

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008160.D
 Acq On : 18 Mar 2019 11:17
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:36:55 AM

Quant Time: Mar 18 11:57:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 11:50:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	55561	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	308466	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	274421	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	136659	28.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.87%
60) 4-Bromofluorobenzene	11.13	95	137455	29.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.30%
63) Toluene-d8	8.71	98	400198	29.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	114958	47.389	ug/l 97
3) Chloromethane	1.33	50	141468	47.151	ug/l 95
4) Vinyl Chloride	1.41	62	147076	47.317	ug/l 99
5) Bromomethane	1.64	94	129414	62.977	ug/l 98
6) Chloroethane	1.72	64	90415	48.285	ug/l 98
7) Trichlorofluoromethane	1.93	101	178906	47.275	ug/l 98
8) Diethyl Ether	2.19	74	101823	46.640	ug/l 83
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128475	47.610	ug/l 92
10) 1,1-Dichloroethene	2.37	96	122183	47.797	ug/l # 82
11) Methyl Iodide	2.51	142	161752	53.572	ug/l 97
12) Methyl Acetate	2.78	43	203660	47.870	ug/l 92
13) Acrolein	2.29	56	139321	231.708	ug/l 98
14) Acrylonitrile	3.14	53	444580	238.202	ug/l 98
15) Acetone	2.45	58	144635	219.690	ug/l 91
16) Carbon Disulfide	2.57	76	393443	48.853	ug/l 99
17) Allyl chloride	2.73	41	270120	49.898	ug/l 95
18) Methylene Chloride	2.86	84	141403	47.034	ug/l 89
19) trans-1,2-Dichloroethene	3.17	96	132256	48.149	ug/l 90
20) Diisopropyl ether	3.85	45	530429	48.711	ug/l # 85
21) 1,1-Dichloroethane	3.70	63	266658	47.654	ug/l 96
22) cis-1,2-Dichloroethene	4.60	96	149841	47.795	ug/l # 83
23) tert-Butyl Alcohol	3.05	59	164385	238.610	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	444239	48.105	ug/l 98
25) Chloroform	5.21	83	252821	47.260	ug/l 95
26) Cyclohexane	5.58	56	257130	49.453	ug/l # 85
29) 1,1-Dichloropropene	5.80	75	195613	49.693	ug/l 93
30) 2-Butanone	4.68	43	701695	235.699	ug/l 94
31) 2,2-Dichloropropane	4.59	77	198441	50.466	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	208720	49.483	ug/l 95
33) Carbon Tetrachloride	5.79	117	176540	51.253	ug/l 97
34) Benzene	6.14	78	588438	49.084	ug/l # 96
35) Methacrylonitrile	5.04	41	136885	50.423	ug/l 93
36) 1,2-Dichloroethane	6.20	62	212360	48.153	ug/l 97
37) Trichloroethene	7.21	130	140572	49.798	ug/l 86
38) Methylcyclohexane	7.46	83	240576	50.643	ug/l 90
39) 1,2-Dichloropropane	7.51	63	161370	49.503	ug/l 99
40) Dibromomethane	7.66	93	97699	49.032	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	190911	49.860	ug/l	97
42) Vinyl Acetate	3.82	43	2338469m	249.854	ug/l	
43) Ethyl Acetate	4.84	43	245696	48.208	ug/l #	83
44) Isopropyl Acetate	6.45	43	384930	50.836	ug/l	97
45) 1,4-Dioxane	7.74	88	70783	981.866	ug/l #	85
46) Methyl methacrylate	7.77	41	203800	50.700	ug/l	89
47) n-amyl Acetate	10.90	43	333607	50.845	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	217966	53.632	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	239109	52.342	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	142330	49.634	ug/l	97
51) Ethyl methacrylate	9.18	69	235262	51.366	ug/l	91
52) 1,3-Dichloropropane	9.37	76	253176	48.524	ug/l	98
53) Dibromochloromethane	9.58	129	140218	51.214	ug/l	99
54) 1,2-Dibromoethane	9.67	107	147682	48.086	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	857751	250.977	ug/l	95
56) Bromoform	10.85	173	102118	52.599	ug/l #	99
58) 4-Methyl-2-Pentanone	8.64	43	1268252	242.784	ug/l	96
59) 2-Hexanone	9.49	43	996816	234.182	ug/l	97
61) Tetrachloroethene	9.34	164	129802	48.024	ug/l	95
62) Toluene	8.78	91	618791	49.085	ug/l	98
64) Chlorobenzene	10.13	112	368372	48.843	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	131238	50.674	ug/l	98
66) Ethyl Benzene	10.25	91	665076	50.132	ug/l	96
67) m/p-Xylenes	10.36	106	492444	100.412	ug/l	91
68) o-Xylene	10.69	106	237459	50.173	ug/l	91
69) Styrene	10.71	104	387686	50.451	ug/l	96
70) Isopropylbenzene	11.02	105	639362	50.076	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	222420	47.771	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	196126m	48.116	ug/l	
73) Bromobenzene	11.26	156	148948	49.444	ug/l	79
74) n-propylbenzene	11.36	91	757649	50.885	ug/l	94
75) 2-Chlorotoluene	11.42	91	441691	49.364	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	529482	50.214	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	71672	53.824	ug/l	93
78) 4-Chlorotoluene	11.51	91	508942	50.210	ug/l	92
79) tert-butylbenzene	12.06	119	547446	51.876	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	538012	50.719	ug/l	95
81) sec-Butylbenzene	11.94	105	633634	50.671	ug/l	96
82) p-Isopropyltoluene	12.06	119	547446	51.876	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	268200	49.434	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	266587	50.675	ug/l	96
85) n-Butylbenzene	12.38	91	510719	53.382	ug/l	97
86) Hexachloroethane	12.60	117	93009	52.142	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	266003	49.308	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	48772	50.127	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	175081	51.897	ug/l	98
90) Hexachlorobutadiene	13.78	225	90261	51.946	ug/l	98
91) Naphthalene	13.83	128	569294	51.395	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	174066	51.545	ug/l	99

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ClientSampleId :
VSTDICC050

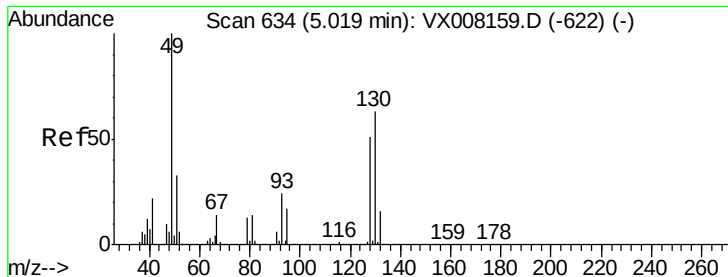
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

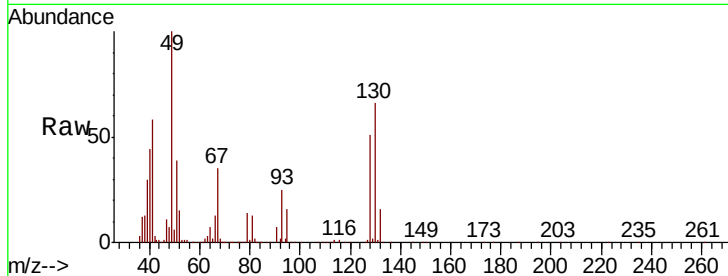
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	55561
Ion	Ratio	Lower	Upper
128	100		
49	193.8	0.0	350.8
130	128.3	0.0	325.8

Manual Integrations
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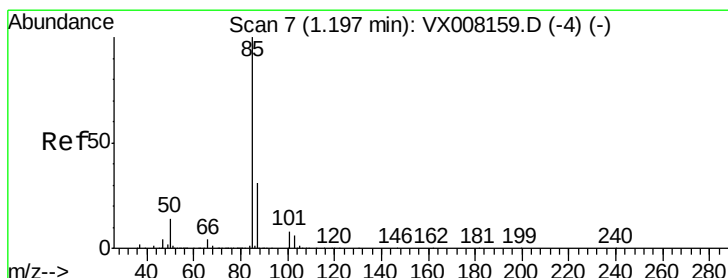
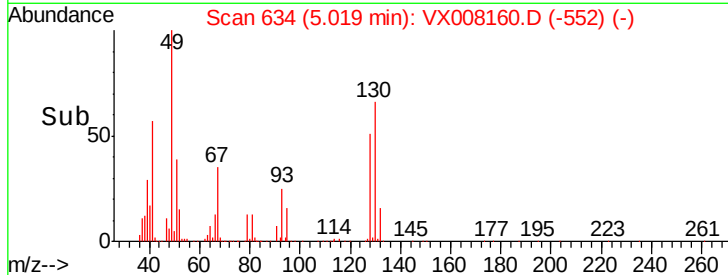
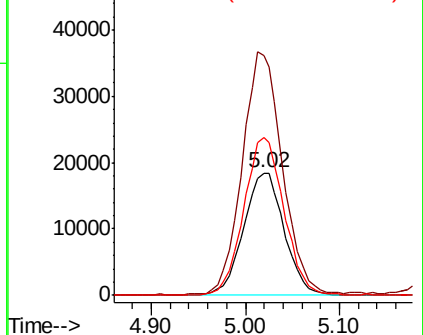


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 47.389 ug/l

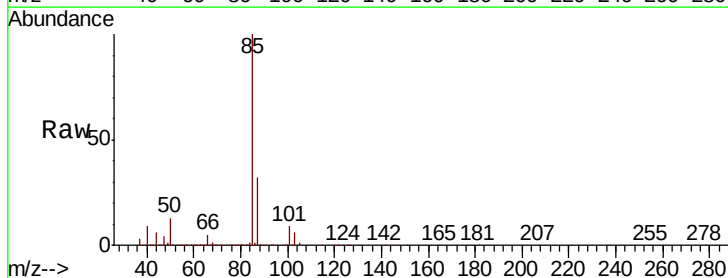
RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

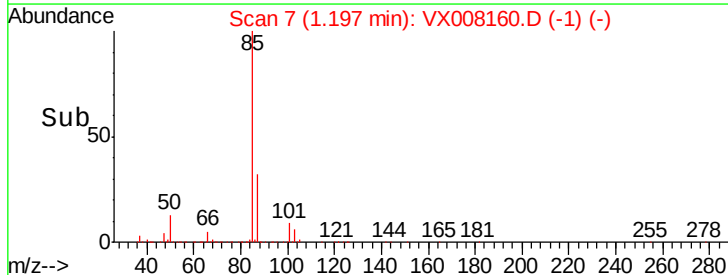
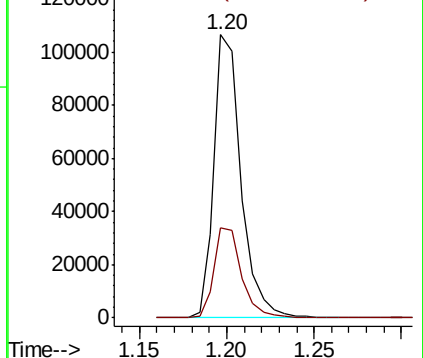
Tgt Ion:	85	Resp:	114958
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.6	49.8

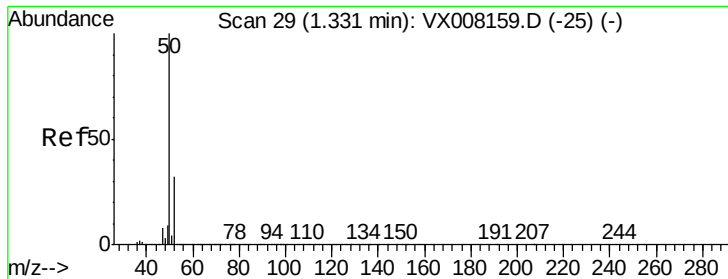


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 47.151 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 141468

Ion Ratio Lower Upper

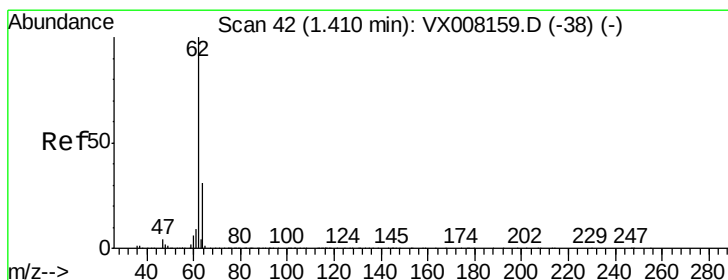
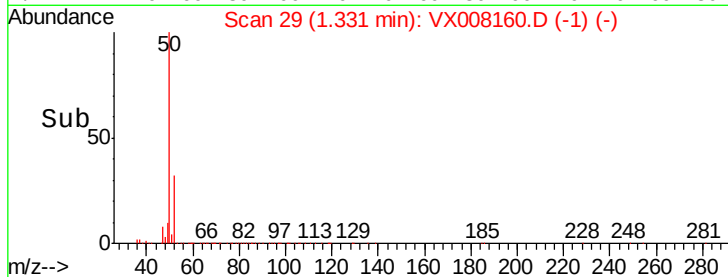
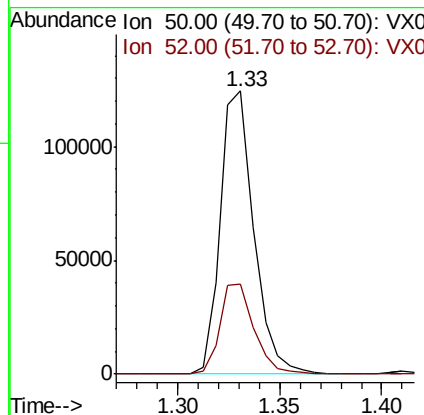
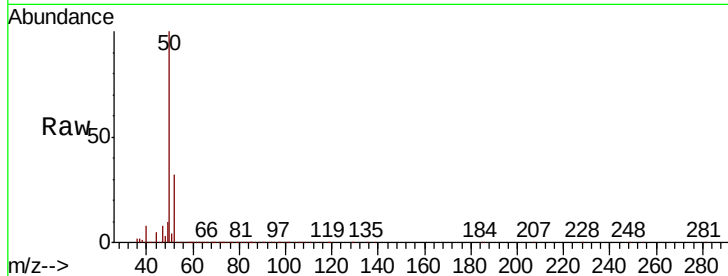
50 100

52 31.8 27.5 41.3

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#4

Vinyl Chloride

Concen: 47.317 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008160.D

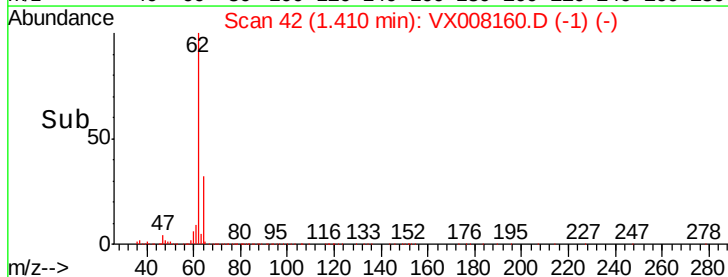
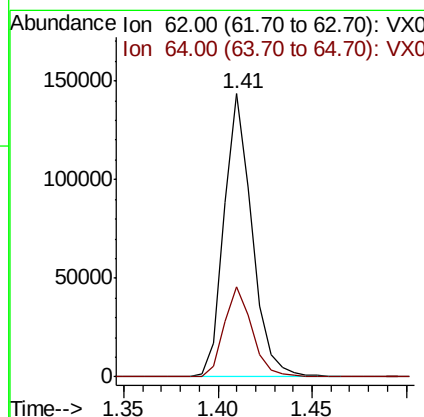
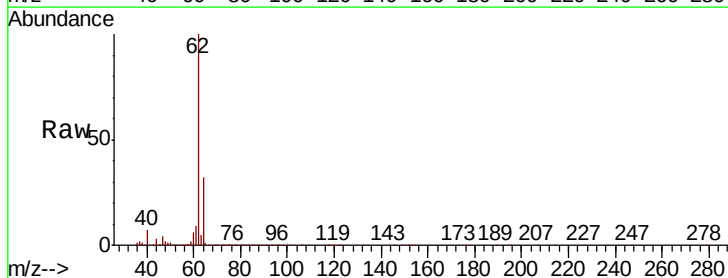
Acq: 18 Mar 2019 11:17

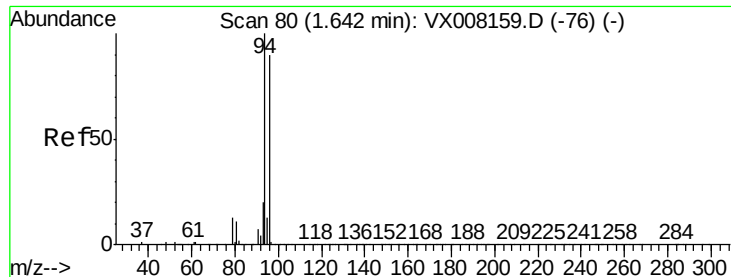
Tgt Ion: 62 Resp: 147076

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 62.977 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 129414

Ion Ratio Lower Upper

94 100

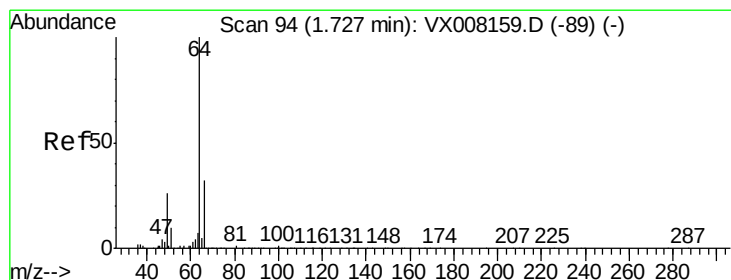
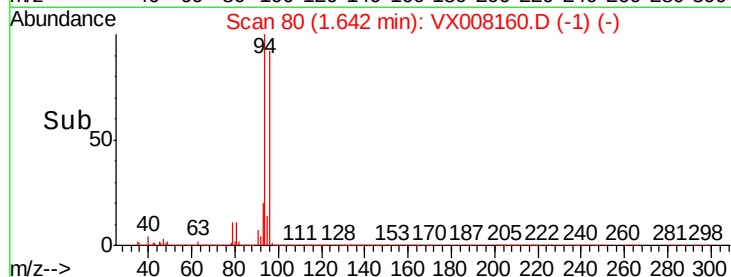
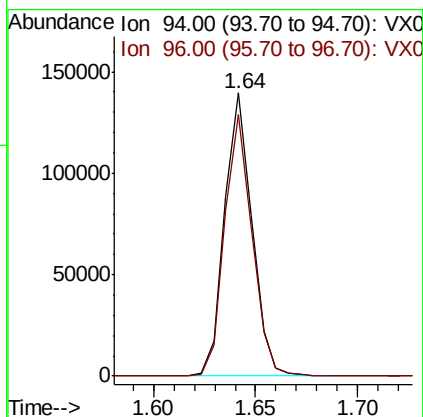
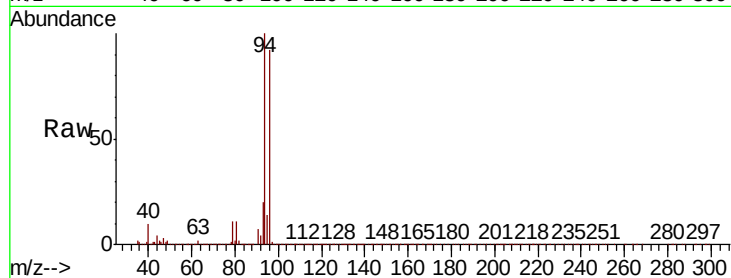
96 92.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 48.285 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX008160.D

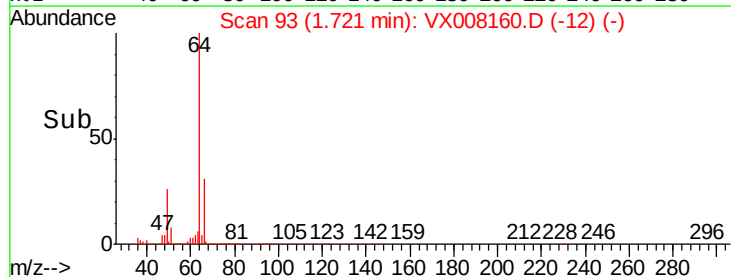
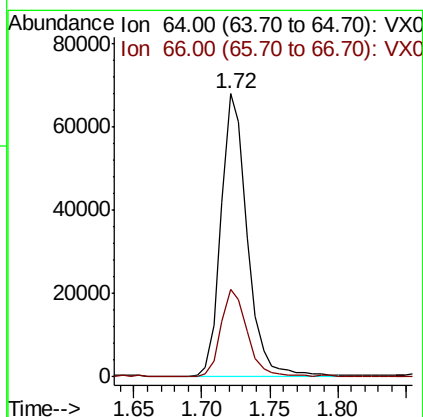
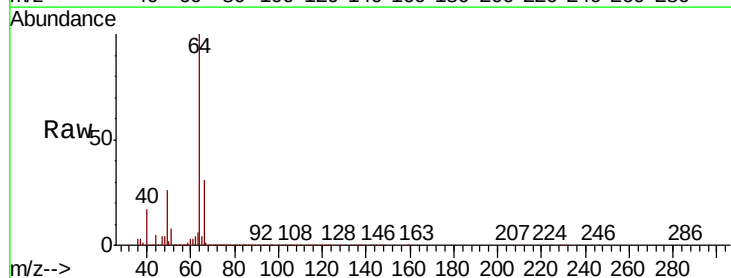
Acq: 18 Mar 2019 11:17

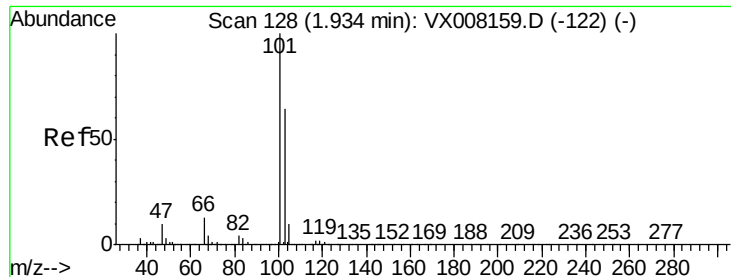
Tgt Ion: 64 Resp: 90415

Ion Ratio Lower Upper

64 100

66 30.9 23.9 35.9





#7

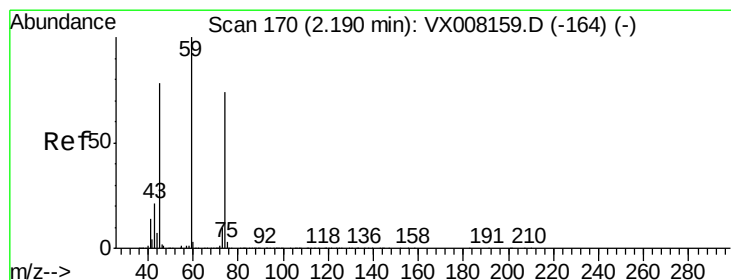
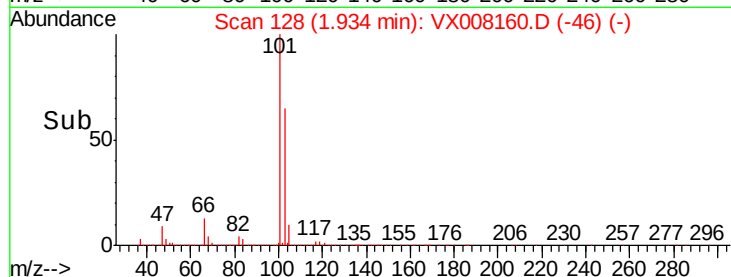
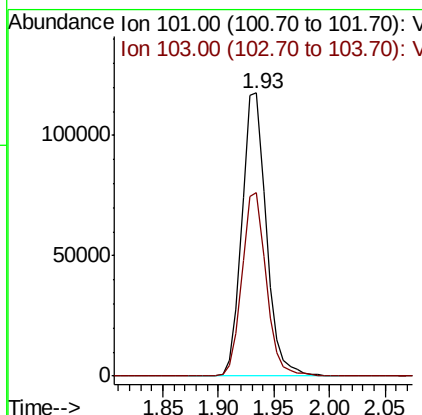
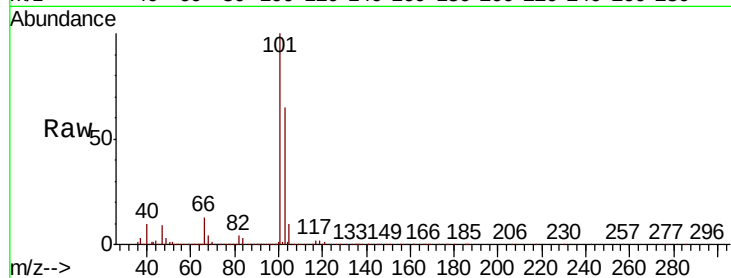
Trichlorofluoromethane
Concen: 47.275 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX008160.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.4	75.6

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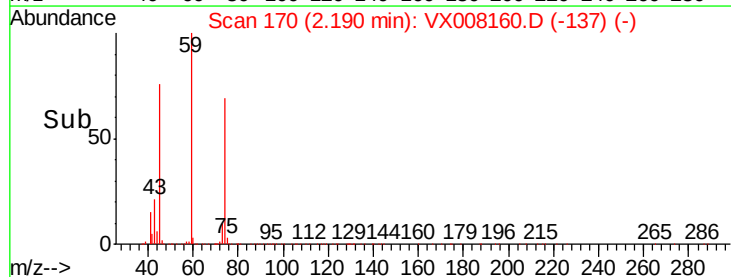
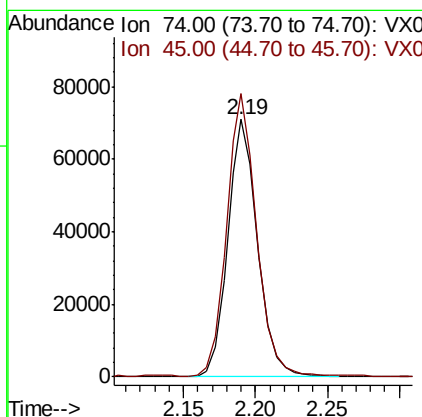
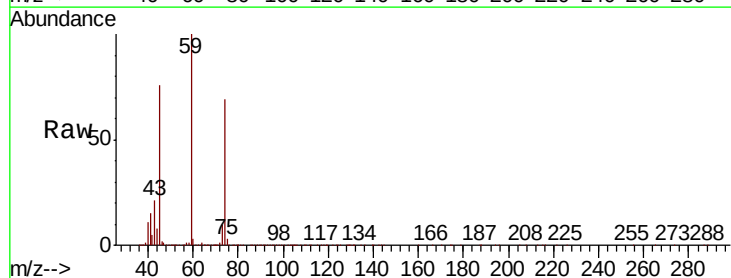
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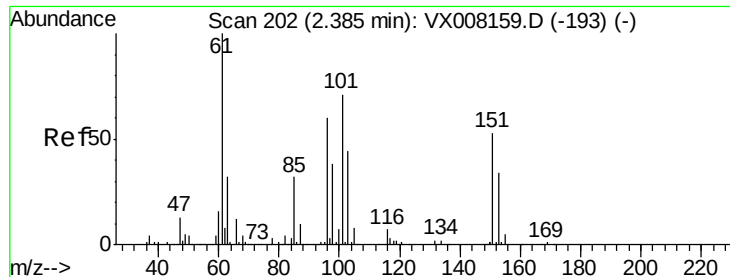


#8

Diethyl Ether
Concen: 46.640 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.8	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.610 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

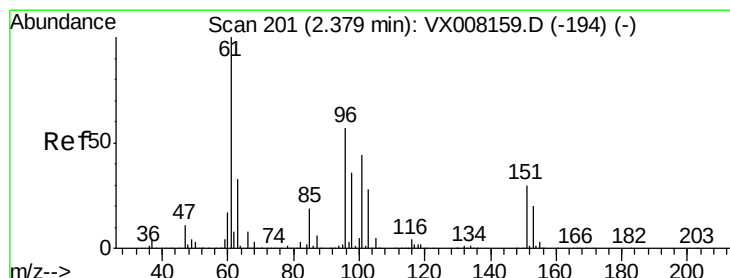
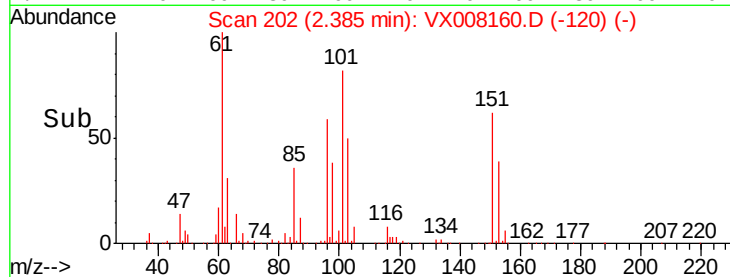
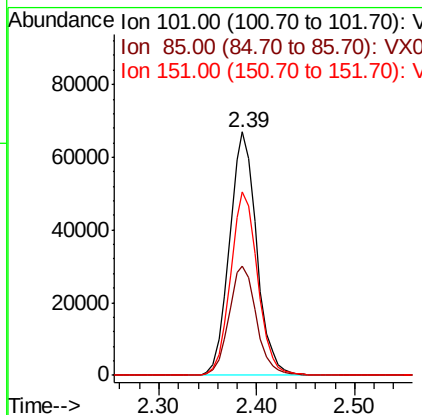
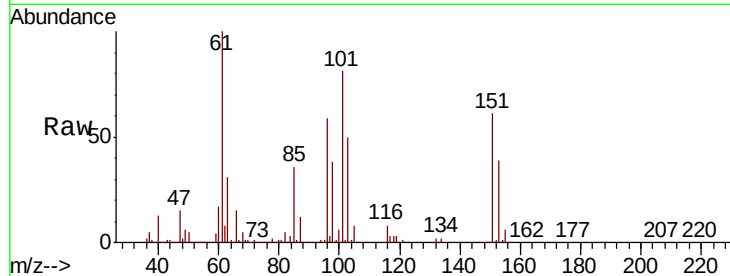
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	128475
Ion Ratio	Lower	Upper	
101	100		
85	45.4	0.0	86.8
151	75.5	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 47.797 ug/l

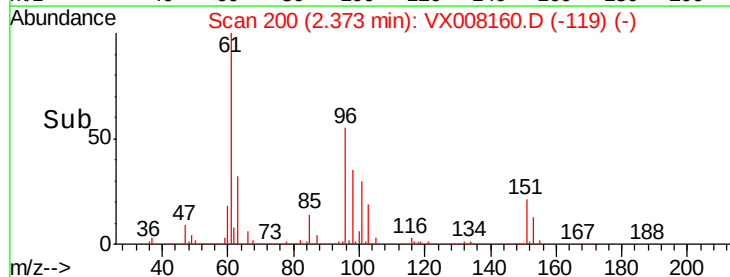
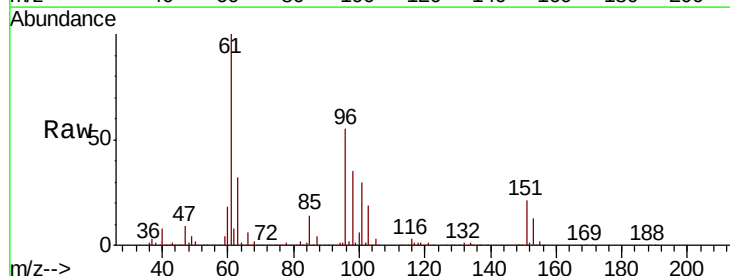
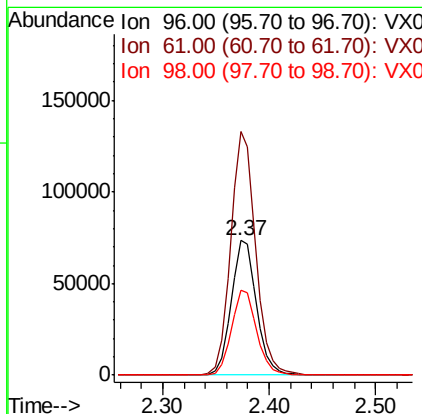
RT: 2.37 min Scan# 200

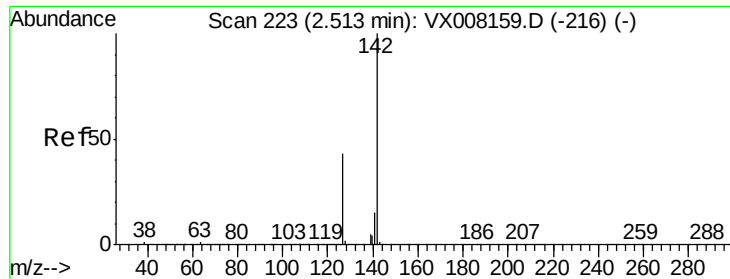
Delta R.T. -0.01 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	96	Resp:	122183
Ion Ratio	Lower	Upper	
96	100		
61	180.6	120.2	180.2#
98	62.7	49.0	73.4





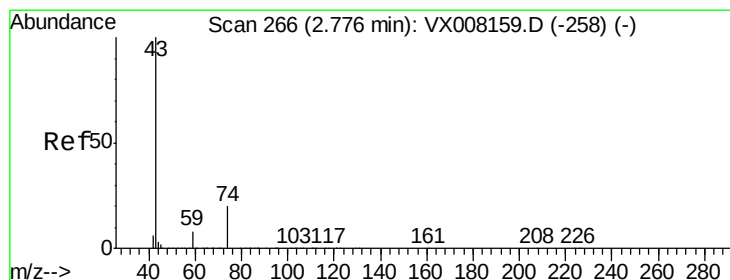
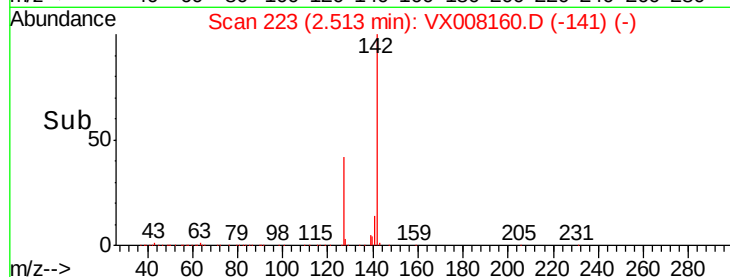
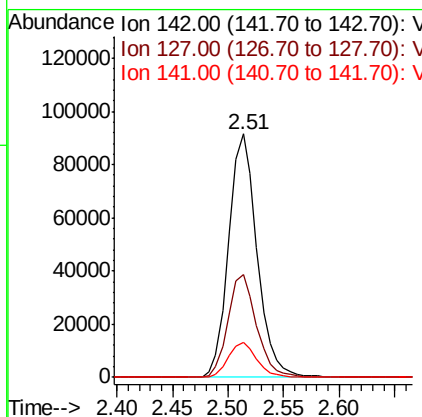
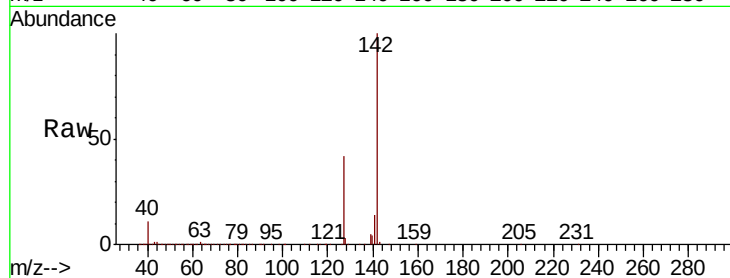
#11
Methvl Iodide
Concen: 53.572 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.0	22.1	66.5
141	14.2	7.4	22.3

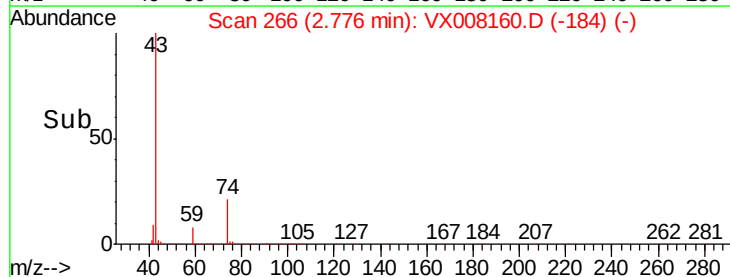
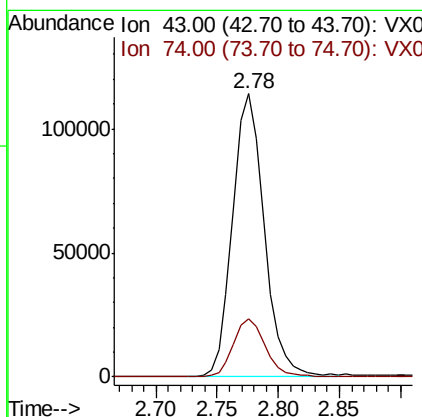
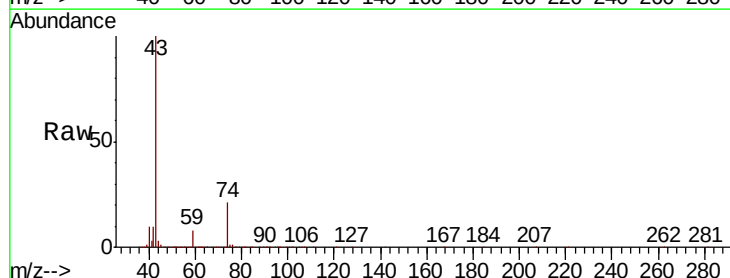
Manual Integrations
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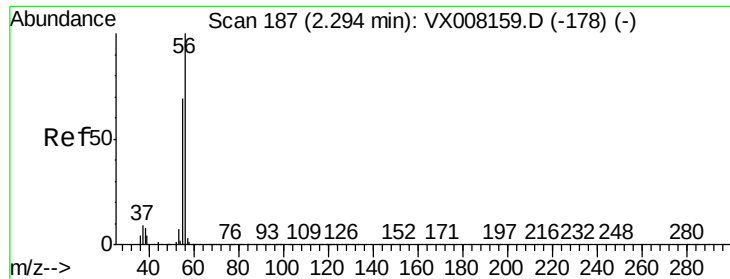
MMDadoda
3/19/2019 9:36:55 AM



#12
Methyl Acetate
Concen: 47.870 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	19.4	29.0





#13

Acrolein

Concen: 231.708 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 139321

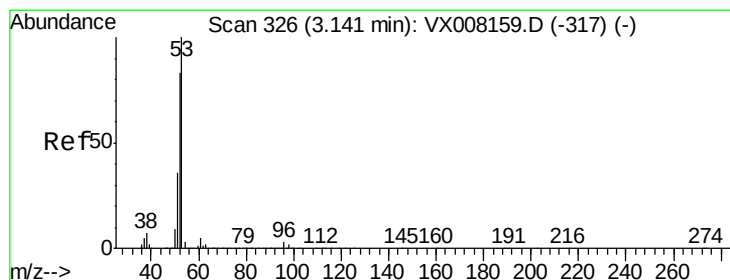
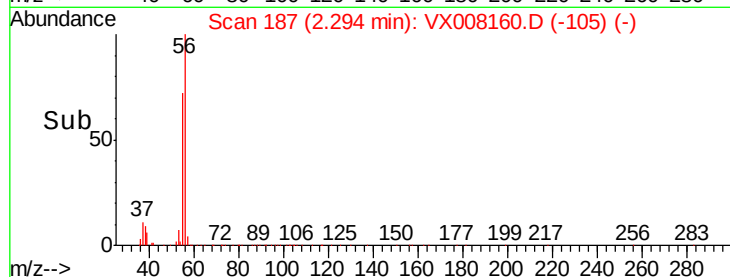
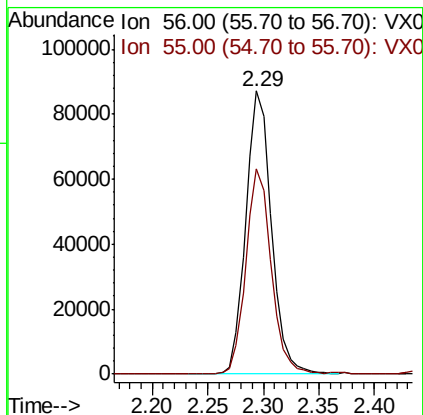
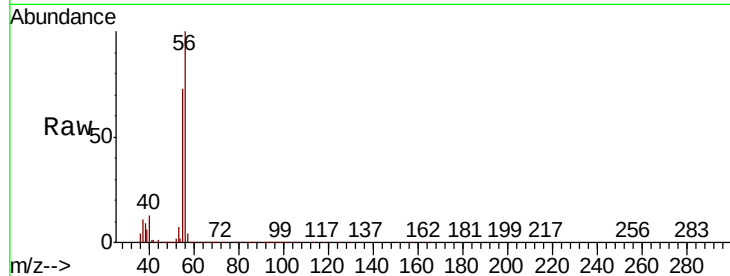
Ion Ratio Lower Upper

56 100

55 71.4 58.6 87.8

Manual Integrations
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#14

Acrylonitrile

Concen: 238.202 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

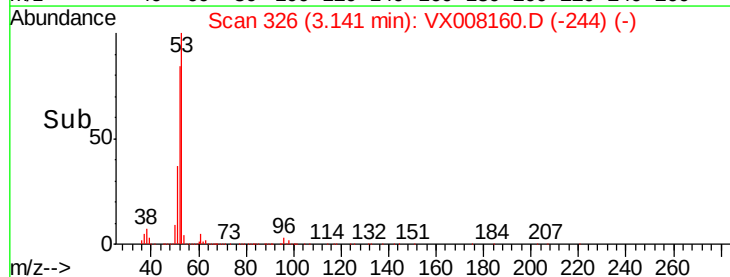
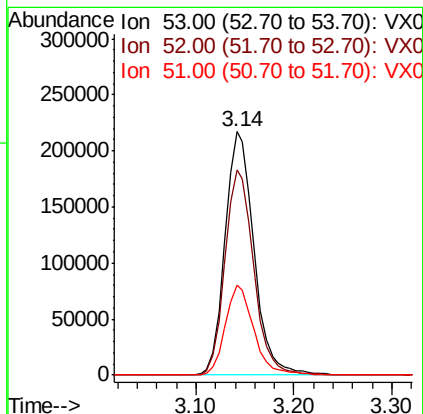
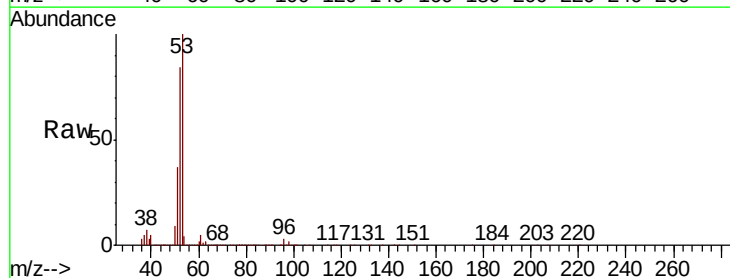
Tgt Ion: 53 Resp: 444580

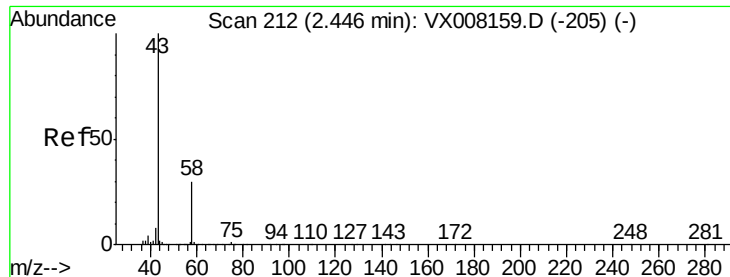
Ion Ratio Lower Upper

53 100

52 84.0 41.3 124.1

51 36.7 17.5 52.6





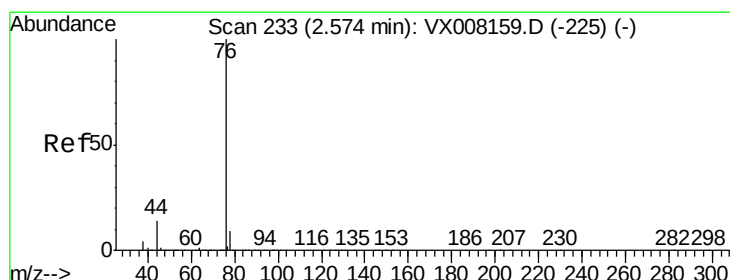
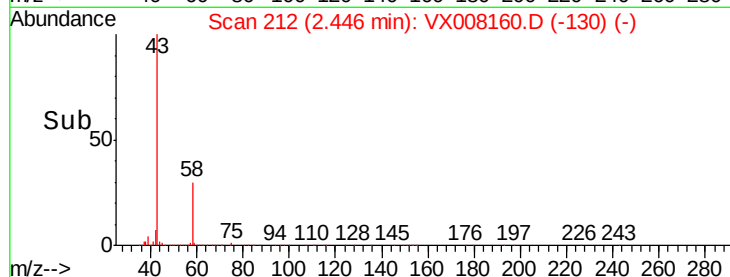
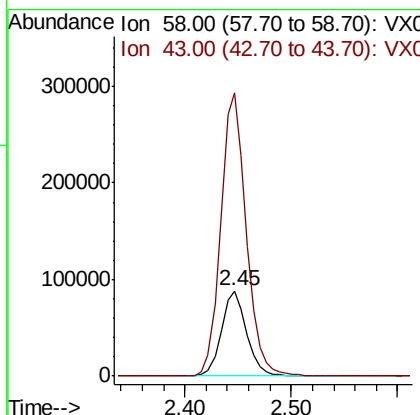
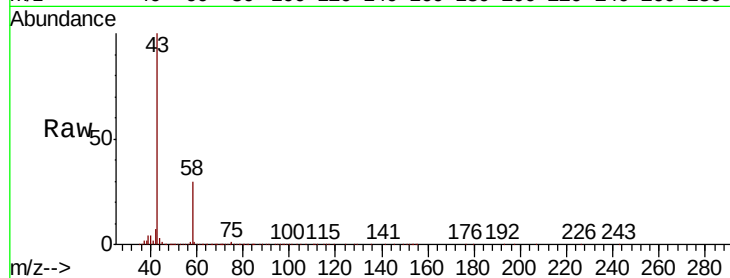
#15
Acetone
Concen: 219.690 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	58	43	Resp	Lower	Upper
144635	100	331.2		249.8	374.6

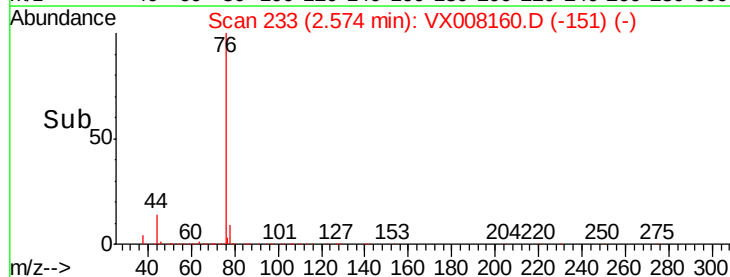
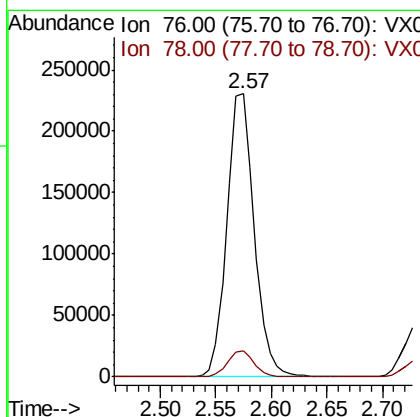
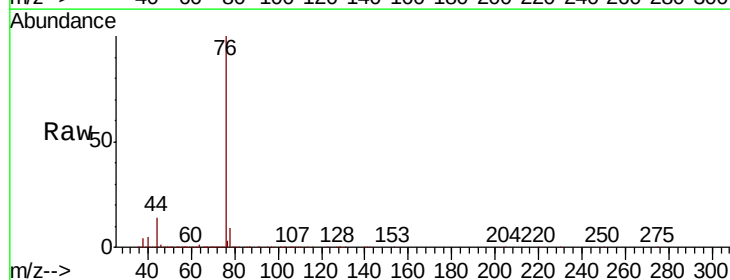
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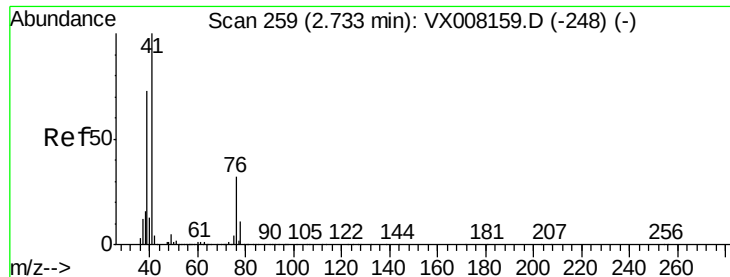
MMDadoda
3/19/2019 9:36:55 AM



#16
Carbon Disulfide
Concen: 48.853 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	76	78	Resp	Lower	Upper
393443	100	9.0		7.5	11.3





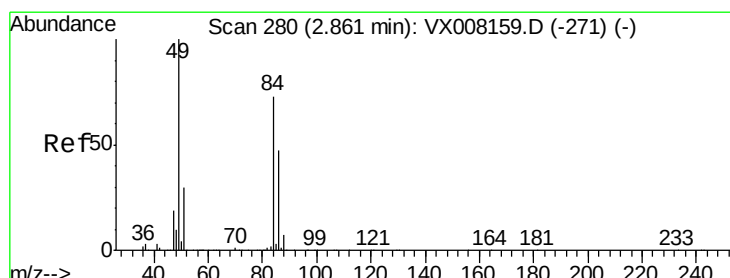
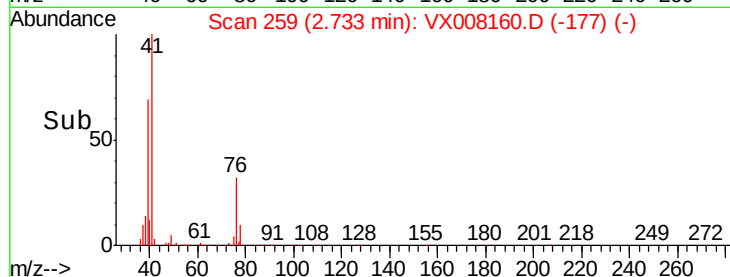
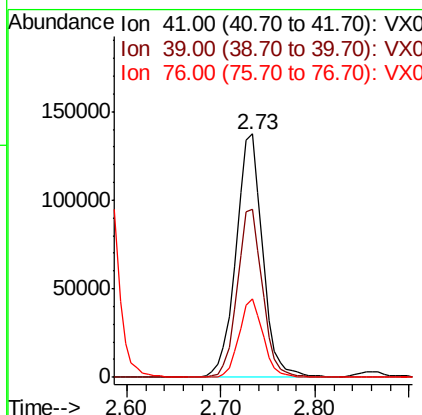
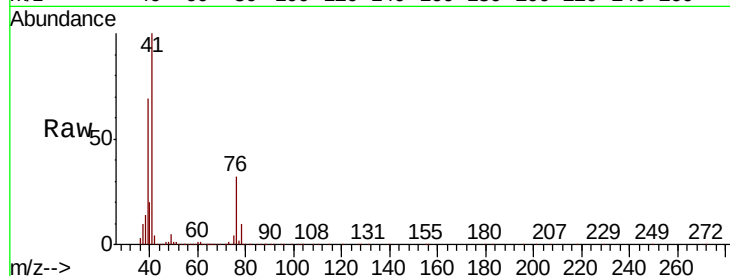
#17
Allvl chloride
Concen: 49.898 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.1	35.8	107.4
76	32.0	18.3	54.9

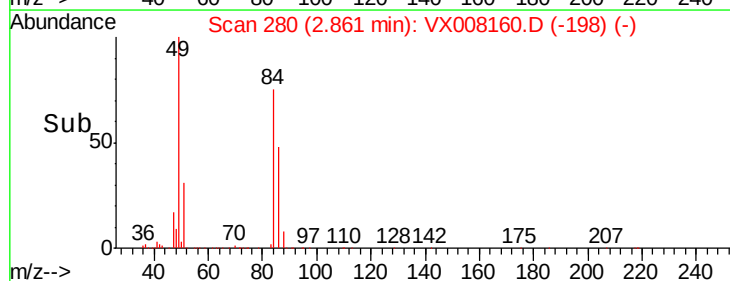
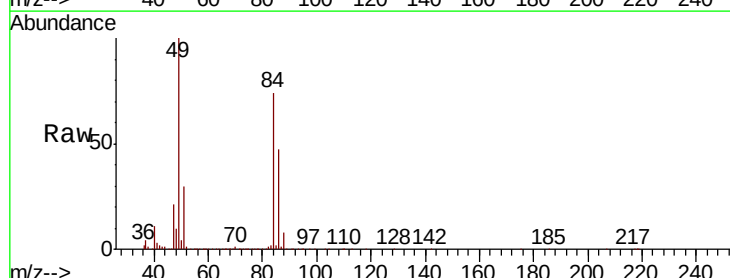
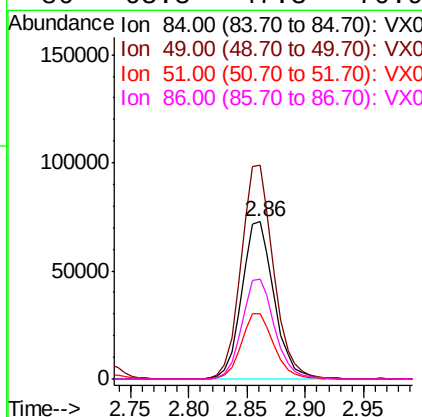
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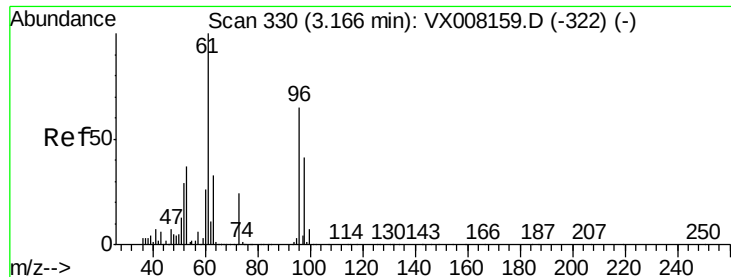
MMDadoda
3/19/2019 9:36:55 AM



#18
Methylene Chloride
Concen: 47.034 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	96.1	144.1
51	41.1	29.1	43.7
86	63.3	47.3	70.9





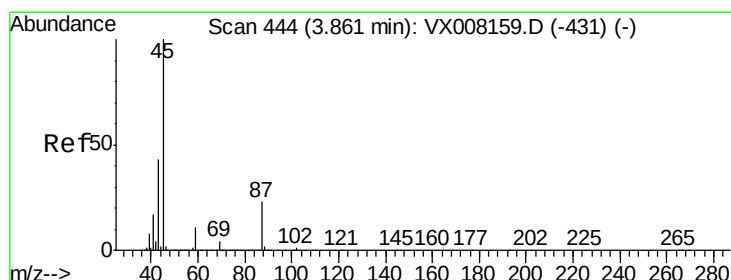
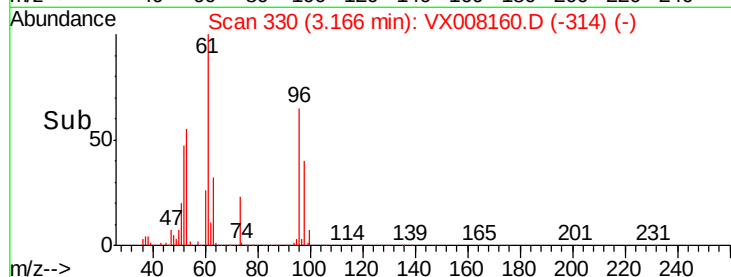
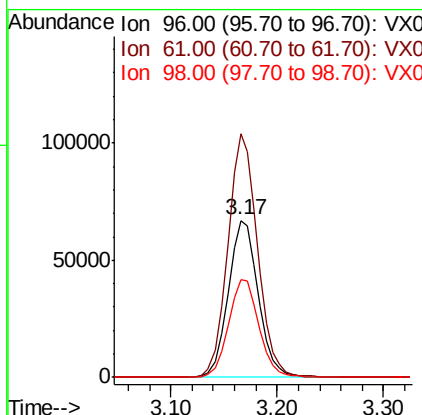
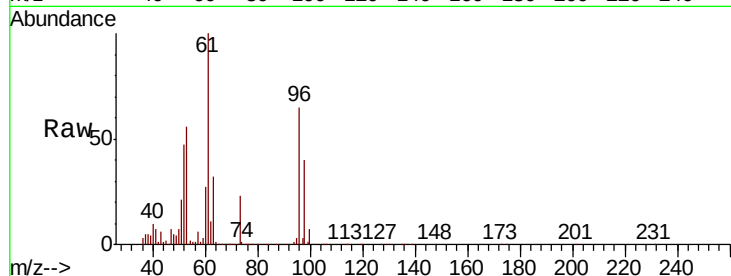
#19
trans-1,2-Dichloroethene
Concen: 48.149 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.9	109.9	164.9
98	62.5	50.4	75.6

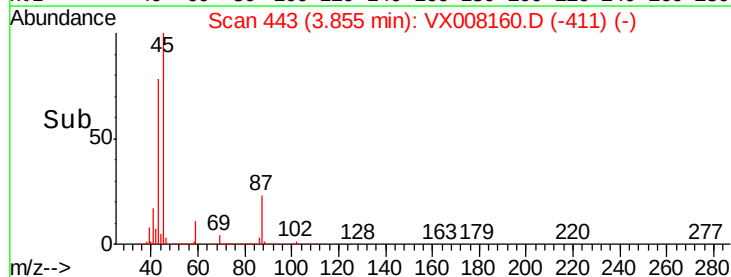
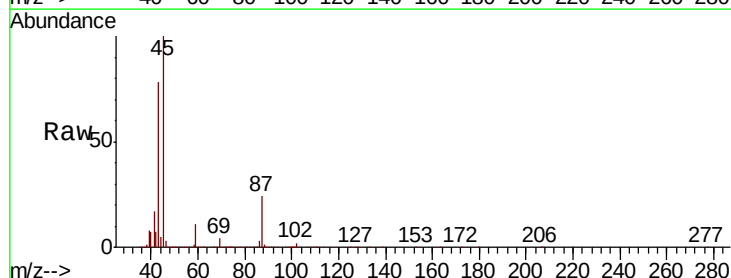
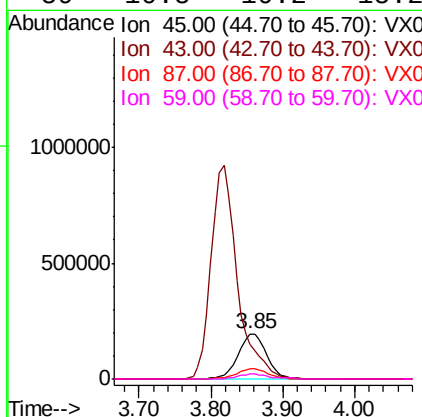
Manual Integrations
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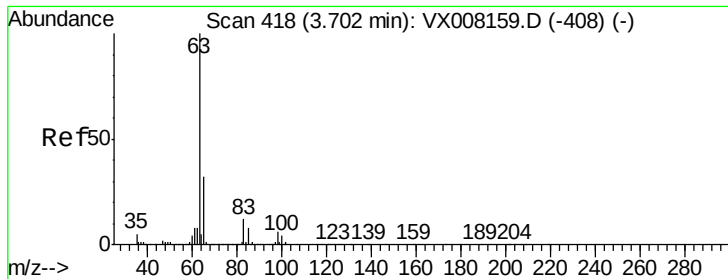
MMDadoda
3/19/2019 9:36:55 AM



#20
Diisopropyl ether
Concen: 48.711 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.01 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.1	50.6	76.0#
87	23.5	24.5	36.7#
59	10.5	10.2	15.2





#21

1,1-Dichloroethane

Concen: 47.654 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

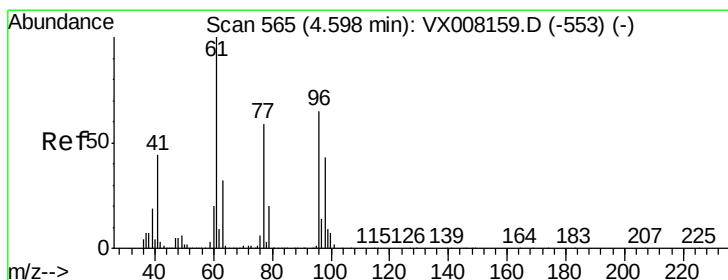
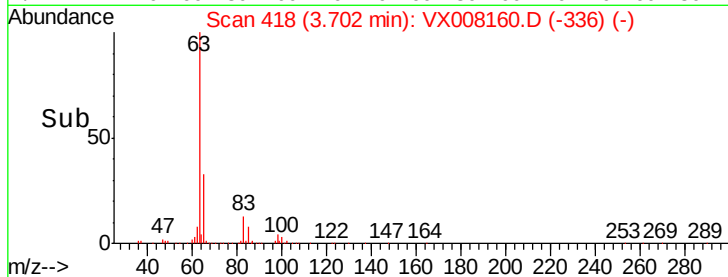
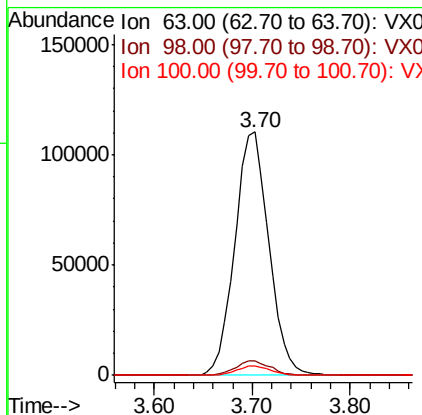
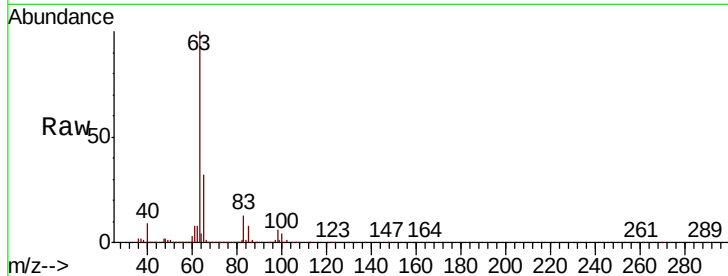
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	266658		
98	6.0		3.8	11.4
100	3.5		2.4	7.1

Manual Integrations
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3/19/2019 9:36:55 AM



#22

cis-1,2-Dichloroethene

Concen: 47.795 ug/l

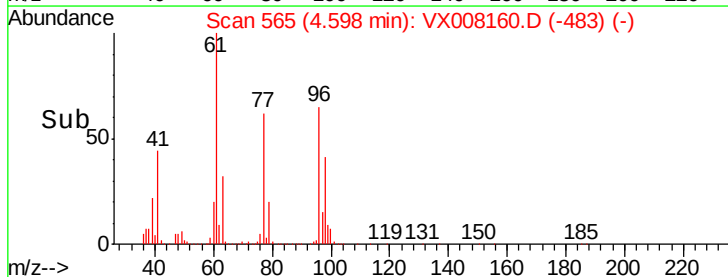
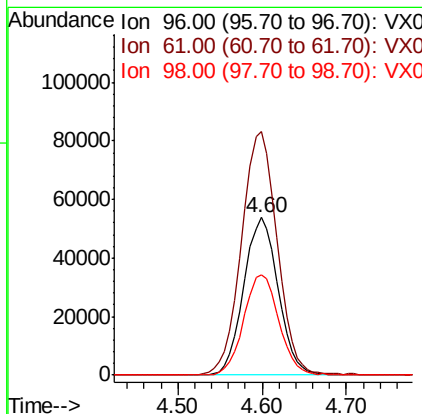
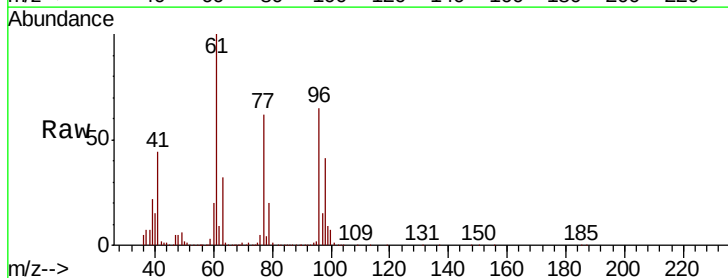
RT: 4.60 min Scan# 565

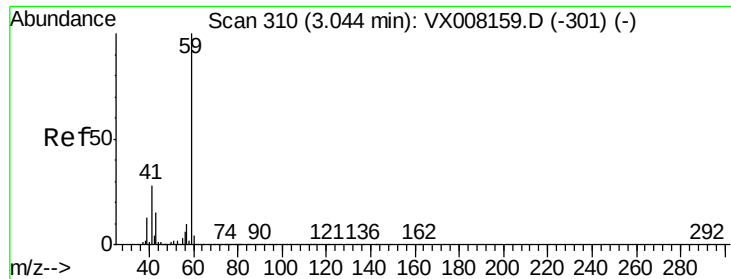
Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	149841		
61	158.8		103.5	155.3#
98	64.9		52.1	78.1





#23

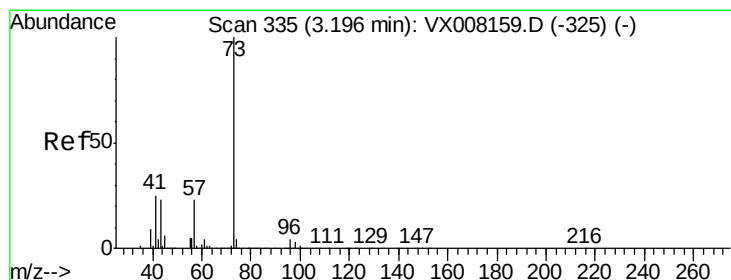
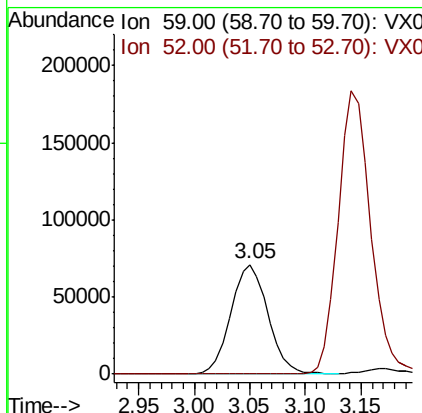
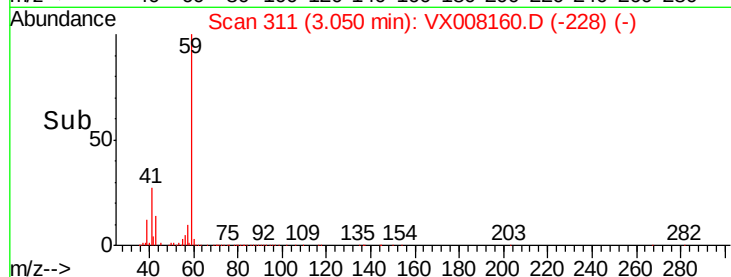
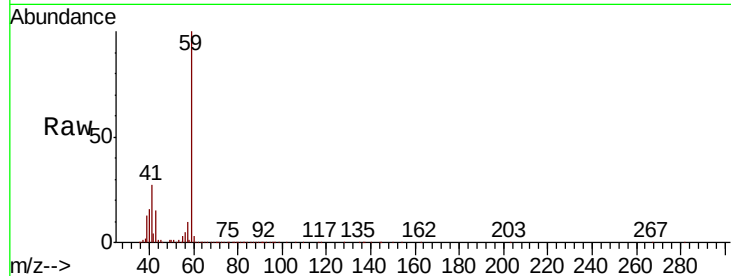
tert-Butyl Alcohol
Concen: 238.610 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.2	0.2#

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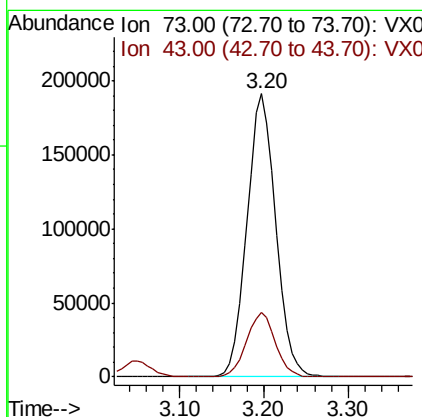
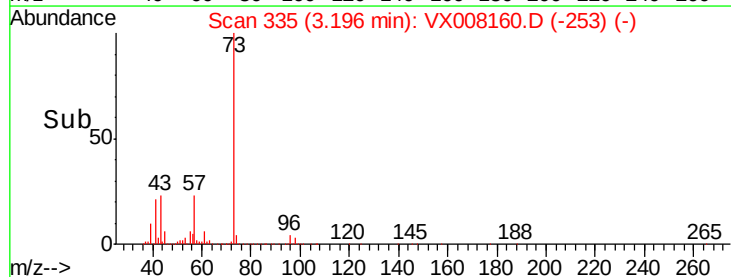
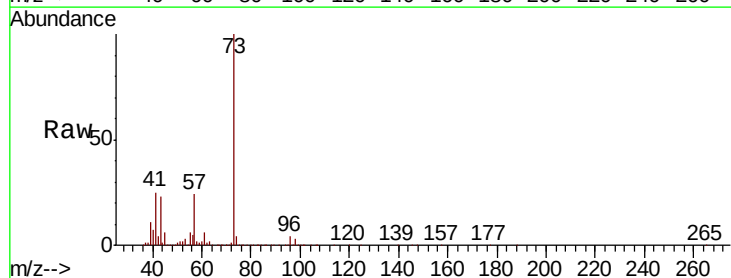
MMDadoda
3/19/2019 9:36:55 AM

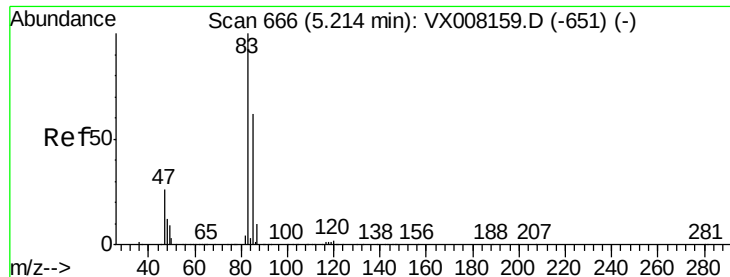


#24

Methyl tert-Butyl Ether
Concen: 48.105 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.4	17.1	25.7





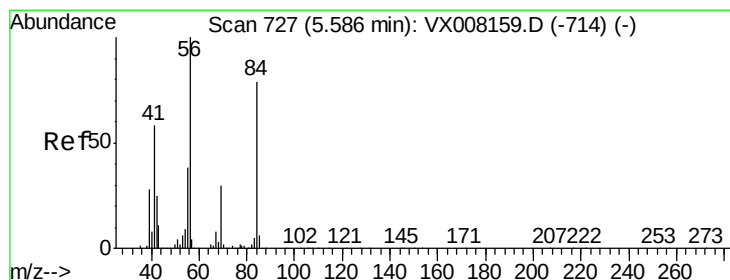
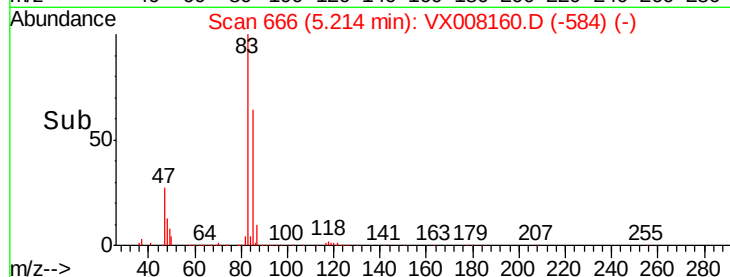
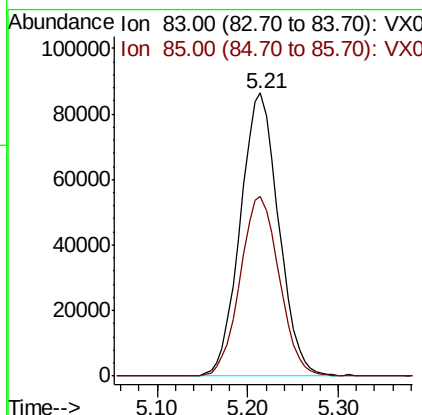
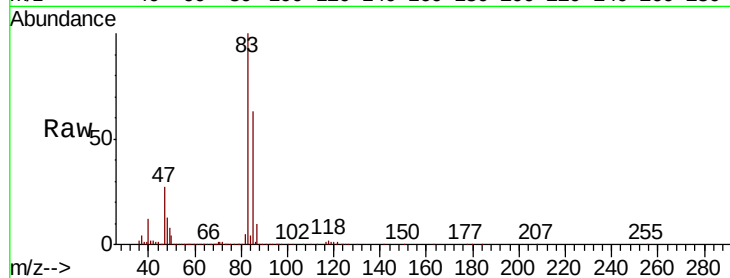
#25
Chloroform
Concen: 47.260 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	83	Resp	252821
Ion Ratio	Lower	Upper	
83	100		
85	63.5	53.8	80.6

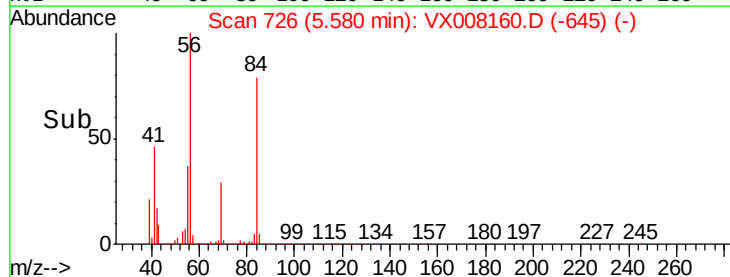
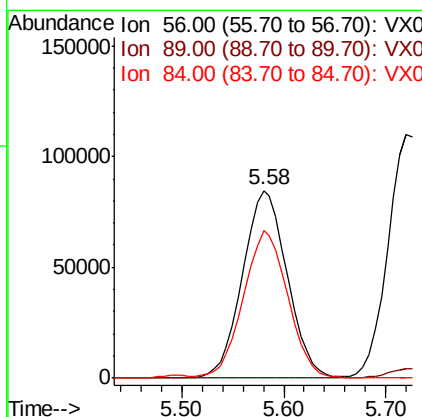
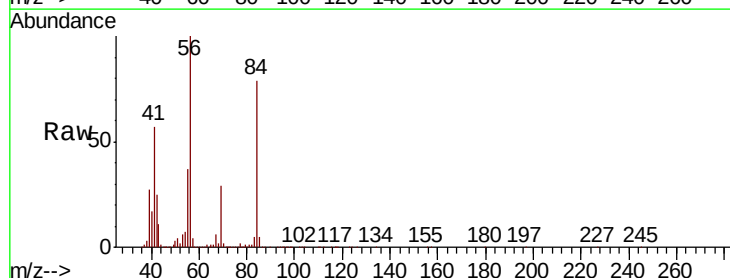
Manual Integrations
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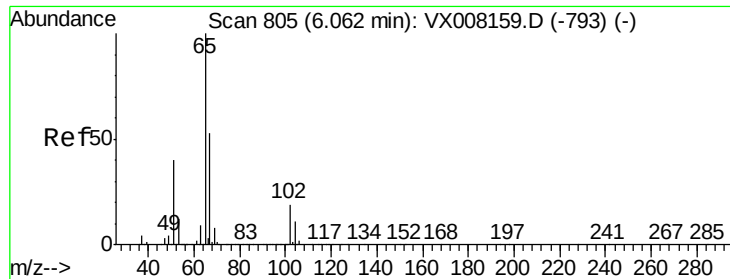
MMDadoda
3/19/2019 9:36:55 AM



#26
Cyclohexane
Concen: 49.453 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	56	Resp	257130
Ion Ratio	Lower	Upper	
56	100		
89	0.0	0.0	0.0#
84	78.2	73.9	110.9





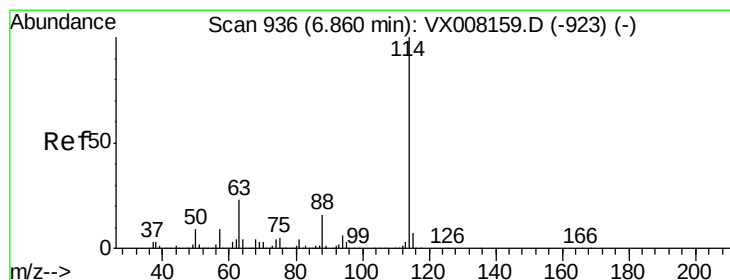
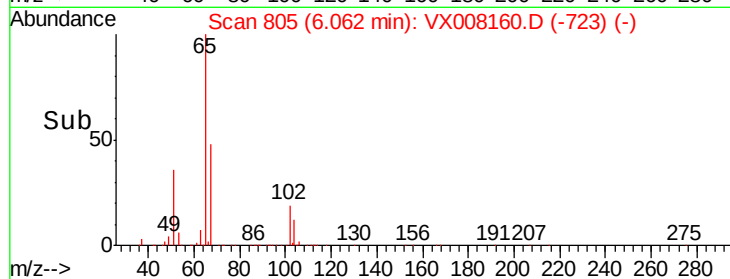
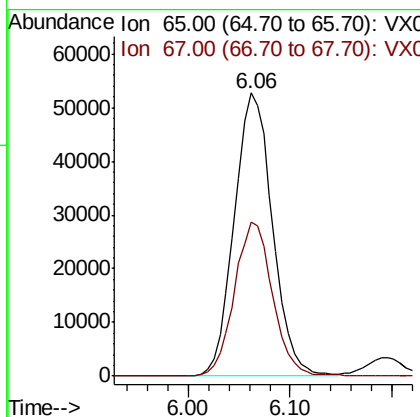
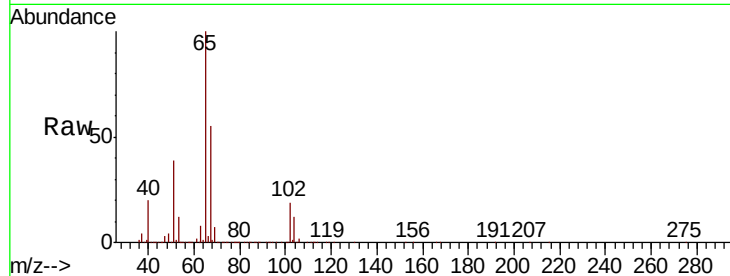
#27
 1,2-Dichloroethane-d4
 Concen: 28.755 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	42.9	64.3

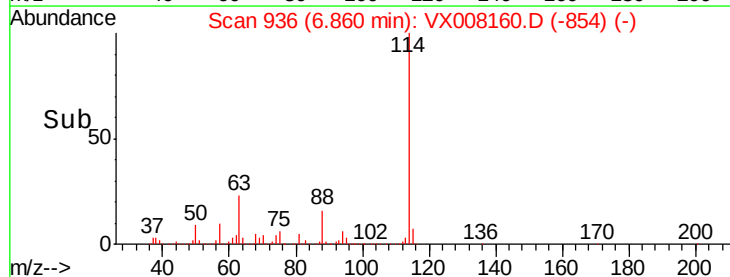
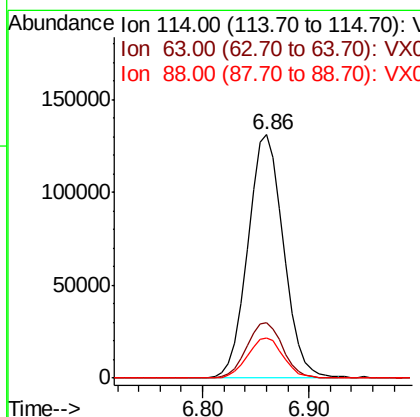
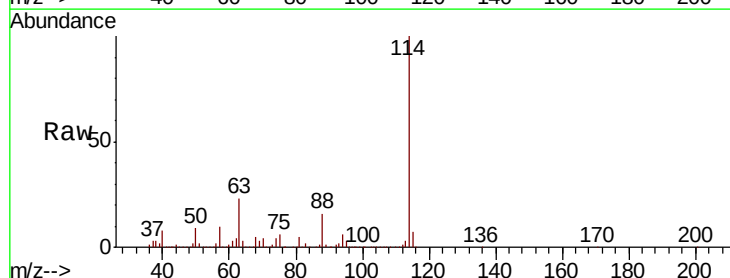
Manual Integrations
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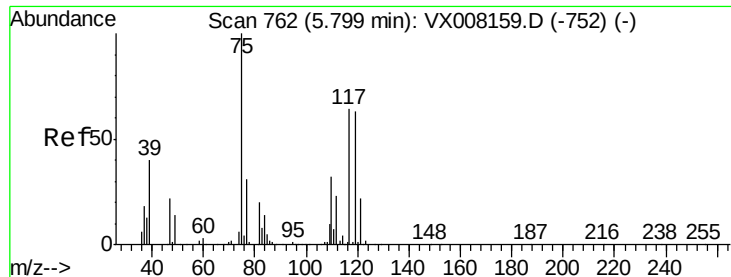
MMDadoda
 3/19/2019 9:36:55 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	14.2	21.4#
88	16.7	11.9	17.9





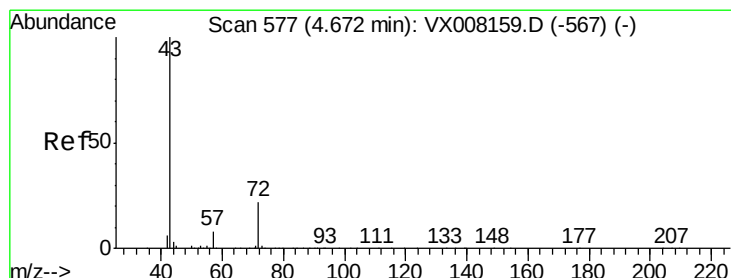
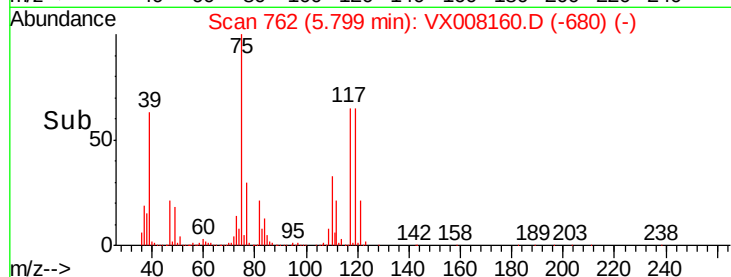
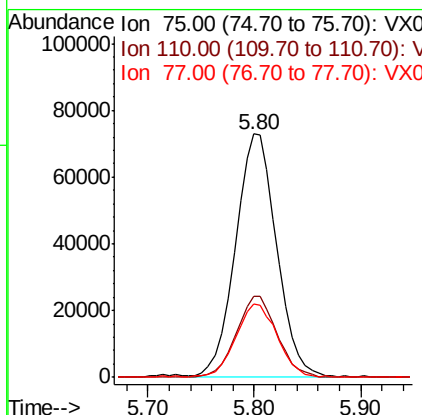
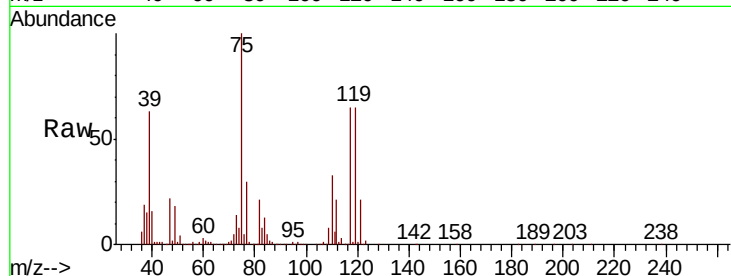
#29
 1,1-Dichloropropene
 Concen: 49.693 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	33.4	0.0	80.8
77	30.5	0.0	62.4

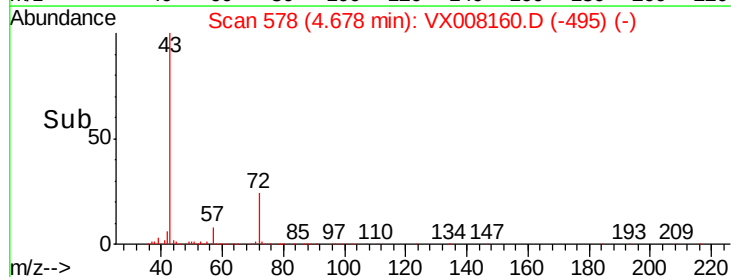
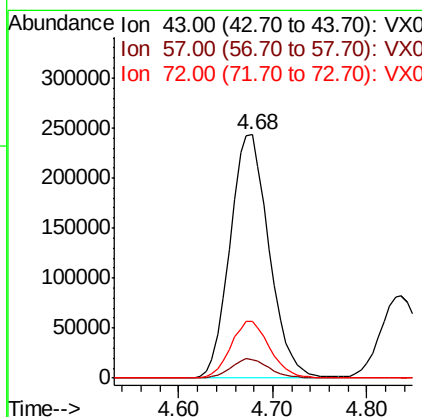
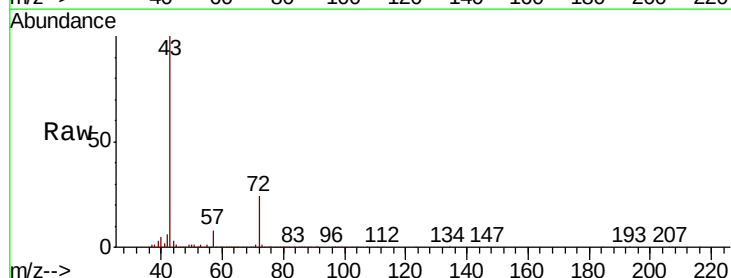
Manual Integrations
 APPROVED

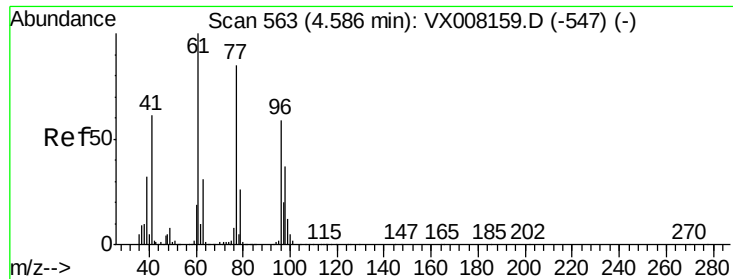
MMDadoda
 3/19/2019 9:36:55 AM



#30
 2-Butanone
 Concen: 235.699 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.7	7.0	10.6
72	23.3	21.5	32.3





#31

2,2-Dichloropropane

Concen: 50.466 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 198441

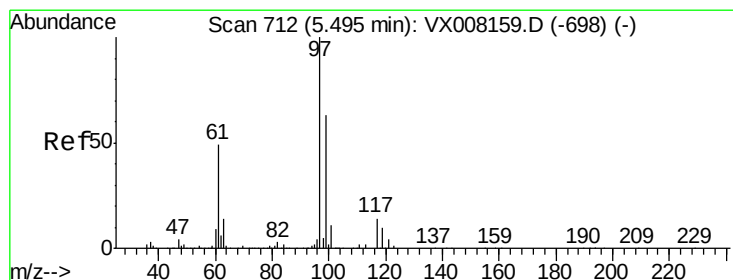
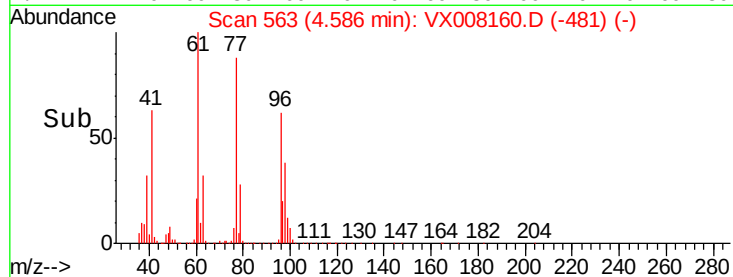
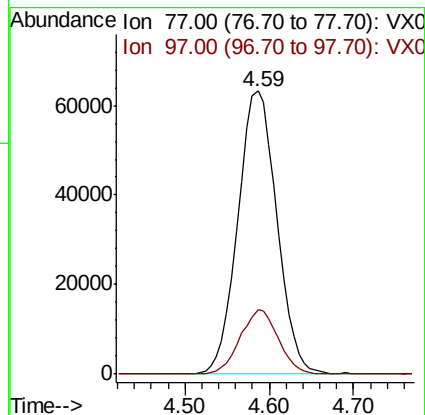
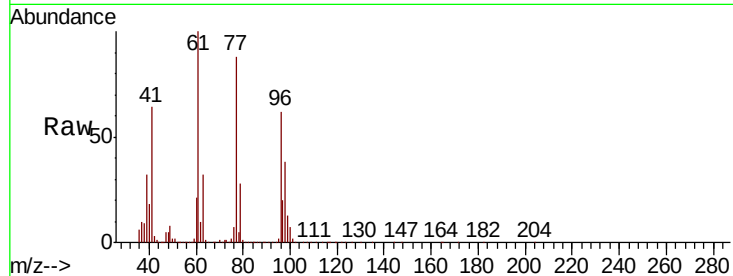
Ion Ratio Lower Upper

77 100

97 22.5 20.6 31.0

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:36:55 AM



#32

1,1,1-Trichloroethane

Concen: 49.483 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

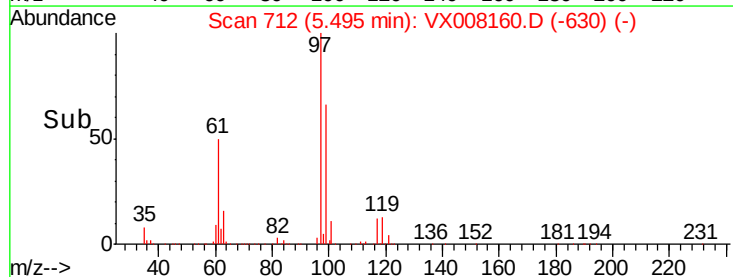
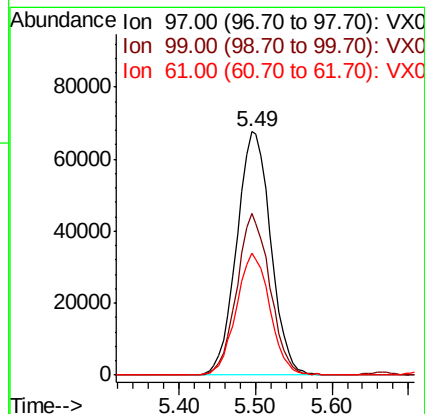
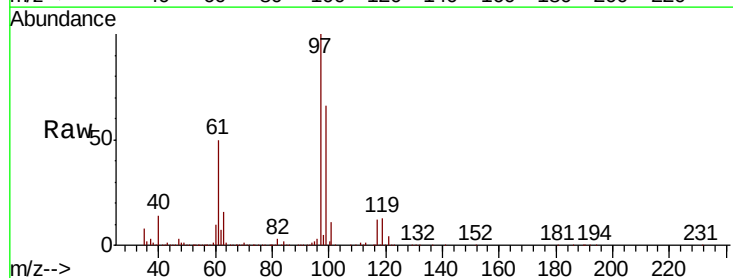
Tgt Ion: 97 Resp: 208720

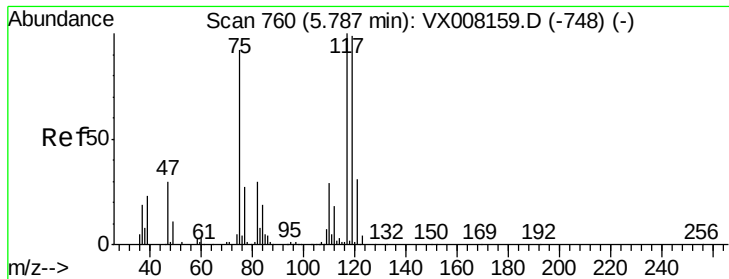
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 49.1 32.8 49.2





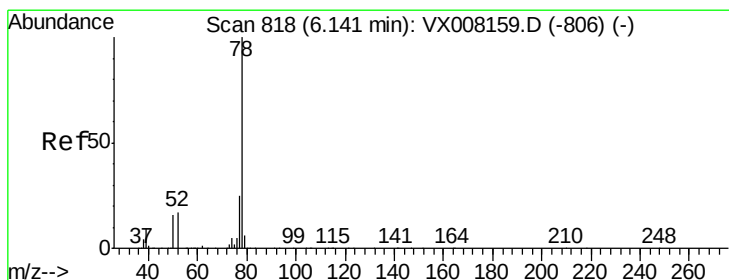
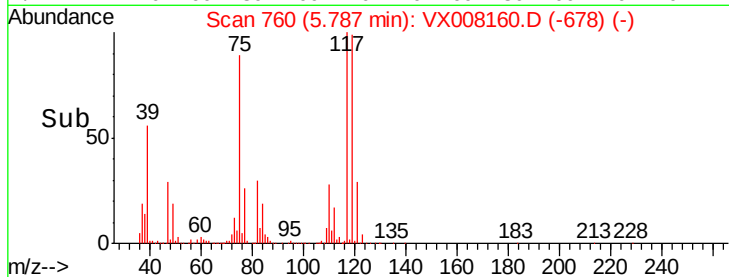
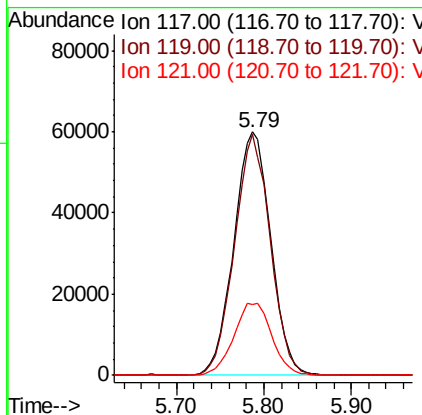
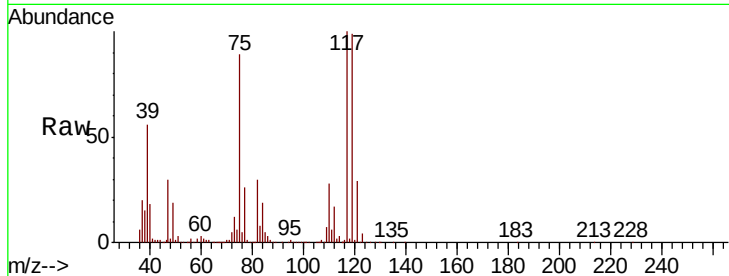
#33
Carbon Tetrachloride
Concen: 51.253 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.1	117.1
121	29.1	27.0	40.6

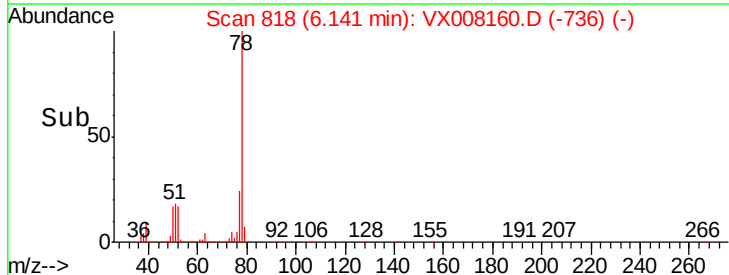
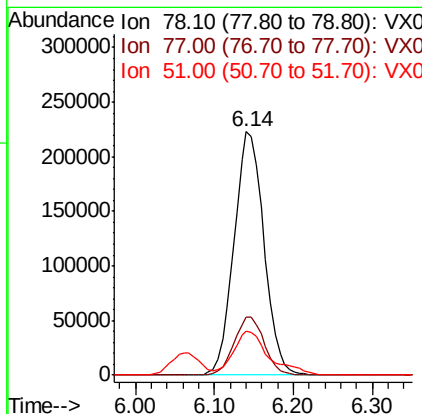
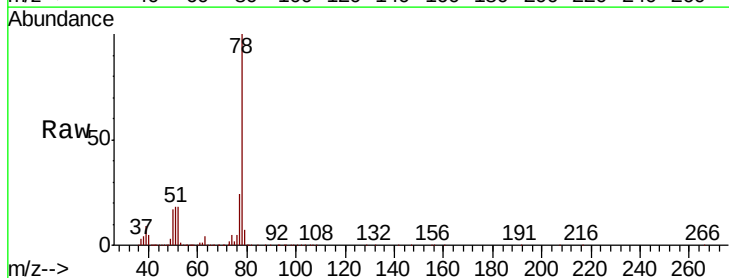
Manual Integrations
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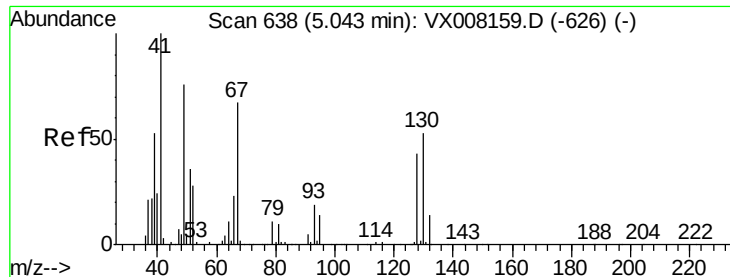
MMDadoda
3/19/2019 9:36:55 AM



#34
Benzene
Concen: 49.084 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	18.0	10.8	16.2#





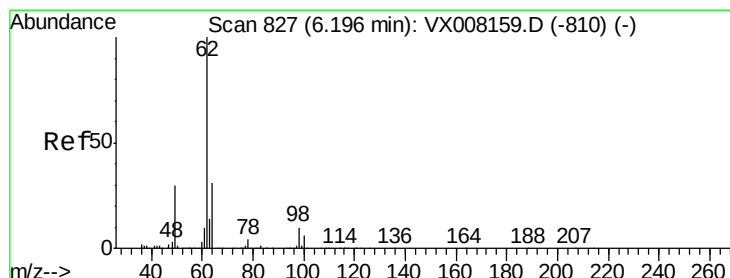
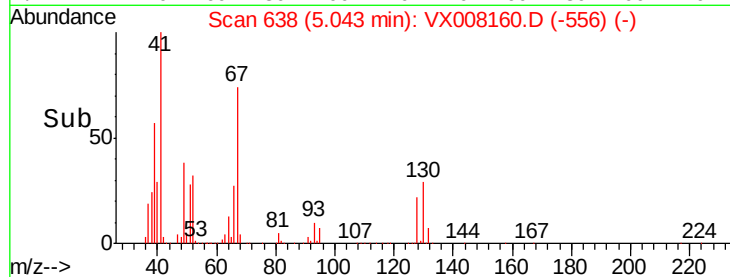
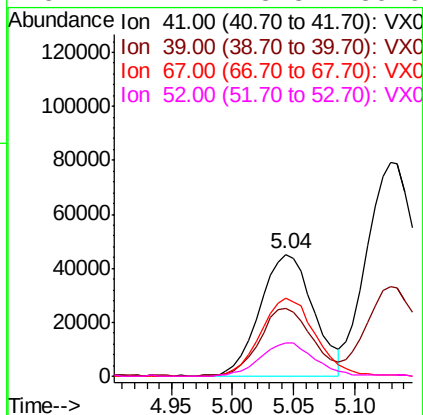
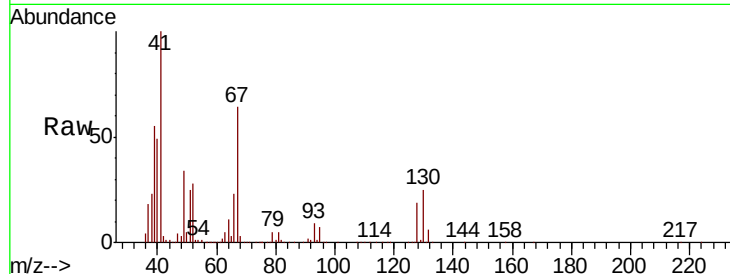
#35
Methacrylonitrile
Concen: 50.423 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	27.4	82.0	
67	64.4	37.9	113.6	
52	27.4	13.3	39.9	

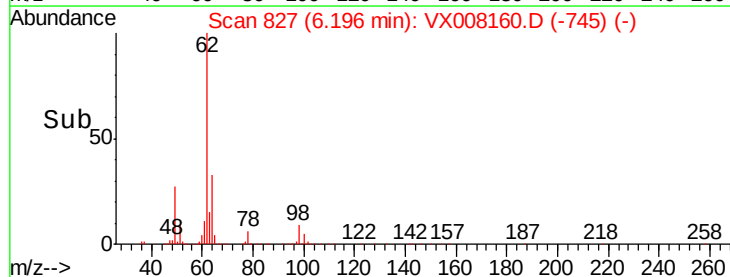
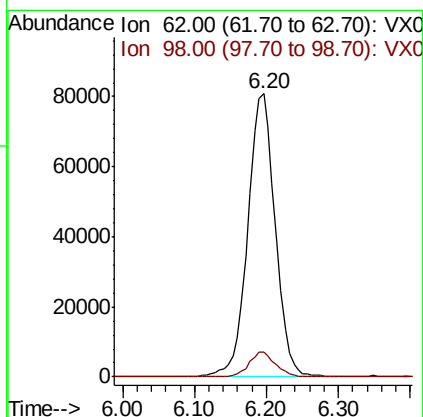
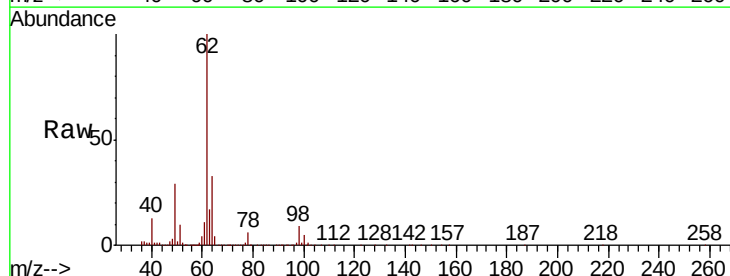
Manual Integrations
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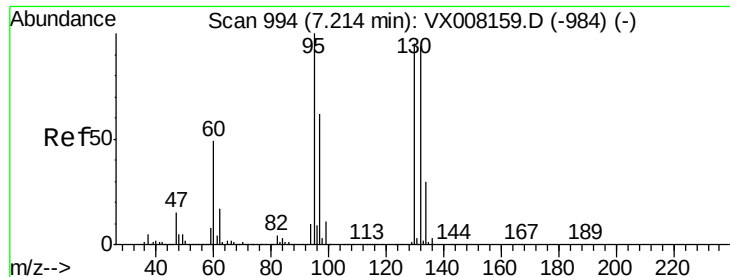
MMDadoda
3/19/2019 9:36:55 AM



#36
1,2-Dichloroethane
Concen: 48.153 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	7.8	11.8	





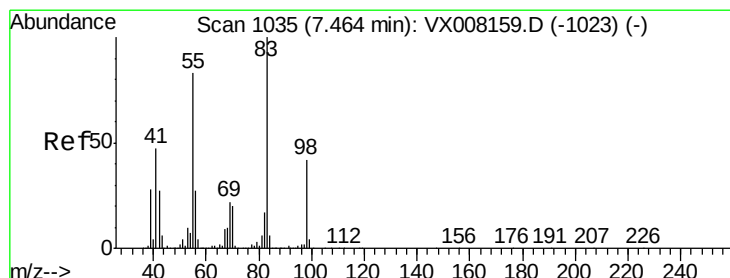
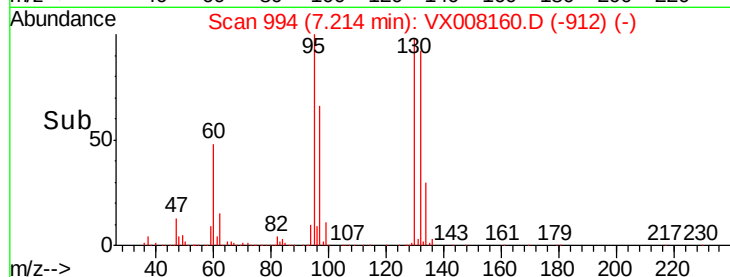
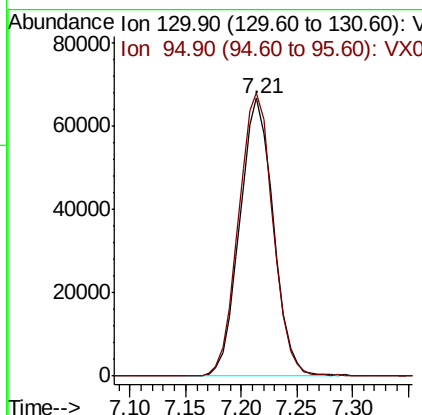
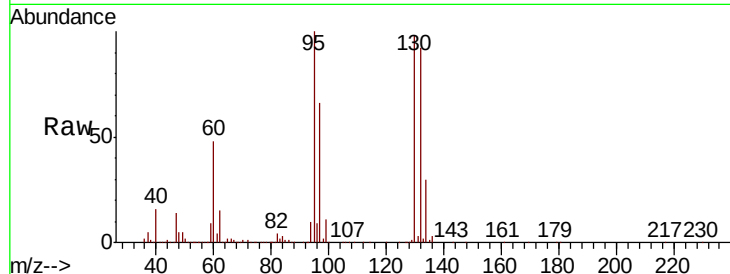
#37
 Trichloroethene
 Concen: 49.798 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
130	100	140572		
95	101.9	71.3	106.9	

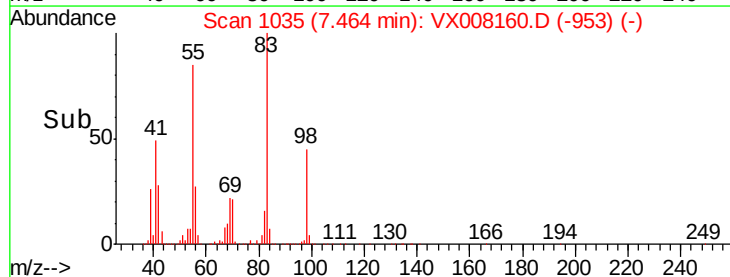
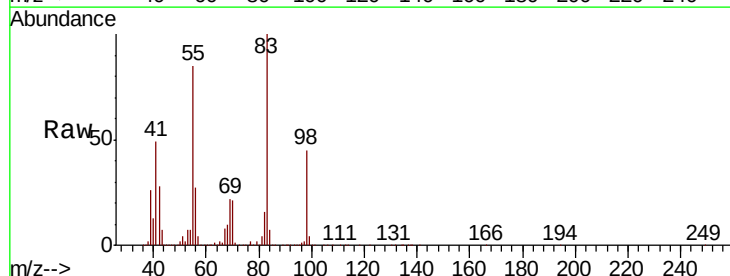
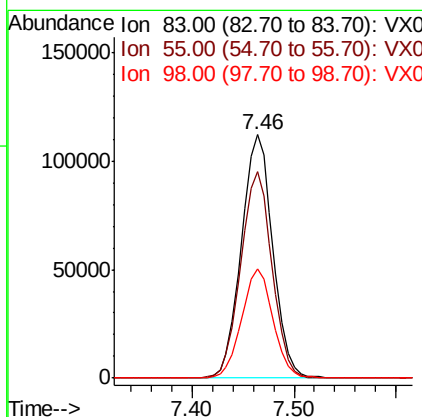
Manual Integrations
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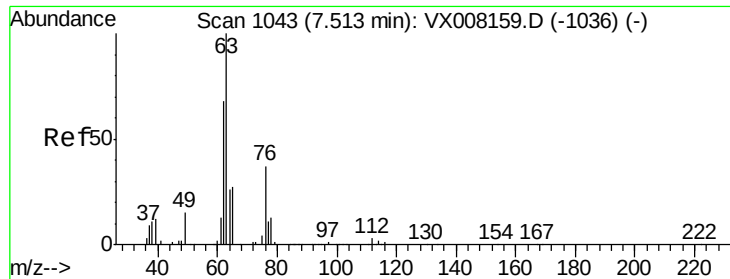
MMDadoda
 3/19/2019 9:36:55 AM



#38
 Methylcyclohexane
 Concen: 50.643 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	240576		
55	83.9	36.0	108.0	
98	44.7	23.8	71.4	





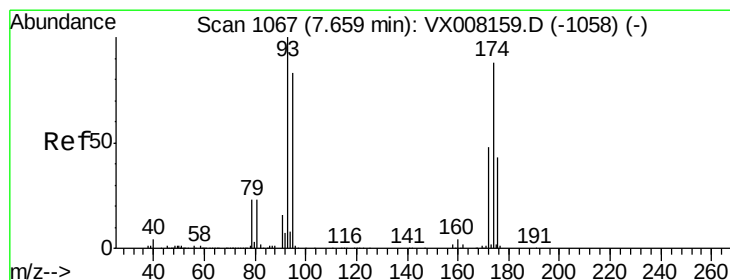
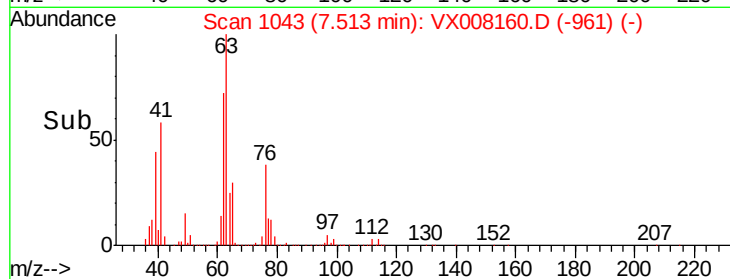
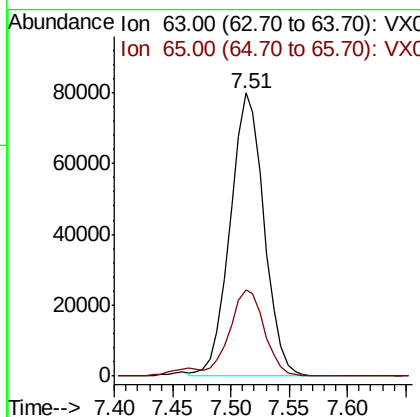
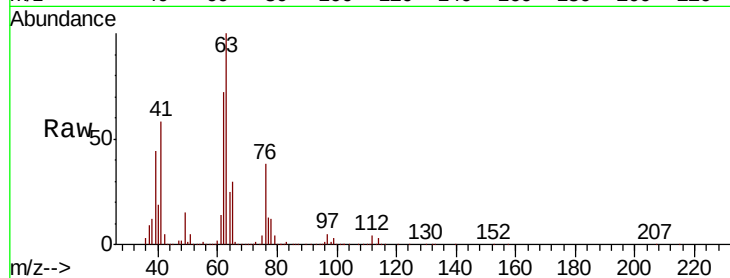
#39
 1,2-Dichloropropane
 Concen: 49.503 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	37.0

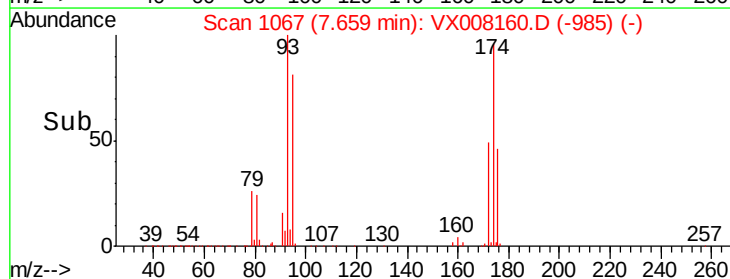
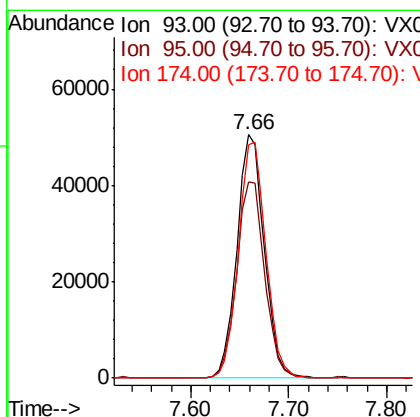
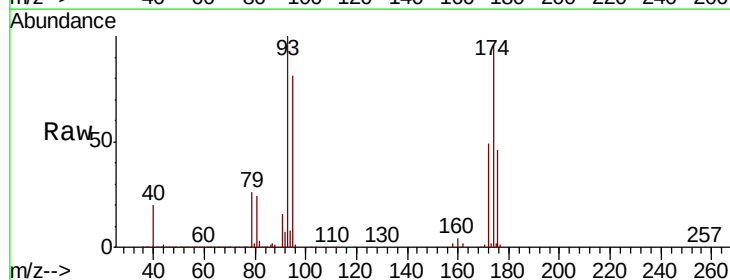
Manual Integrations
 APPROVED

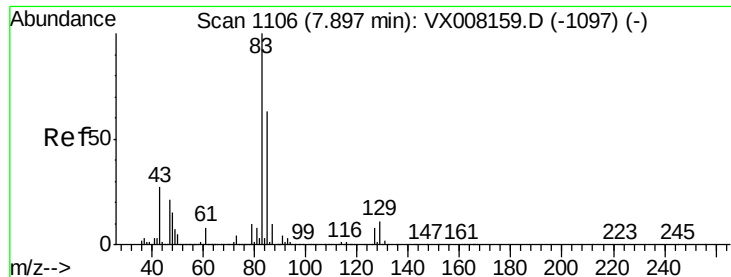
MMDadoda
 3/19/2019 9:36:55 AM



#40
 Dibromomethane
 Concen: 49.032 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	158.8
174	97.3	0.0	224.2





#41

Bromodichloromethane

Concen: 49.860 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

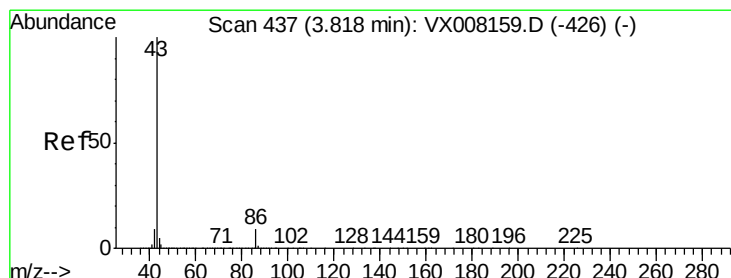
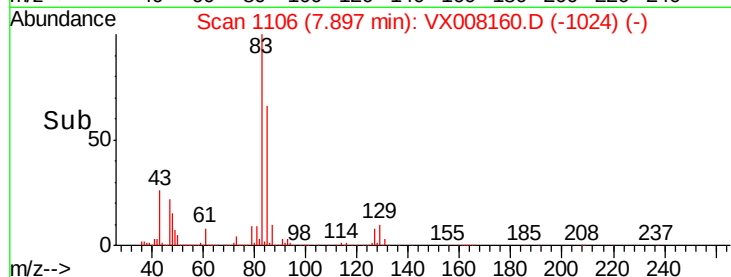
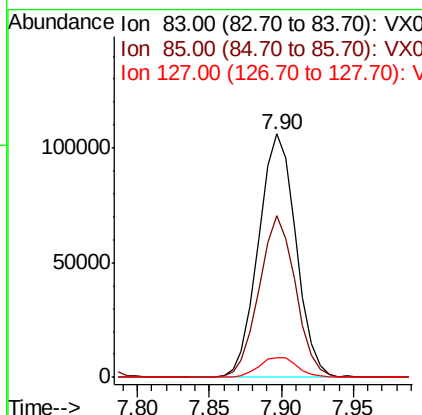
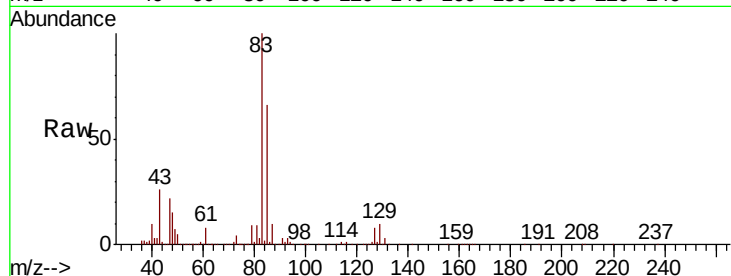
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	190911
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.1	76.7
127	8.3	7.2	10.8

Manual Integrations
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3/19/2019 9:36:55 AM



#42

Vinyl Acetate

Concen: 249.854 ug/l m

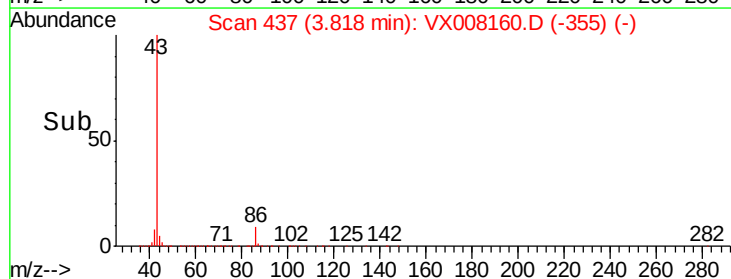
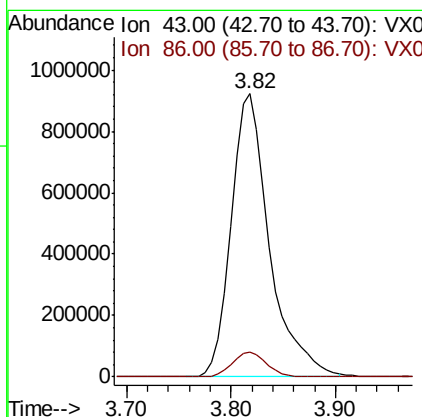
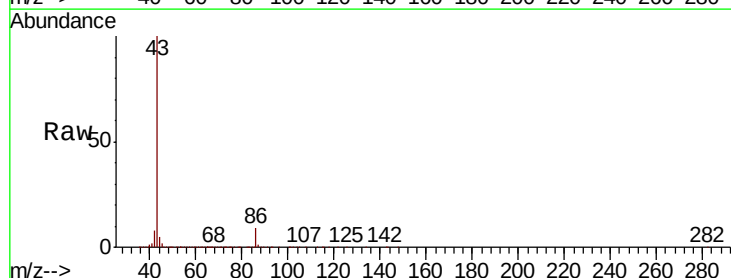
RT: 3.82 min Scan# 437

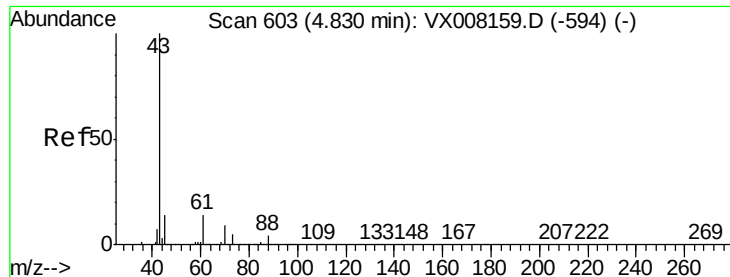
Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	43	Resp:	2338469
Ion Ratio	Lower	Upper	
43	100		
86	0.0	8.2	12.2#





#43

Ethyl Acetate

Concen: 48.208 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 43 Resp: 245696

Ion Ratio Lower Upper

43 100

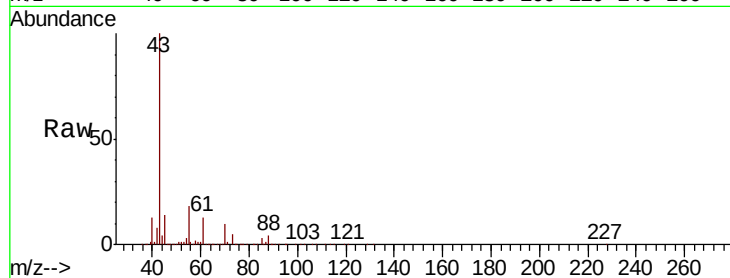
45 14.8 6.9 10.3#

Manual Integrations

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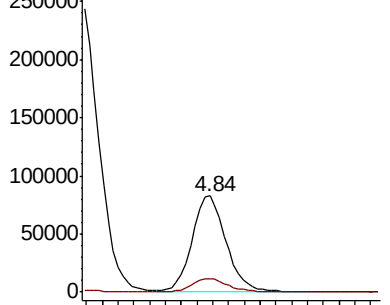
MMDadoda

3/19/2019 9:36:55 AM

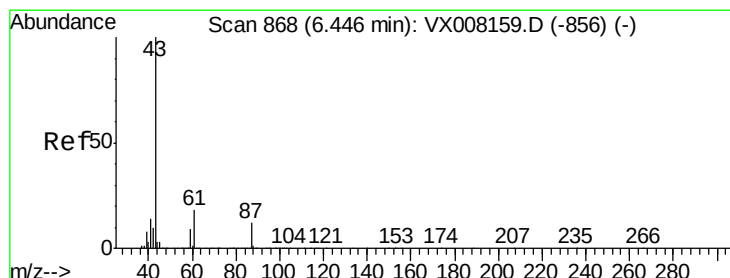
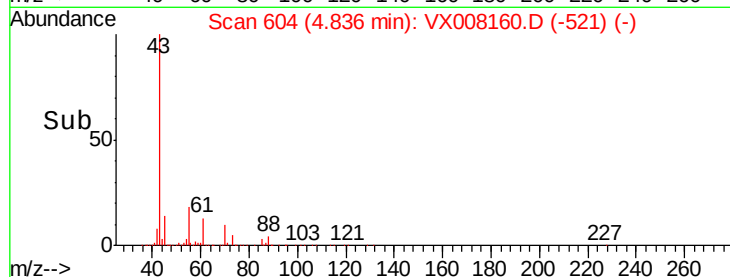


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 50.836 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008160.D

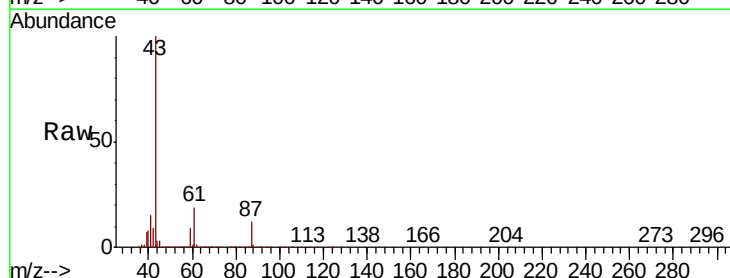
Acq: 18 Mar 2019 11:17

Tgt Ion: 43 Resp: 384930

Ion Ratio Lower Upper

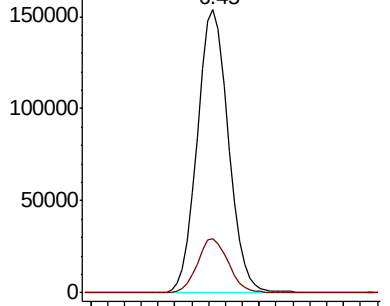
43 100

61 18.9 16.1 24.1

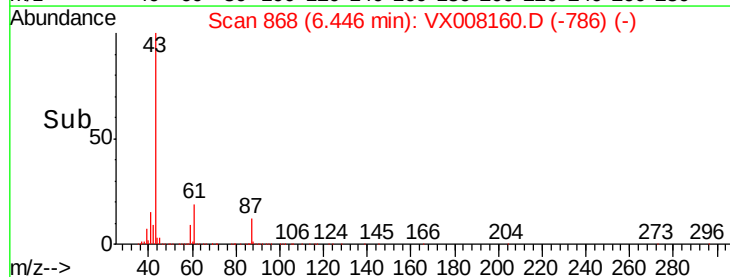


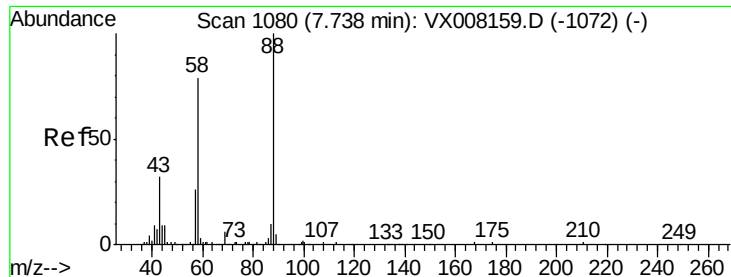
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#45

1,4-Dioxane

Concen: 981.866 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

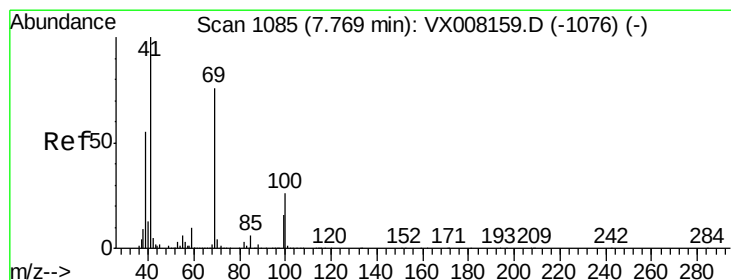
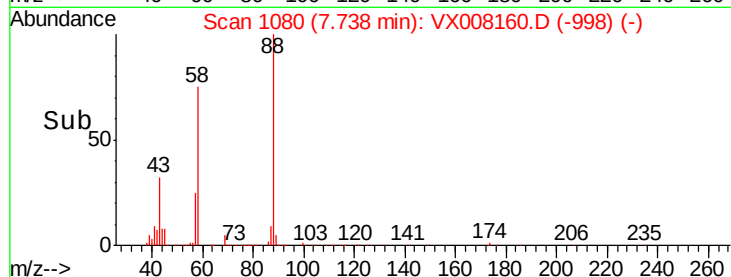
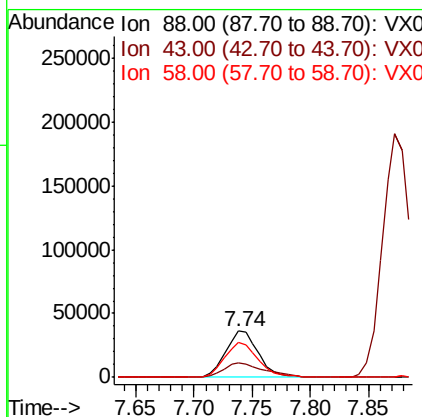
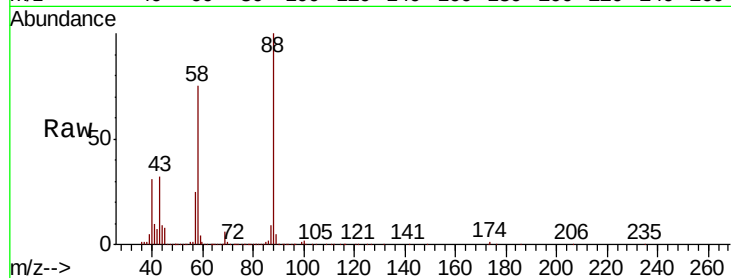
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	70783
Ion	Ratio	Lower	Upper
88	100		
43	36.7	23.6	35.4#
58	76.3	51.6	77.4

Manual Integrations
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MMDadoda
3/19/2019 9:36:55 AM



#46

Methyl methacrylate

Concen: 50.700 ug/l

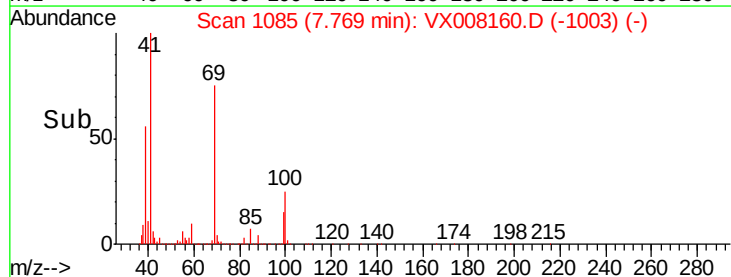
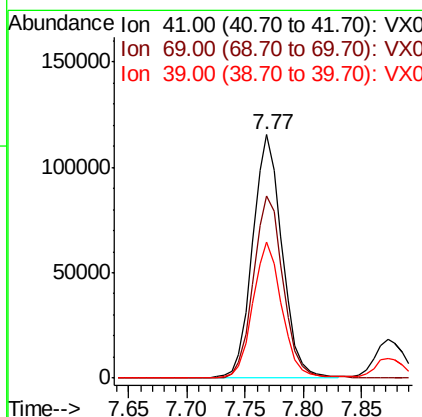
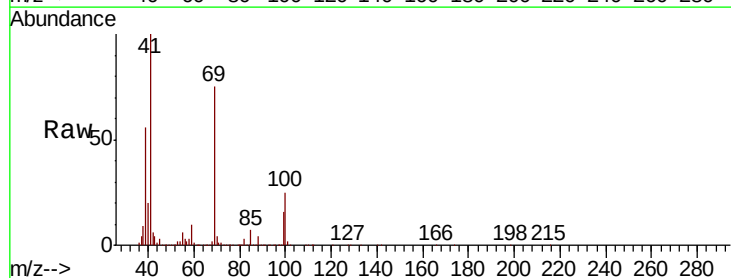
RT: 7.77 min Scan# 1085

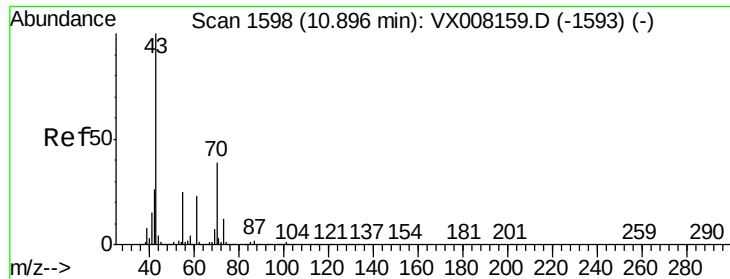
Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	41	Resp:	203800
Ion	Ratio	Lower	Upper
41	100		
69	74.6	44.2	132.6
39	55.7	29.9	89.8





#47

n-amvl Acetate

Concen: 50.845 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 333607

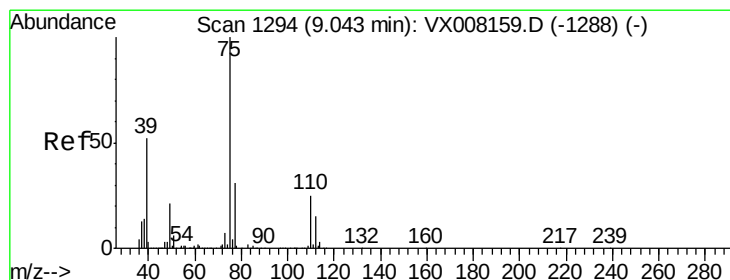
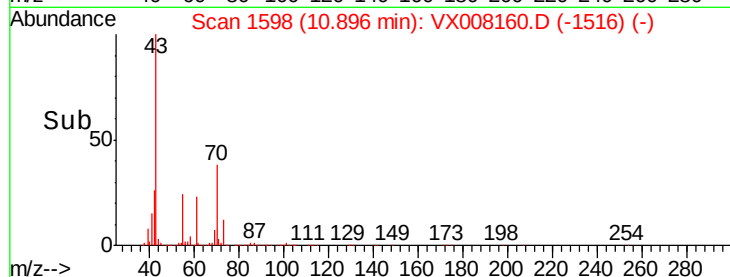
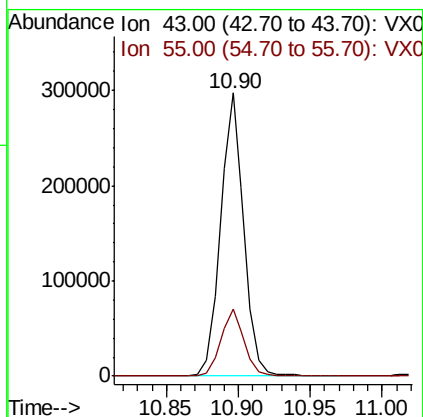
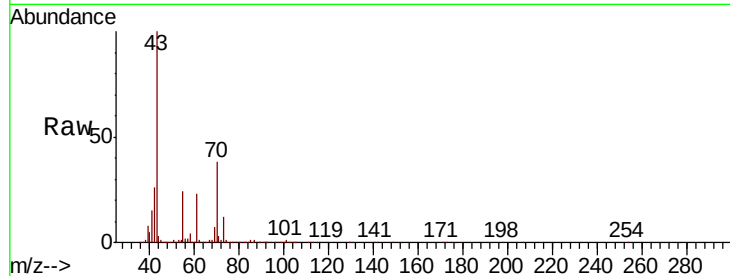
Ion Ratio Lower Upper

43 100

55 23.8 20.8 31.2

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:36:55 AM



#48

t-1,3-Dichloropropene

Concen: 53.632 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008160.D

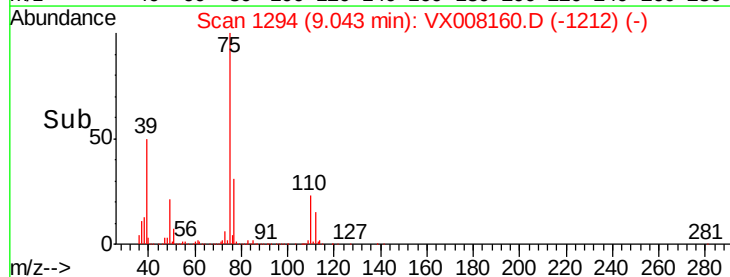
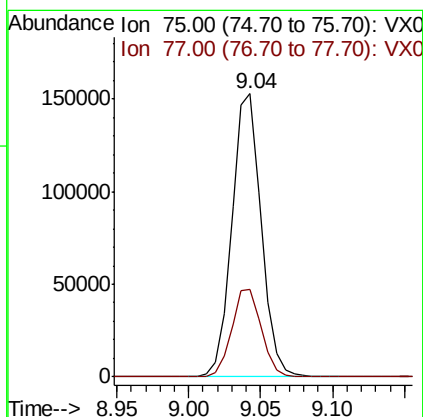
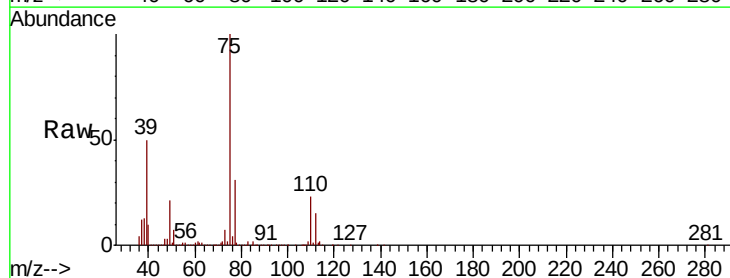
Acq: 18 Mar 2019 11:17

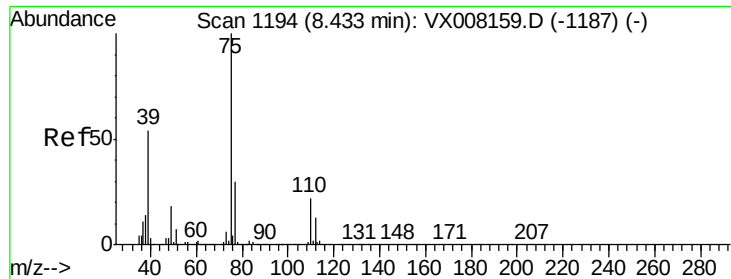
Tgt Ion: 75 Resp: 217966

Ion Ratio Lower Upper

75 100

77 30.7 24.5 36.7





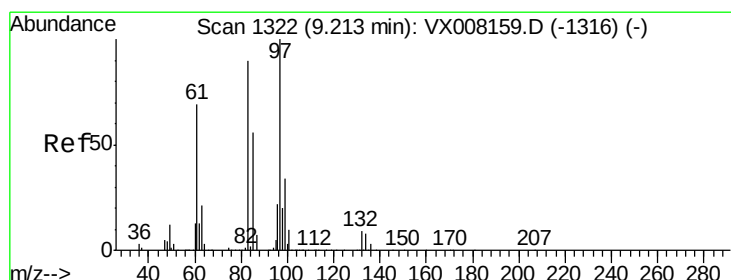
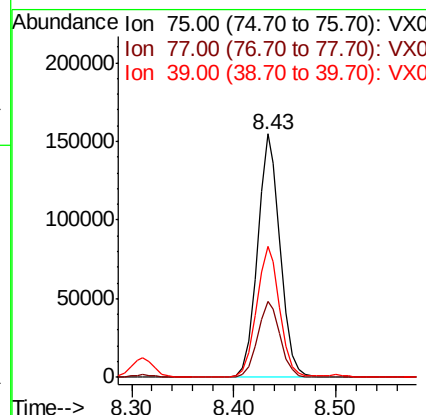
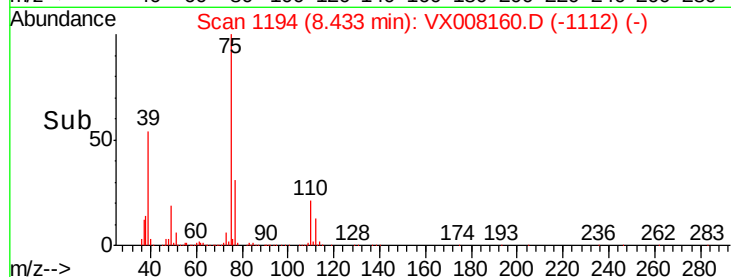
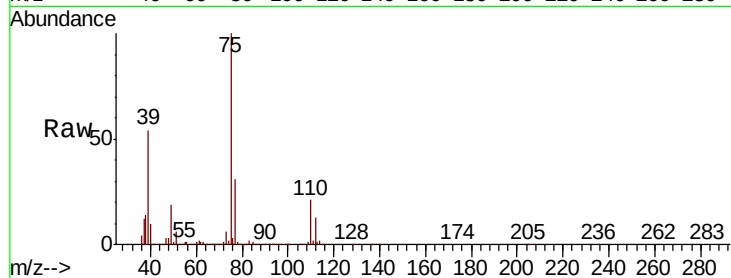
#49
 cis-1,3-Dichloropropene
 Concen: 52.342 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	53.7	38.5	57.7

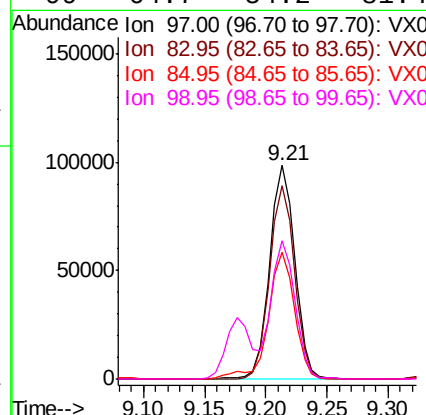
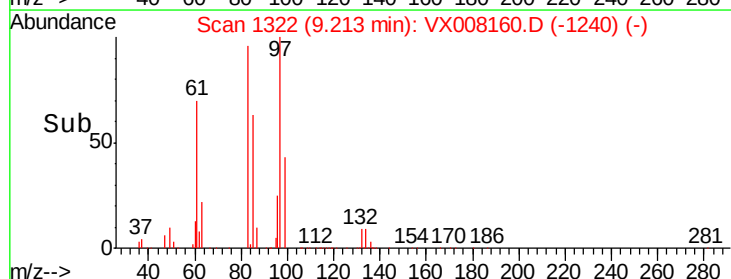
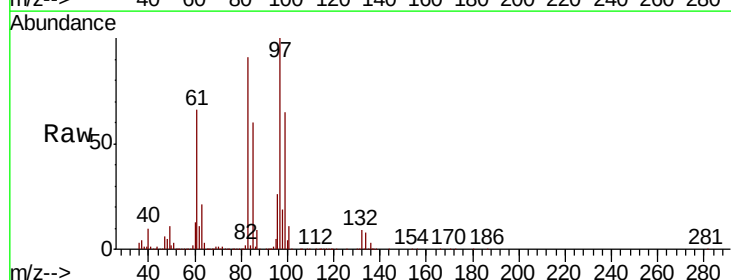
Manual Integrations
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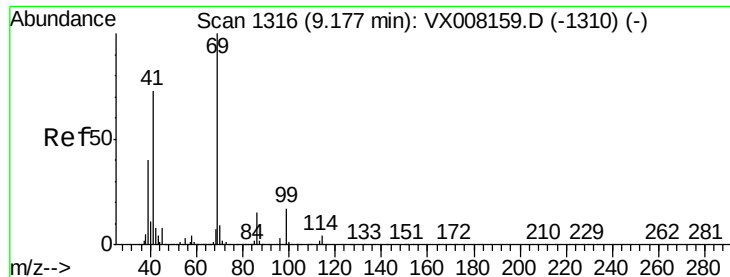
MMDadoda
 3/19/2019 9:36:55 AM



#50
 1,1,2-Trichloroethane
 Concen: 49.634 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.6	72.0	108.0
85	59.6	45.0	67.6
99	64.7	54.2	81.4





#51

Ethyl methacrylate

Concen: 51.366 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

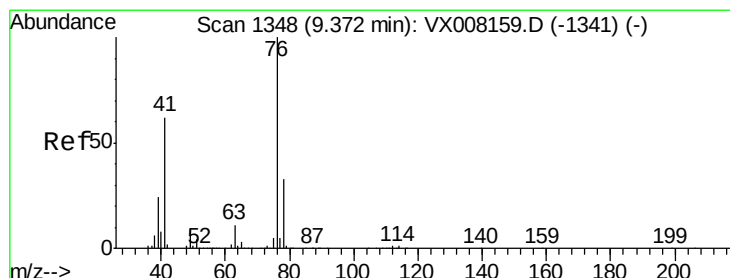
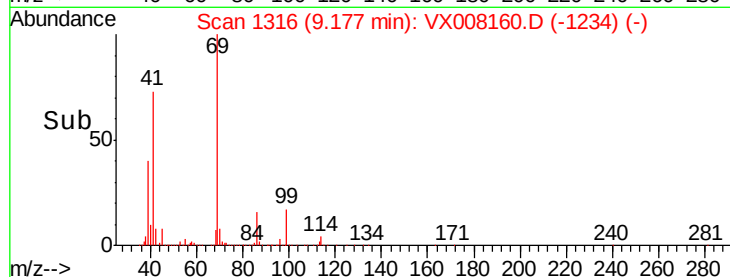
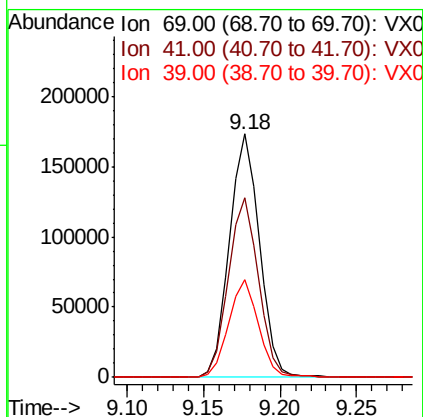
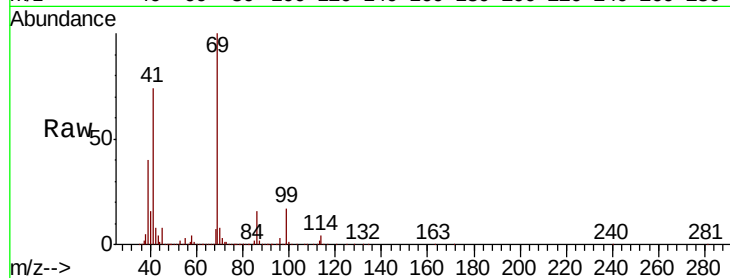
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	235262
Ion Ratio	Lower	Upper	
69	100		
41	73.8	32.1	96.5
39	40.1	18.8	56.3

Manual Integrations
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MMDadoda
3/19/2019 9:36:55 AM



#52

1,3-Dichloropropane

Concen: 48.524 ug/l

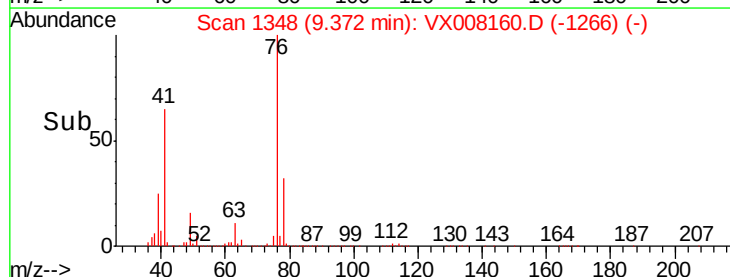
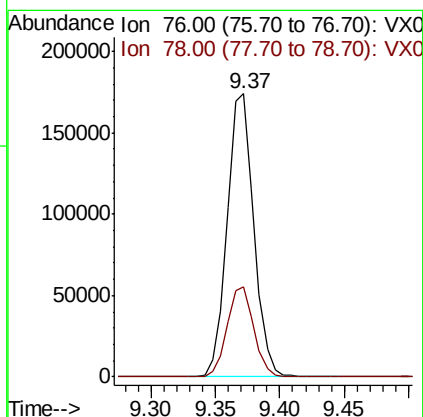
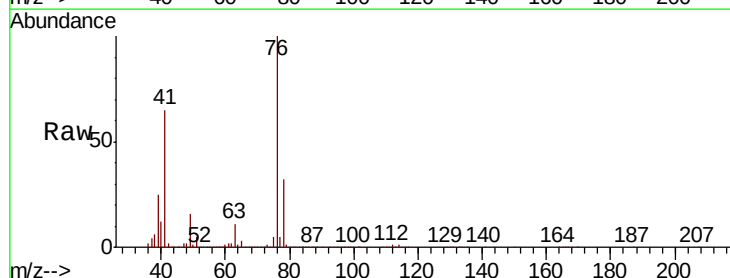
RT: 9.37 min Scan# 1348

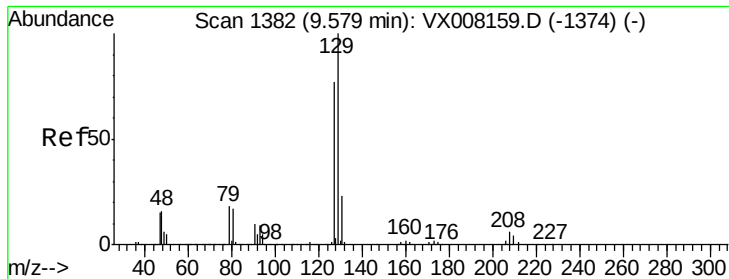
Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	76	Resp:	253176
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	65.2





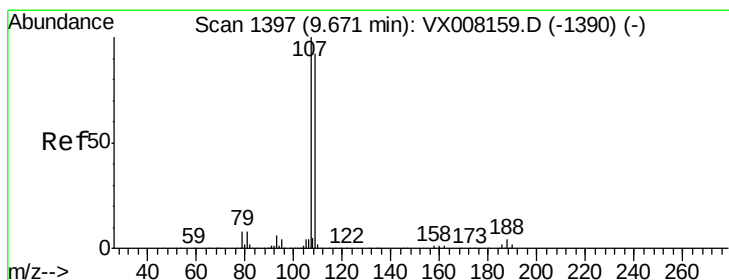
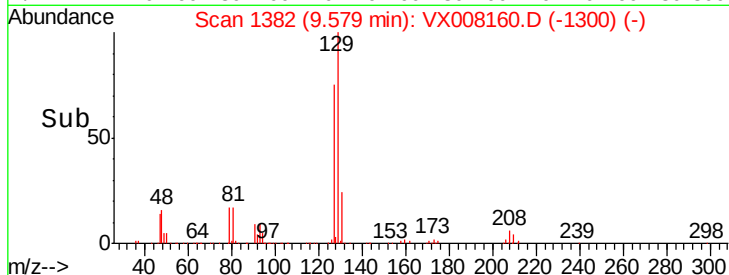
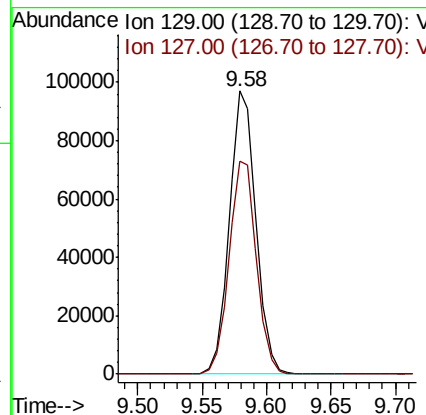
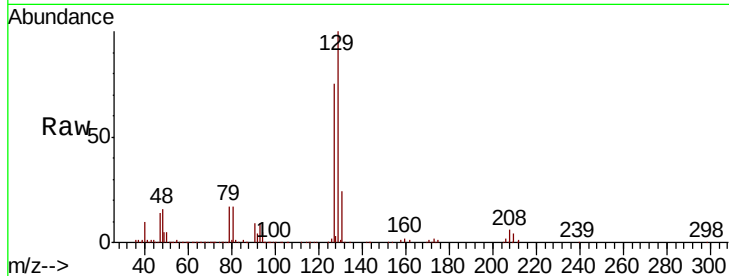
#53
Dibromochloromethane
Concen: 51.214 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.4	115.2

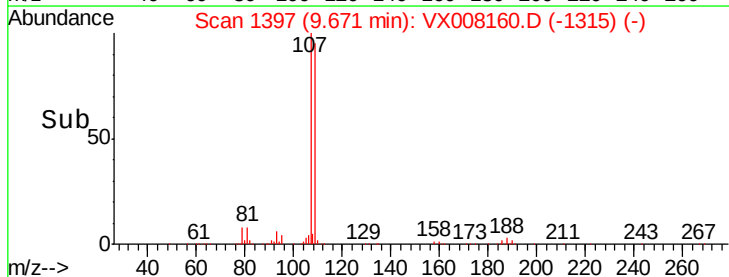
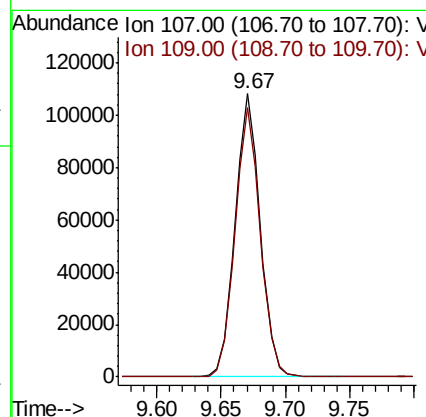
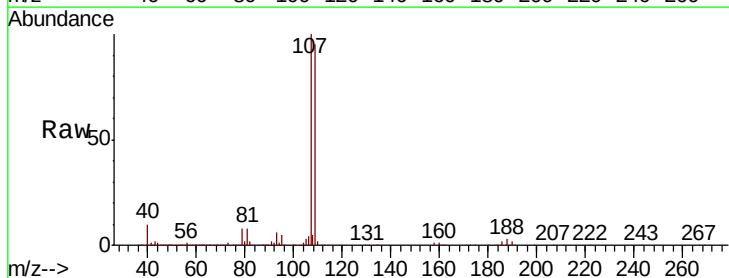
Manual Integrations
APPROVED

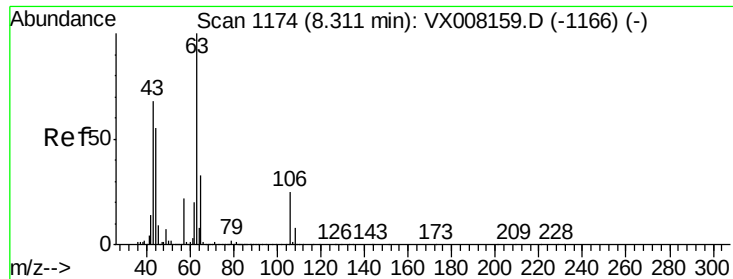
MMDadoda
3/19/2019 9:36:55 AM



#54
1,2-Dibromoethane
Concen: 48.086 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.6	115.0





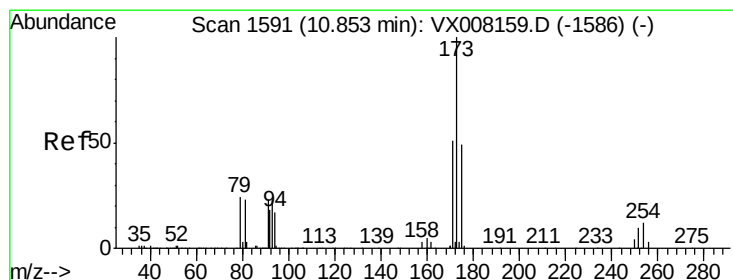
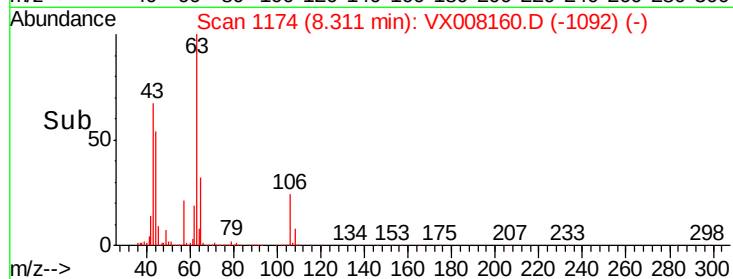
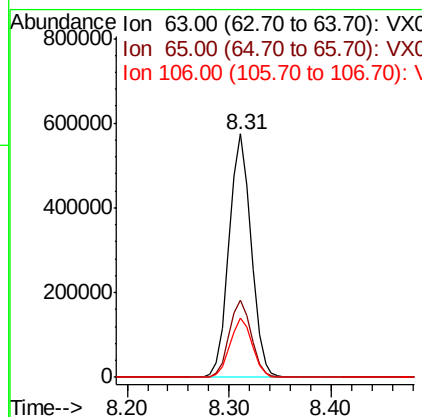
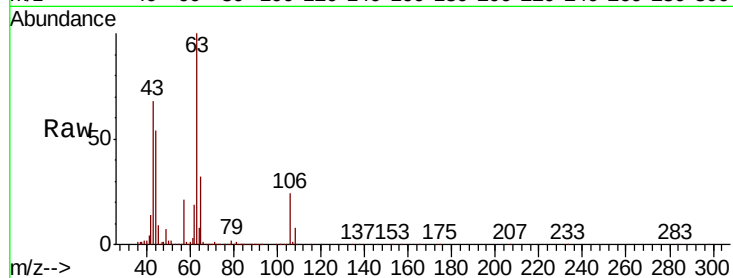
#55
2-Chloroethyl vinyl ether
Concen: 250.977 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.7	38.5
106	24.2	23.7	35.5

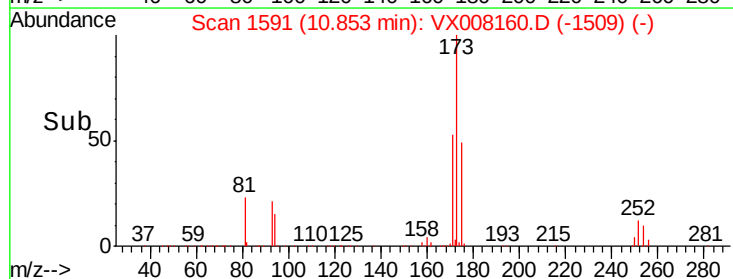
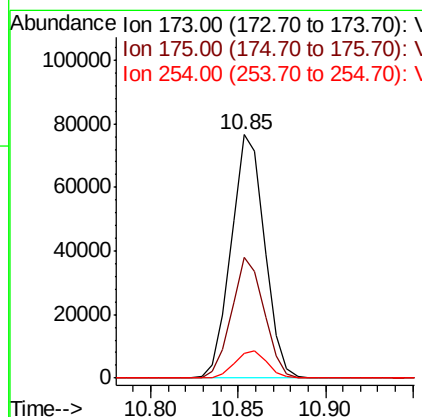
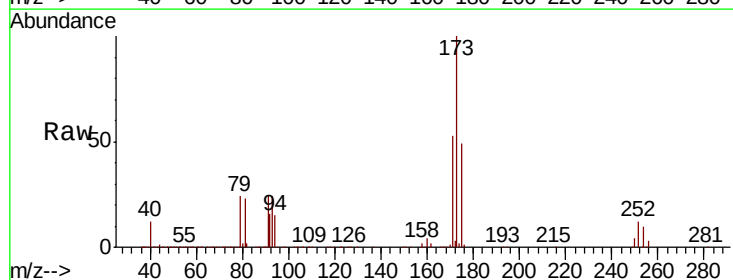
Manual Integrations
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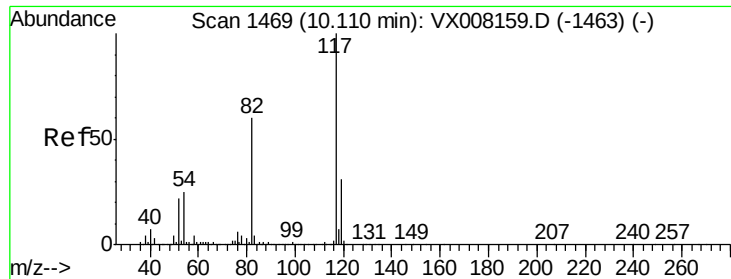
MMDadoda
3/19/2019 9:36:55 AM



#56
Bromoform
Concen: 52.599 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.5	57.7
254	11.2	7.4	11.2#





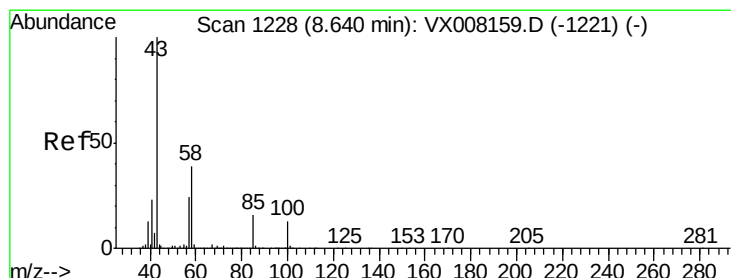
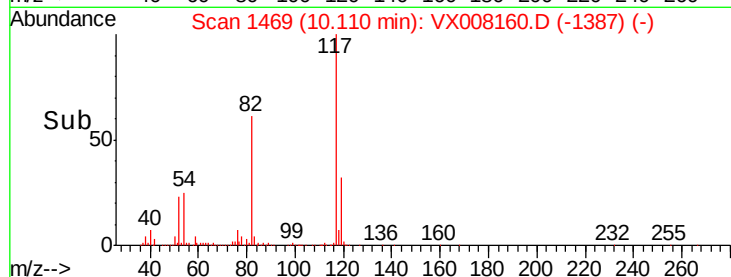
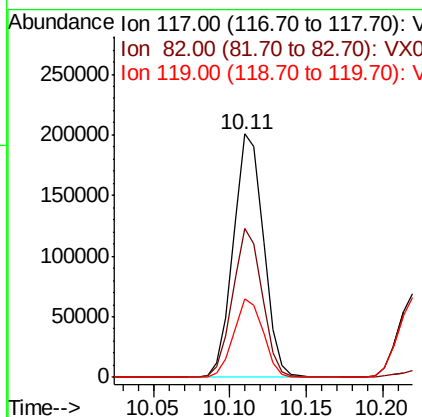
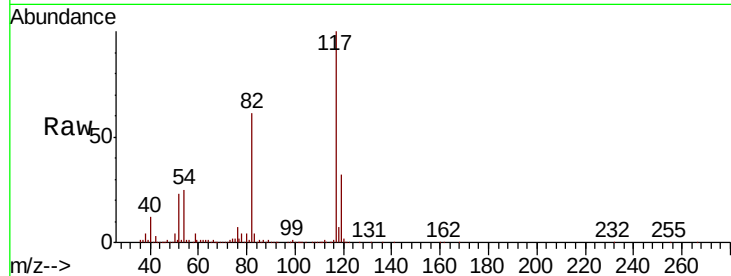
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	40.4	60.6
119	31.7	25.8	38.6

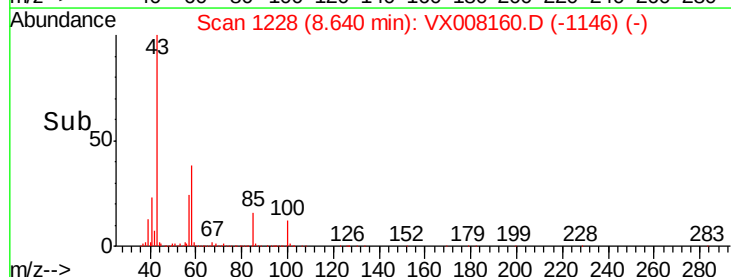
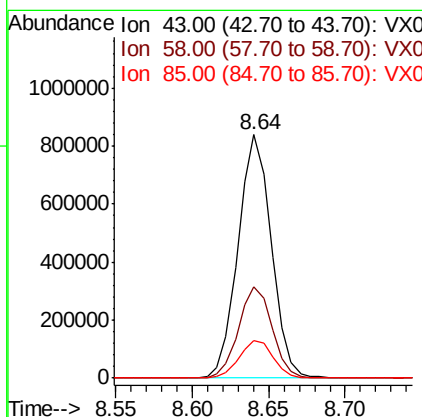
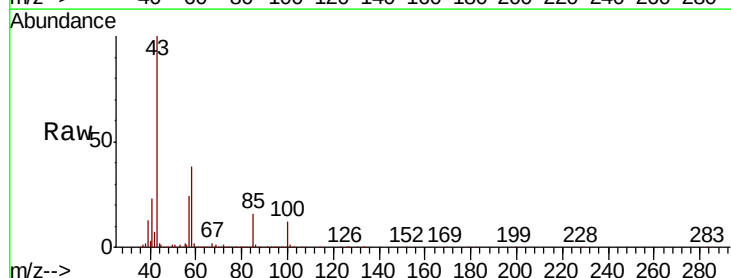
Manual Integrations
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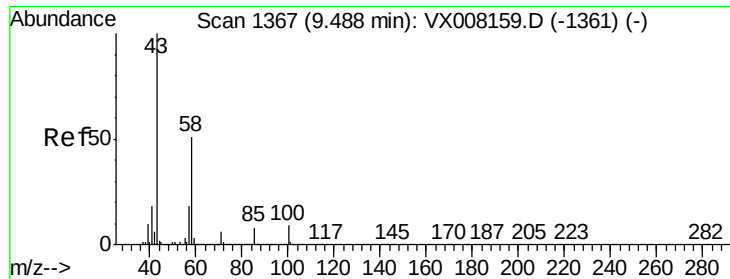
MMDadoda
3/19/2019 9:36:55 AM



#58
4-Methyl-2-Pentanone
Concen: 242.784 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	31.4	47.0
85	15.7	15.0	22.6





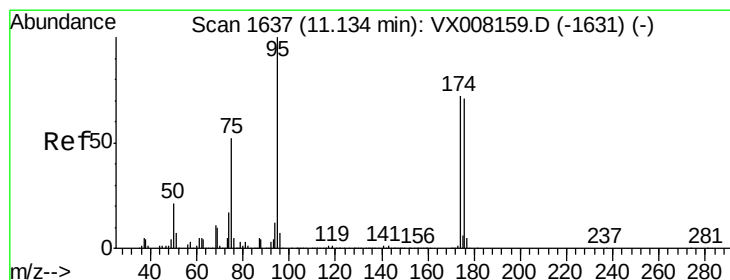
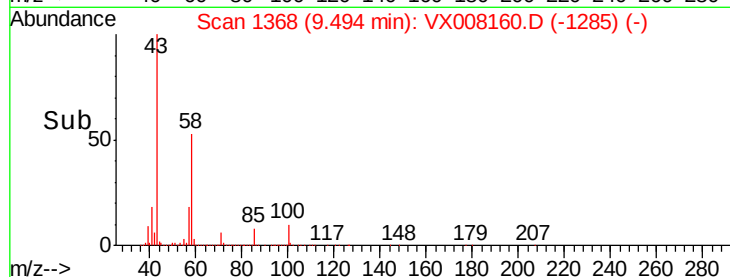
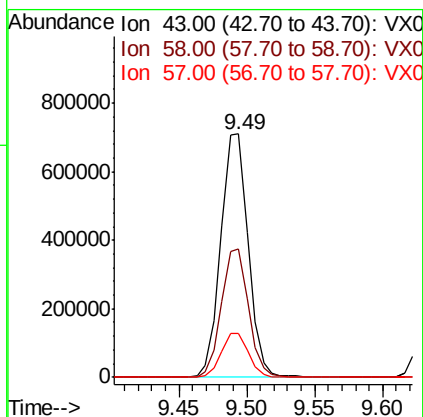
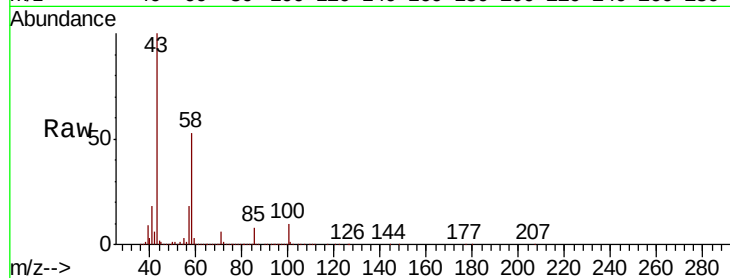
#59
2-Hexanone
Concen: 234.182 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	43.9	65.9
57	17.9	14.9	22.3

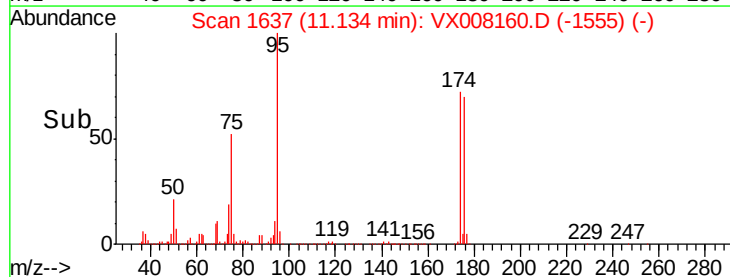
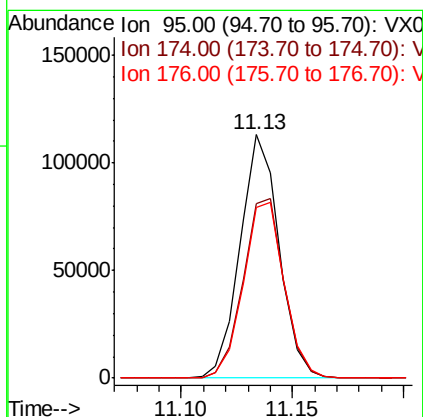
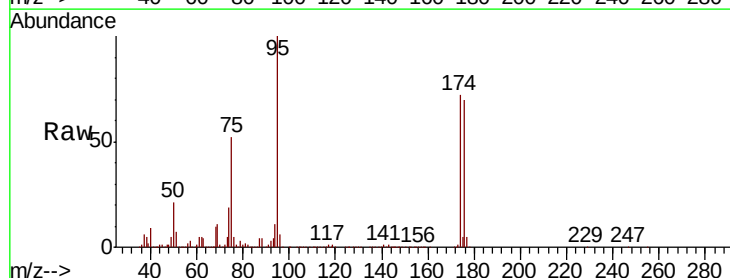
Manual Integrations
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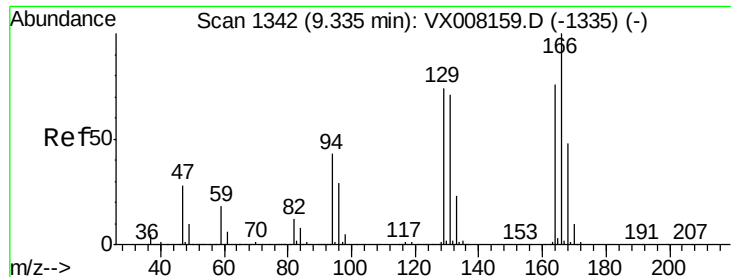
MMDadoda
3/19/2019 9:36:55 AM



#60
4-Bromofluorobenzene
Concen: 29.787 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.1	74.9	112.3
176	76.3	70.7	106.1





#61

Tetrachloroethene

Concen: 48.024 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 129802

Ion Ratio Lower Upper

164 100

166 130.7 103.9 155.9

129 99.4 74.7 112.1

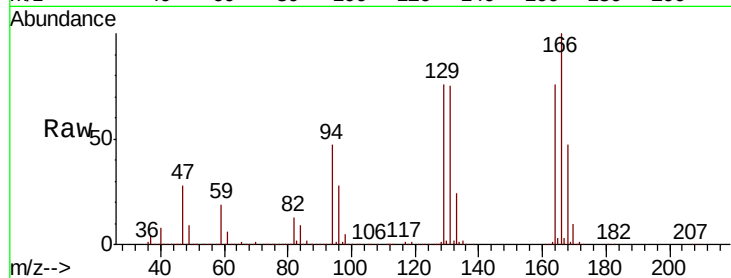
131 98.3 71.7 107.5

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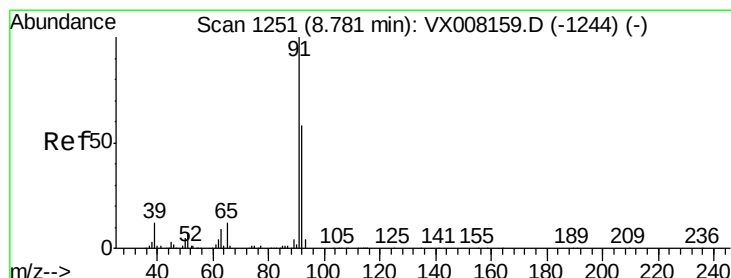
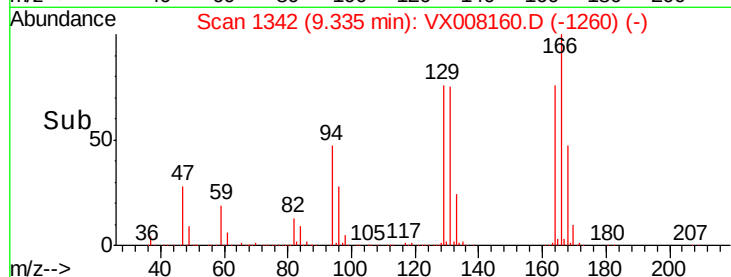
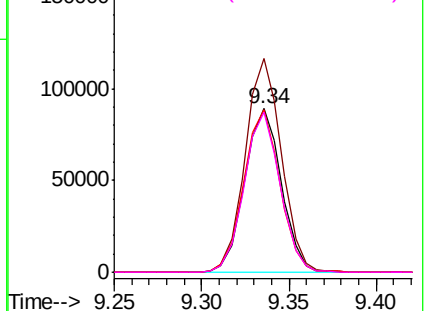


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 49.085 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008160.D

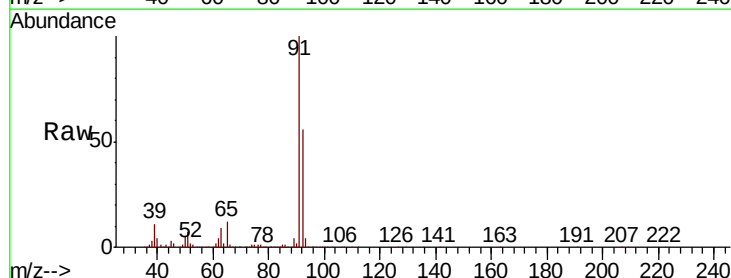
Acq: 18 Mar 2019 11:17

Tgt Ion: 91 Resp: 618791

Ion Ratio Lower Upper

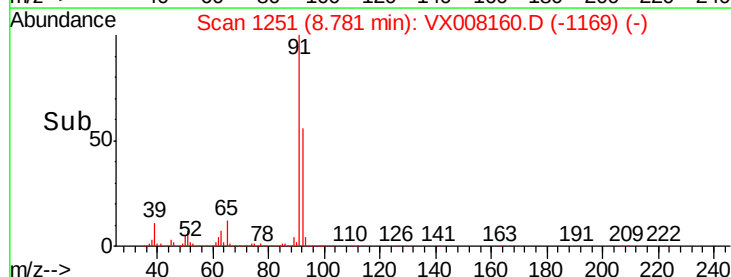
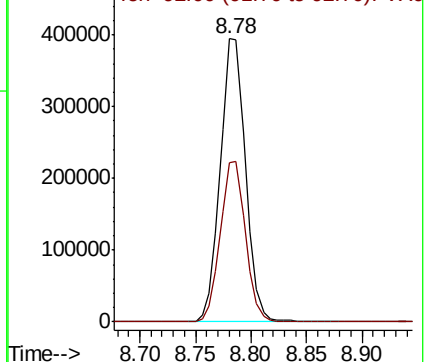
91 100

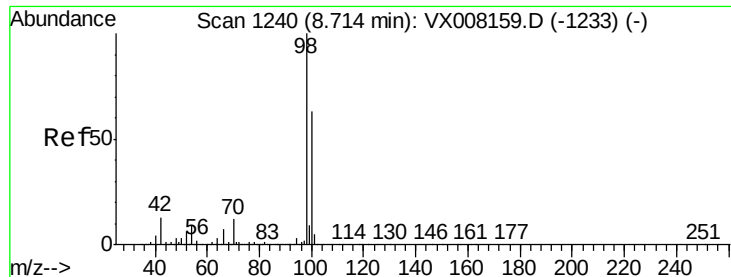
92 56.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.724 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 98 Resp: 400198

Ion Ratio Lower Upper

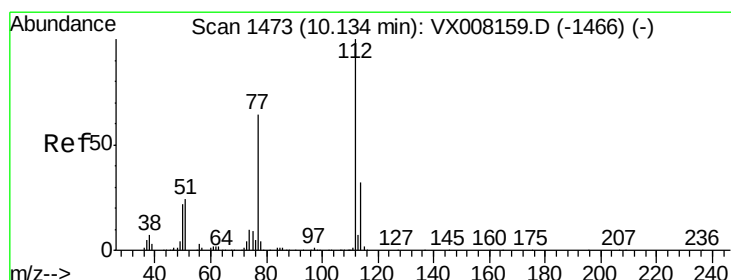
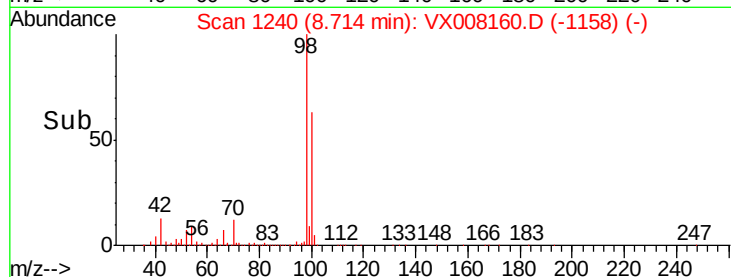
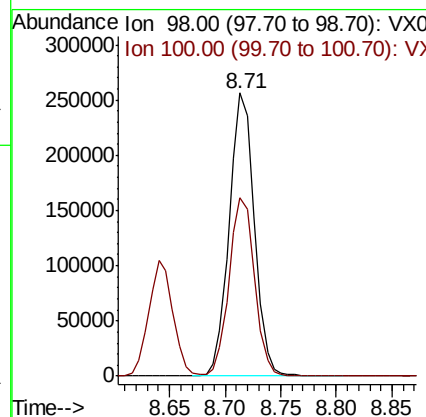
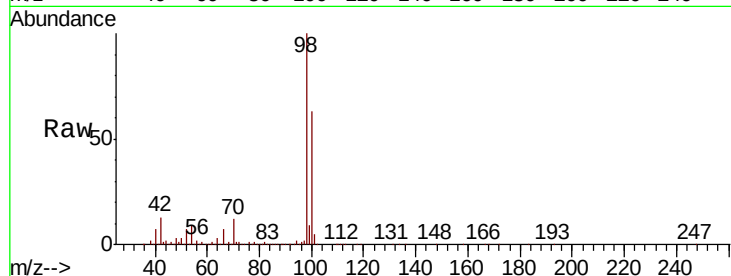
98 100

100 63.6 50.9 76.3

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#64

Chlorobenzene

Concen: 48.843 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008160.D

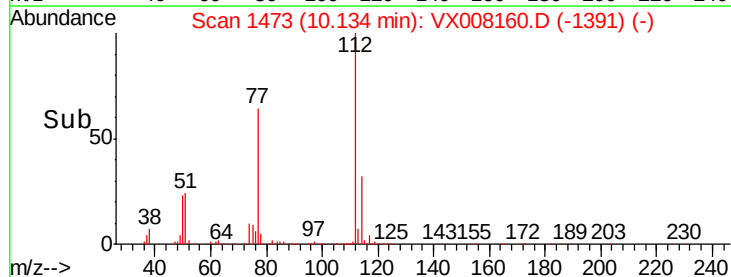
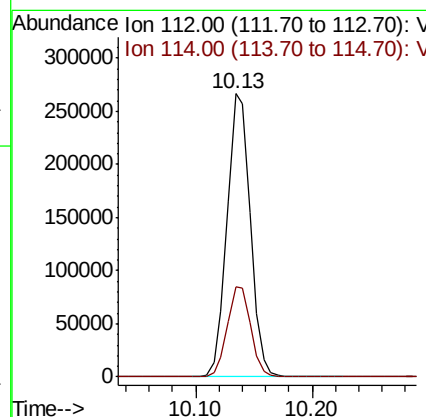
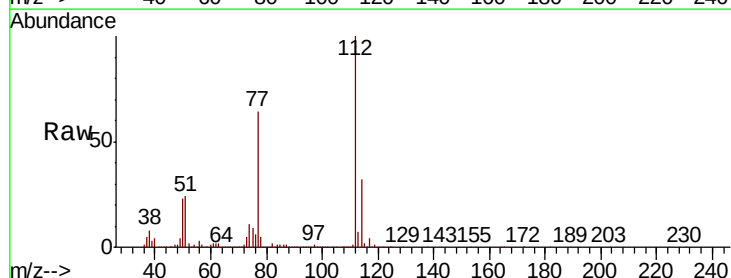
Acq: 18 Mar 2019 11:17

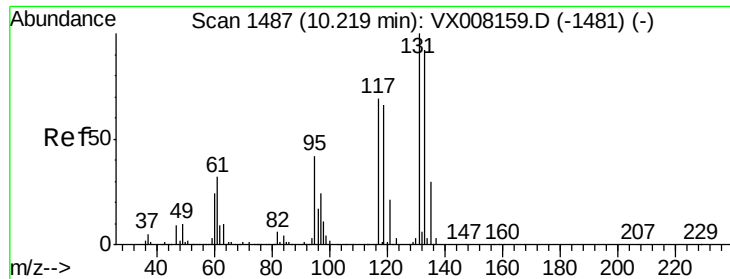
Tgt Ion: 112 Resp: 368372

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 50.674 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

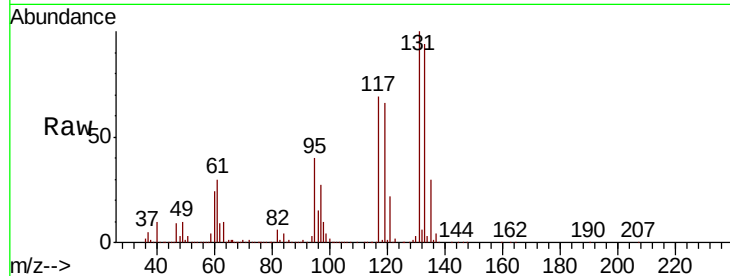
ClientSampleId :

VSTDIC050

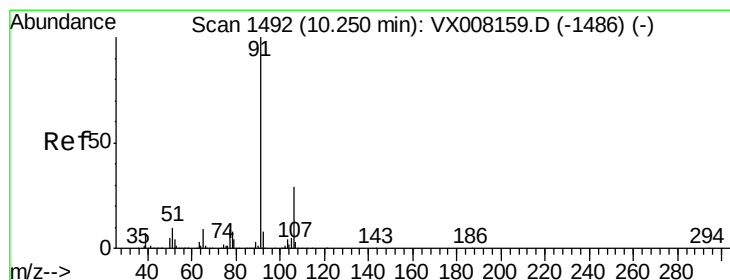
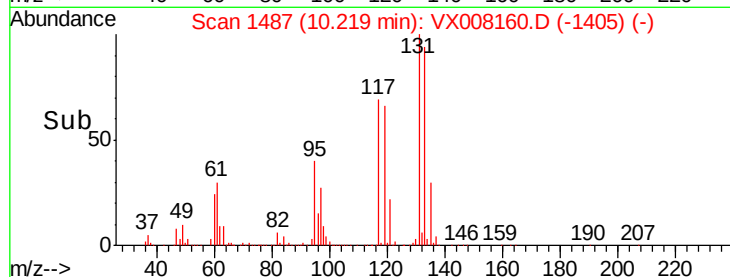
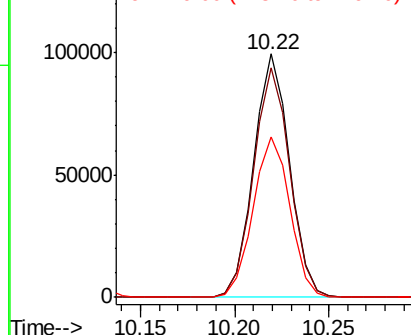
Tot Ion:	131	Resp:	131238
Ion Ratio	Lower	Upper	
131	100		
133	95.3	0.0	191.6
119	67.7	0.0	127.4

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 50.132 ug/l

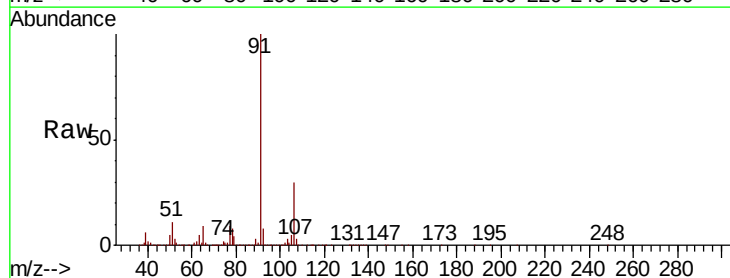
RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

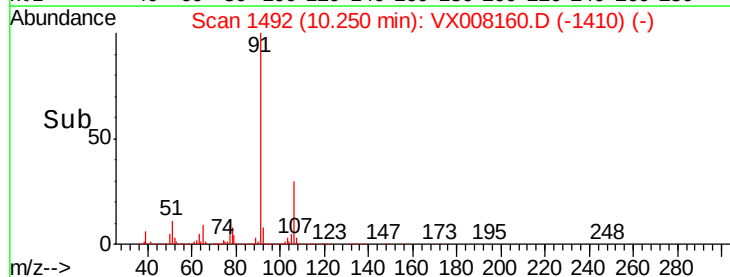
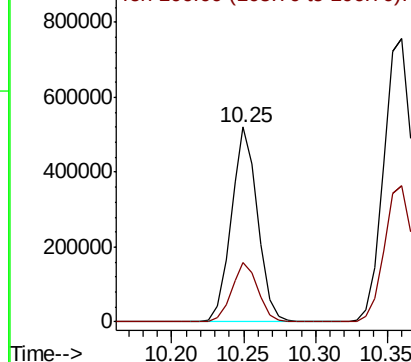
Lab File: VX008160.D

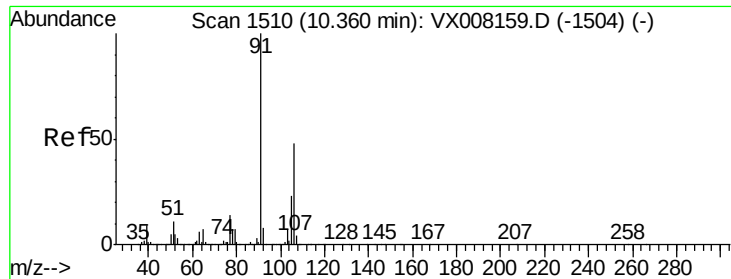
Acq: 18 Mar 2019 11:17

Tgt Ion:	91	Resp:	665076
Ion Ratio	Lower	Upper	
91	100		
106	30.2	26.0	39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





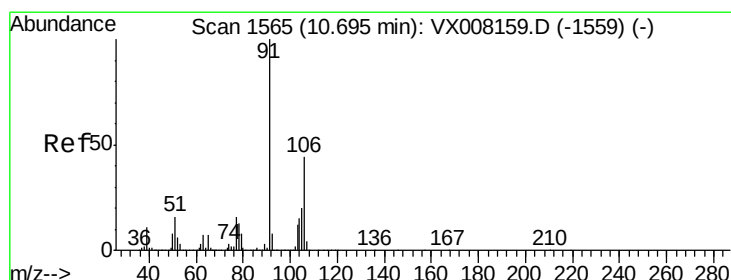
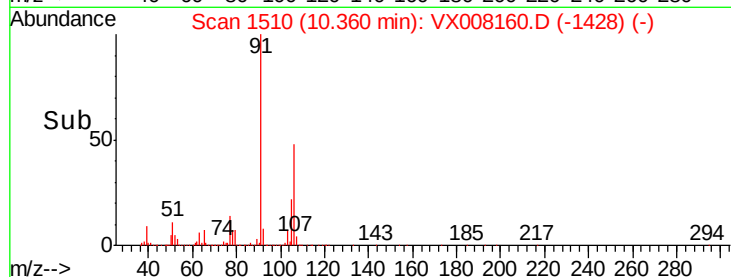
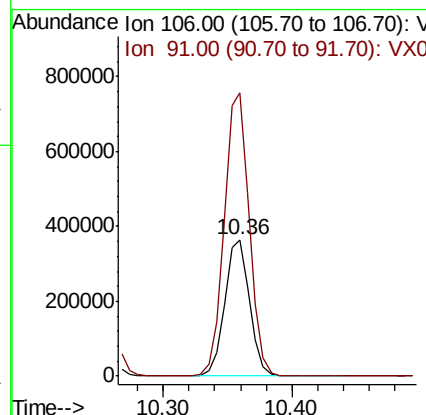
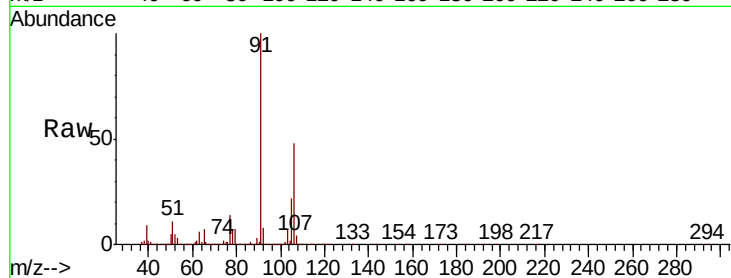
#67
m/p-Xylenes
Concen: 100.412 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	157.0	235.4

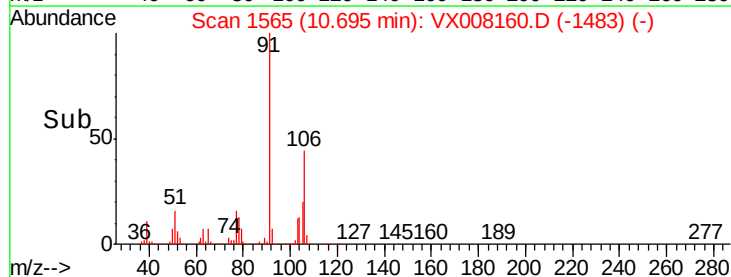
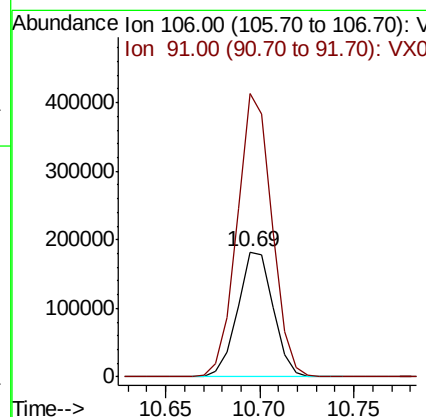
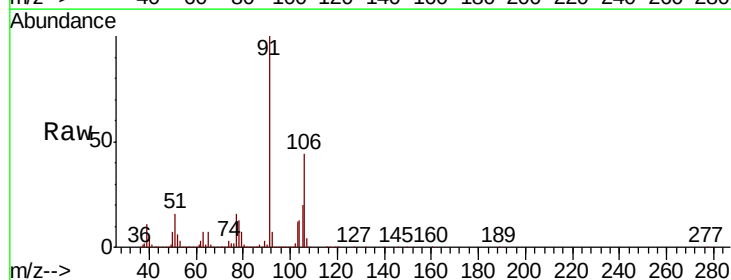
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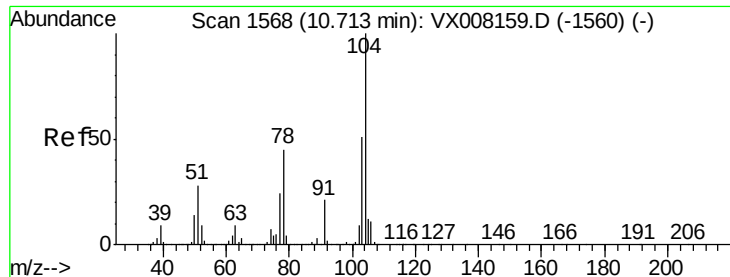
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#68
o-Xylene
Concen: 50.173 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	222.4	104.4	313.2





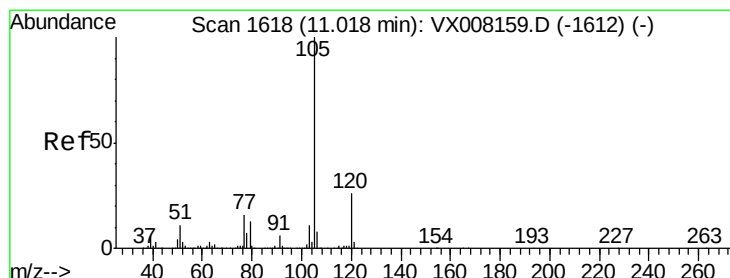
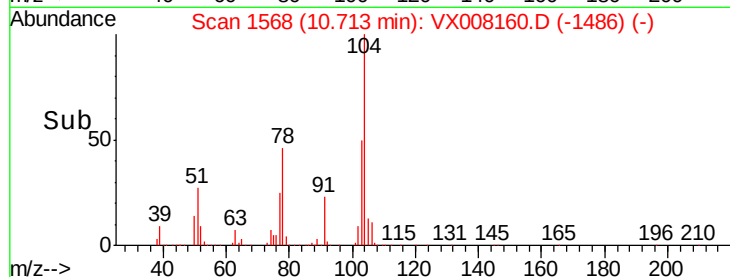
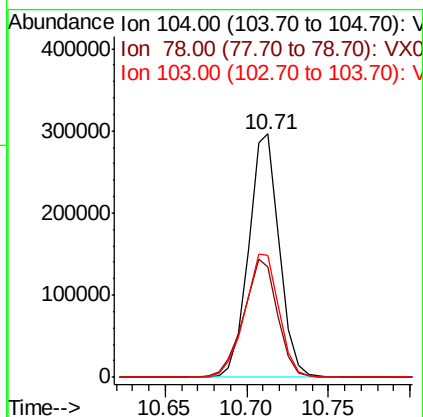
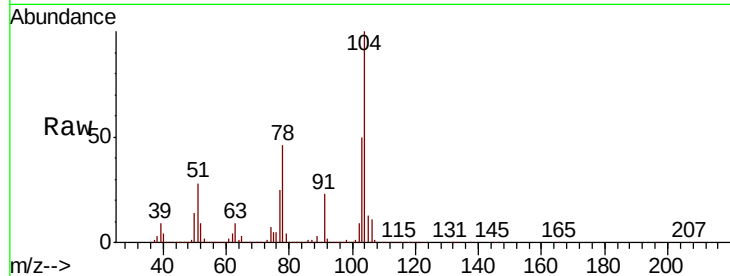
#69
Stvrene
Concen: 50.451 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.5	38.2	57.2
103	56.6	45.0	67.4

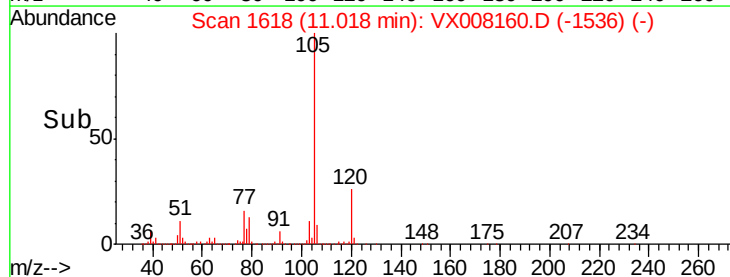
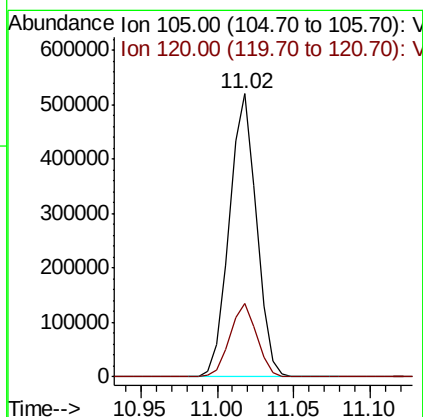
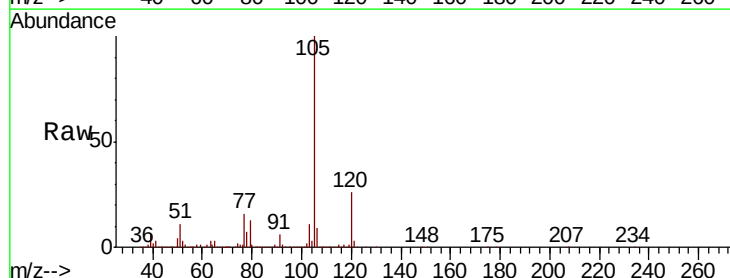
Manual Integrations
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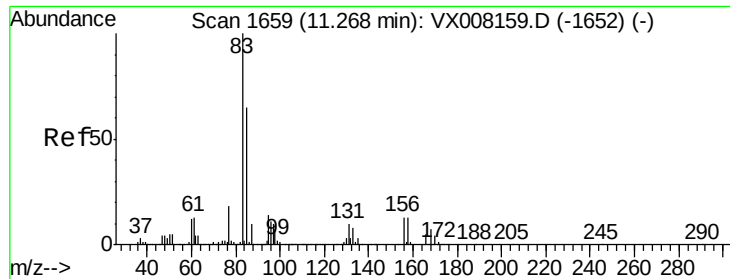
MMDadoda
3/19/2019 9:36:55 AM



#70
Isopropylbenzene
Concen: 50.076 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 47.771 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

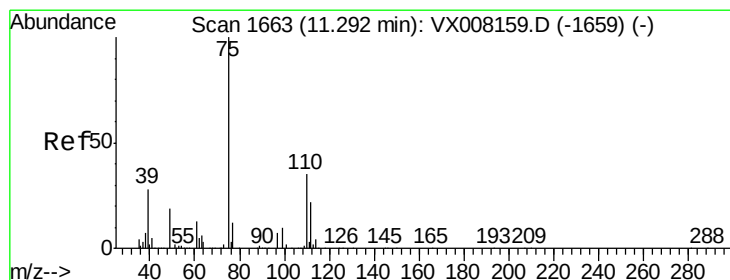
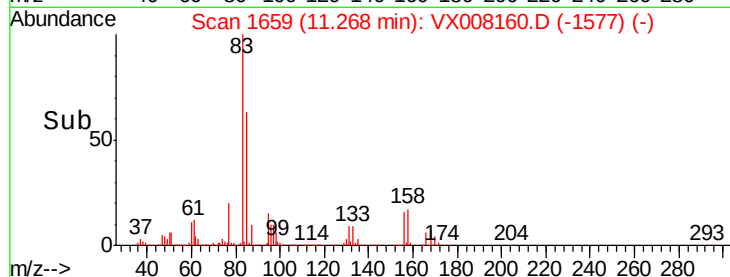
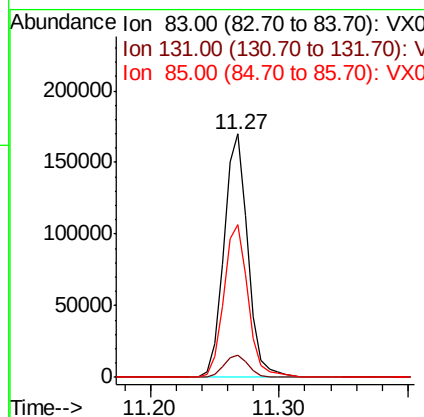
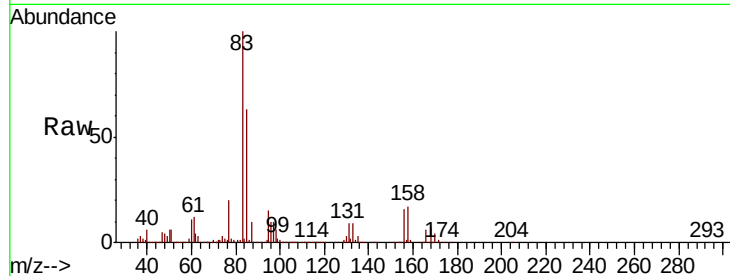
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	222420
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.4	16.2
85	63.9	32.8	98.4

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#72

1,2,3-Trichloropropane

Concen: 48.116 ug/l m

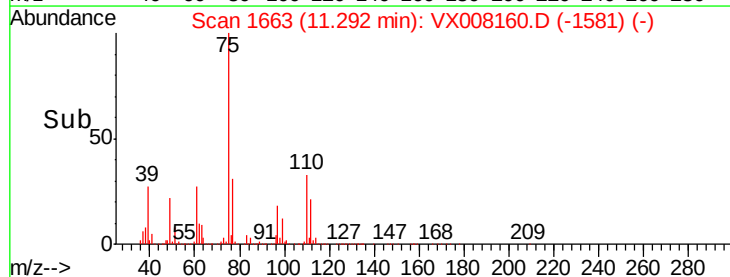
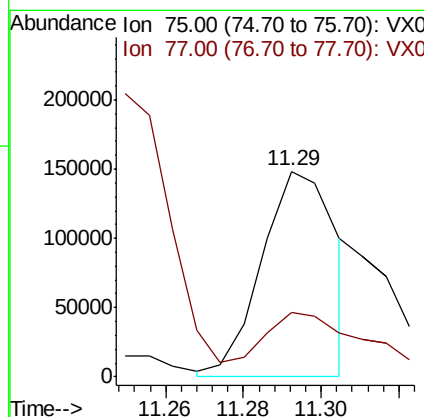
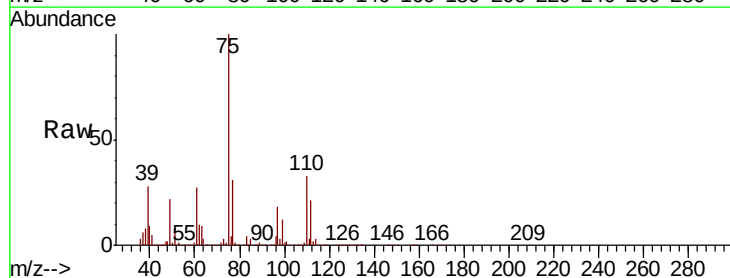
RT: 11.29 min Scan# 1663

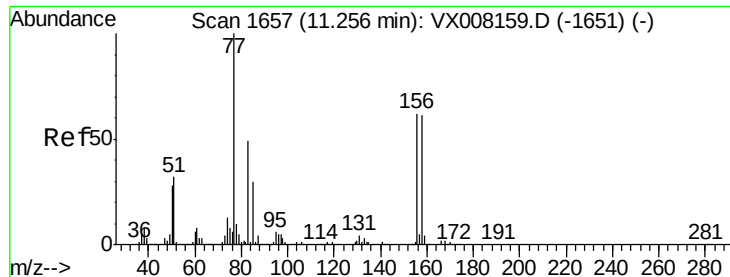
Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	75	Resp:	196126
Ion Ratio	Lower	Upper	
75	100		
77	43.9	0.0	76.4





#73

Bromobenzene

Concen: 49.444 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:156 Resp: 148948

Ion Ratio Lower Upper

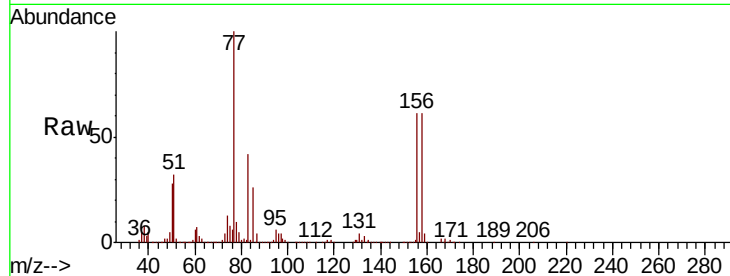
156 100

77 176.8 0.0 271.4

158 98.3 0.0 194.0

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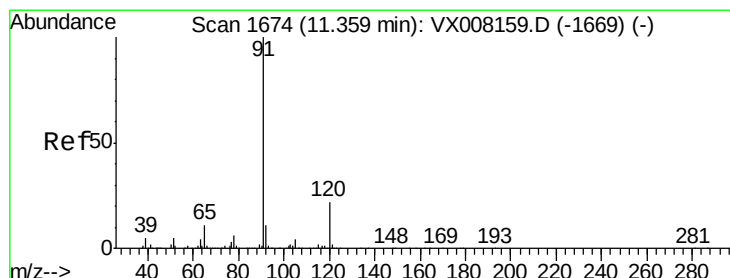
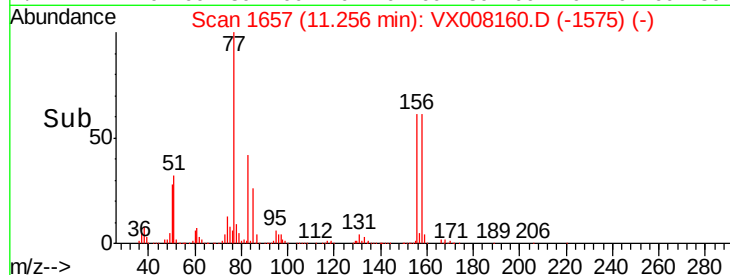
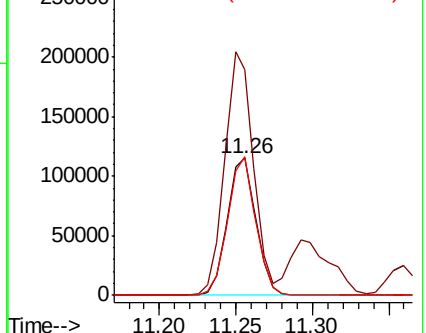
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 50.885 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008160.D

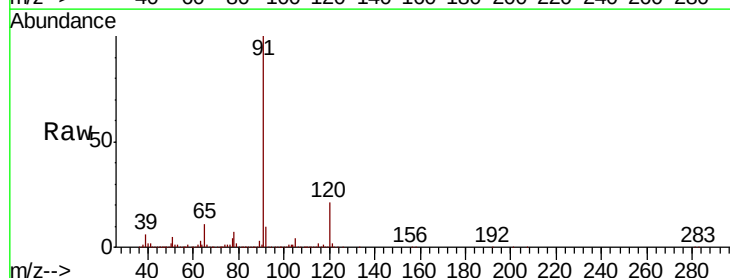
Acq: 18 Mar 2019 11:17

Tgt Ion: 91 Resp: 757649

Ion Ratio Lower Upper

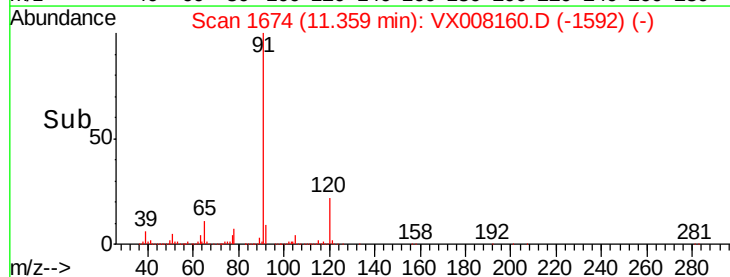
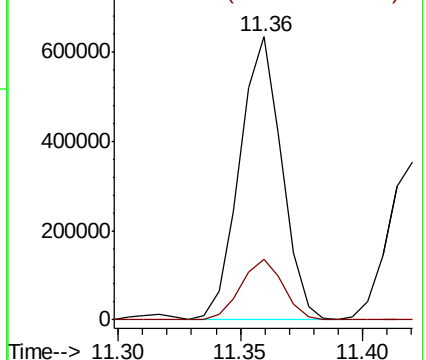
91 100

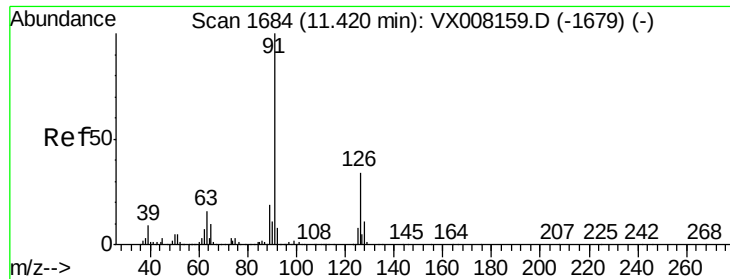
120 21.5 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





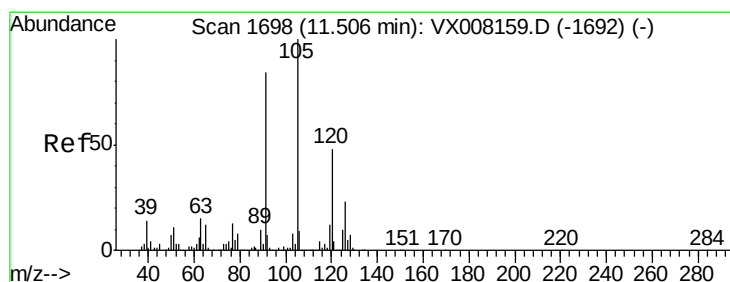
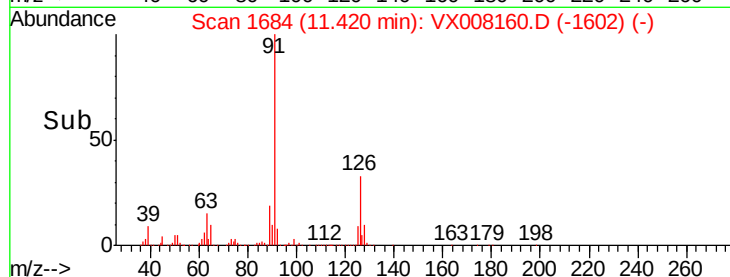
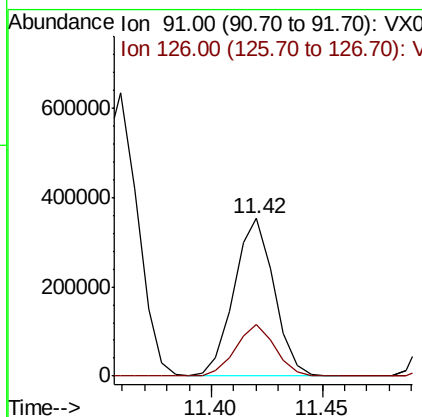
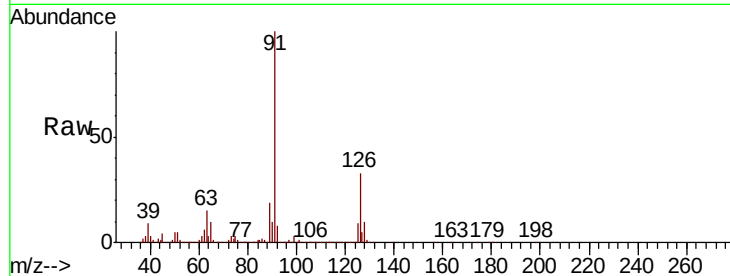
#75
 2-Chlorotoluene
 Concen: 49.364 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	75.2

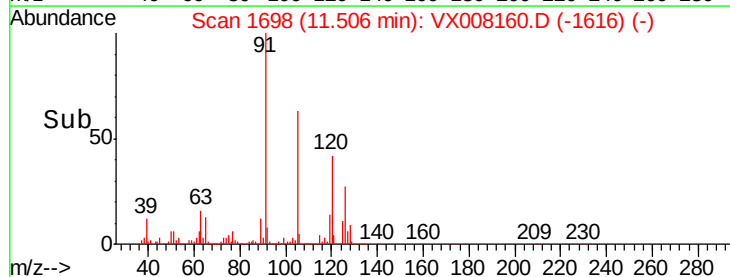
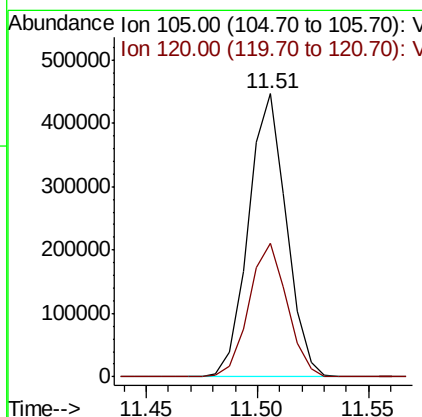
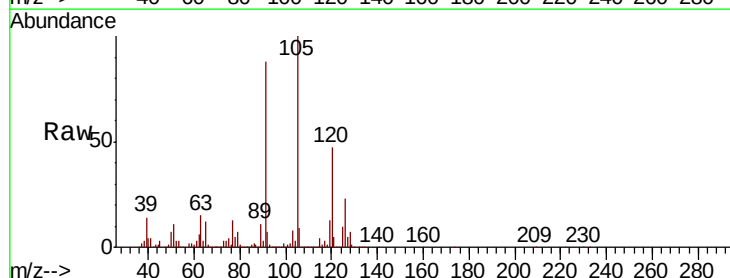
Manual Integrations
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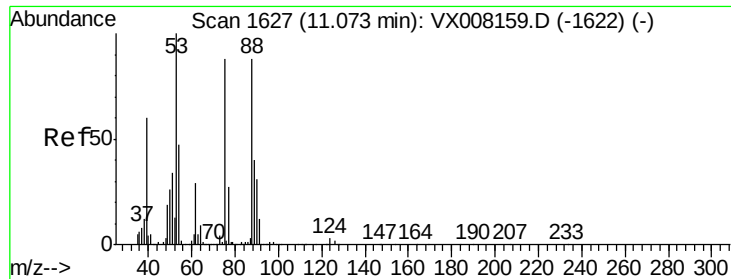
MMDadoda
 3/19/2019 9:36:55 AM



#76
 1,3,5-Trimethylbenzene
 Concen: 50.214 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	0.0	101.0





#77

t-1,4-Dichloro-2-butene

Concen: 53.824 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

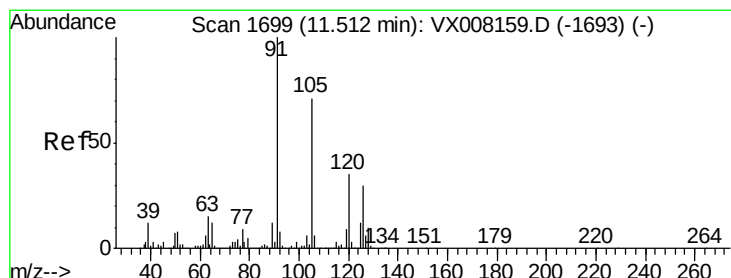
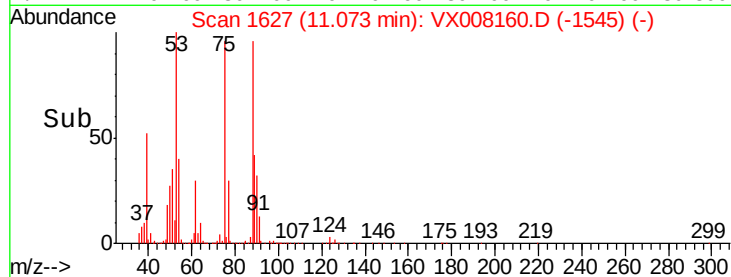
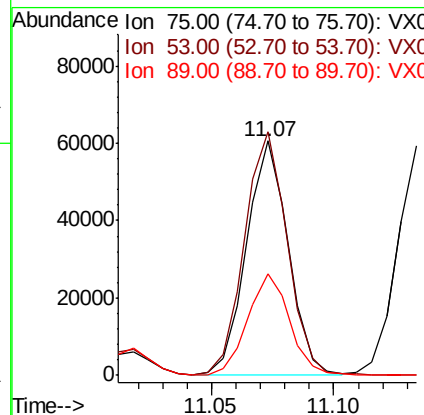
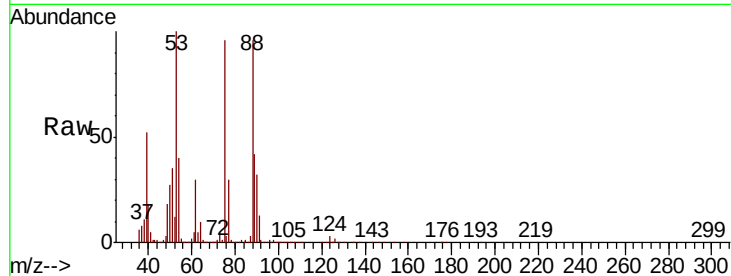
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	71672
Ion	Ratio	Lower	Upper
75	100		
53	104.1	55.5	166.7
89	43.1	24.4	73.2

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#78

4-Chlorotoluene

Concen: 50.210 ug/l

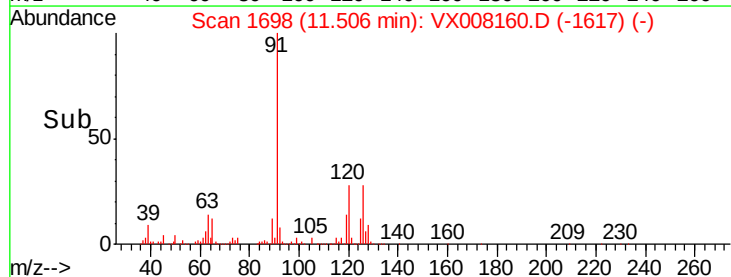
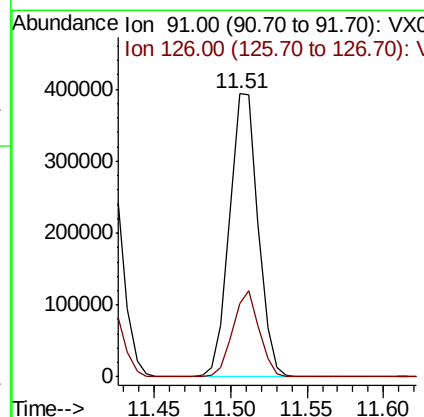
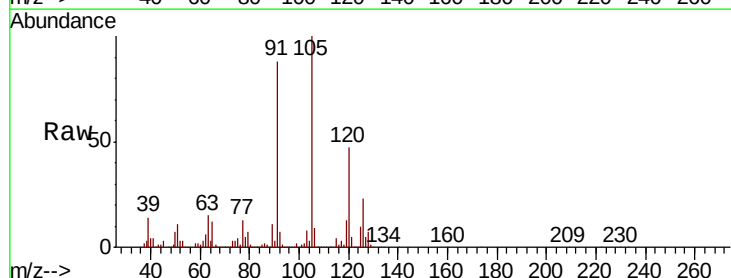
RT: 11.51 min Scan# 1698

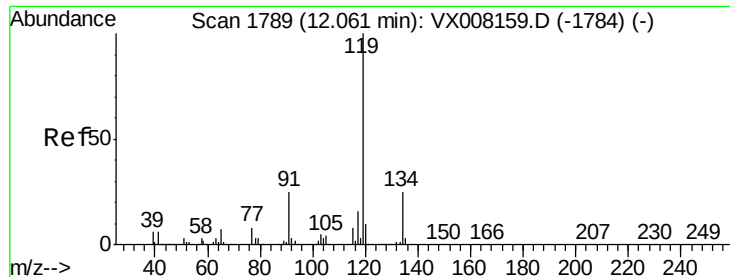
Delta R.T. -0.01 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	91	Resp:	508942
Ion	Ratio	Lower	Upper
91	100		
126	28.3	0.0	66.2





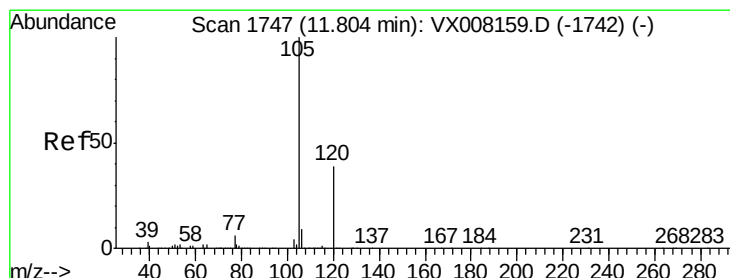
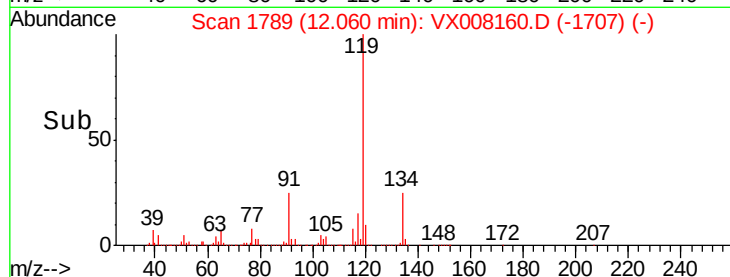
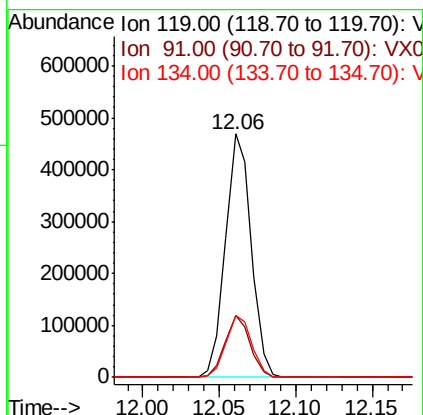
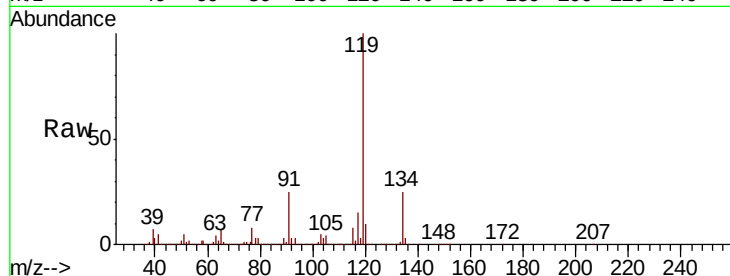
#79
tert-butylbenzene
Concen: 51.876 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	547446		
91	24.4	0.0	45.0	
134	25.4	0.0	55.4	

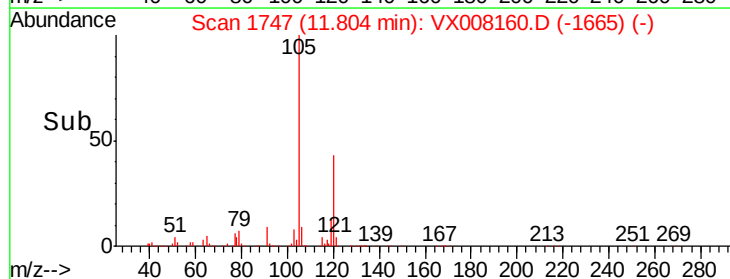
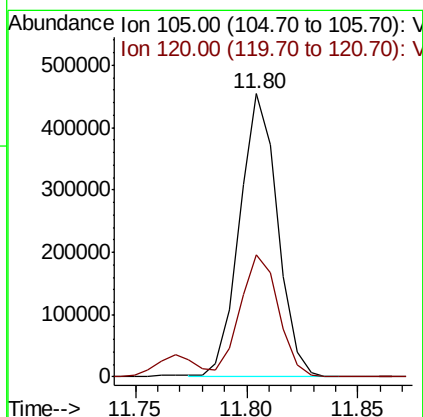
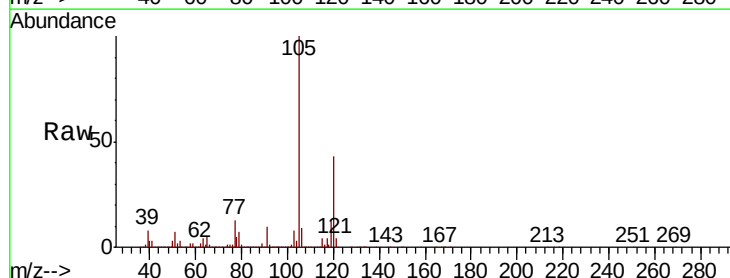
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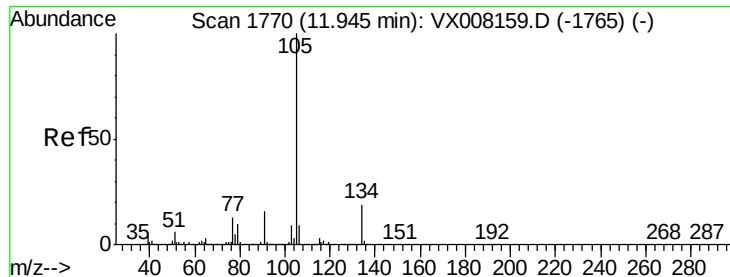
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#80
1,2,4-Trimethylbenzene
Concen: 50.719 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008160.D
Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	538012		
120	43.5	0.0	94.0	





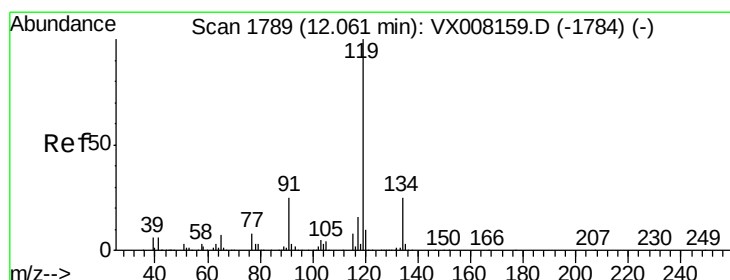
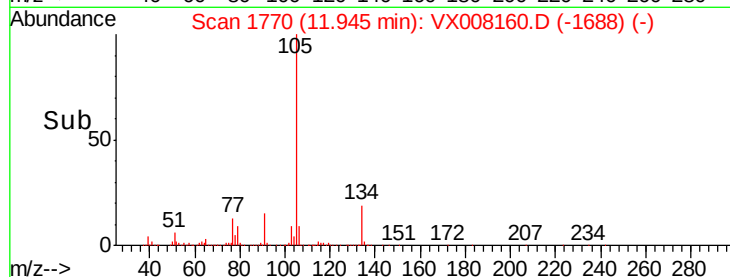
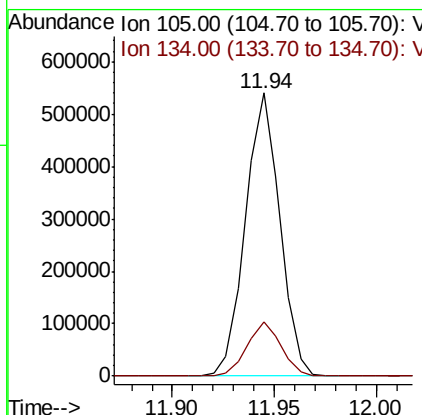
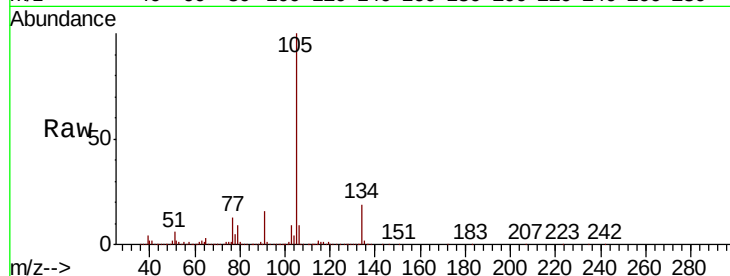
#81
 sec-Butylbenzene
 Concen: 50.671 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	0.0	41.8

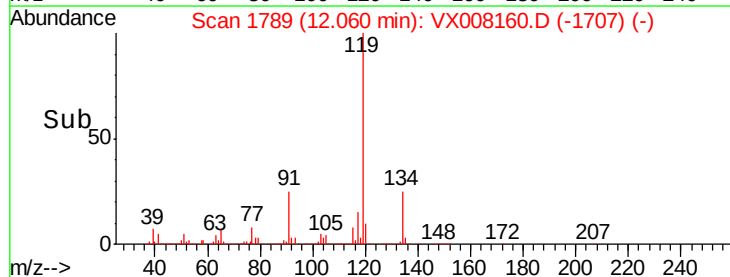
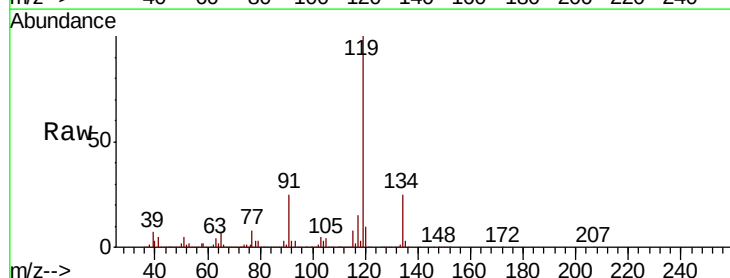
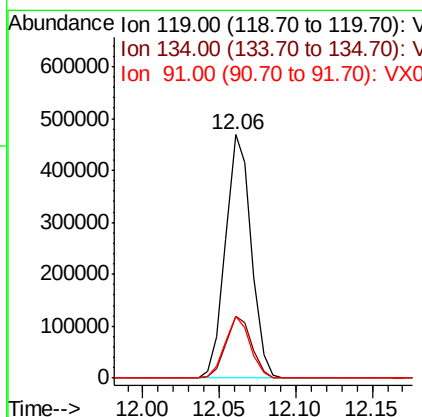
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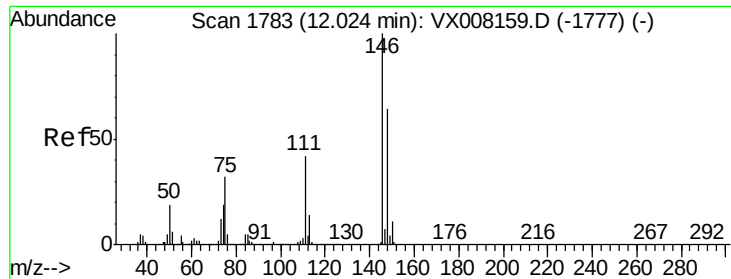
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#82
 p-Isopropyltoluene
 Concen: 51.876 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	0.0	55.4
91	24.4	0.0	45.0





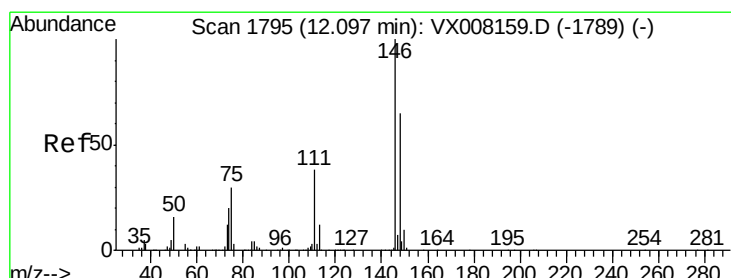
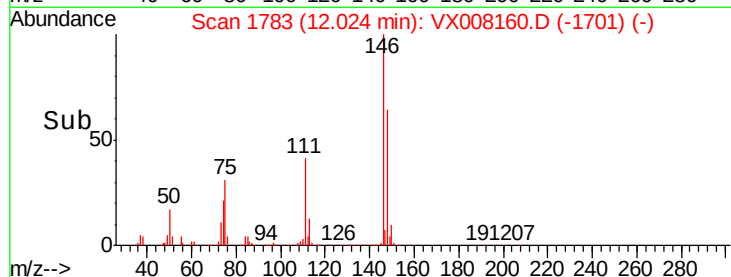
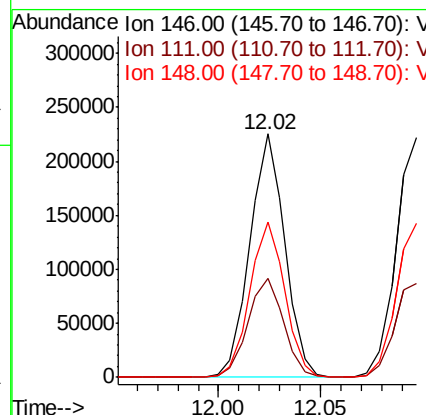
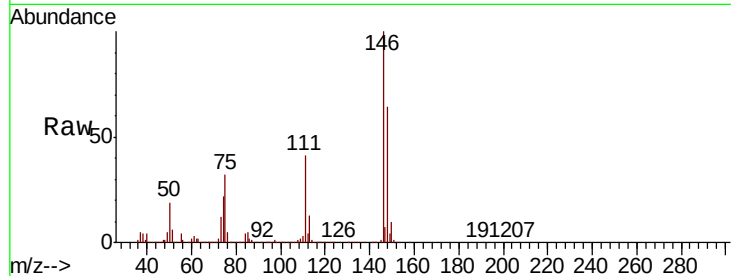
#83
 1,3-Dichlorobenzene
 Concen: 49.434 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.8	56.3
148	64.1	30.6	91.8

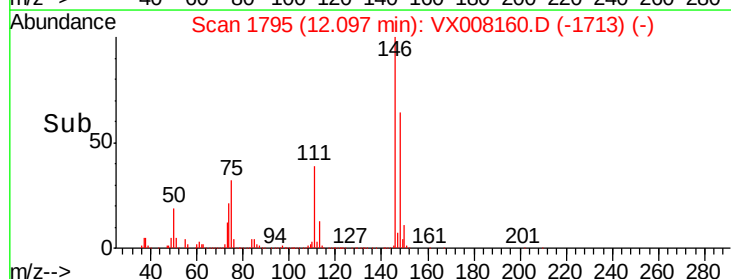
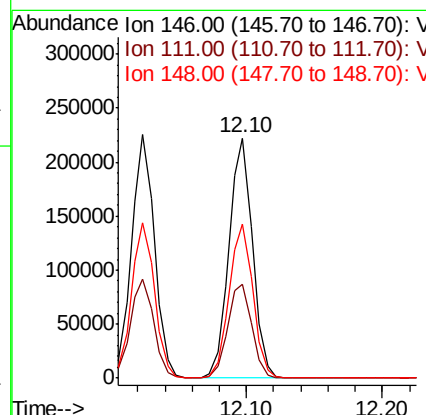
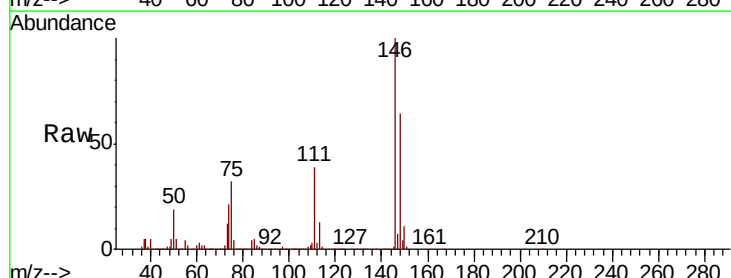
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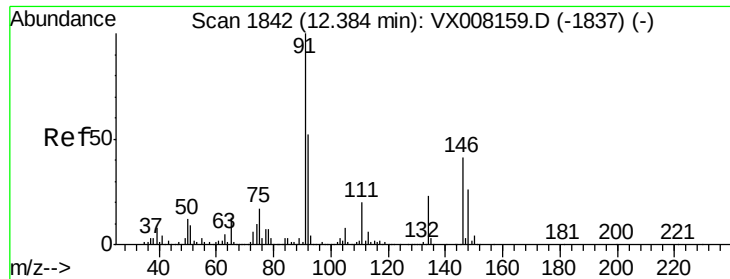
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#84
 1,4-Dichlorobenzene
 Concen: 50.675 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	17.6	52.8
148	64.4	31.4	94.2





#85

n-Butylbenzene

Concen: 53.382 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

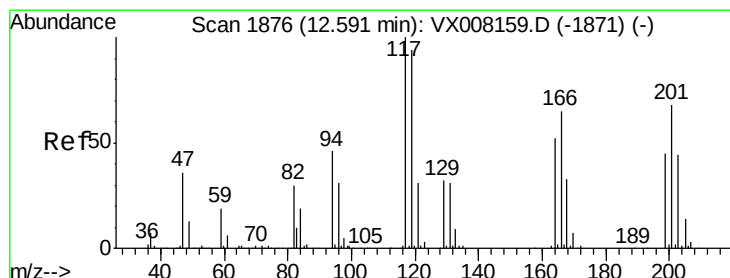
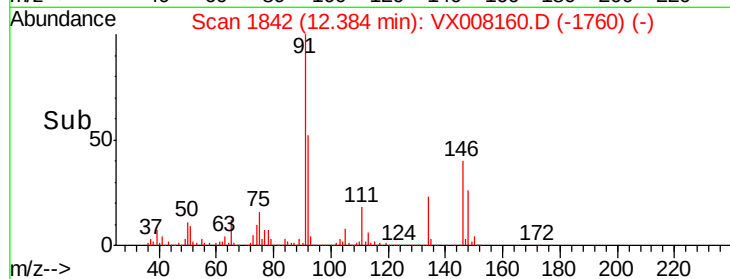
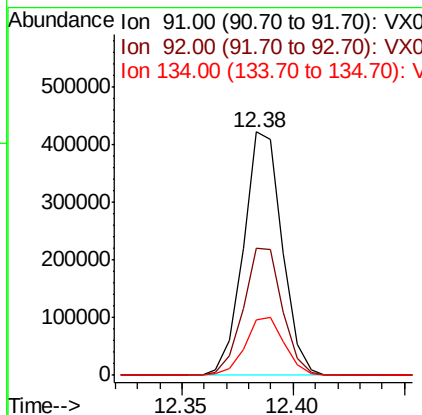
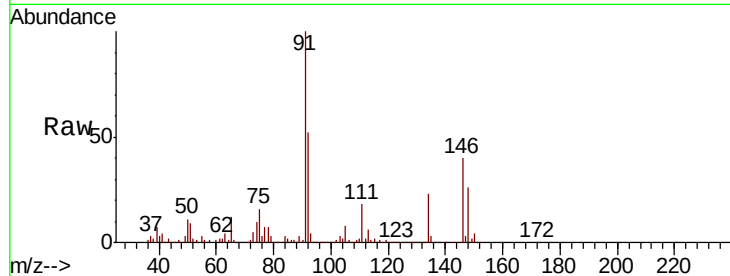
ClientSampleId :

VSTDIC050

Tot Ion:	91	Resp:	510719
Ion	Ratio	Lower	Upper
91	100		
92	52.9	0.0	105.2
134	24.0	0.0	56.4

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#86

Hexachloroethane

Concen: 52.142 ug/l

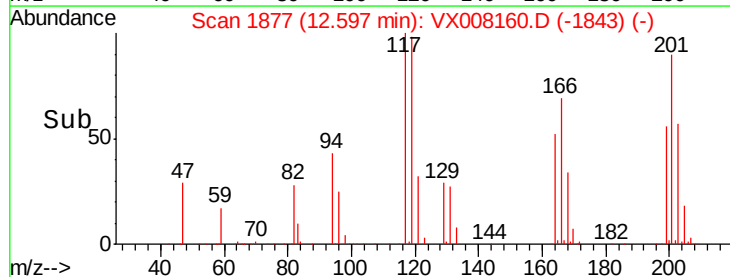
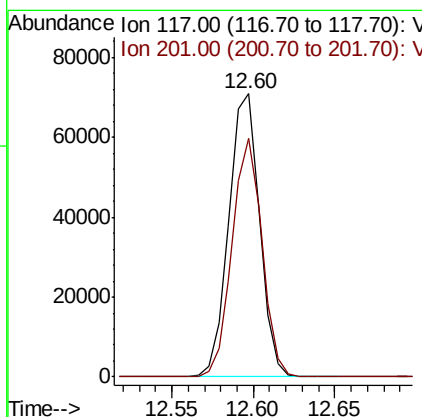
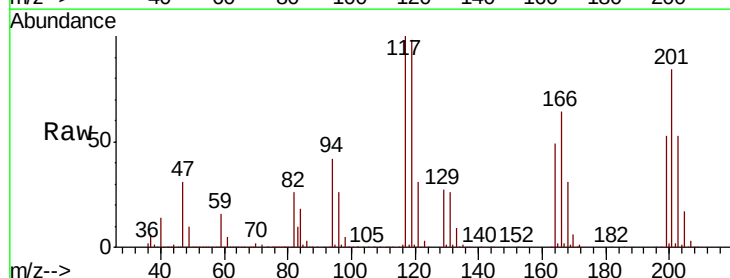
RT: 12.60 min Scan# 1877

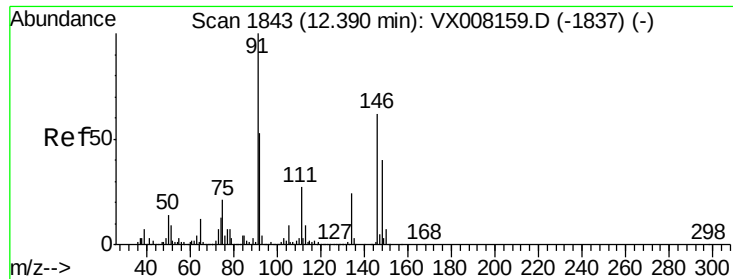
Delta R.T. 0.01 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	117	Resp:	93009
Ion	Ratio	Lower	Upper
117	100		
201	81.9	41.1	123.3





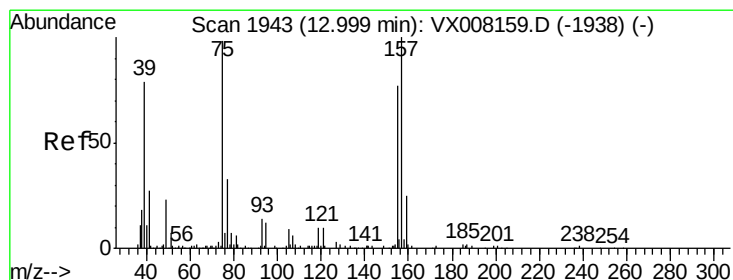
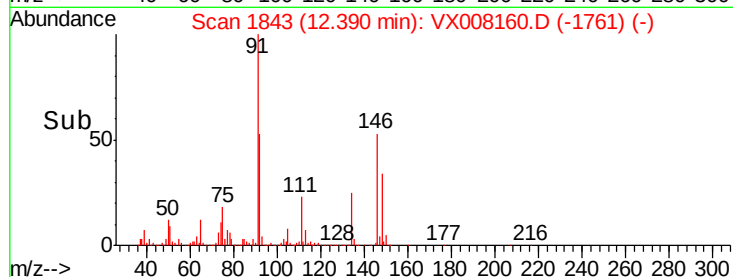
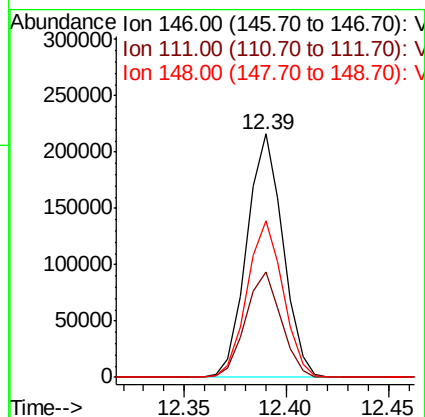
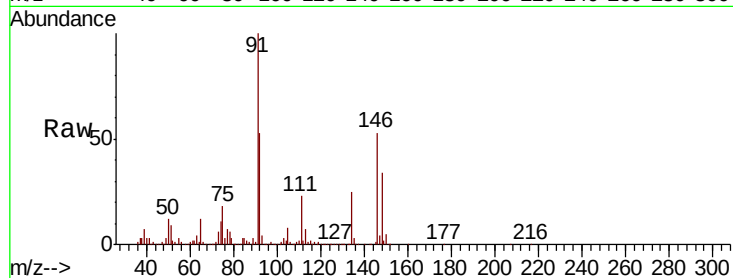
#87
 1,2-Dichlorobenzene
 Concen: 49.308 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.3	57.8
148	63.8	32.1	96.3

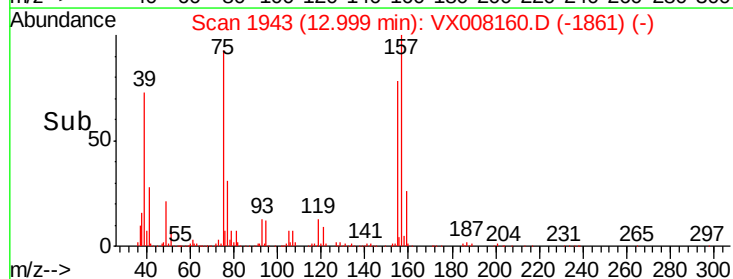
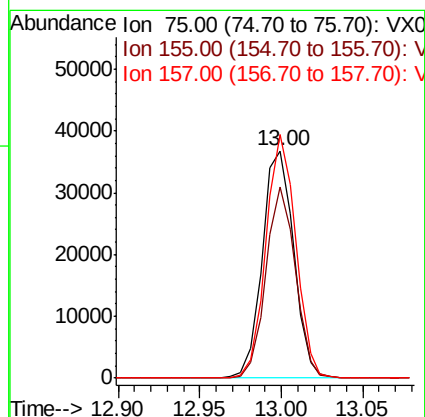
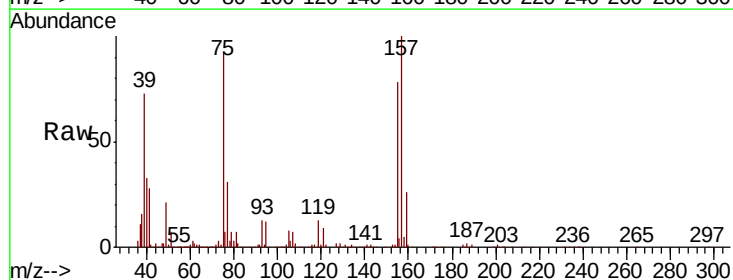
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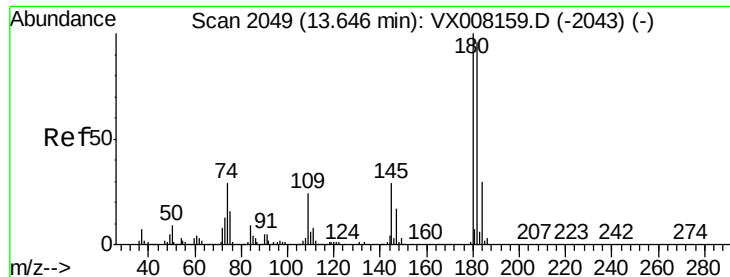
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 50.127 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	81.0	121.6#
157	101.8	103.2	154.8#





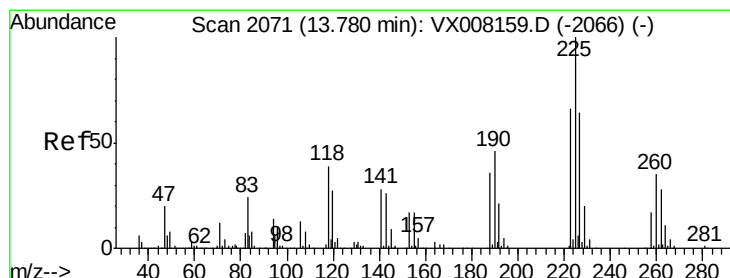
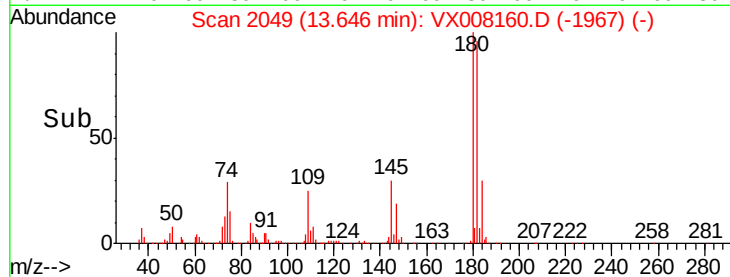
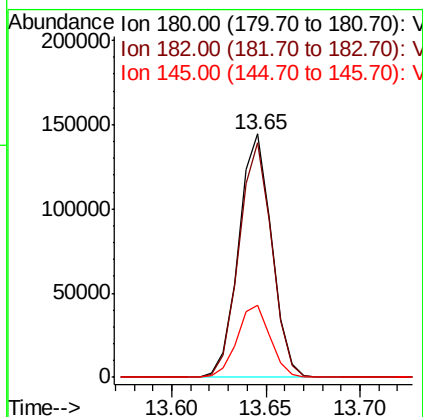
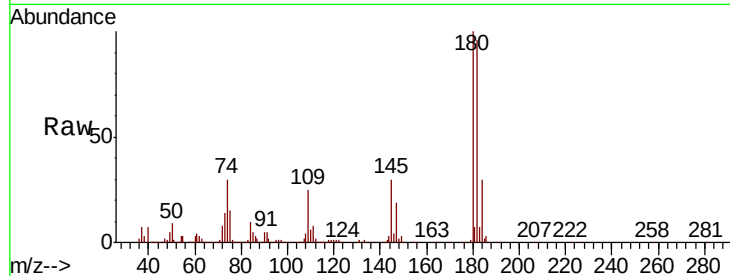
#89
 1,2,4-Trichlorobenzene
 Concen: 51.897 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	175081		
182	96.0	75.6	113.4	
145	29.9	23.0	34.6	

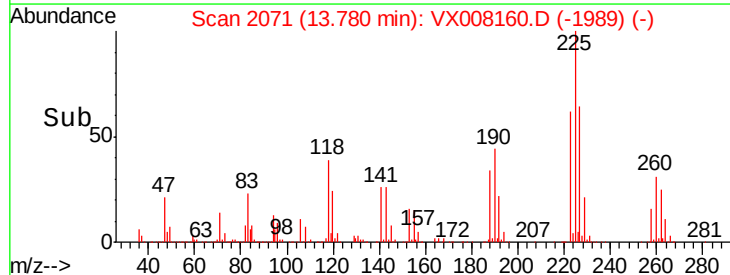
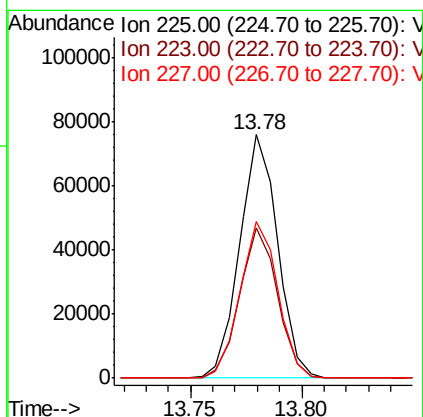
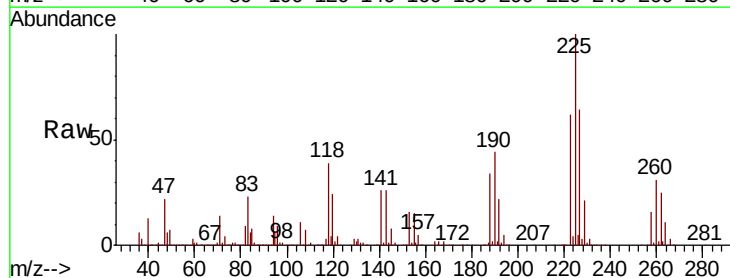
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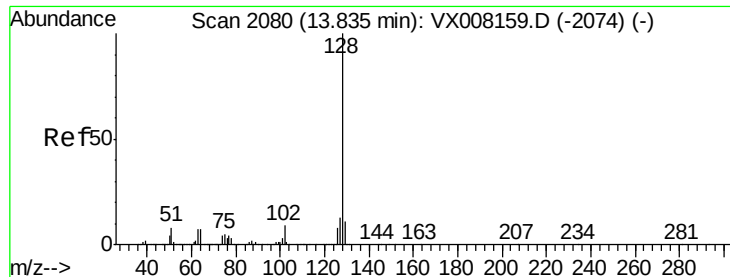
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#90
 Hexachlorobutadiene
 Concen: 51.946 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008160.D
 Acq: 18 Mar 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90261		
223	61.4	0.0	123.8	
227	64.4	0.0	124.4	





#91

Naphthalene

Concen: 51.395 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Instrument :

MSVOA_X

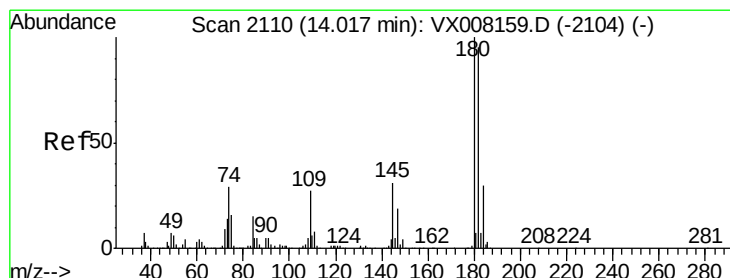
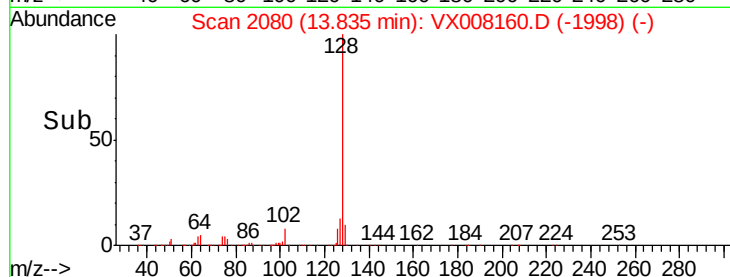
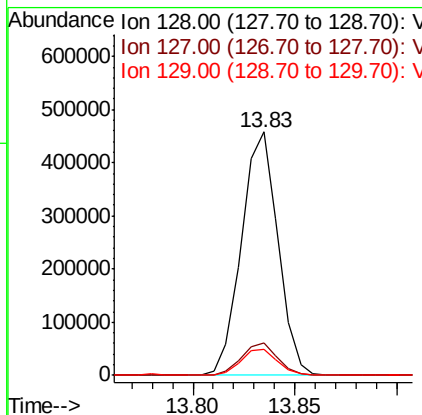
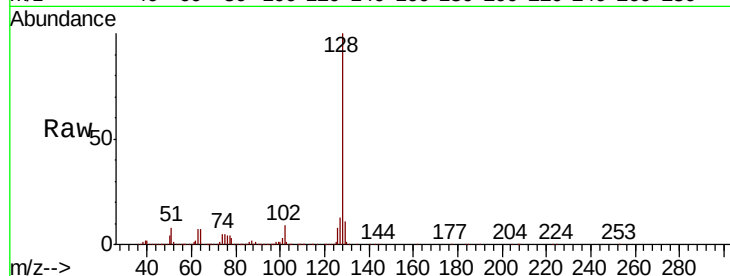
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	569294
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 51.545 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008160.D

Acq: 18 Mar 2019 11:17

Tgt Ion:	180	Resp:	174066
Ion Ratio	Lower	Upper	
180	100		
182	95.2	0.0	193.0
145	32.0	0.0	63.0

