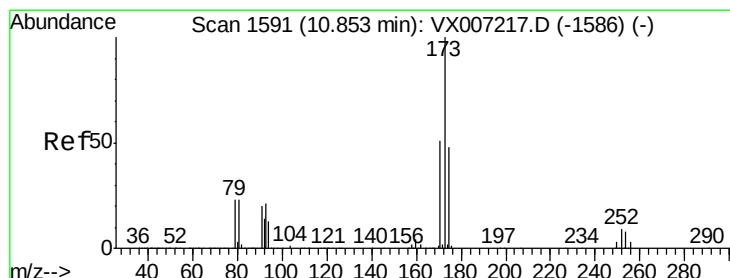
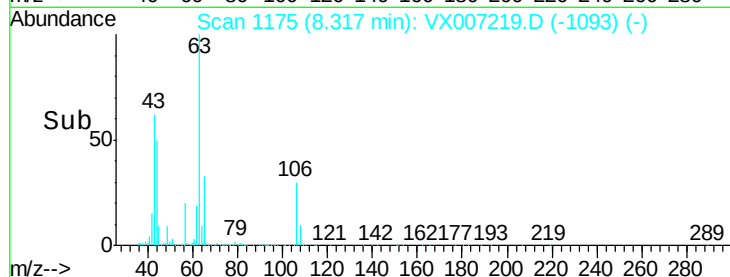
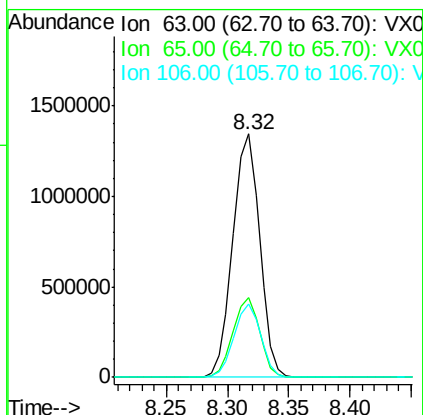
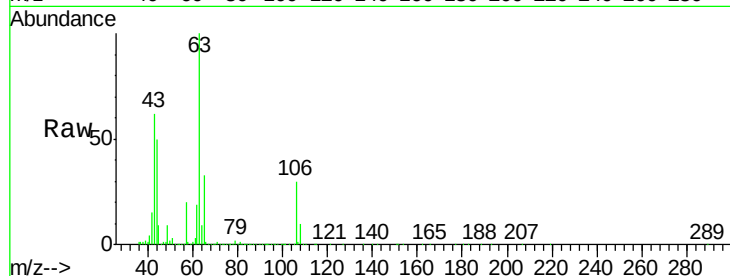
106 29.8 21.8 32.6

Manual Integrations

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#56

Bromoform

Concen: 92.045 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

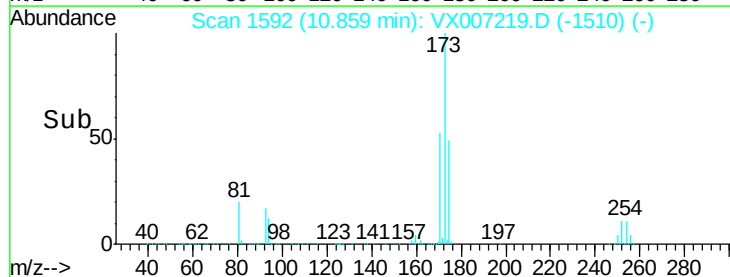
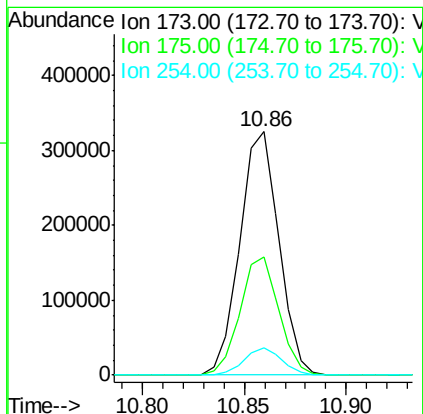
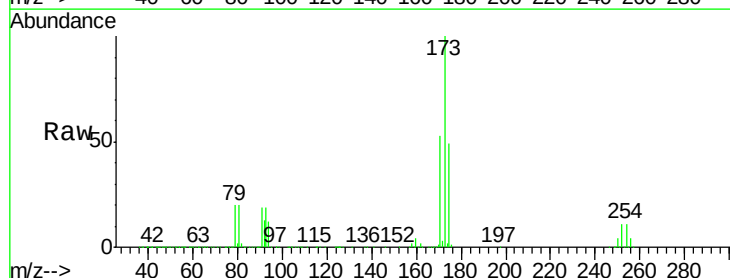
Tgt Ion: 173 Resp: 431717

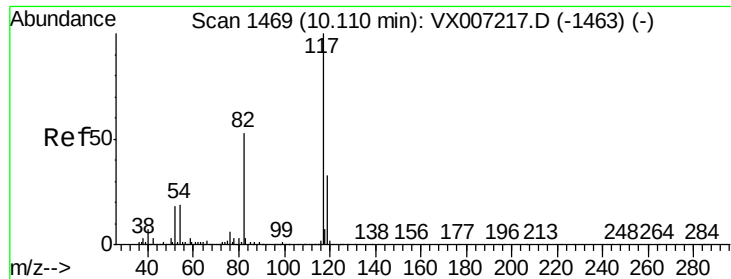
Ion Ratio Lower Upper

173 100

175 48.6 39.7 59.5

254 10.9 9.6 14.4





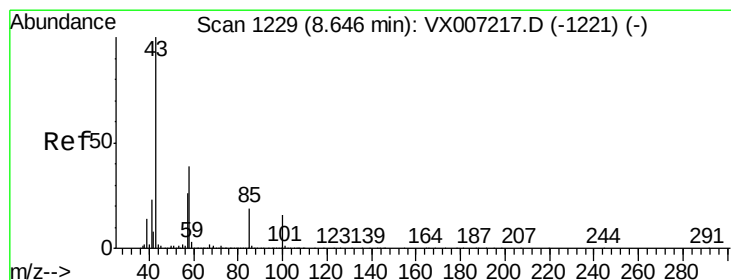
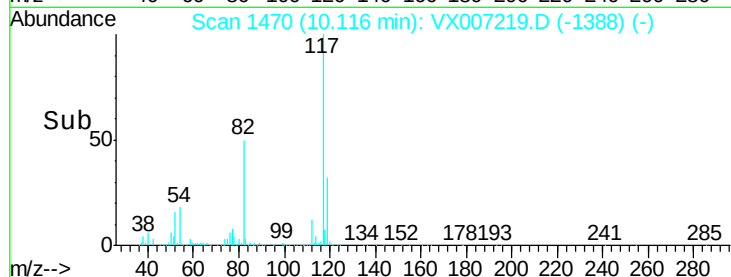
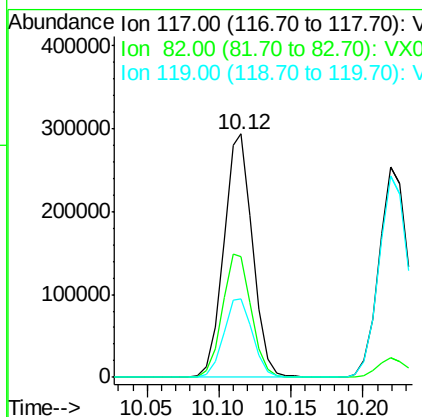
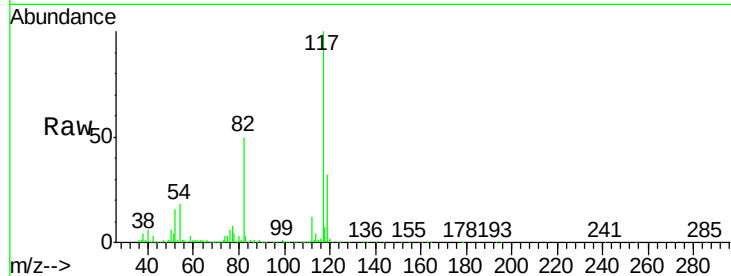
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.1	44.2	66.4
119	32.6	25.8	38.6

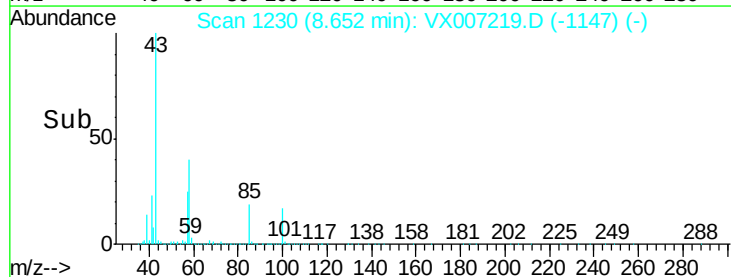
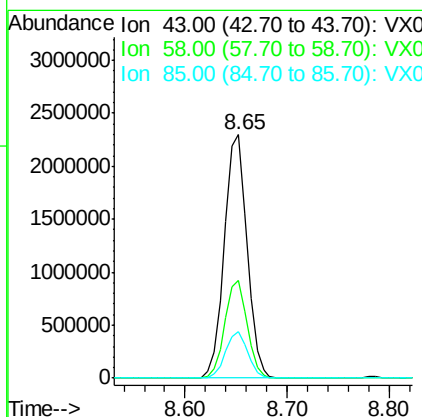
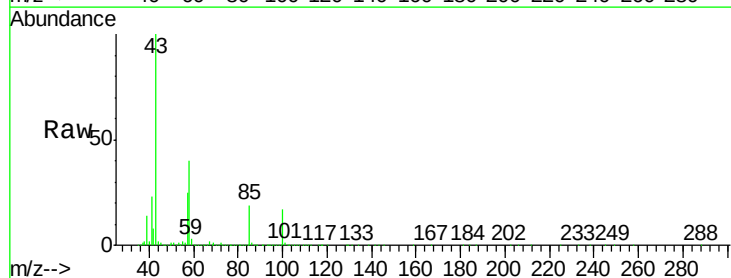
Manual Integrations
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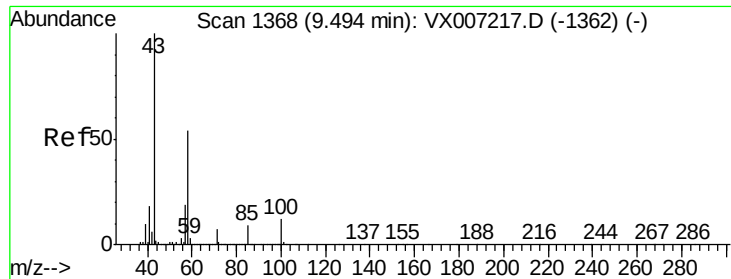
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#58
4-Methyl-2-Pentanone
Concen: 384.168 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	39.5	30.8	46.2
85	18.7	13.1	19.7





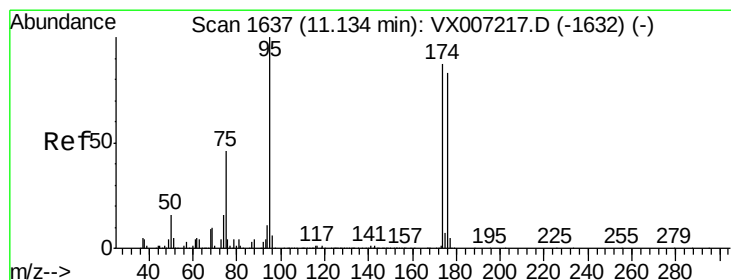
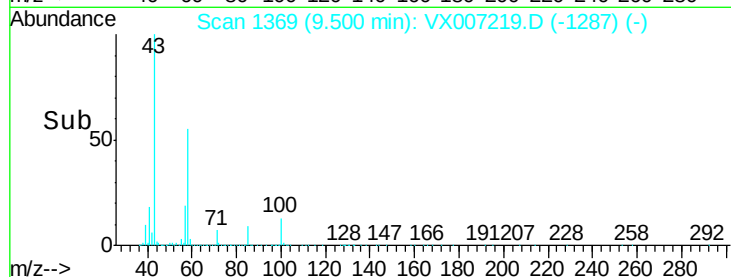
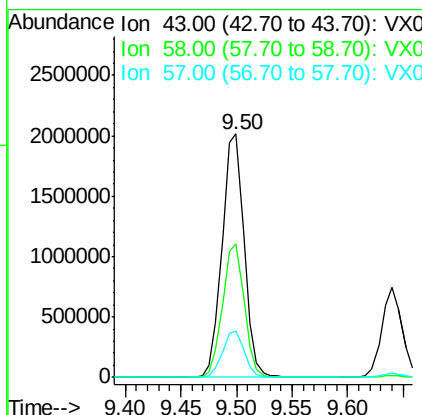
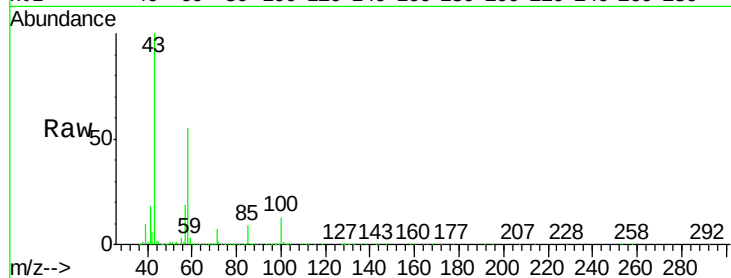
#59
2-Hexanone
Concen: 362.632 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 2758552
Ion Ratio Lower Upper
43 100
58 54.5 42.7 64.1
57 18.7 14.6 22.0

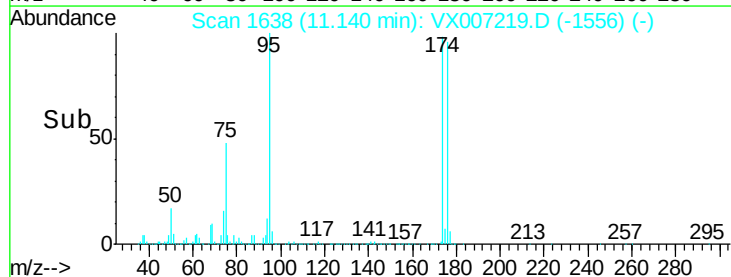
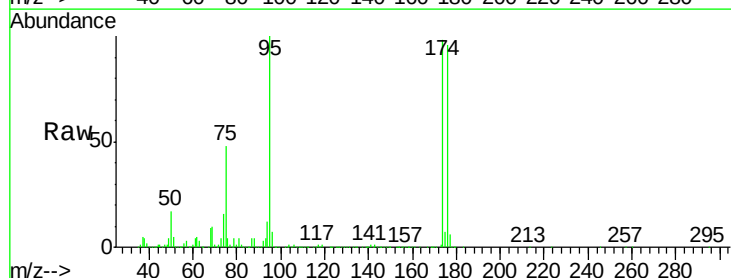
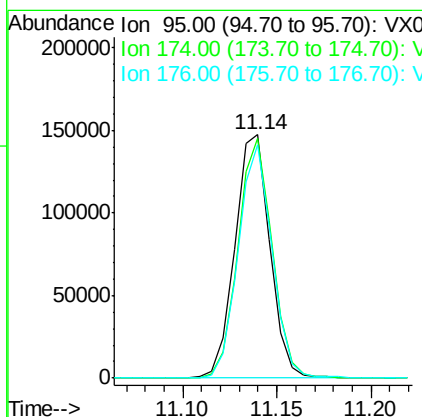
Manual Integrations
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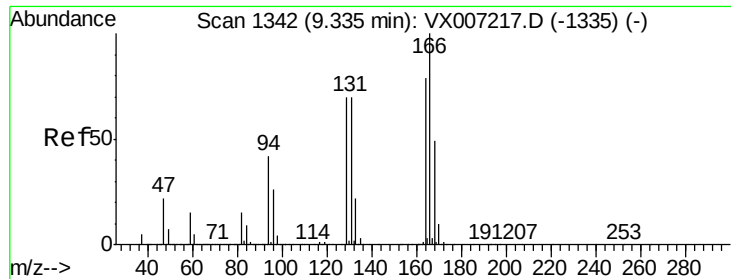
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#60
4-Bromofluorobenzene
Concen: 27.774 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion: 95 Resp: 189846
Ion Ratio Lower Upper
95 100
174 95.4 73.1 109.7
176 92.1 71.0 106.6





#61

Tetrachloroethene

Concen: 110.129 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

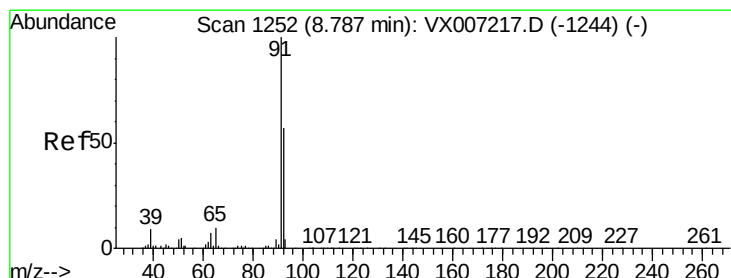
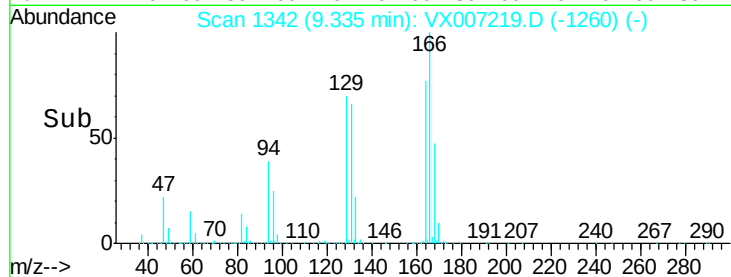
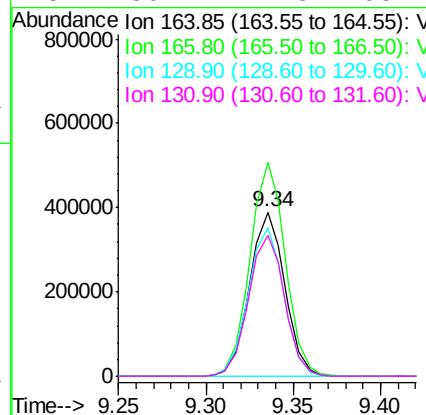
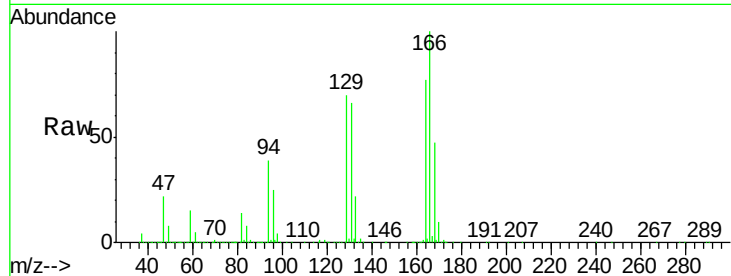
ClientSampleId :

VSTDIC100

Tot Ion:	164	Resp:	551124
Ion	Ratio	Lower	Upper
164	100		
166	130.4	104.0	156.0
129	90.6	75.1	112.7
131	86.1	72.5	108.7

Manual Integrations
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#62

Toluene

Concen: 97.288 ug/l

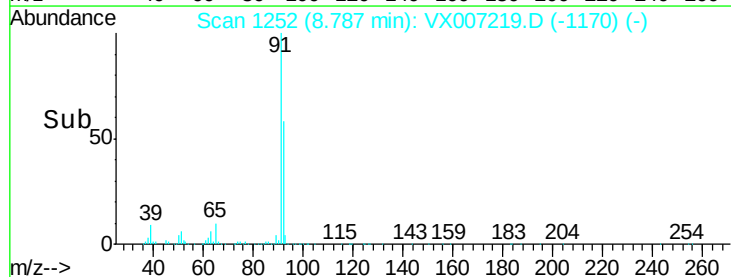
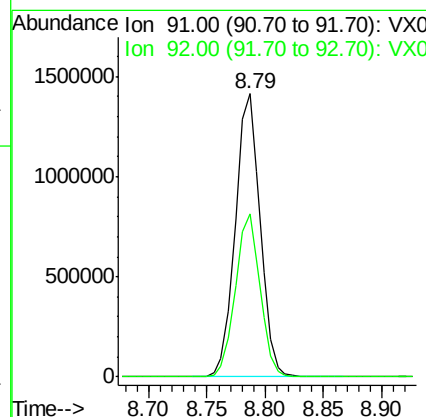
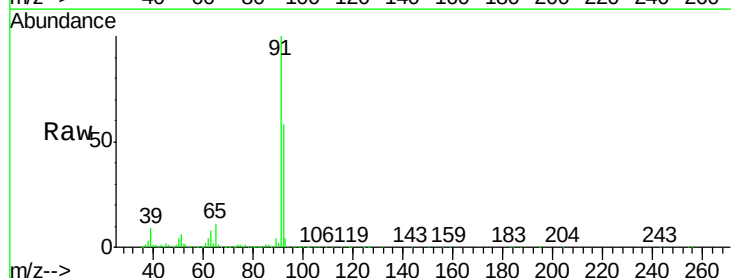
RT: 8.79 min Scan# 1252

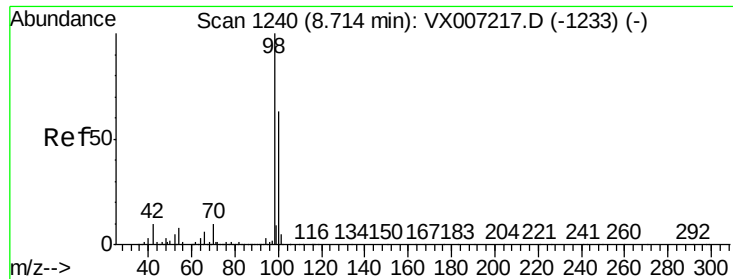
Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Tgt Ion:	91	Resp:	2102550
Ion	Ratio	Lower	Upper
91	100		
92	57.3	46.2	69.4





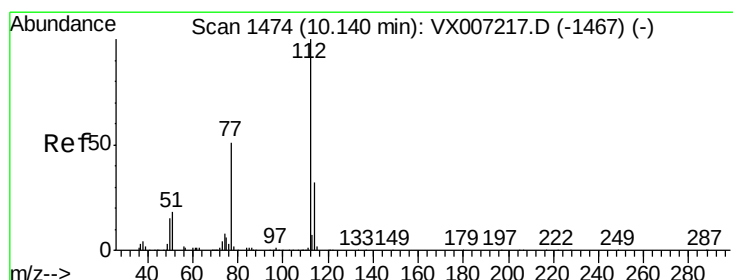
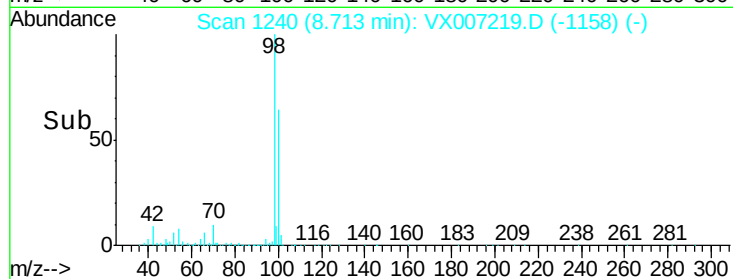
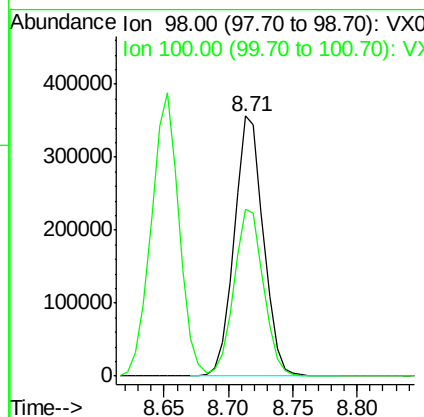
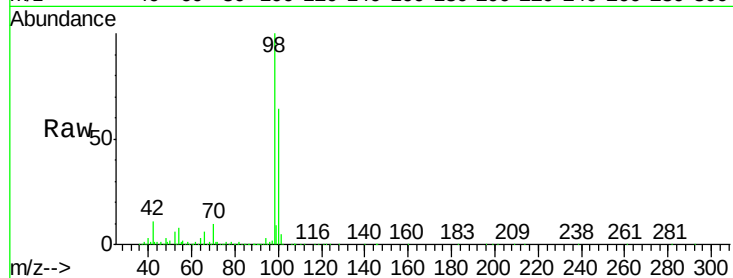
#63
Toluene-d8
Concen: 30.412 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 98 Resp: 558243
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4

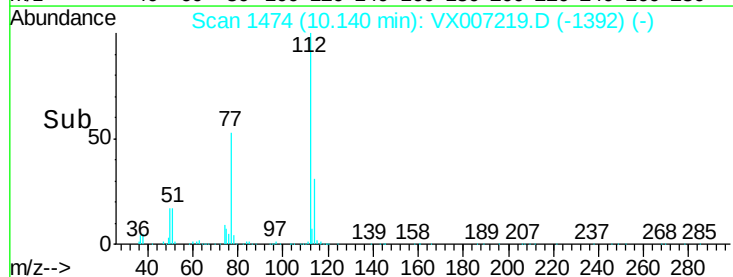
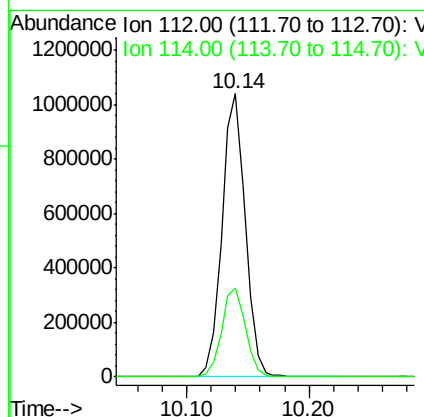
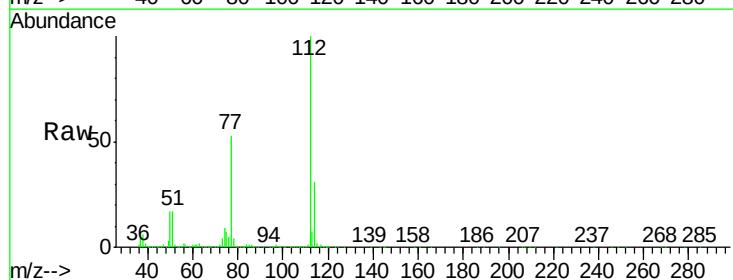
Manual Integrations
APPROVED

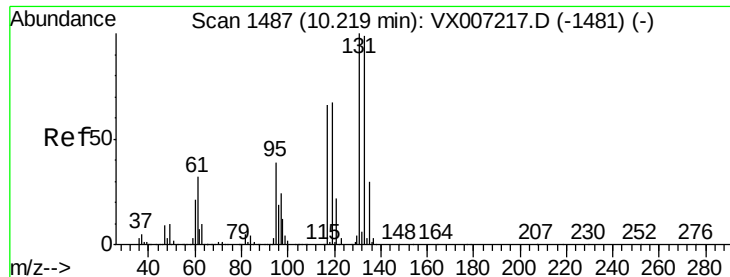
MMDadoda
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#64
Chlorobenzene
Concen: 98.362 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion: 112 Resp: 1372817
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 100.975 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

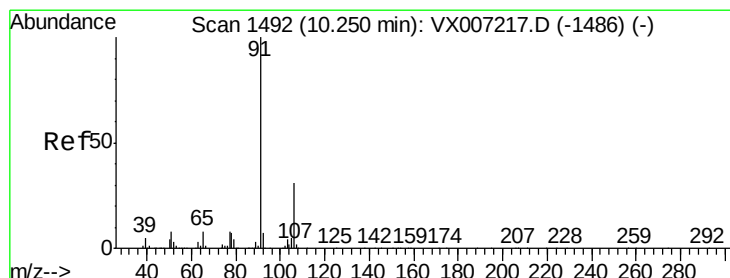
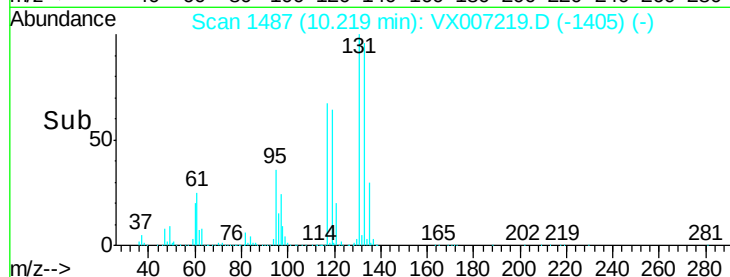
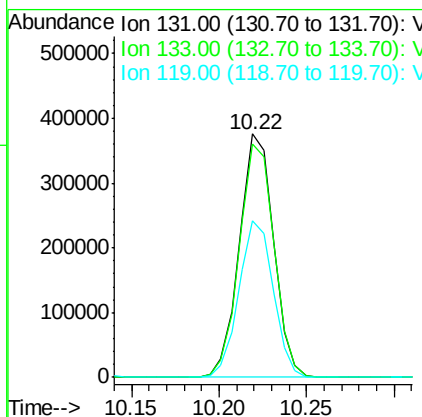
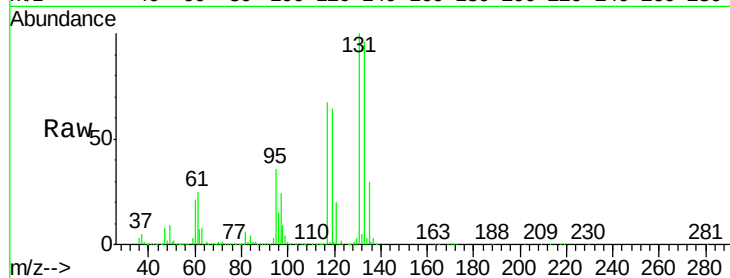
ClientSampleId :

VSTDIC100

Tot Ion:	131	Resp:	512301
Ion Ratio		Lower	Upper
131	100		
133	97.5	0.0	190.4
119	64.9	0.0	129.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 97.226 ug/l

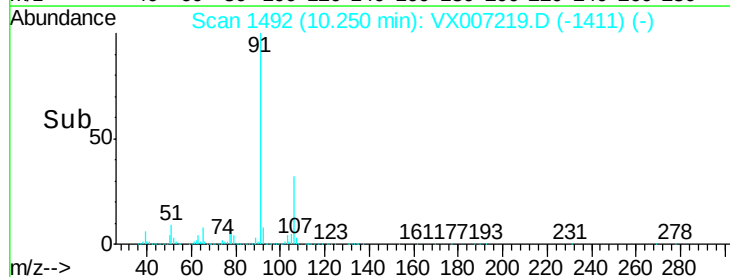
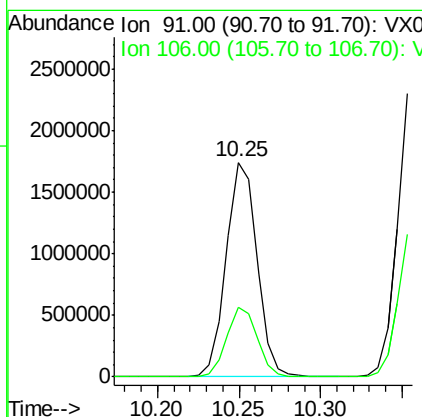
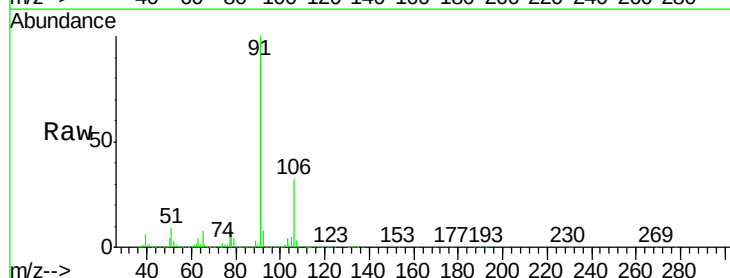
RT: 10.25 min Scan# 1492

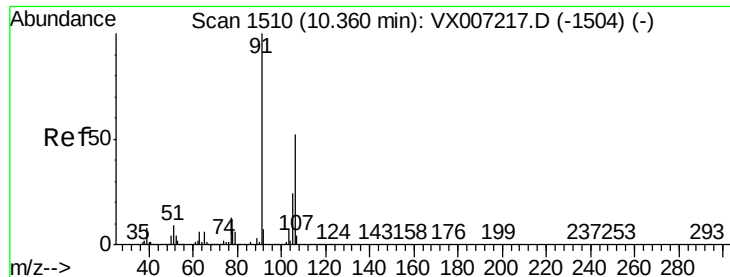
Delta R.T. -0.01 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Tgt Ion:	91	Resp:	2293927
Ion Ratio		Lower	Upper
91	100		
106	32.4	24.5	36.7





#67

m/p-Xylenes

Concen: 197.730 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1816464

Ion Ratio Lower Upper

106 100

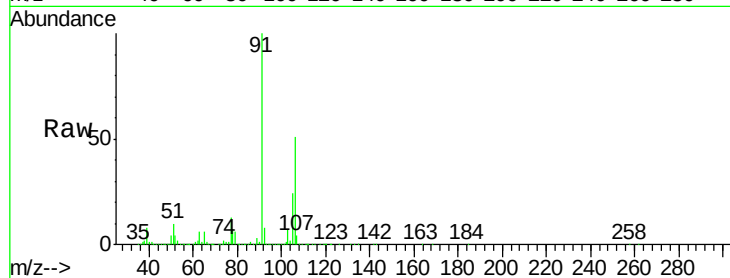
91 194.8 165.5 248.3

Manual Integrations

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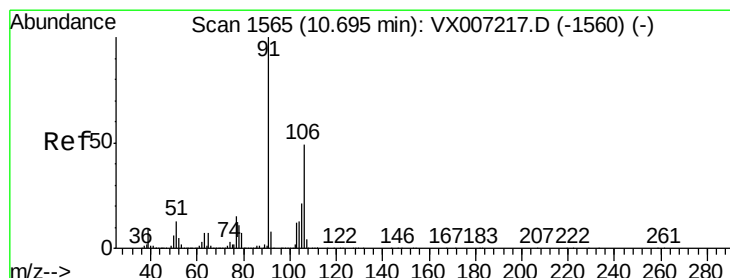
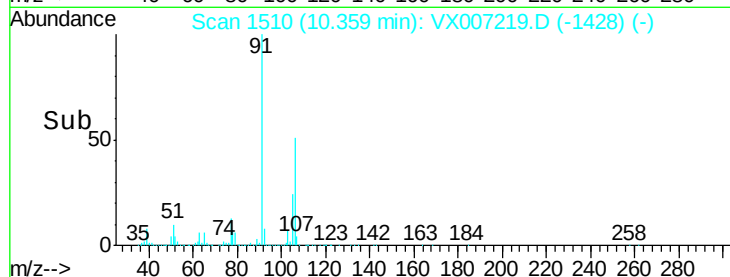
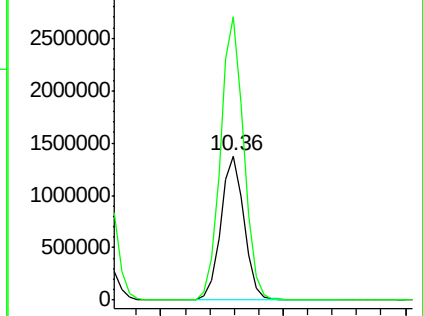
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 98.972 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007219.D

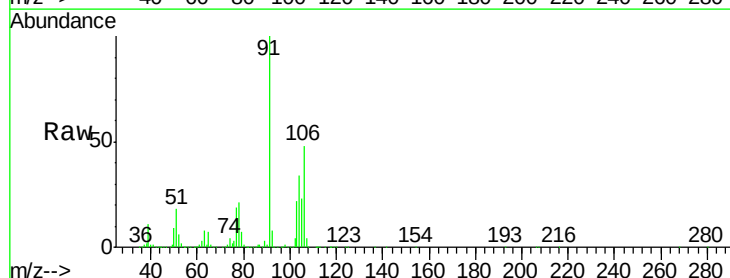
Acq: 25 Jan 2019 10:17

Tgt Ion:106 Resp: 876435

Ion Ratio Lower Upper

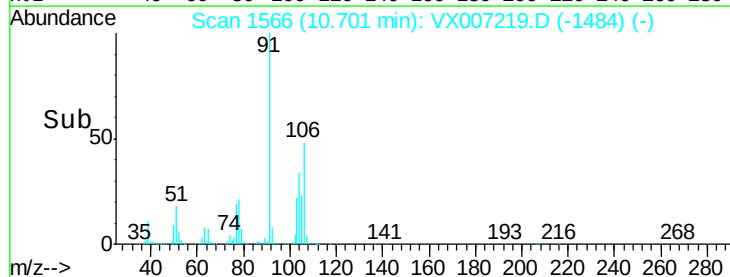
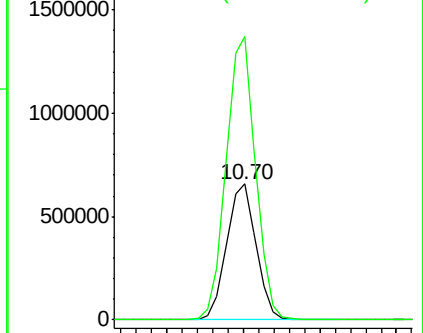
106 100

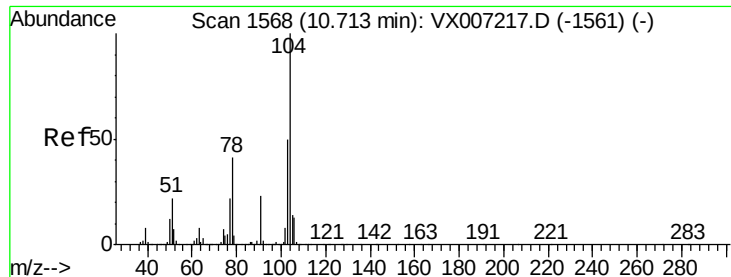
91 207.3 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





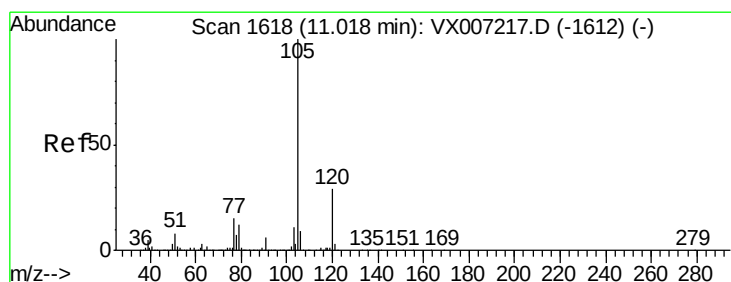
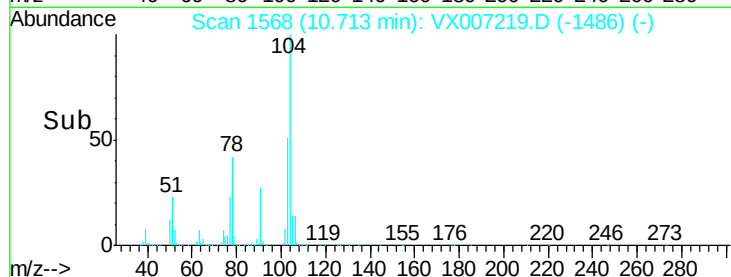
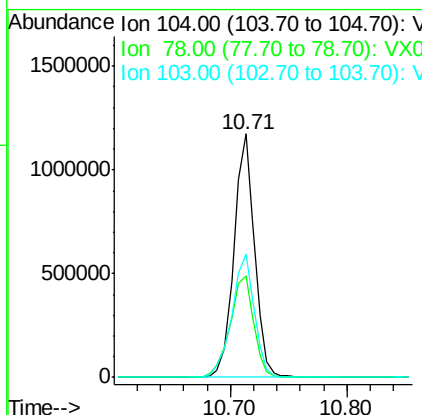
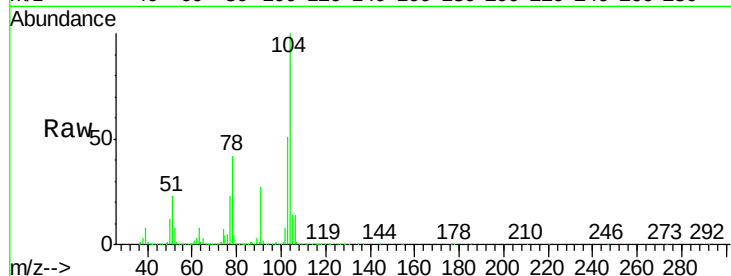
#69
Stvrene
Concen: 97.217 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	40.3	60.5
103	55.6	44.6	66.8

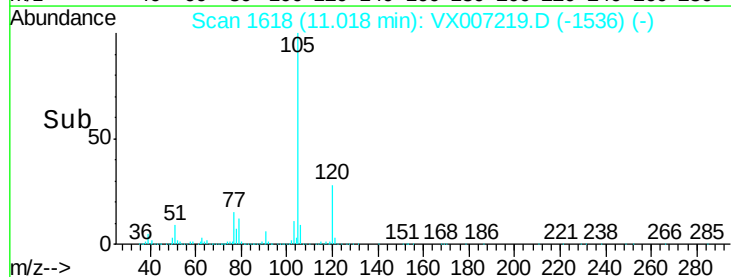
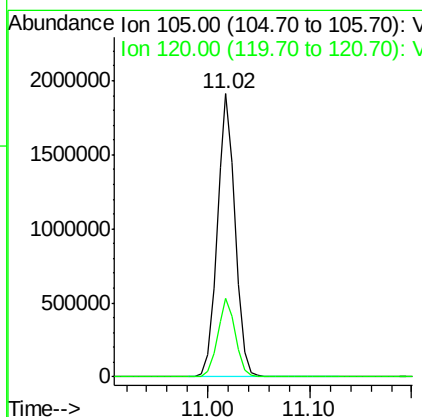
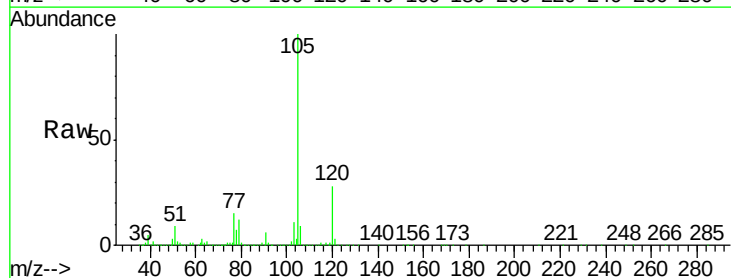
Manual Integrations
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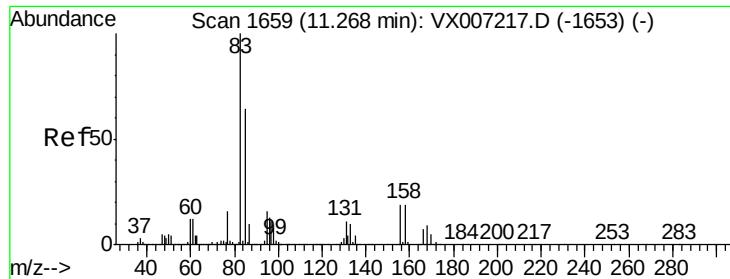
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#70
Isopropylbenzene
Concen: 98.872 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	18.3	34.1





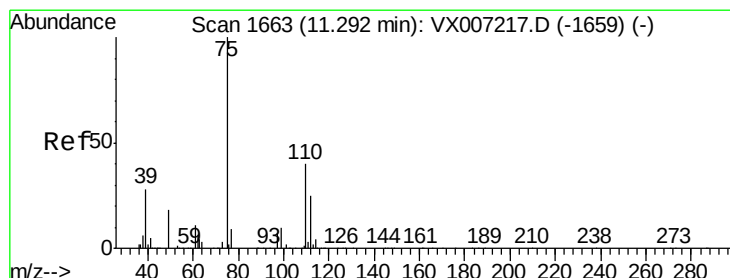
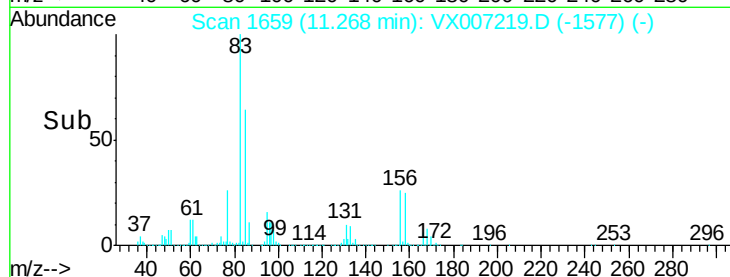
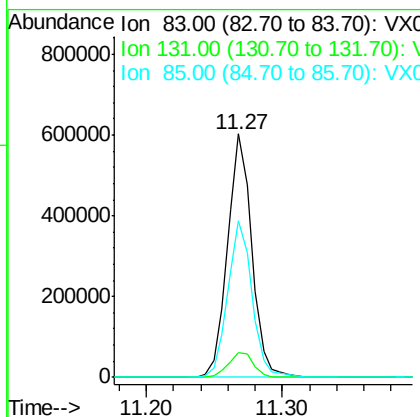
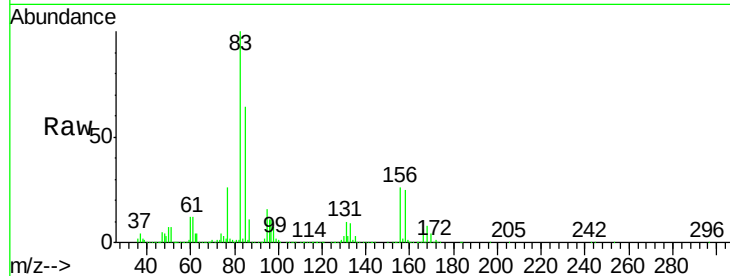
#71
 1,1,2,2-Tetrachloroethane
 Concen: 84.831 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.2
85	64.1	32.2	96.6

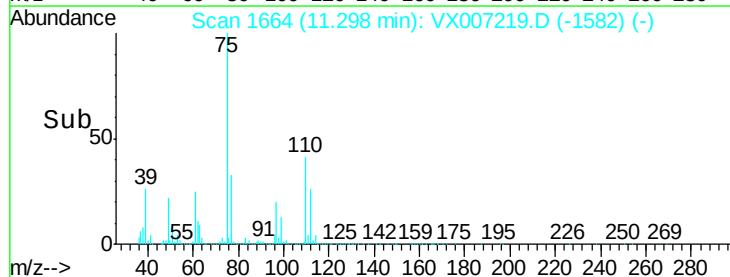
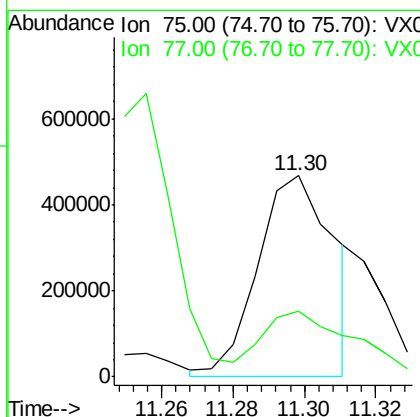
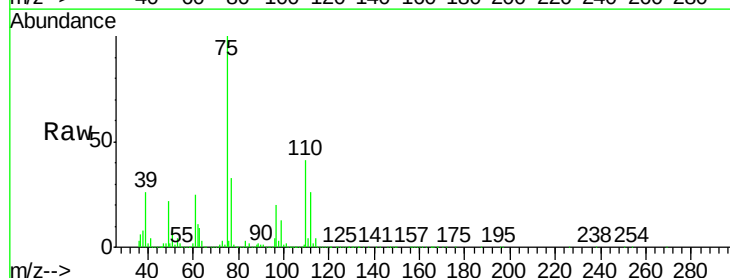
Manual Integrations
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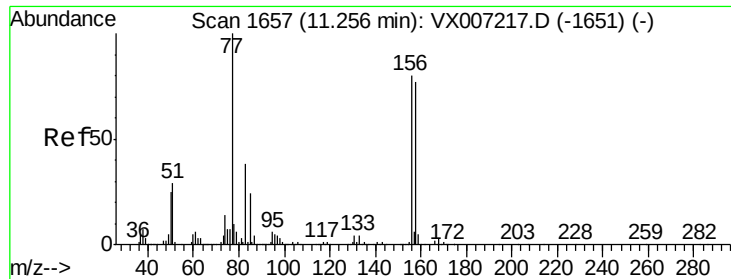
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#72
 1,2,3-Trichloropropane
 Concen: 86.336 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.3	0.0	81.2





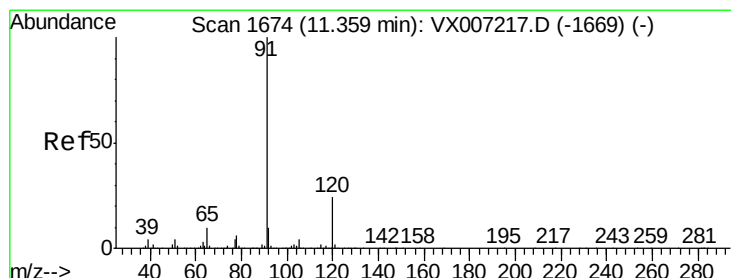
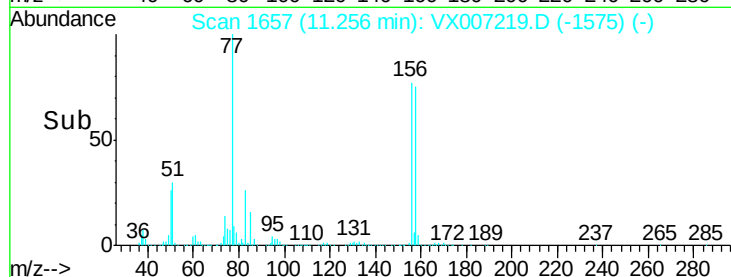
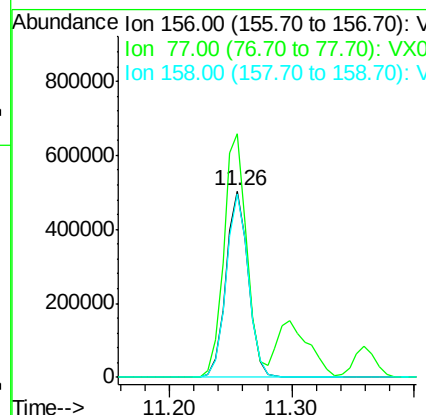
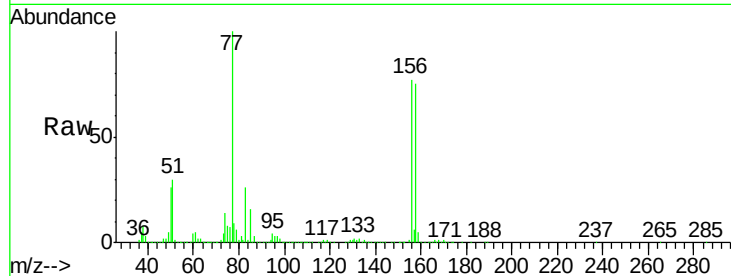
#73
Bromobenzene
Concen: 97.495 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.3	0.0	292.4
158	98.0	0.0	194.2

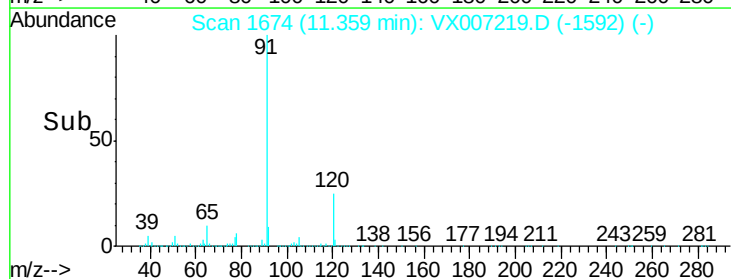
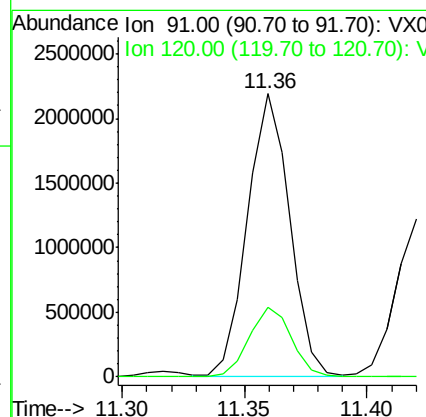
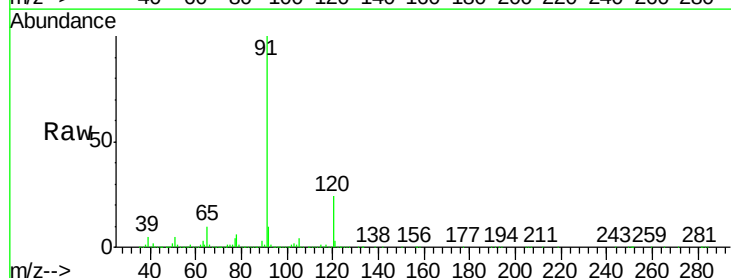
Manual Integrations
APPROVED

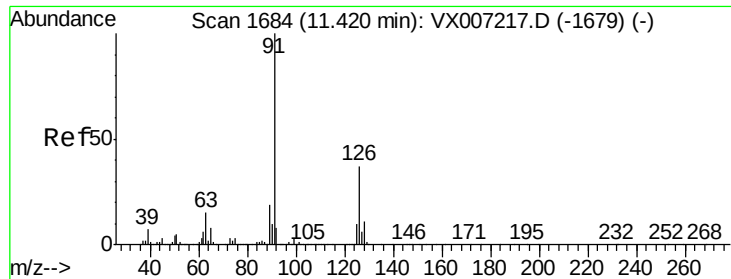
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#74
n-propylbenzene
Concen: 94.909 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	0.0	45.4





#75

2-Chlorotoluene

Concen: 90.032 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 91 Resp: 1531980

Ion Ratio Lower Upper

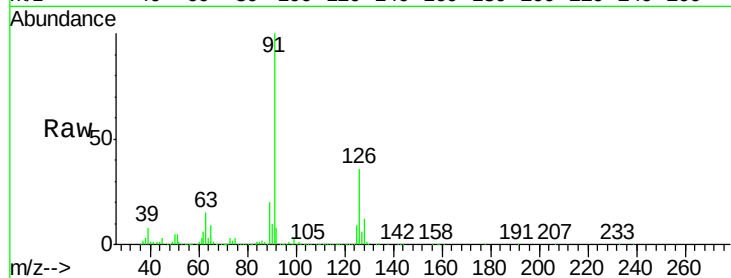
91 100

126 36.7 0.0 68.2

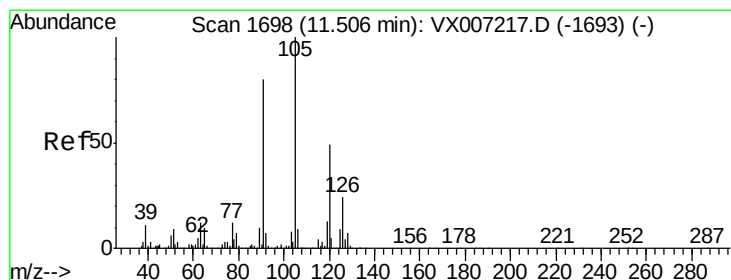
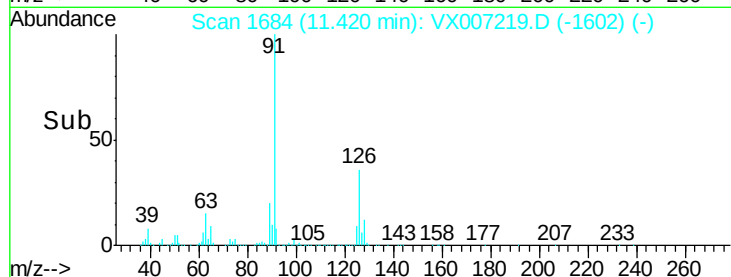
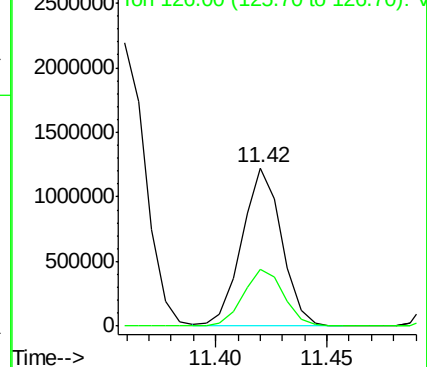
Manual Integrations
APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX007217.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 95.014 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007219.D

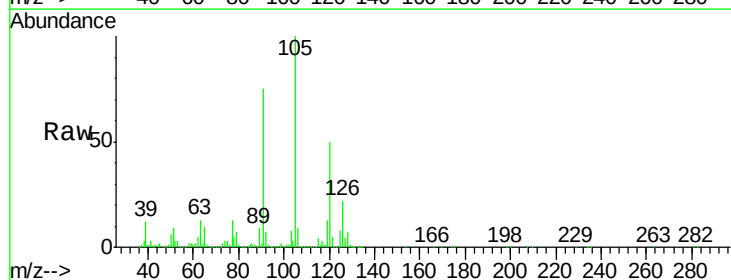
Acq: 25 Jan 2019 10:17

Tgt Ion: 105 Resp: 1943955

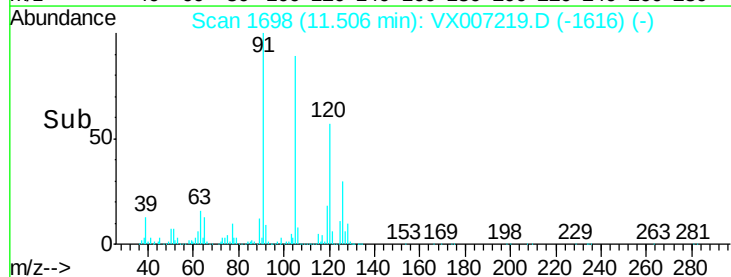
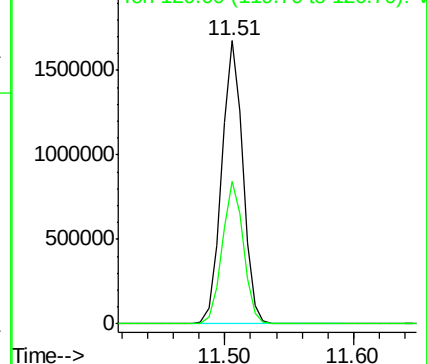
Ion Ratio Lower Upper

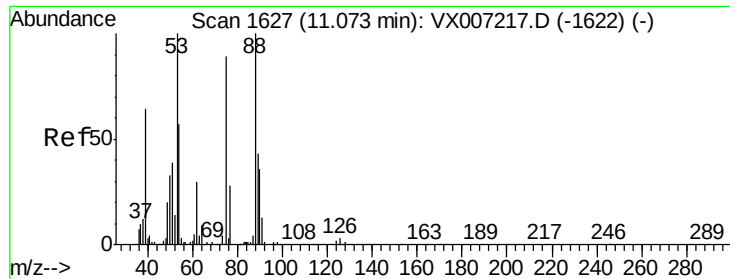
105 100

120 50.5 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX007217.D (-1693) (-)





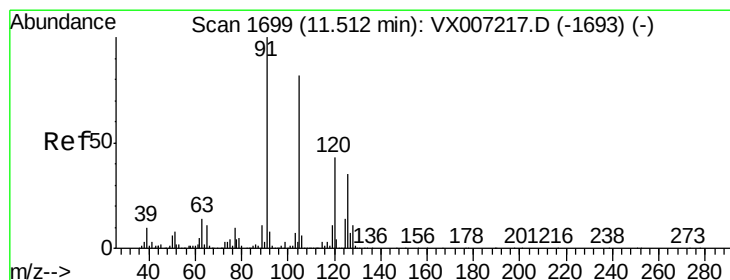
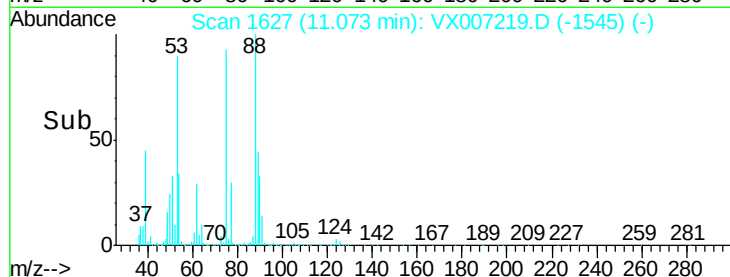
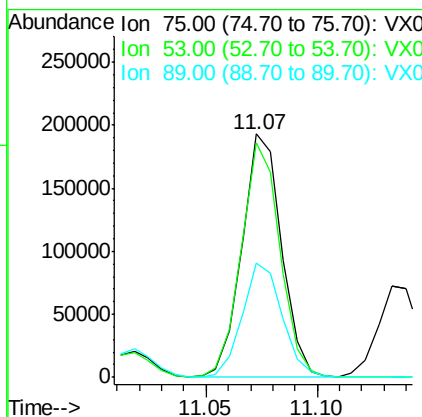
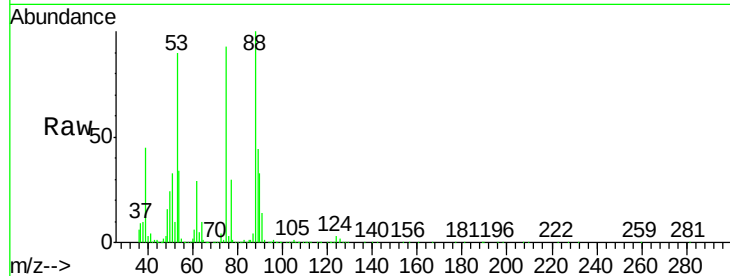
#77
t-1,4-Dichloro-2-butene
Concen: 90.899 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	50.3	150.9
89	46.8	22.6	67.8

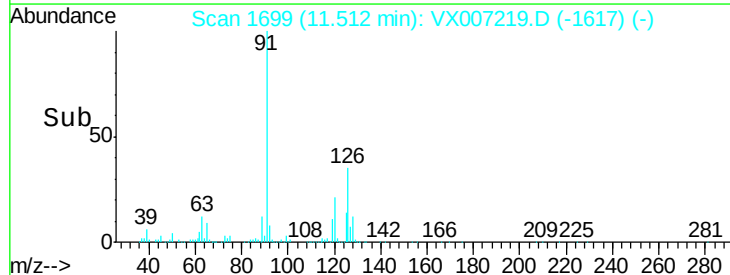
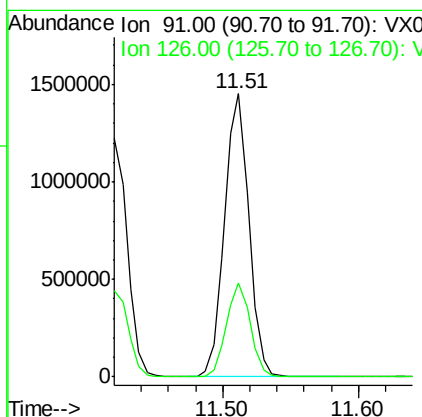
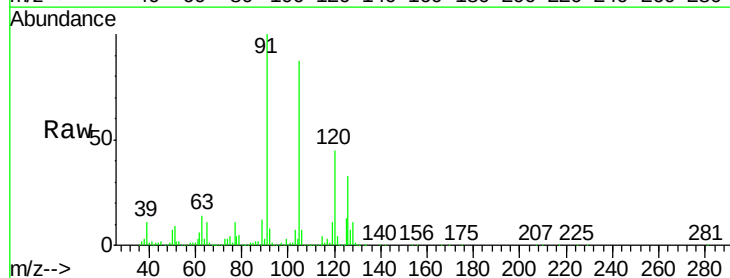
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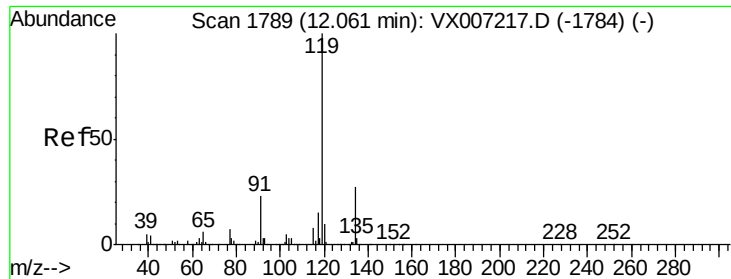
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#78
4-Chlorotoluene
Concen: 91.215 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	61.0





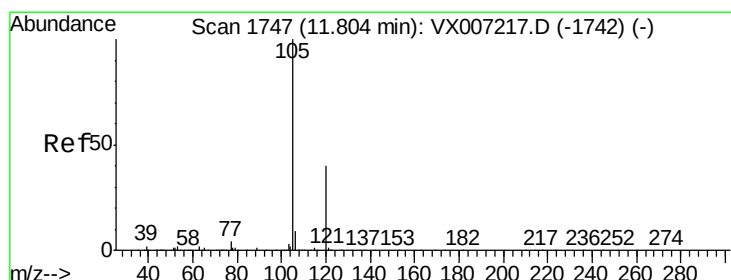
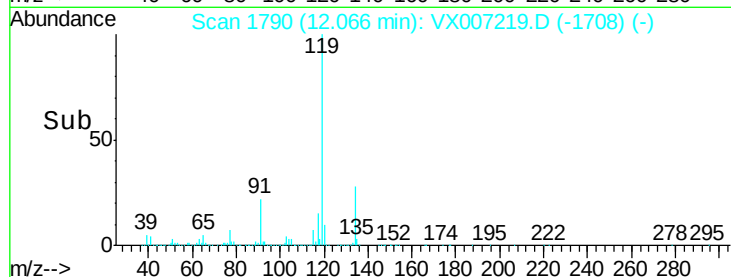
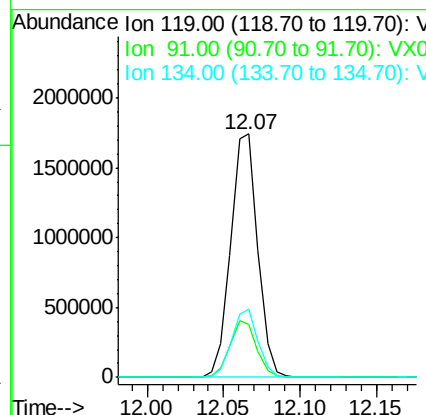
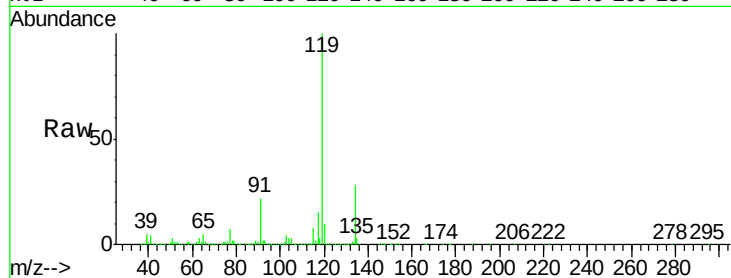
#79
tert-butylbenzene
Concen: 98.079 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	22.6	0.0	45.8
134	27.3	0.0	52.8

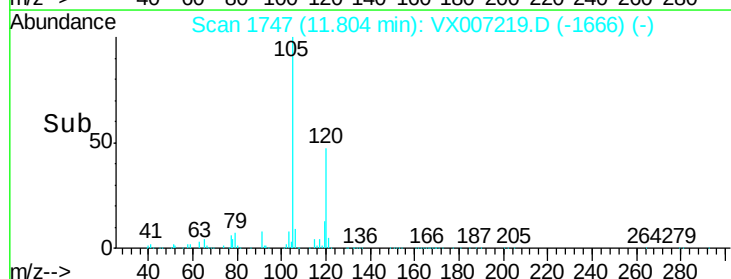
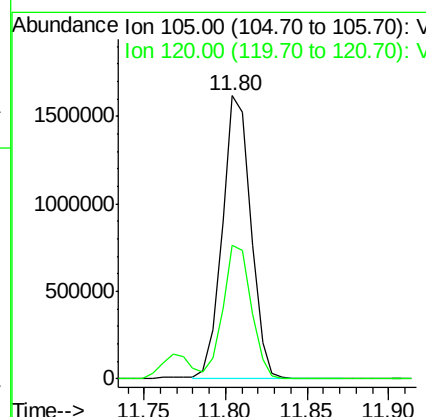
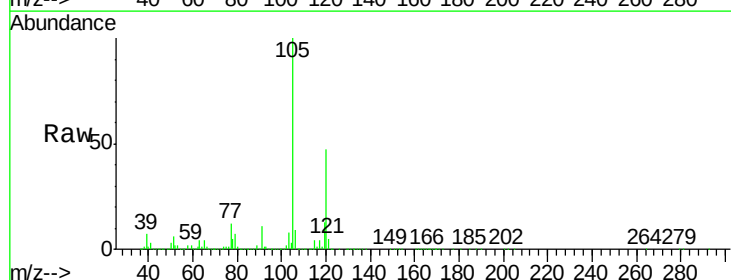
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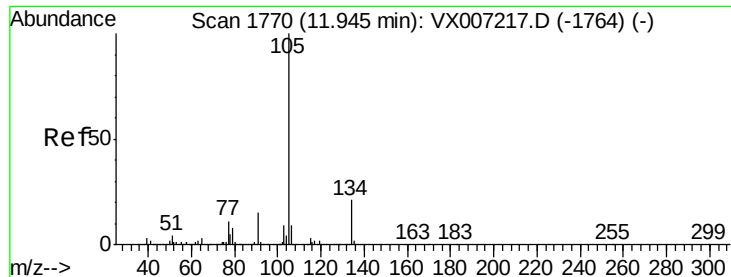
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#80
1,2,4-Trimethylbenzene
Concen: 94.313 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	90.6





#81

sec-Butylbenzene

Concen: 97.086 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2344746

Ion Ratio Lower Upper

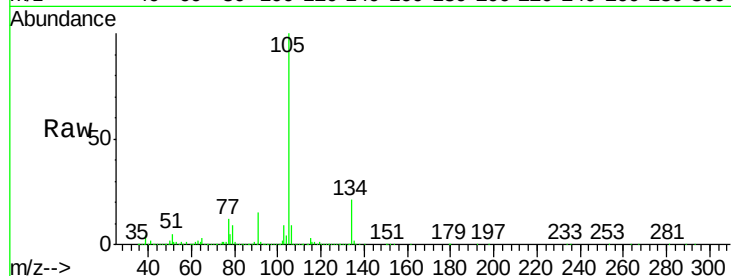
105 100

134 21.1 0.0 40.4

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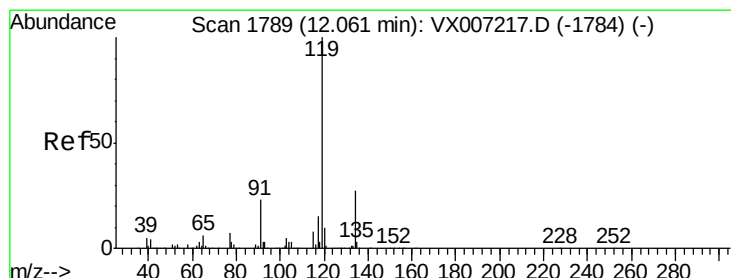
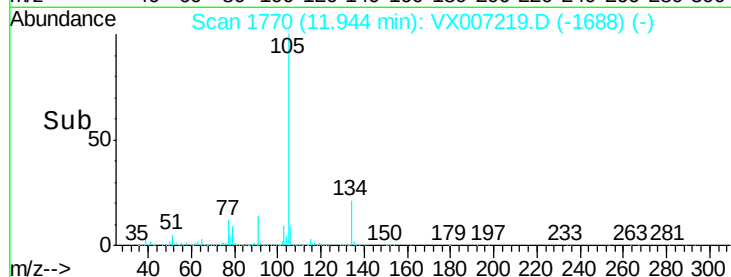
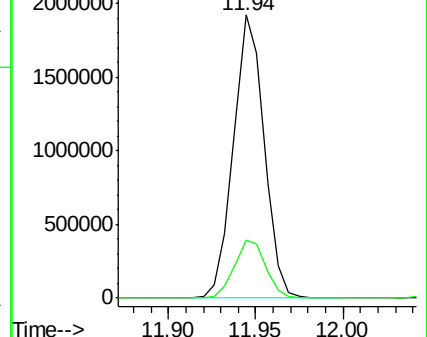
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 98.079 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

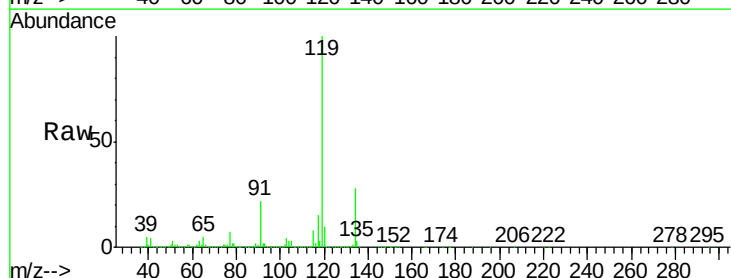
Tgt Ion:119 Resp: 2129643

Ion Ratio Lower Upper

119 100

134 27.3 0.0 52.8

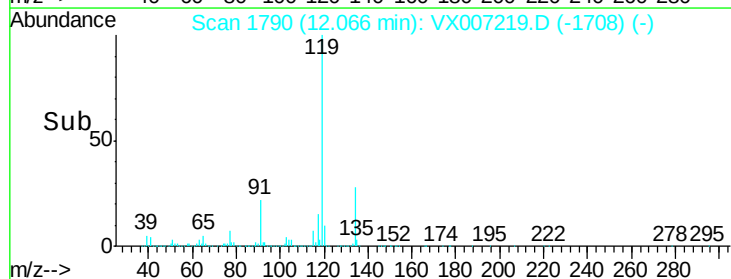
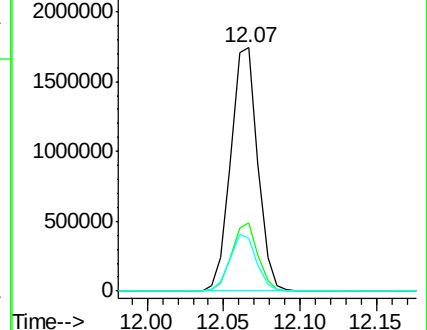
91 22.6 0.0 45.8

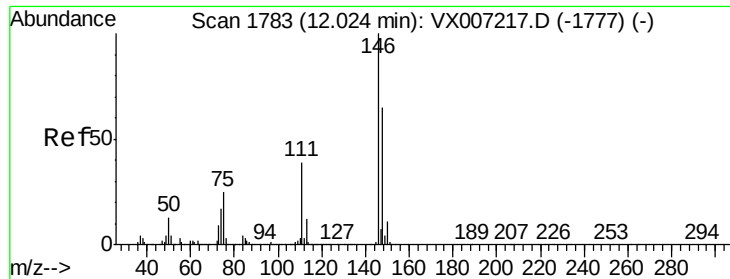


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





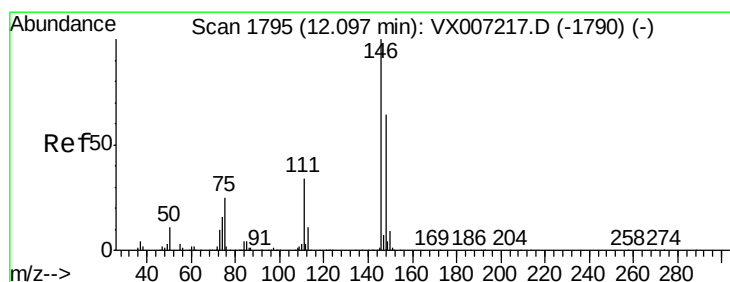
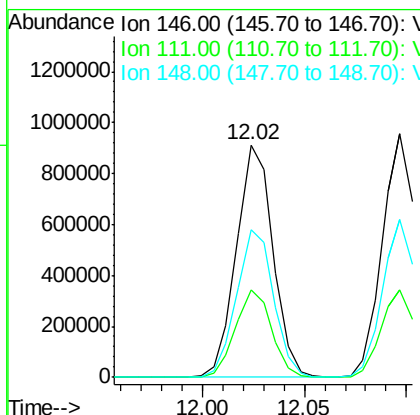
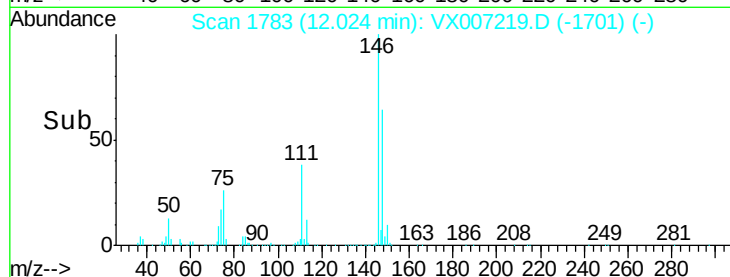
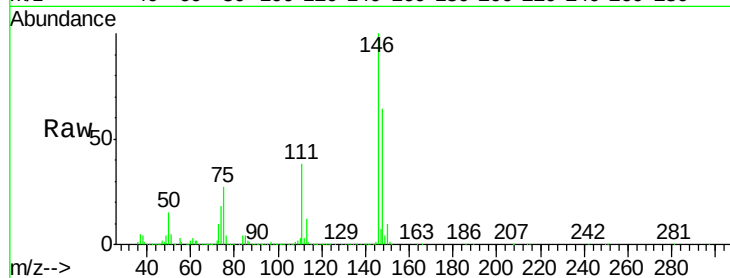
#83
 1,3-Dichlorobenzene
 Concen: 94.235 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 1135845
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.3 57.8
 148 64.1 32.4 97.2

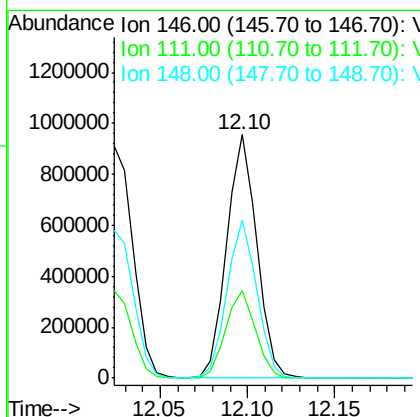
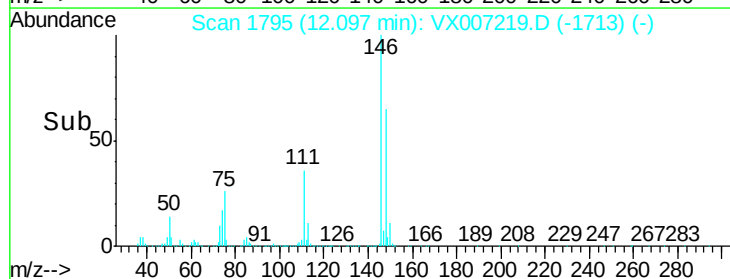
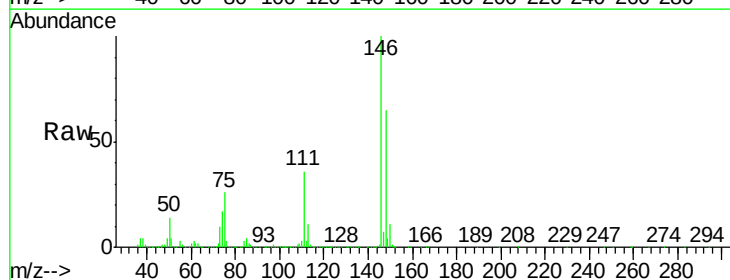
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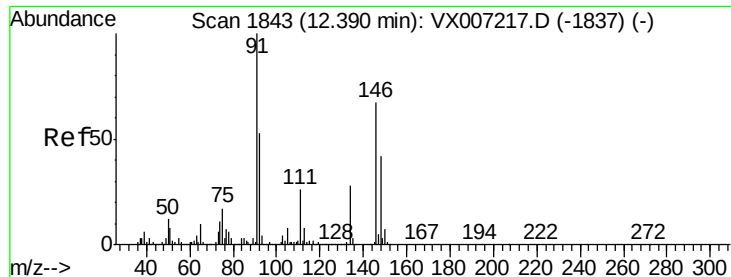
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#84
 1,4-Dichlorobenzene
 Concen: 93.450 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion:146 Resp: 1143065
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 64.6 31.9 95.7





#85

n-Butylbenzene

Concen: 95.660 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007219.D

Acq: 25 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1886579

Ion Ratio Lower Upper

91 100

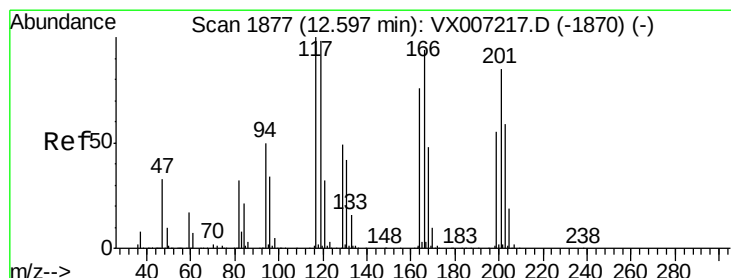
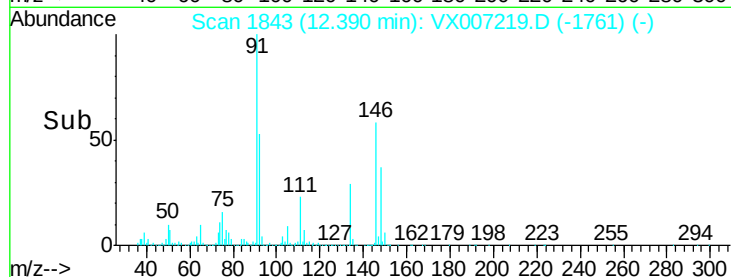
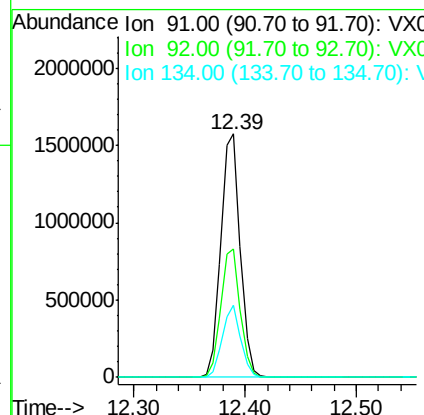
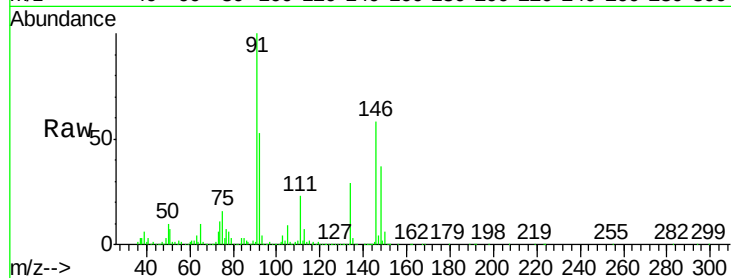
92 52.4 0.0 103.6

134 28.0 0.0 52.2

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#86

Hexachloroethane

Concen: 98.734 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007219.D

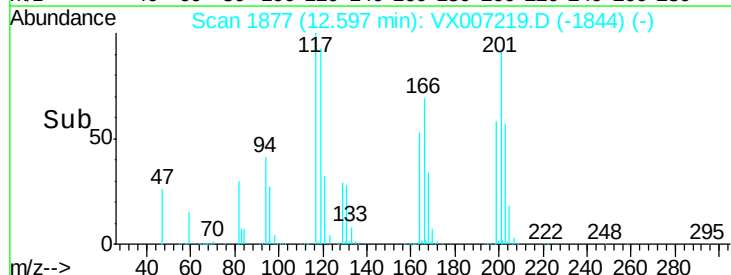
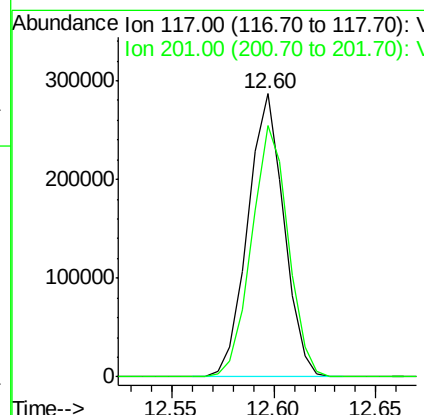
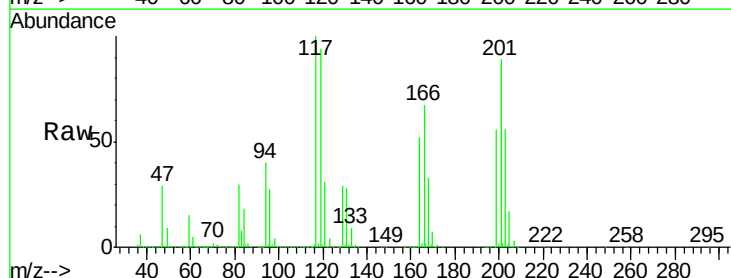
Acq: 25 Jan 2019 10:17

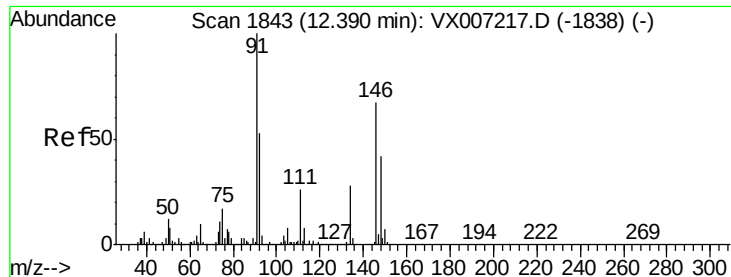
Tgt Ion: 117 Resp: 353135

Ion Ratio Lower Upper

117 100

201 89.8 47.1 141.4





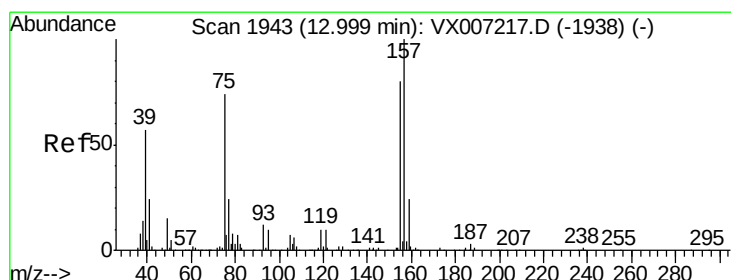
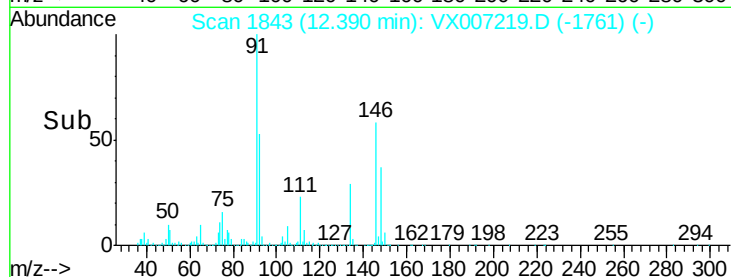
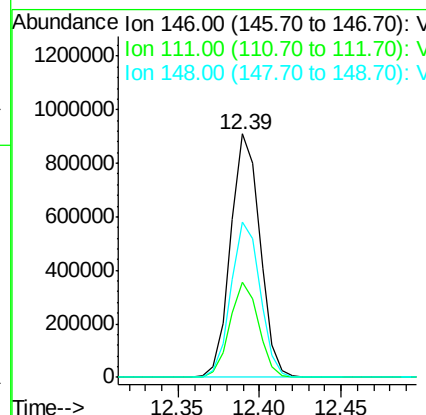
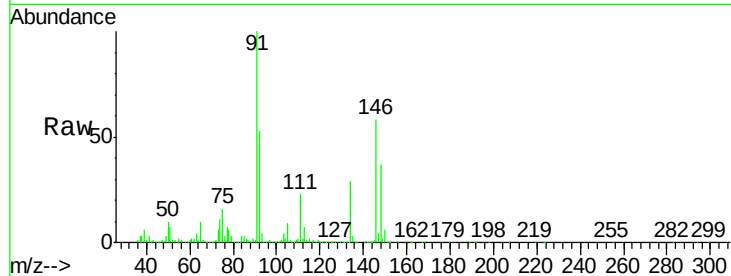
#87
 1,2-Dichlorobenzene
 Concen: 92.692 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.6	58.7
148	63.8	31.9	95.9

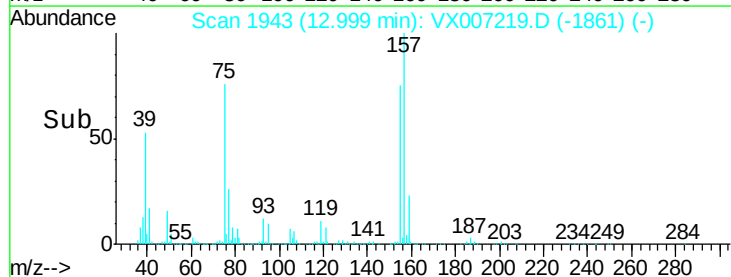
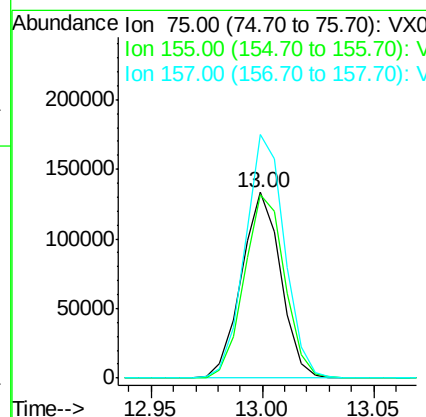
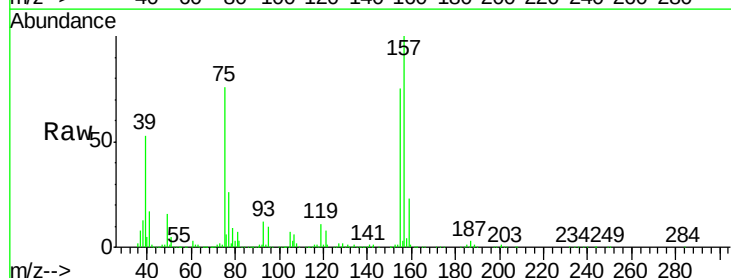
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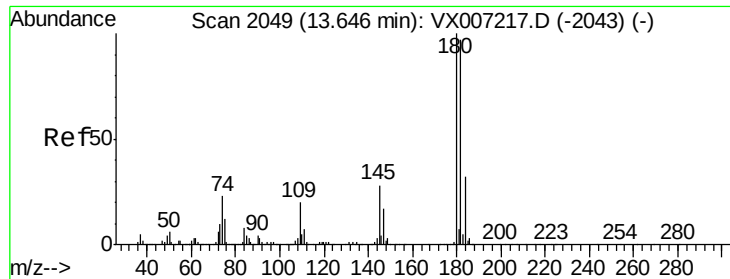
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 80.561 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007219.D
 Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.9	71.6	107.4
157	132.1	91.3	136.9





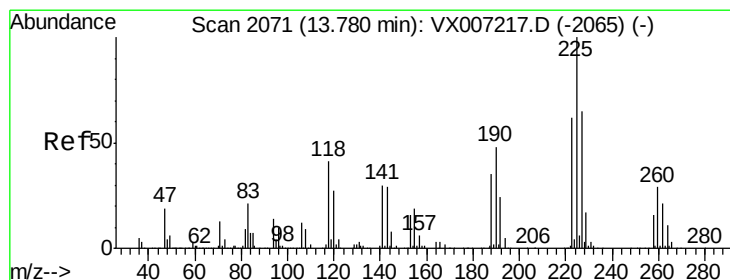
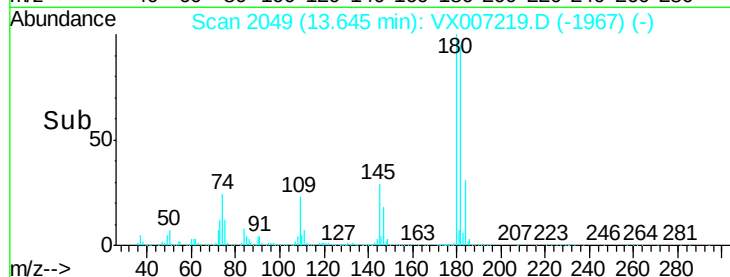
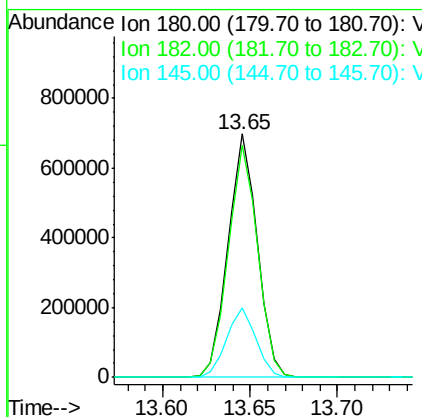
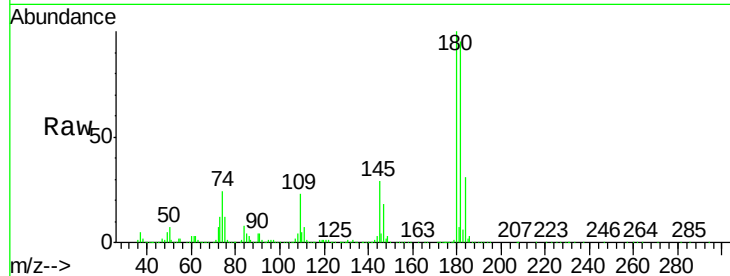
#89
1,2,4-Trichlorobenzene
Concen: 88.702 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	28.9	22.6	33.8

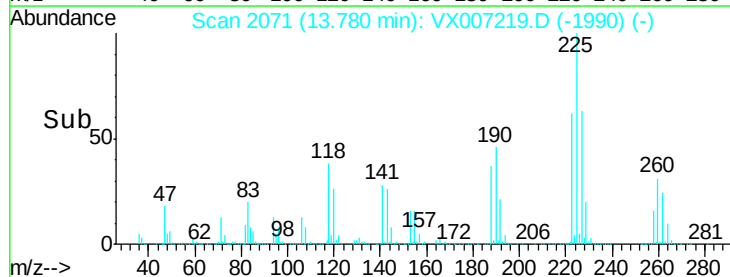
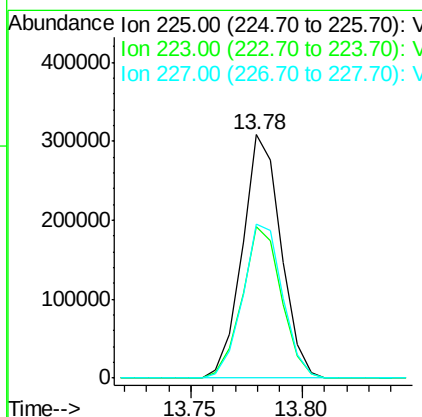
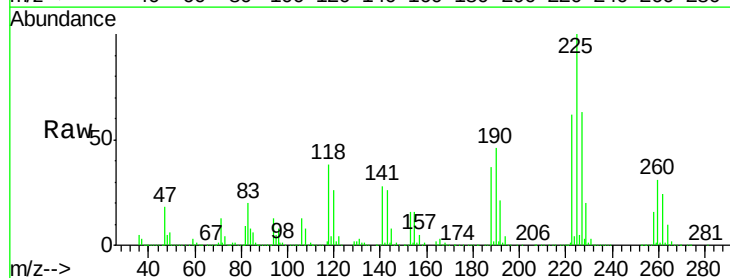
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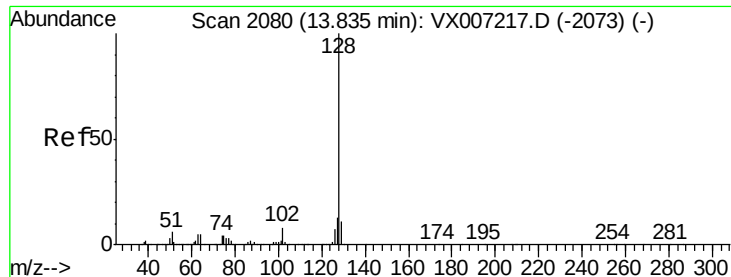
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#90
Hexachlorobutadiene
Concen: 82.905 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	126.6
227	65.2	0.0	129.6





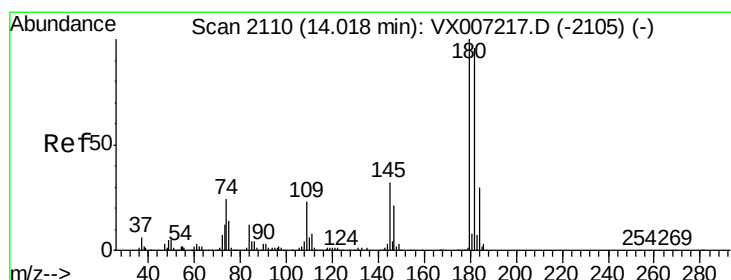
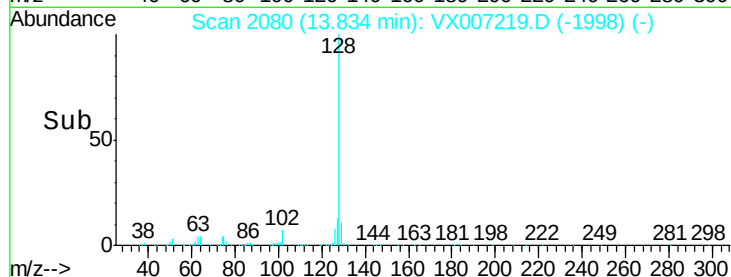
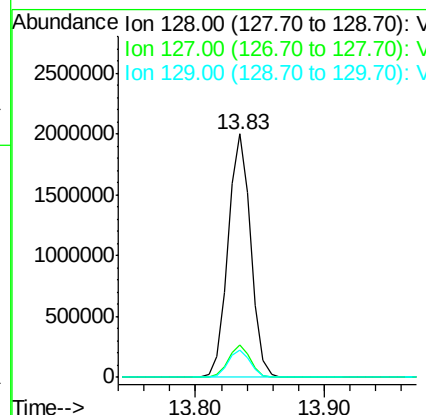
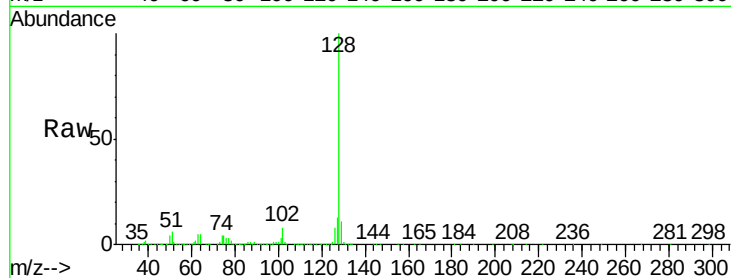
#91
Naphthalene
Concen: 87.374 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:128 Resp: 2483179
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.6 13.0

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#92
1,2,3-Trichlorobenzene
Concen: 85.033 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007219.D
Acq: 25 Jan 2019 10:17

Tgt Ion:180 Resp: 796959
Ion Ratio Lower Upper
180 100
182 95.3 0.0 192.2
145 30.4 0.0 60.4

