

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009660.D
 Acq On : 17 May 2019 13:56
 Operator : JC/SP
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 11:16:51 AM

Quant Time: May 18 05:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28727	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	163062	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	146174	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	71015	29.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.33%
60) 4-Bromofluorobenzene	11.13	95	72691	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	8.71	98	209311	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	24641	16.143	ug/l 100
3) Chloromethane	1.32	50	39682	19.340	ug/l 95
4) Vinyl Chloride	1.41	62	36699	17.929	ug/l 97
5) Bromomethane	1.64	94	24185	18.640	ug/l 99
6) Chloroethane	1.72	64	23646	17.615	ug/l 98
7) Trichlorofluoromethane	1.93	101	46207	18.282	ug/l 97
8) Diethyl Ether	2.19	74	22338	19.033	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28235	18.043	ug/l 98
10) 1,1-Dichloroethene	2.37	96	28481	18.126	ug/l 99
11) Methyl Iodide	2.51	142	30568	17.896	ug/l 95
12) Methyl Acetate	2.78	43	58597	19.799	ug/l 97
13) Acrolein	2.29	56	48338	119.082	ug/l 99
14) Acrylonitrile	3.14	53	131006	101.998	ug/l 100
15) Acetone	2.45	58	35479	96.210	ug/l 97
16) Carbon Disulfide	2.57	76	73446	17.276	ug/l 98
17) Allyl chloride	2.73	41	70906	18.797	ug/l 96
18) Methylene Chloride	2.85	84	37080	19.526	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	30917	18.454	ug/l 96
20) Diisopropyl ether	3.85	45	142824	19.226	ug/l 94
21) 1,1-Dichloroethane	3.70	63	67869	18.879	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	37792	18.728	ug/l 98
23) tert-Butyl Alcohol	3.05	59	55086	101.429	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	116976	19.023	ug/l 99
25) Chloroform	5.21	83	63067	19.224	ug/l 96
26) Cyclohexane	5.58	56	61555	18.372	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	45421	18.984	ug/l 99
30) 2-Butanone	4.67	43	195149	104.146	ug/l 99
31) 2,2-Dichloropropane	4.58	77	47983	18.191	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	51042	19.678	ug/l 97
33) Carbon Tetrachloride	5.78	117	41129	18.952	ug/l 96
34) Benzene	6.14	78	145551	19.732	ug/l 98
35) Methacrylonitrile	5.04	41	40492	20.654	ug/l 91
36) 1,2-Dichloroethane	6.19	62	54091	20.209	ug/l 99
37) Trichloroethene	7.21	130	33685	18.970	ug/l 92
38) Methylcyclohexane	7.46	83	54239	18.348	ug/l 99
39) 1,2-Dichloropropane	7.51	63	42156	20.068	ug/l 99
40) Dibromomethane	7.66	93	23525	19.732	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
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Quant Time: May 18 05:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	46547	19.113	ug/l	95
42) Vinyl Acetate	3.82	43	627536	101.471	ug/l	100
43) Ethyl Acetate	4.84	43	71883	21.230	ug/l	99
44) Isopropyl Acetate	6.45	43	111677	20.360	ug/l	98
45) 1,4-Dioxane	7.74	88	22729	422.055	ug/l	98
46) Methyl methacrylate	7.77	41	54078	19.752	ug/l	99
47) n-amyl Acetate	10.90	43	97941	19.821	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	52618	18.518	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	58406	18.723	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	37094	20.307	ug/l	98
51) Ethyl methacrylate	9.18	69	65477	19.398	ug/l	99
52) 1,3-Dichloropropane	9.37	76	65193	20.110	ug/l	100
53) Dibromochloromethane	9.58	129	34697	19.073	ug/l	99
54) 1,2-Dibromoethane	9.67	107	36830	19.660	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	213633	118.771	ug/l	99
56) Bromoform	10.85	173	25724	18.421	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	379655	105.629	ug/l	99
59) 2-Hexanone	9.49	43	295788	104.922	ug/l	99
61) Tetrachloroethene	9.34	164	31292	19.419	ug/l	96
62) Toluene	8.79	91	151542	19.401	ug/l	100
64) Chlorobenzene	10.13	112	91575	19.480	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	33511	19.469	ug/l	98
66) Ethyl Benzene	10.25	91	166510	19.136	ug/l	99
67) m/p-Xylenes	10.36	106	121561	38.263	ug/l	99
68) o-Xylene	10.69	106	61178	19.584	ug/l	99
69) Styrene	10.71	104	105329	19.207	ug/l	99
70) Isopropylbenzene	11.02	105	162359	19.326	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	62597	20.345	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	53881m	20.322	ug/l	
73) Bromobenzene	11.26	156	40863	19.686	ug/l	99
74) n-propylbenzene	11.36	91	184036	18.903	ug/l	100
75) 2-Chlorotoluene	11.42	91	113061	19.362	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	137211	19.281	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	18903	17.674	ug/l	93
78) 4-Chlorotoluene	11.51	91	126538	19.079	ug/l	100
79) tert-butylbenzene	11.77	119	132292	19.230	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	136457	19.131	ug/l	98
81) sec-Butylbenzene	11.94	105	156240	19.115	ug/l	99
82) p-Isopropyltoluene	12.06	119	139932	18.820	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	70343	18.976	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	69897	18.926	ug/l	99
85) n-Butylbenzene	12.38	91	124325	18.274	ug/l	99
86) Hexachloroethane	12.59	117	23164	18.309	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	72427	19.409	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14266	19.953	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	49974	18.790	ug/l	98
90) Hexachlorobutadiene	13.78	225	25883	19.482	ug/l	99
91) Naphthalene	13.83	128	164113	18.846	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	50957	18.848	ug/l	99

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MSVOA_X
ClientSampleId :
VX0517WBSD01

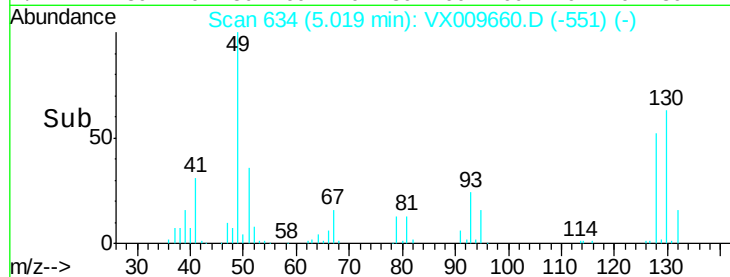
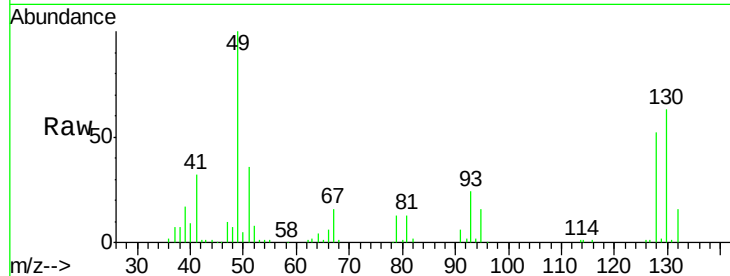
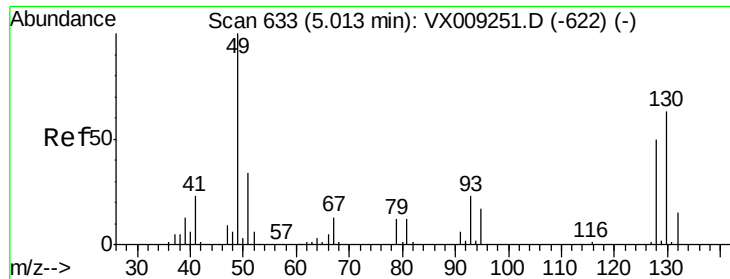
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QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tot Ion:	128	Resp:	28727
Ion	Ratio	Lower	Upper
128	100		
49	199.3	0.0	515.0
130	126.5	0.0	323.3

Instrument :

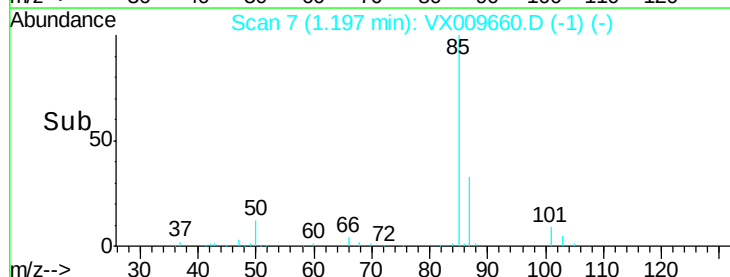
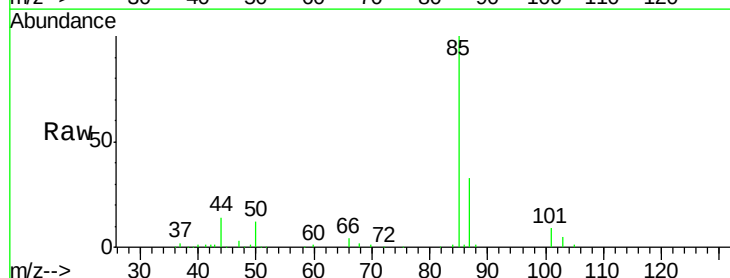
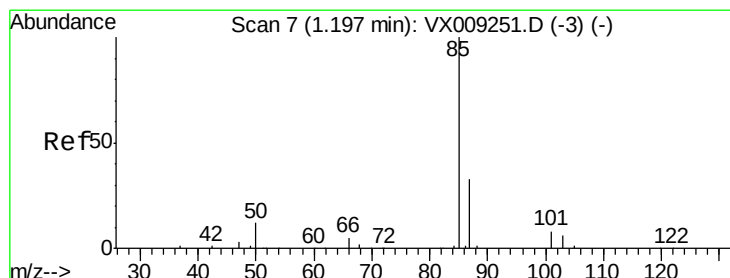
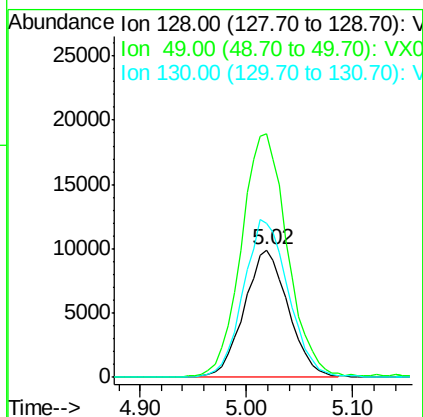
MSVOA_X

ClientSampleId :

VX0517WBSD01

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 16.143 ug/l

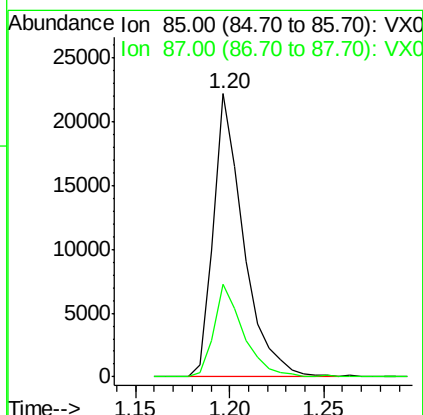
RT: 1.20 min Scan# 7

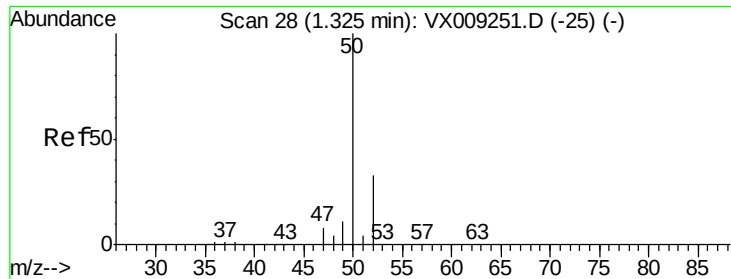
Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	85	Resp:	24641
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.9





#3

Chloromethane

Concen: 19.340 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 50 Resp: 39682

Ion Ratio Lower Upper

50 100

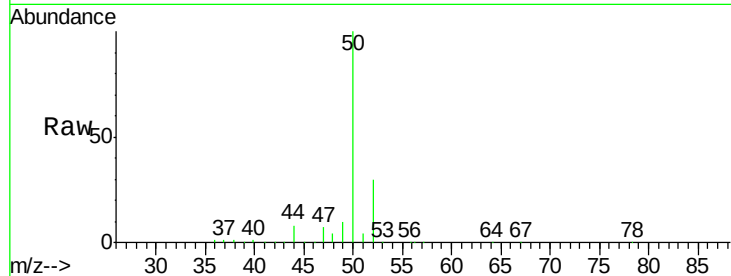
52 30.1 26.3 39.5

Manual Integrations

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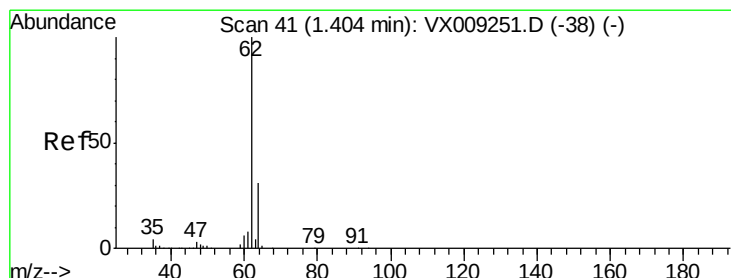
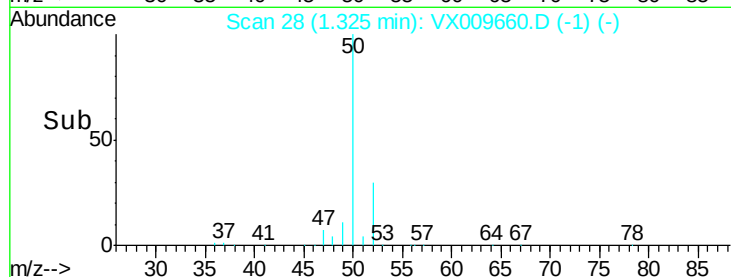
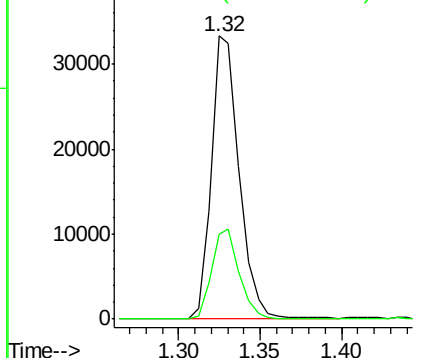
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.929 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009660.D

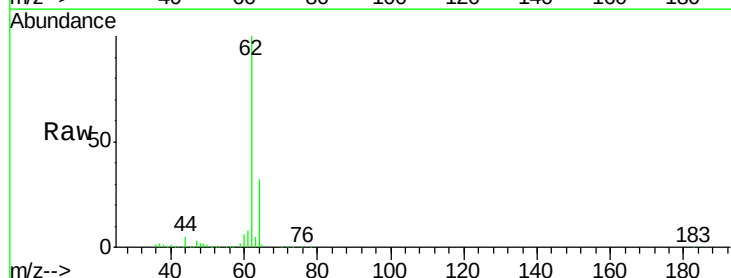
Acq: 17 May 2019 13:56

Tgt Ion: 62 Resp: 36699

Ion Ratio Lower Upper

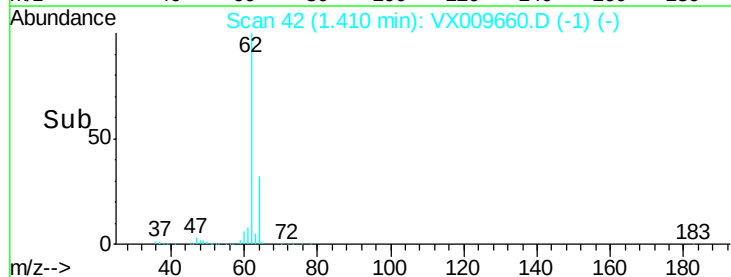
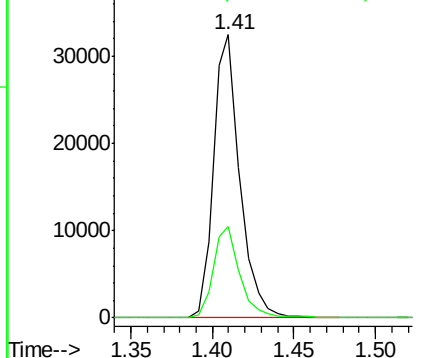
62 100

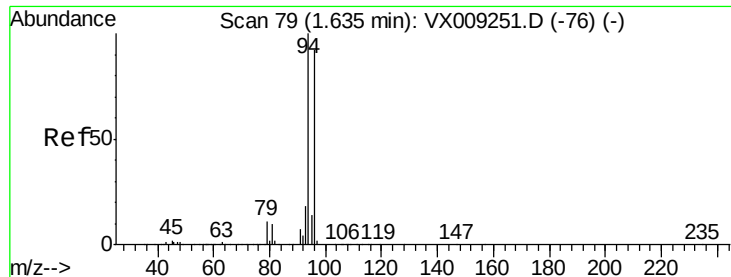
64 32.1 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.640 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 94 Resp: 24185

Ion Ratio Lower Upper

94 100

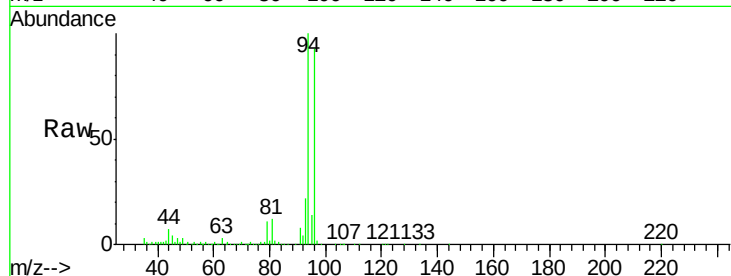
96 92.9 73.5 110.3

Manual Integrations

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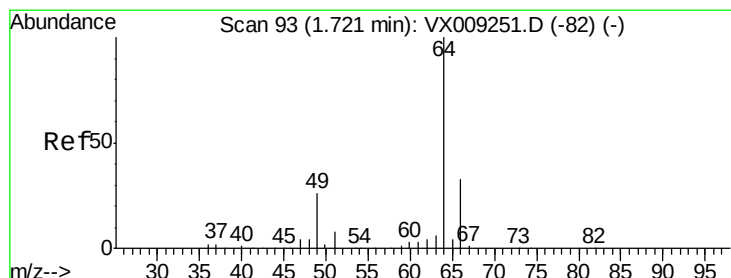
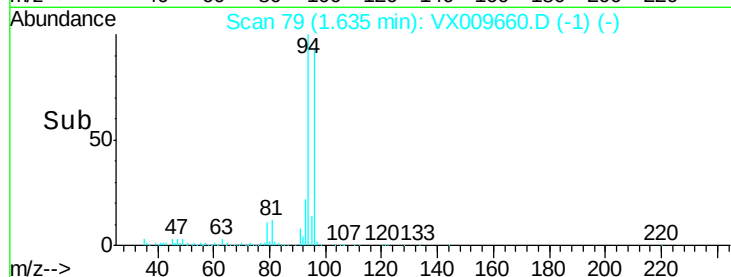
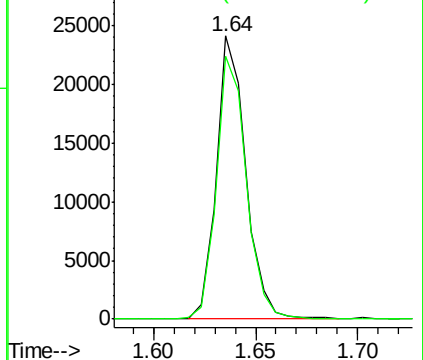
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.615 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009660.D

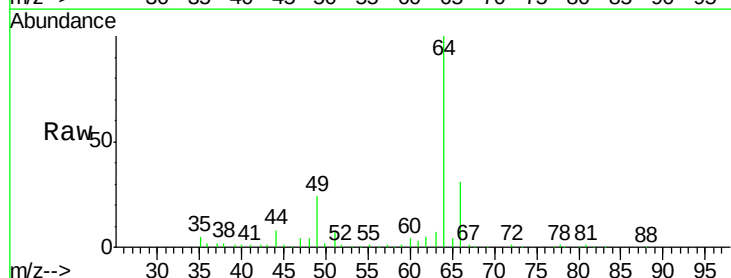
Acq: 17 May 2019 13:56

Tgt Ion: 64 Resp: 23646

Ion Ratio Lower Upper

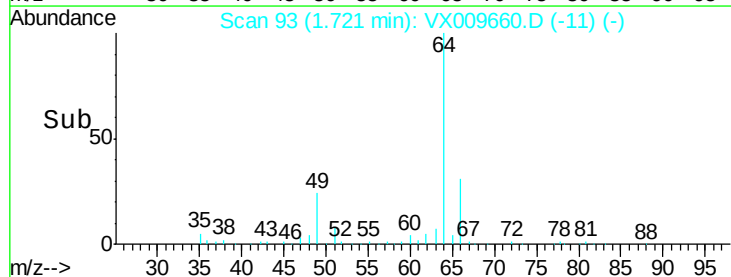
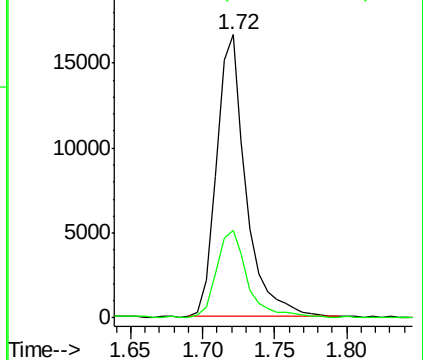
64 100

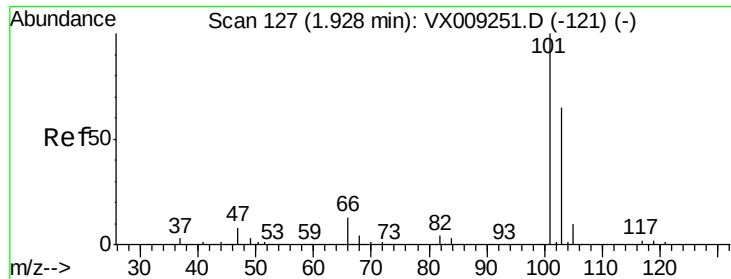
66 31.3 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

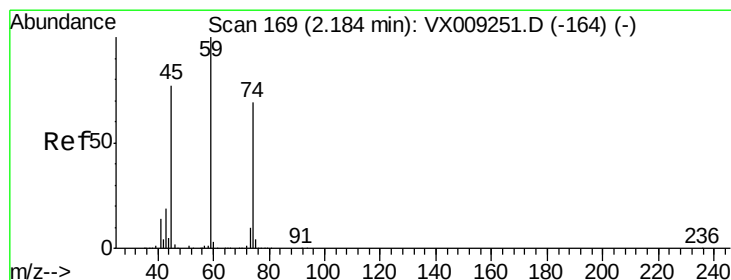
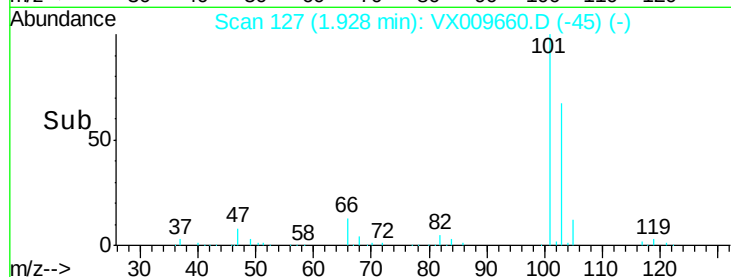
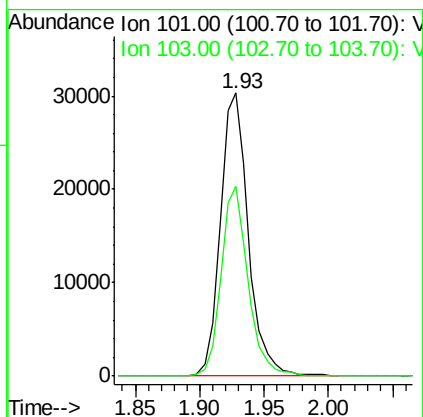
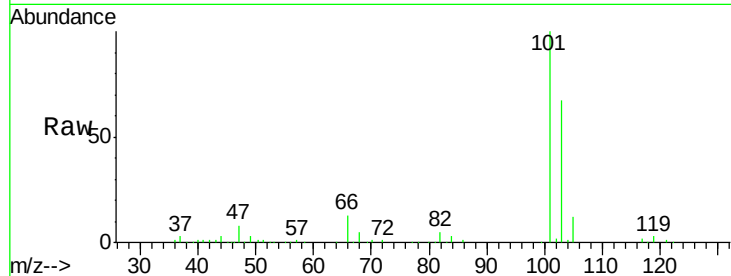
Trichlorofluoromethane
Concen: 18.282 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.9	77.9

Manual Integrations
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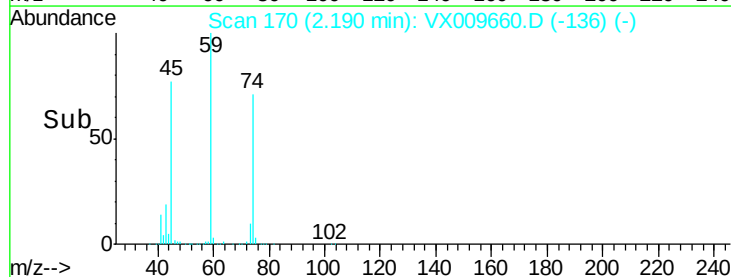
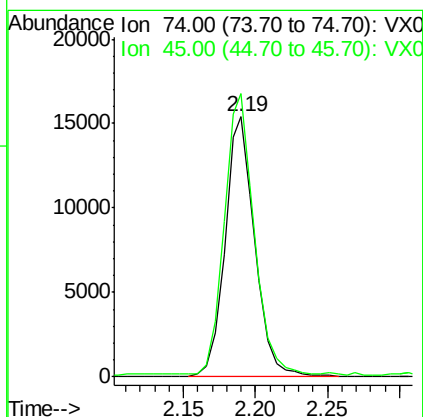
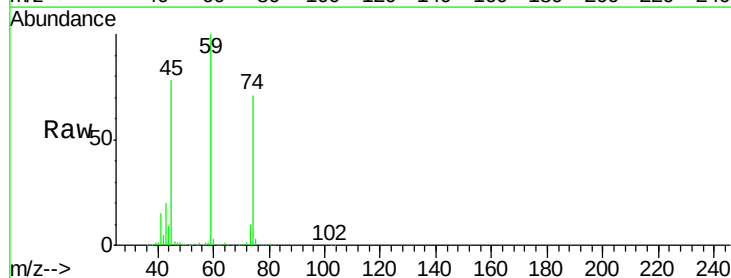
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5/20/2019 11:16:51 AM

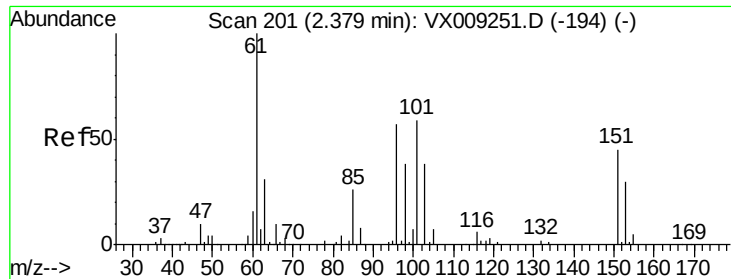


#8

Diethyl Ether
Concen: 19.033 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.8	21.5	193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.043 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

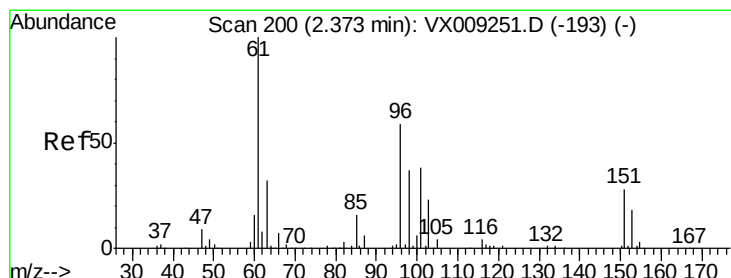
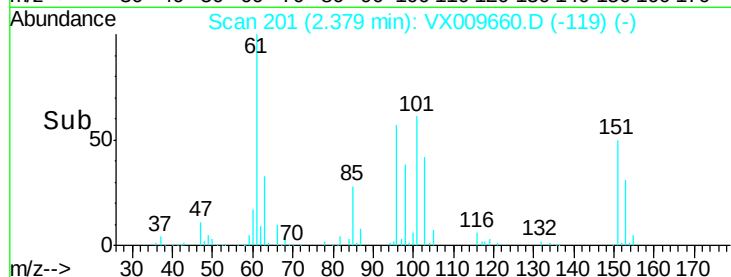
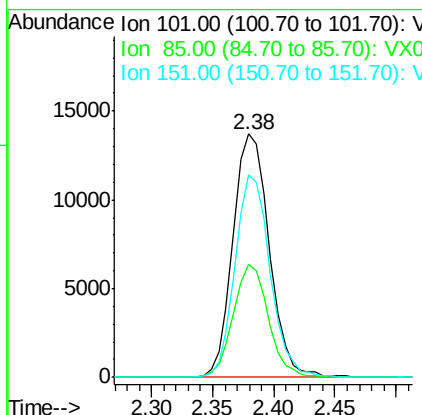
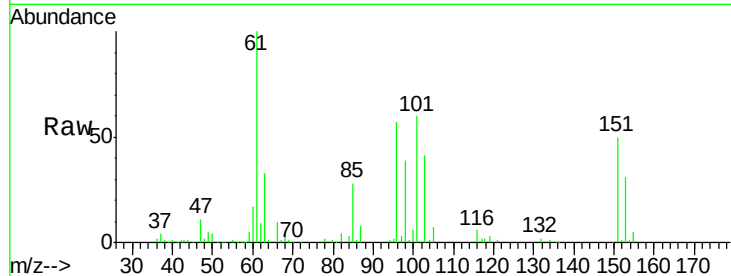
ClientSampleId :

VX0517WBSD01

Tot Ion:	101	Resp:	28235
Ion Ratio	Lower	Upper	
101	100		
85	44.7	0.0	87.4
151	80.4	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.126 ug/l

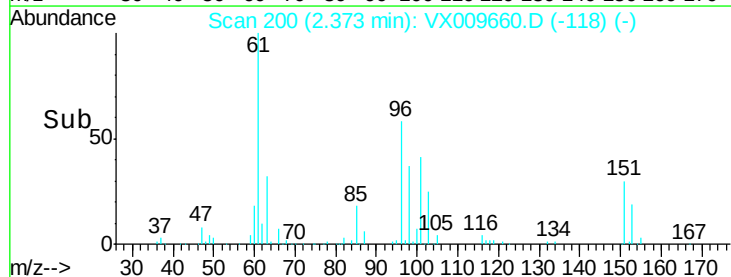
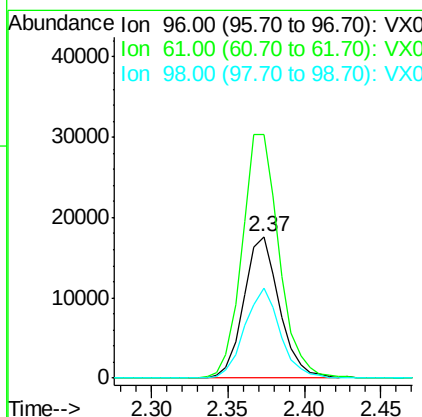
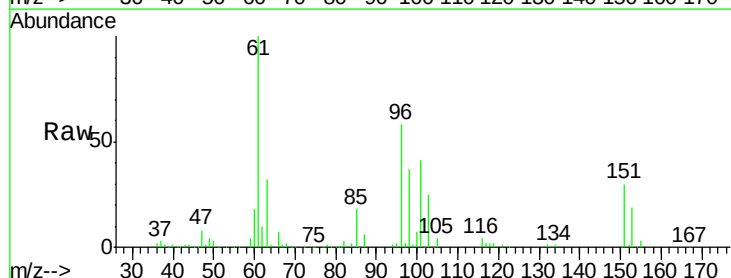
RT: 2.37 min Scan# 200

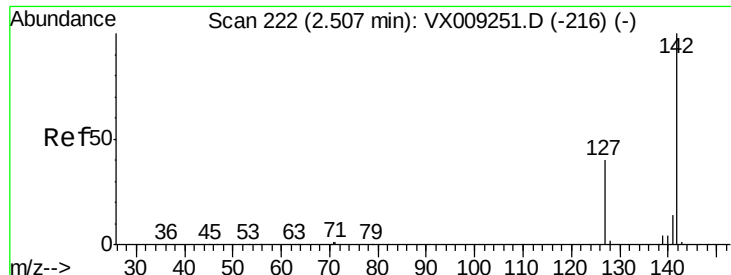
Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	96	Resp:	28481
Ion Ratio	Lower	Upper	
96	100		
61	172.2	136.5	204.7
98	63.3	51.0	76.4





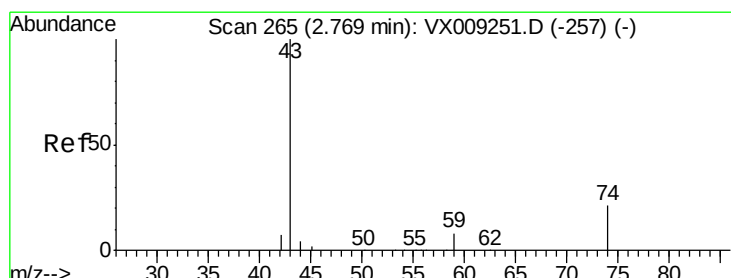
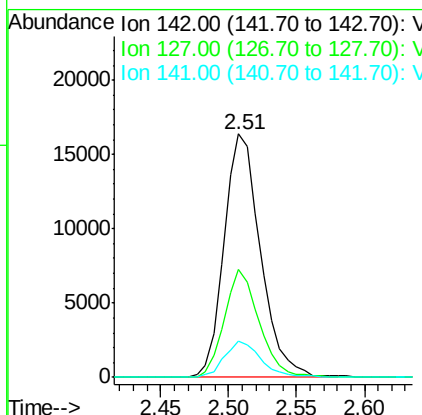
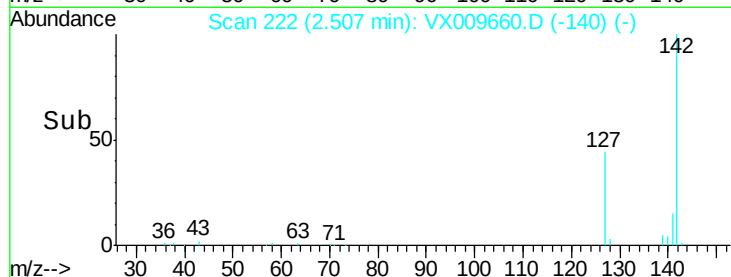
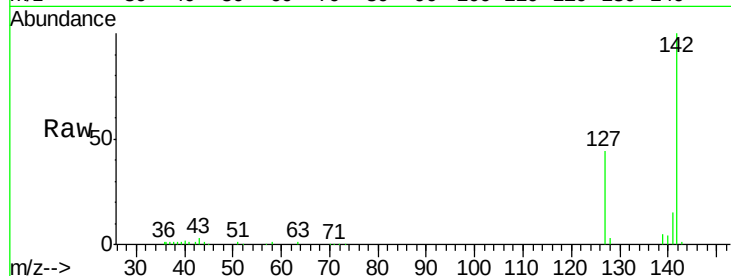
#11
Methvl Iodide
Concen: 17.896 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.2	20.2	60.5
141	14.8	6.9	20.7

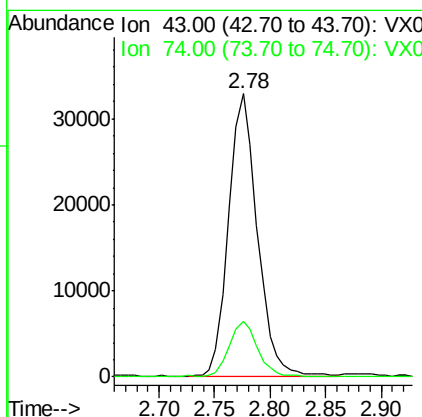
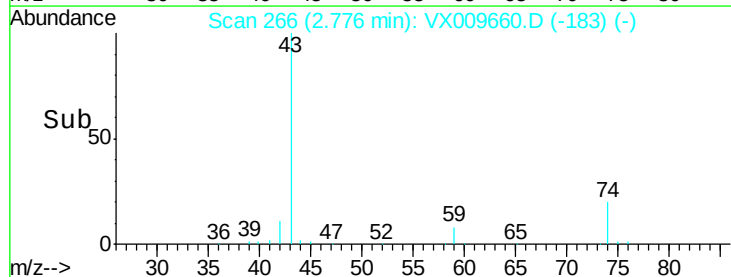
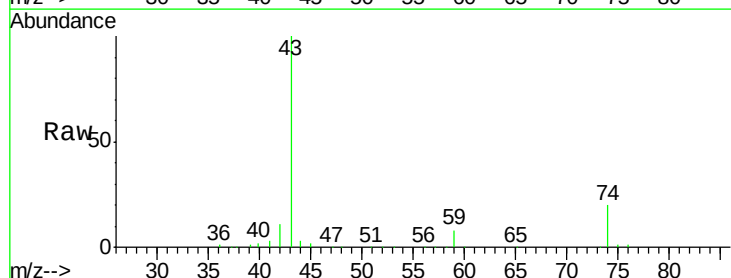
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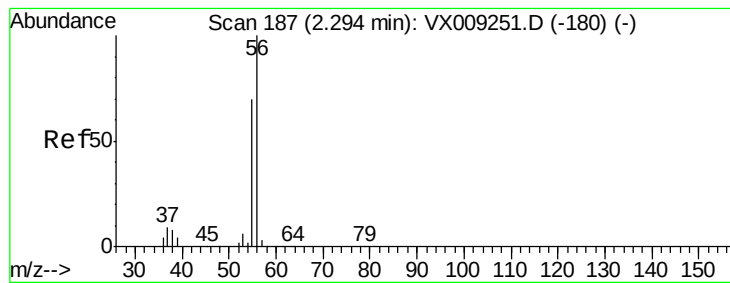
MMDadoda
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#12
Methyl Acetate
Concen: 19.799 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	16.5	24.7





#13

Acrolein

Concen: 119.082 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 56 Resp: 48338

Ion Ratio Lower Upper

56 100

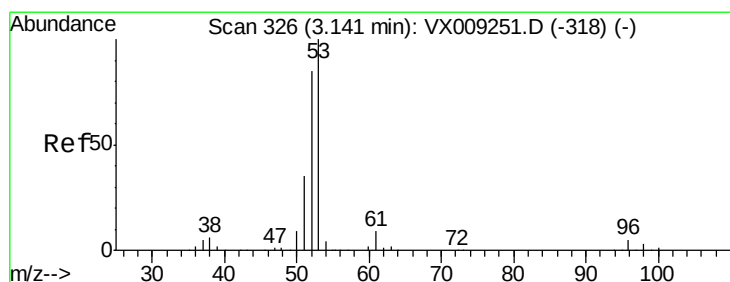
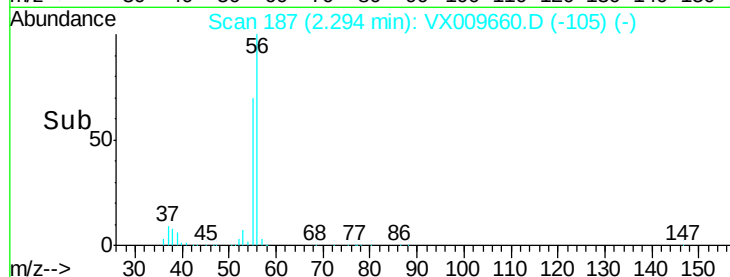
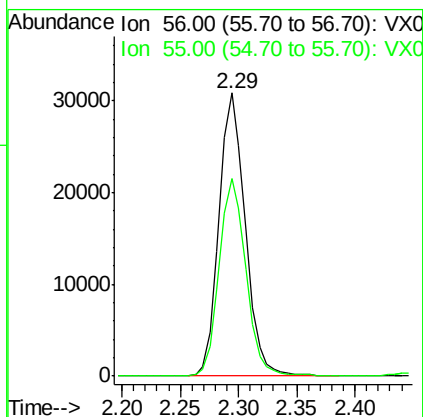
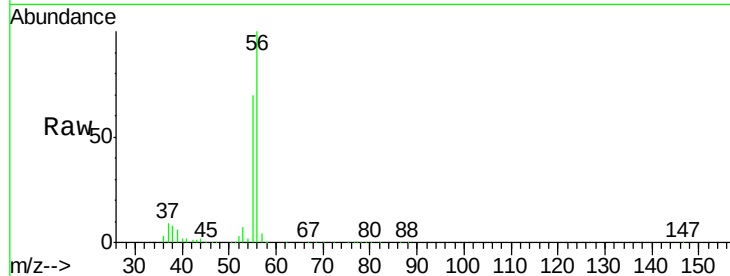
55 70.4 56.9 85.3

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5/20/2019 11:16:51 AM



#14

Acrylonitrile

Concen: 101.998 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

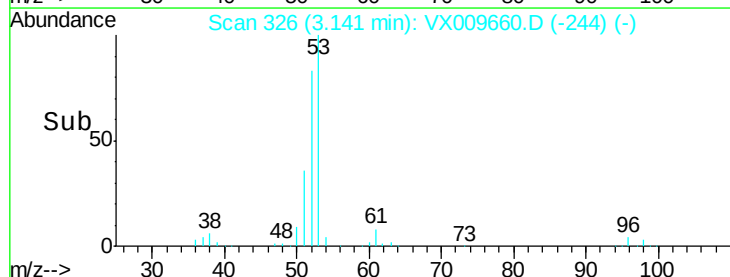
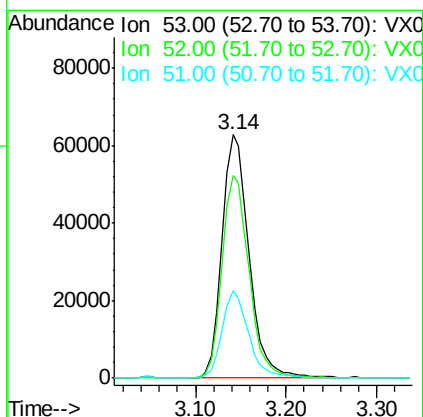
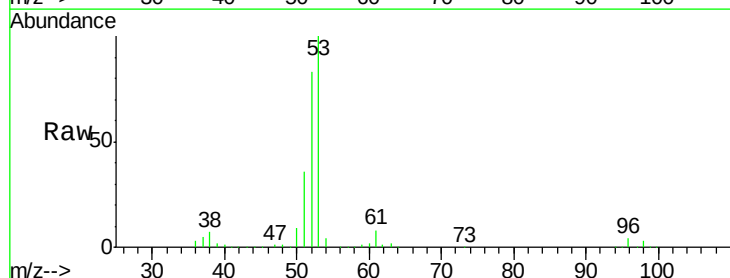
Tgt Ion: 53 Resp: 131006

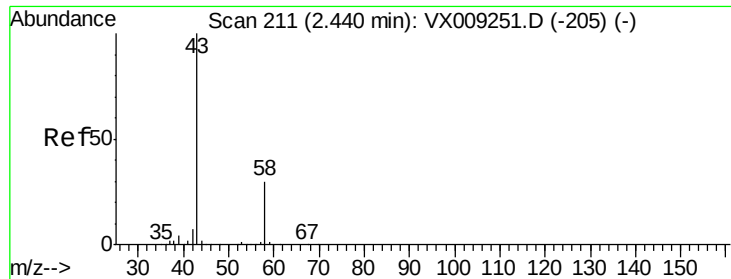
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.5

51 35.1 17.8 53.3





#15

Acetone

Concen: 96.210 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 58 Resp: 35479

Ion Ratio Lower Upper

58 100

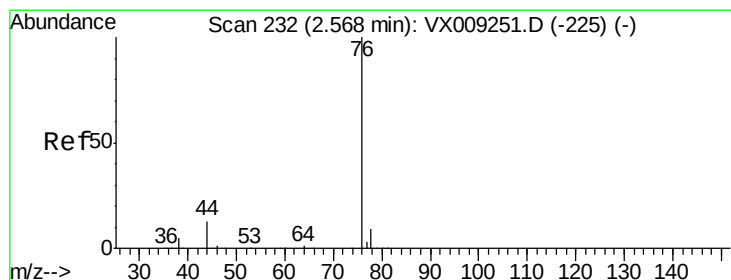
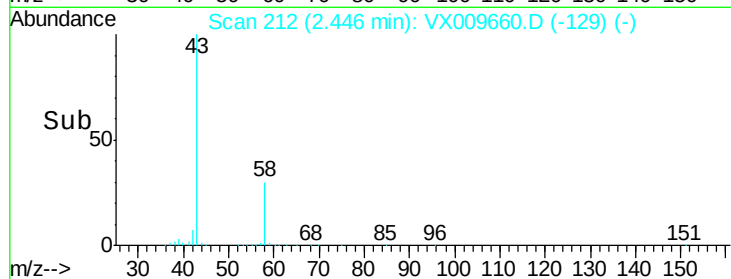
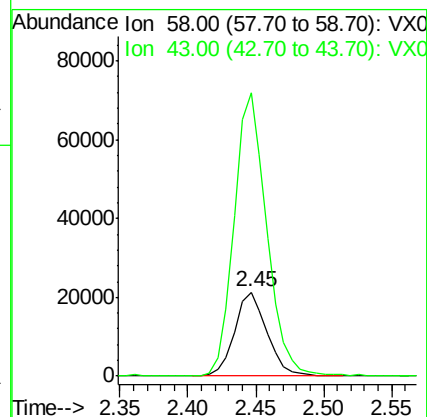
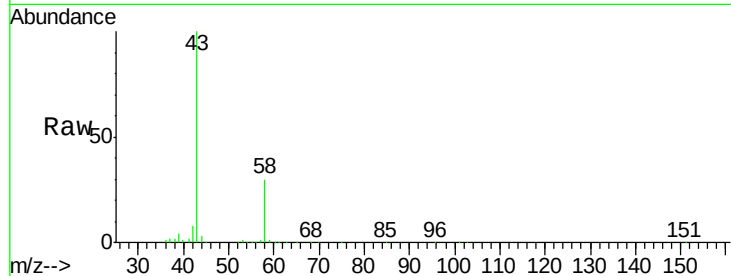
43 336.7 264.0 396.0

Manual Integrations

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5/20/2019 11:16:51 AM



#16

Carbon Disulfide

Concen: 17.276 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009660.D

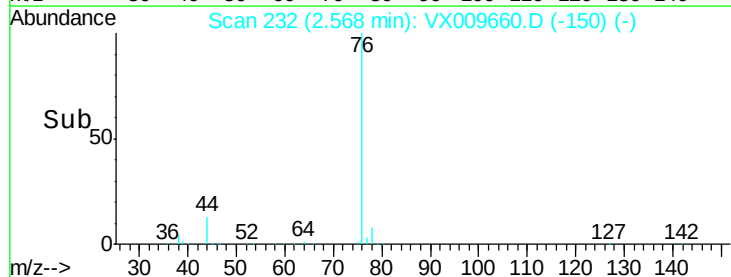
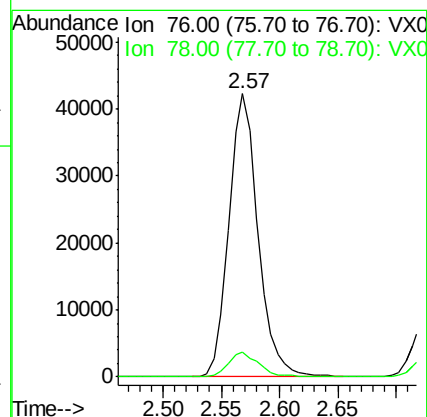
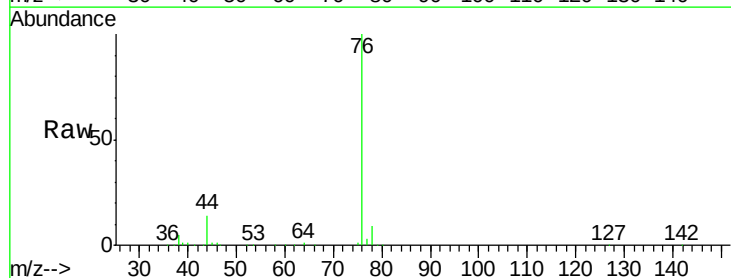
Acq: 17 May 2019 13:56

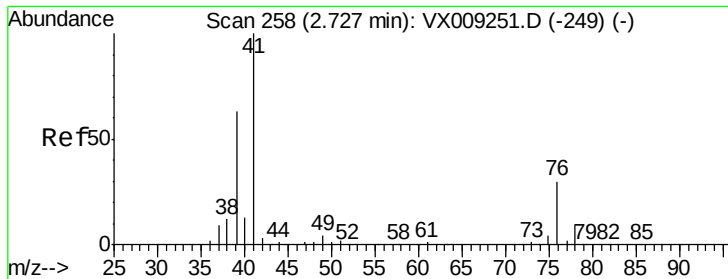
Tgt Ion: 76 Resp: 73446

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2





#17

Allvl chloride

Concen: 18.797 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

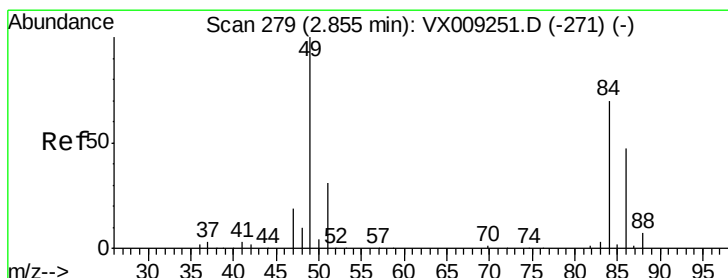
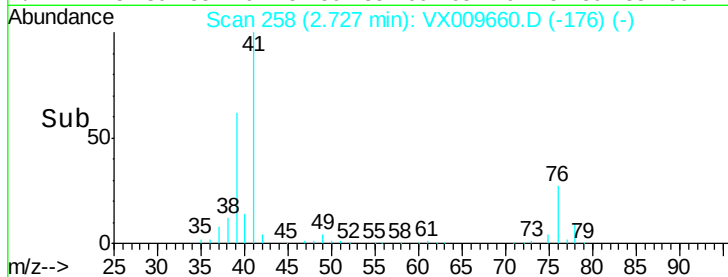
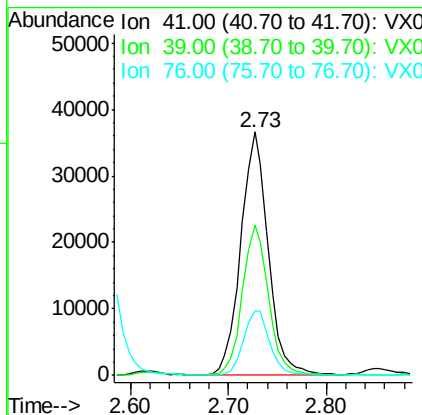
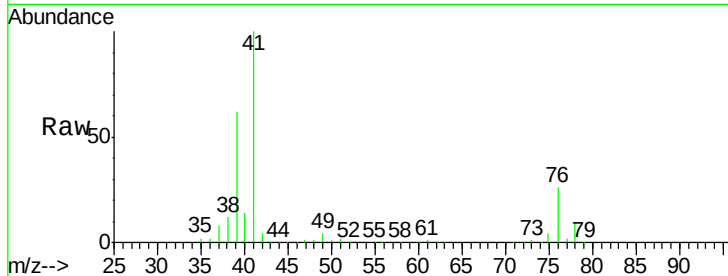
ClientSampleId :

VX0517WBSD01

Tot Ion:	41	Resp:	70906
Ion	Ratio	Lower	Upper
41	100		
39	61.6	31.6	94.7
76	26.3	15.1	45.3

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#18

Methylene Chloride

Concen: 19.526 ug/l

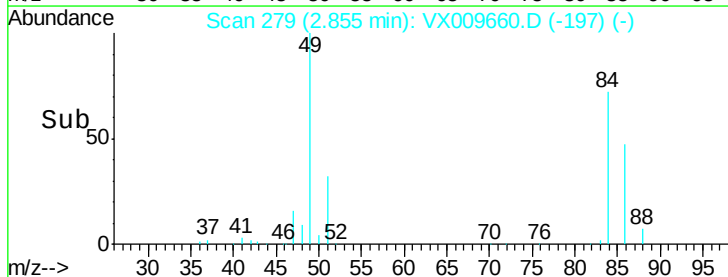
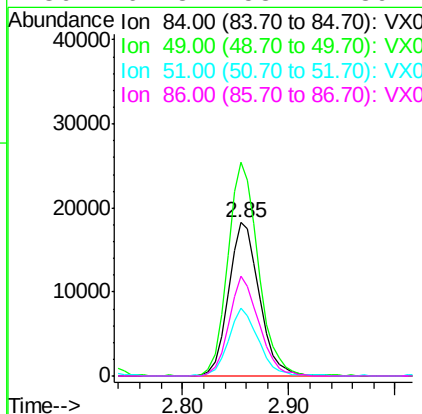
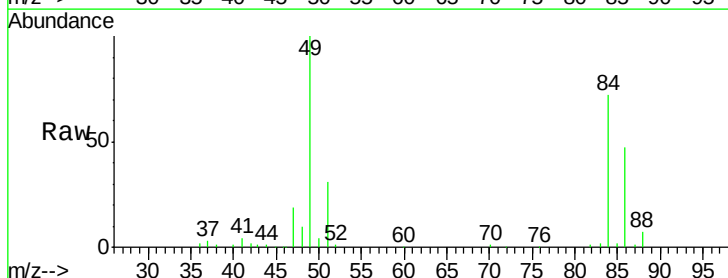
RT: 2.85 min Scan# 279

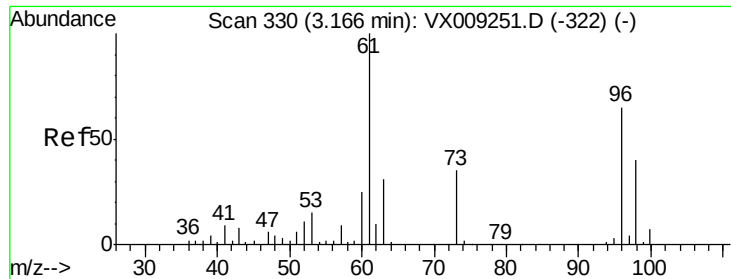
Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	84	Resp:	37080
Ion	Ratio	Lower	Upper
84	100		
49	139.1	114.6	171.8
51	43.6	35.5	53.3
86	64.8	53.4	80.2





#19

trans-1,2-Dichloroethene

Concen: 18.454 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 96 Resp: 30917

Ion Ratio Lower Upper

96 100

61 159.1 122.7 184.1

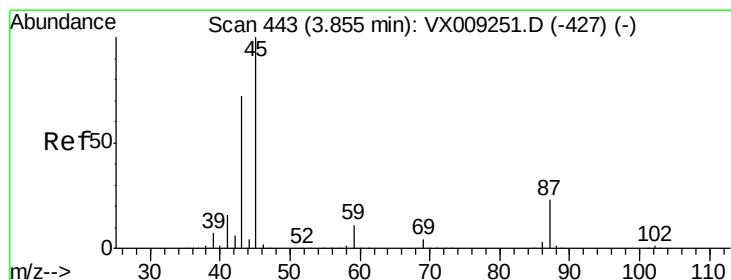
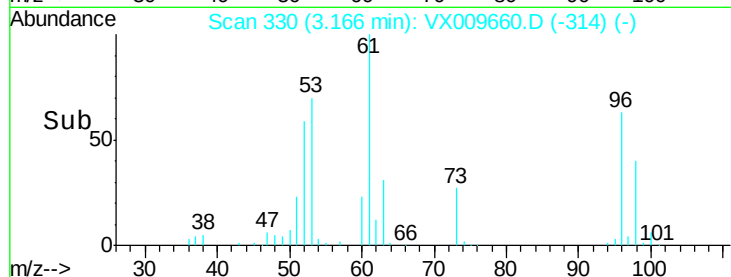
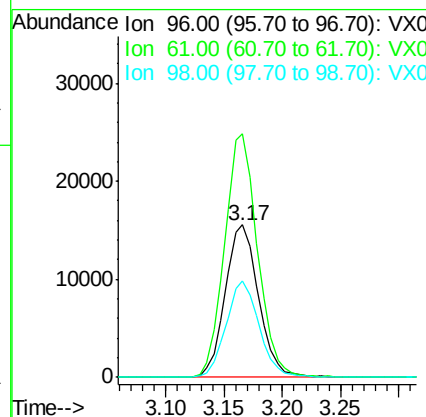
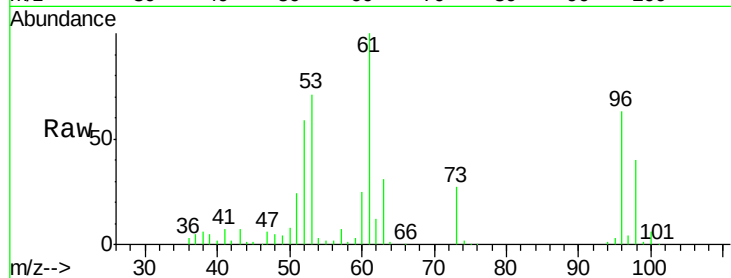
98 63.5 49.5 74.3

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5/20/2019 11:16:51 AM



#20

Diisopropyl ether

Concen: 19.226 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion: 45 Resp: 142824

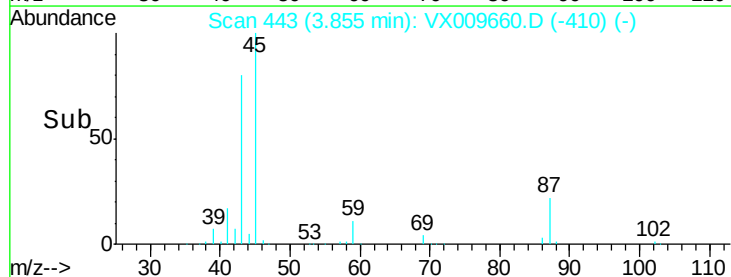
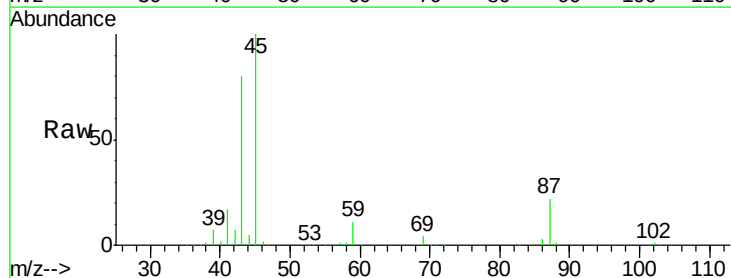
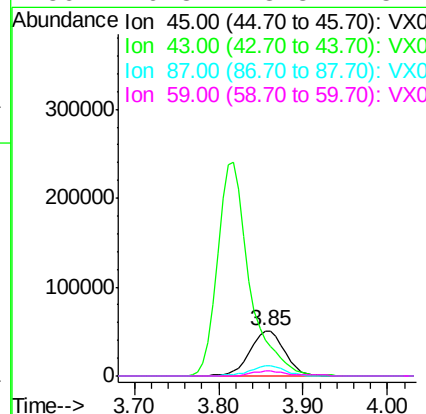
Ion Ratio Lower Upper

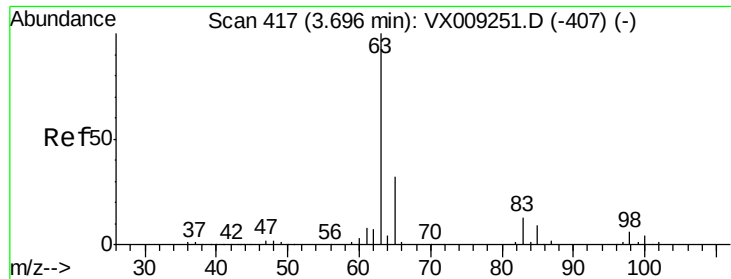
45 100

43 78.9 57.7 86.5

87 22.4 18.5 27.7

59 10.8 8.8 13.2





#21

1,1-Dichloroethane

Concen: 18.879 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

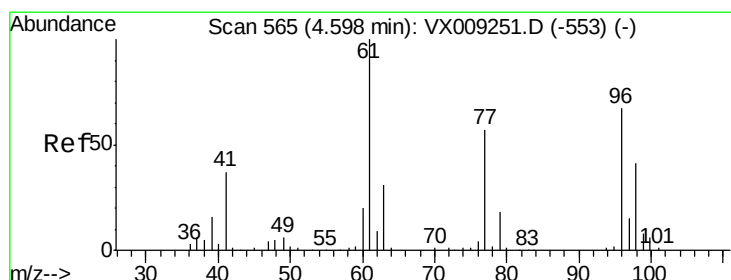
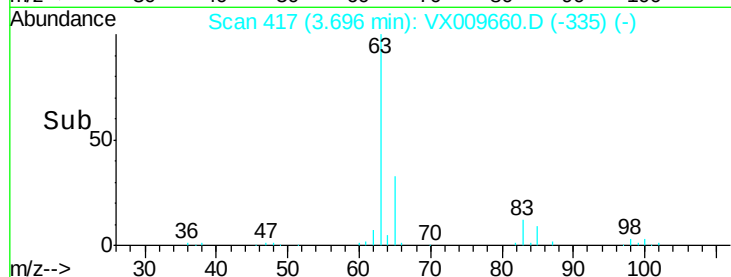
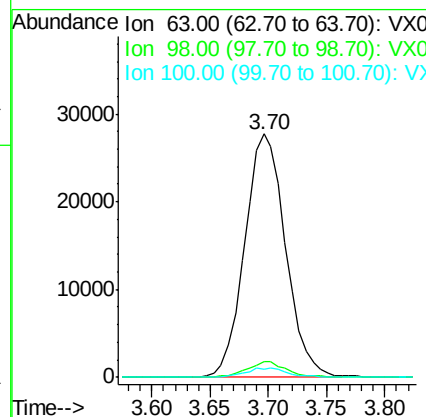
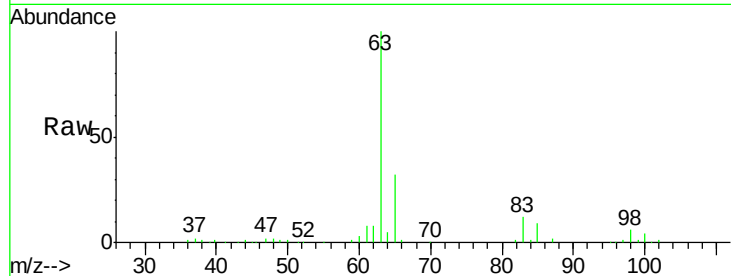
ClientSampled :

VX0517WBSD01

Tot Ion:	63	Resp:	67869
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.1	9.3
100	3.5	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 18.728 ug/l

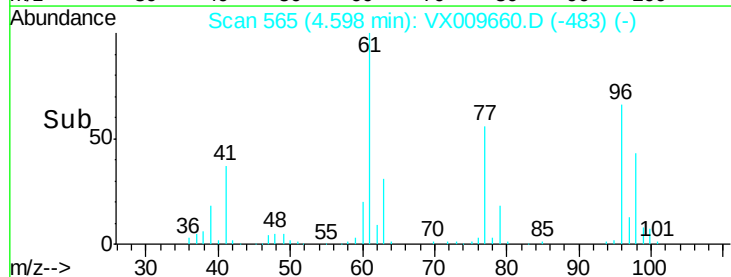
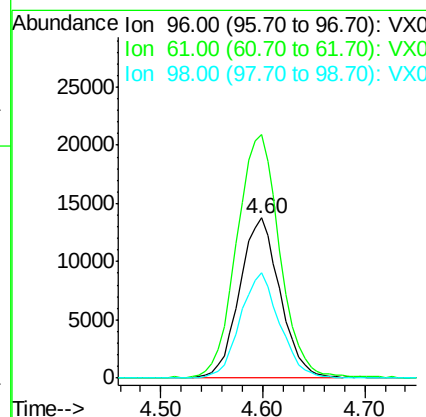
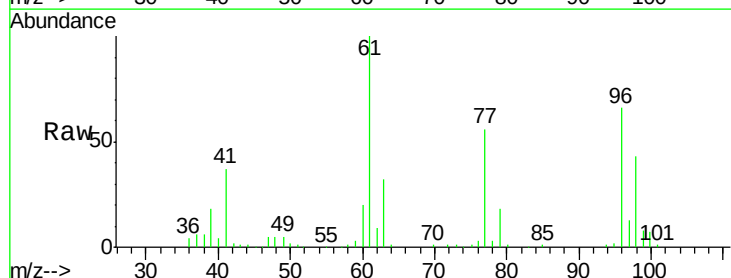
RT: 4.60 min Scan# 565

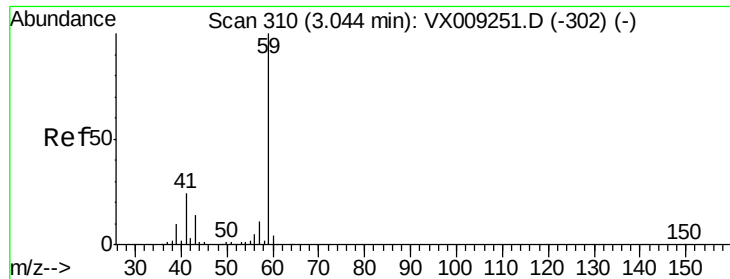
Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	96	Resp:	37792
Ion Ratio	Lower	Upper	
96	100		
61	162.4	127.7	191.5
98	64.4	50.5	75.7





#23

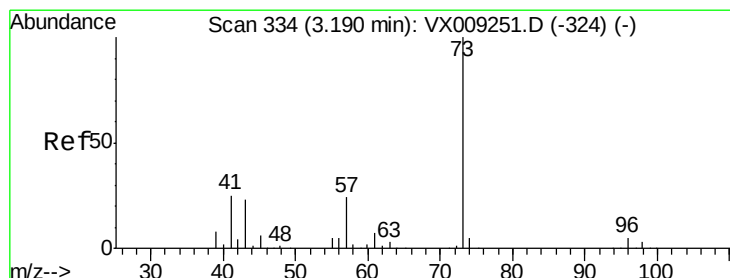
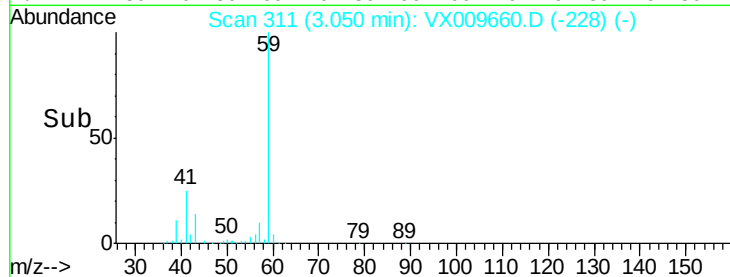
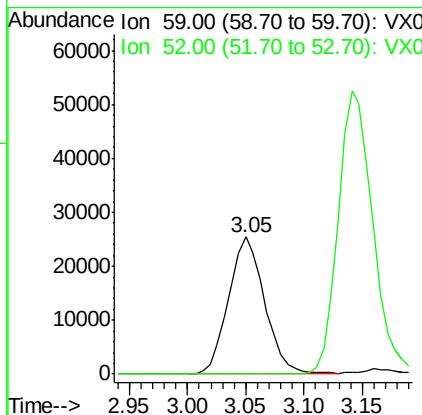
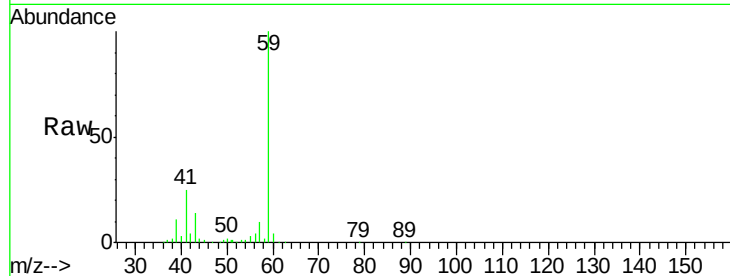
tert-Butyl Alcohol
Concen: 101.429 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.2	0.2#

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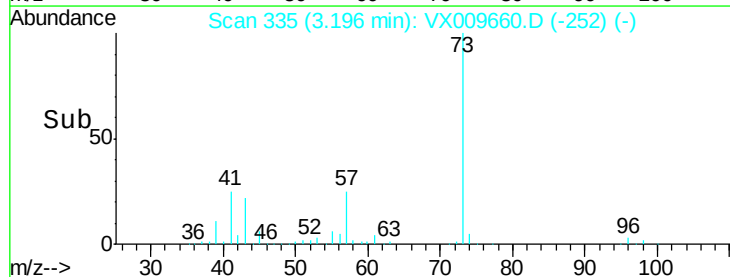
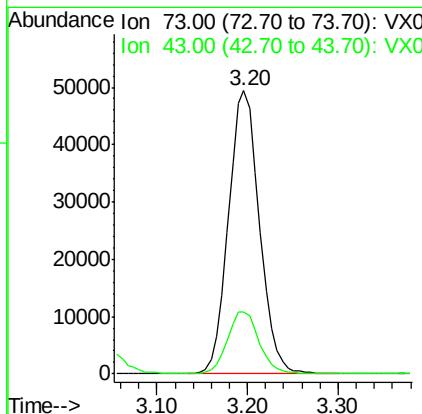
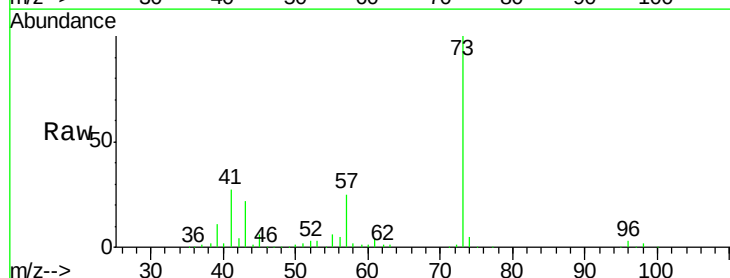
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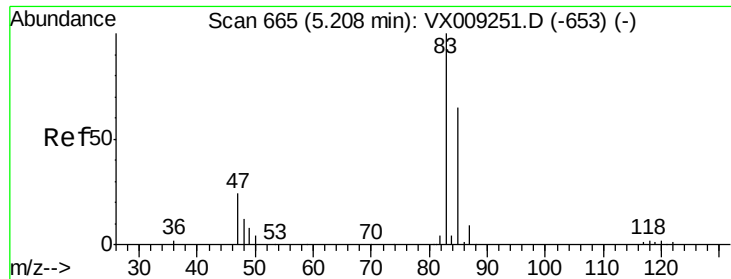


#24

Methyl tert-Butyl Ether
Concen: 19.023 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.6	26.4





#25

Chloroform

Concen: 19.224 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 83 Resp: 63067

Ion Ratio Lower Upper

83 100

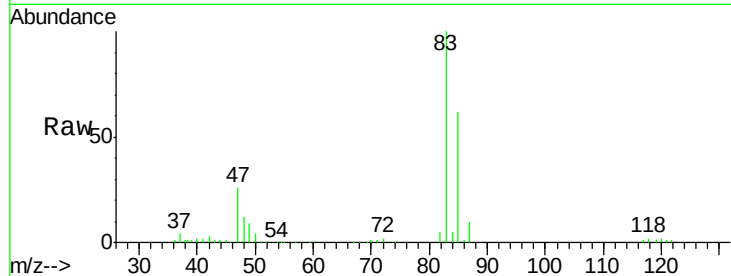
85 61.5 51.9 77.9

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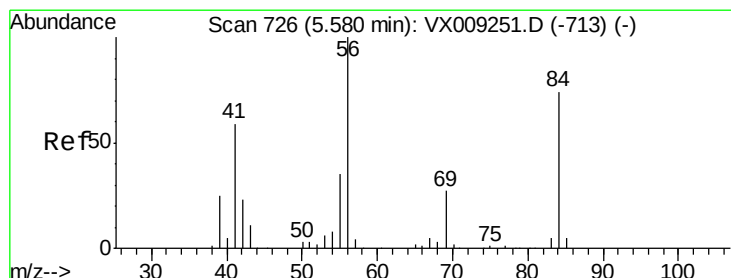
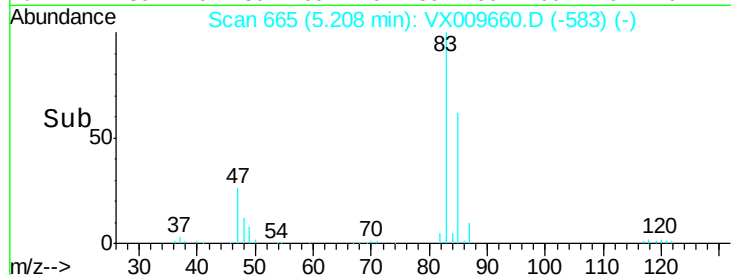
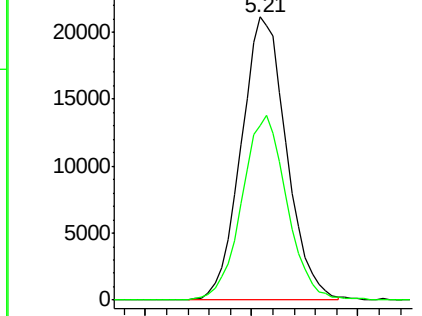
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.372 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

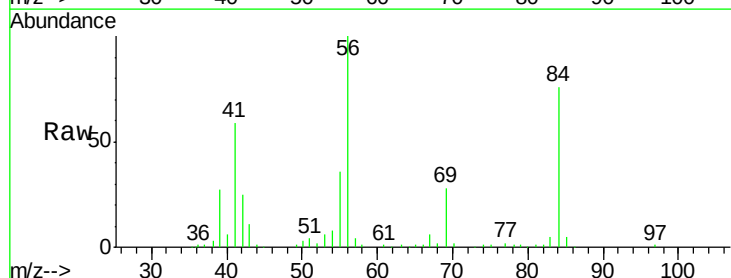
Tgt Ion: 56 Resp: 61555

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

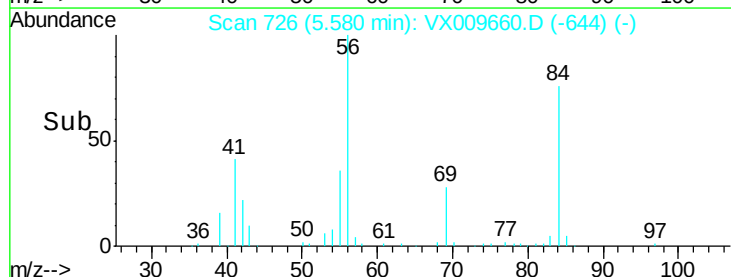
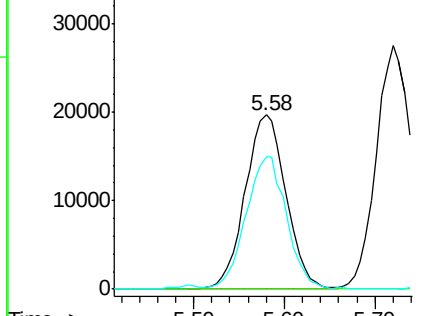
84 75.2 59.7 89.5

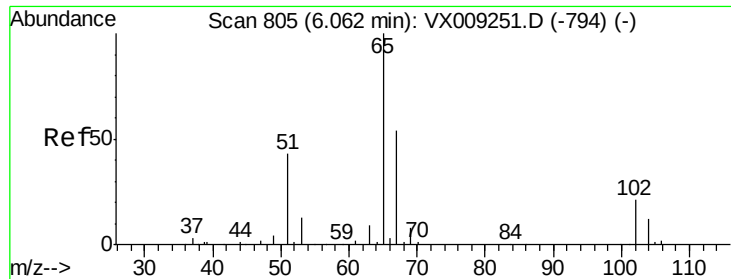


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

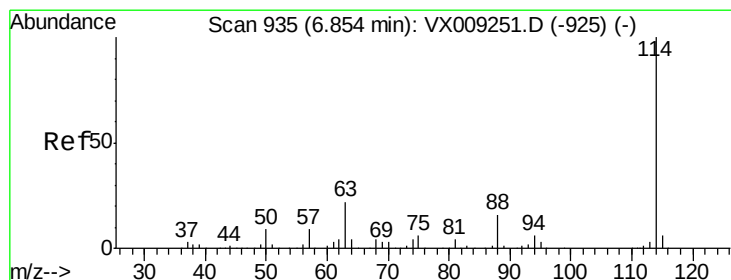
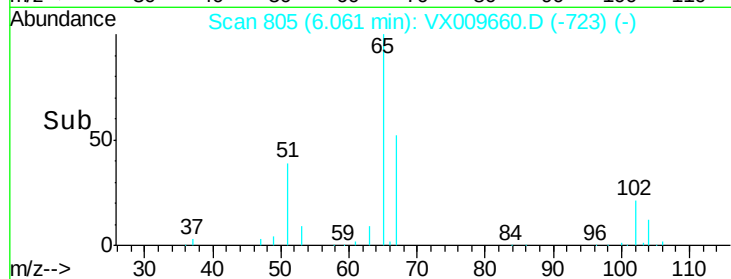
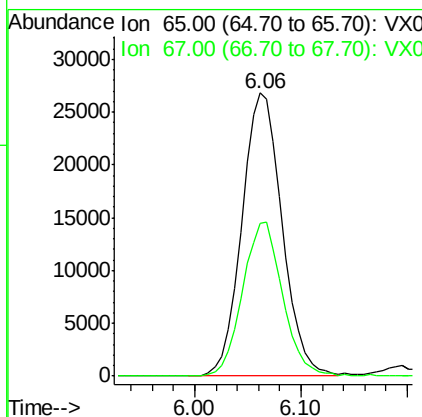
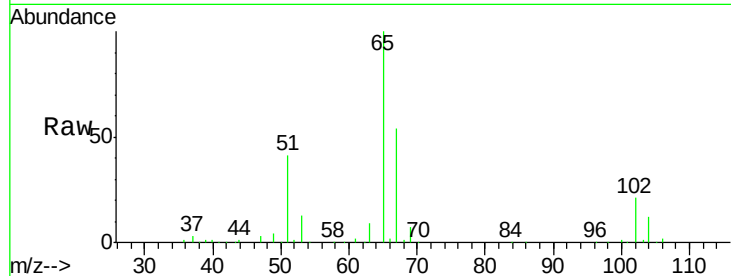
1,2-Dichloroethane-d4
Concen: 29.800 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	43.1	64.7

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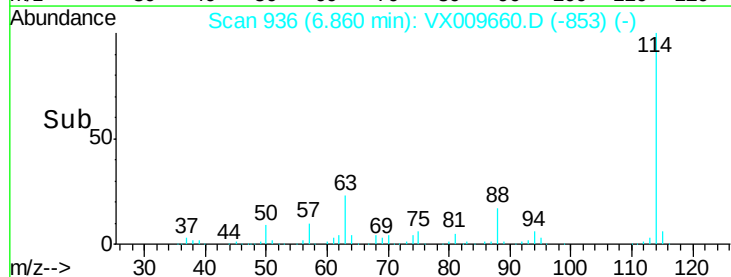
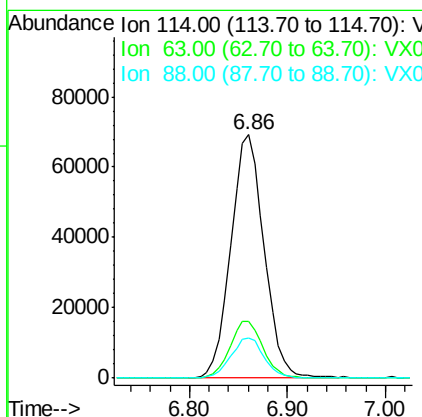
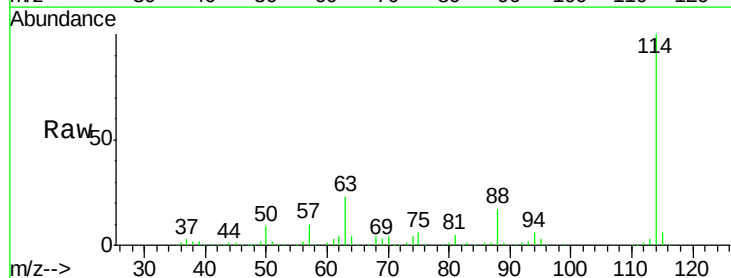
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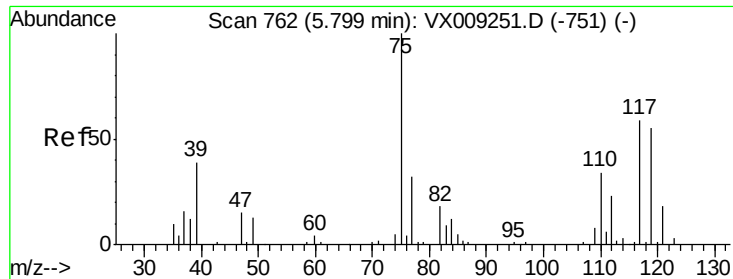


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 935
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.4	18.0	27.0
88	16.5	13.4	20.0





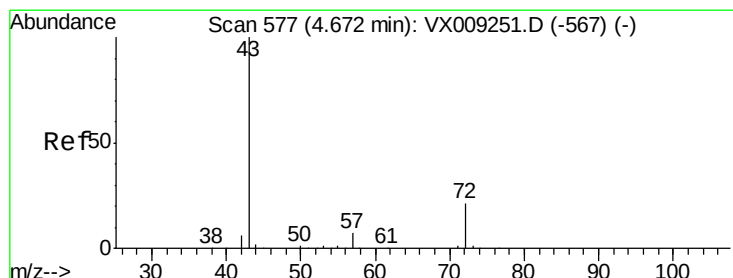
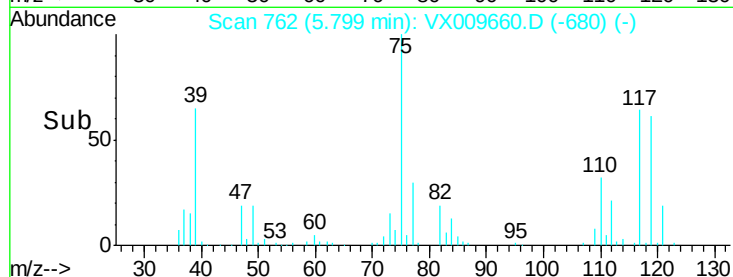
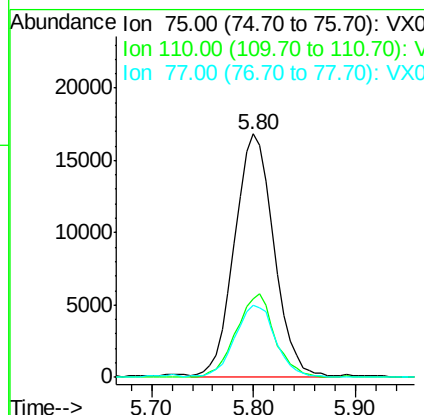
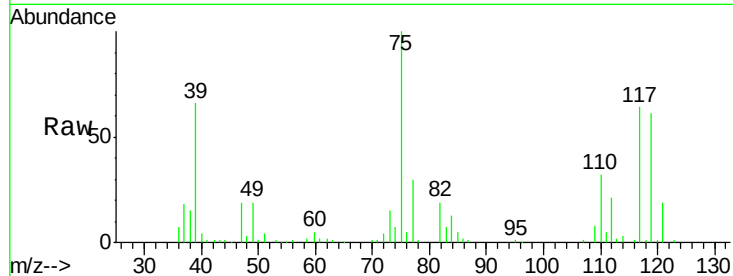
#29
 1,1-Dichloropropene
 Concen: 18.984 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	66.4
77	30.3	0.0	62.2

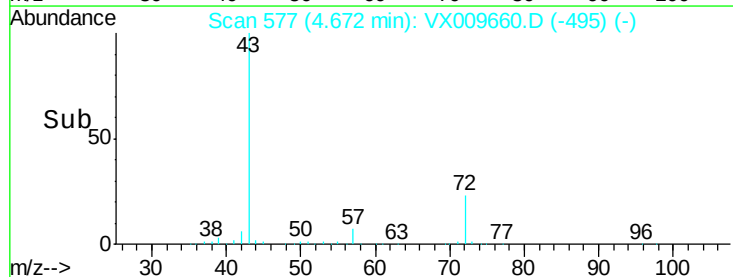
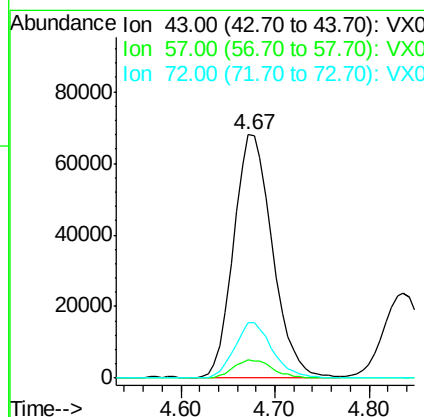
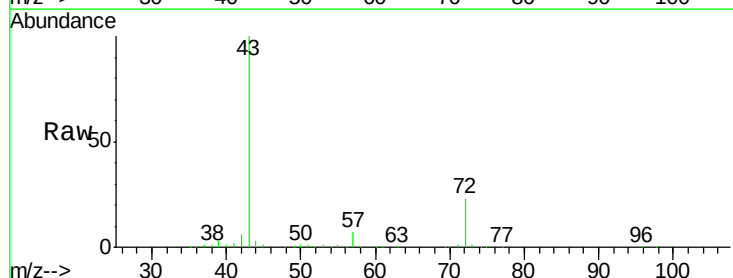
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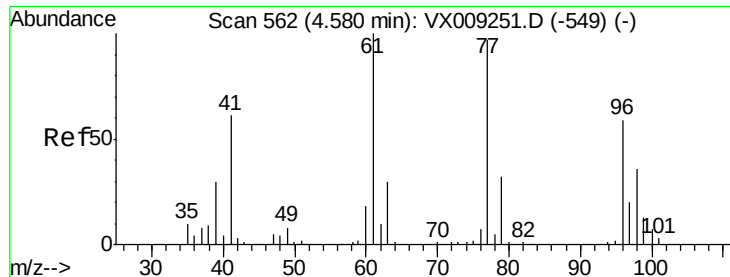
MMDadoda
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#30
 2-Butanone
 Concen: 104.146 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.0	9.0
72	22.1	18.2	27.4





#31

2,2-Dichloropropane

Concen: 18.191 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampled :

VX0517WBSD01

Tot Ion: 77 Resp: 47983

Ion Ratio Lower Upper

77 100

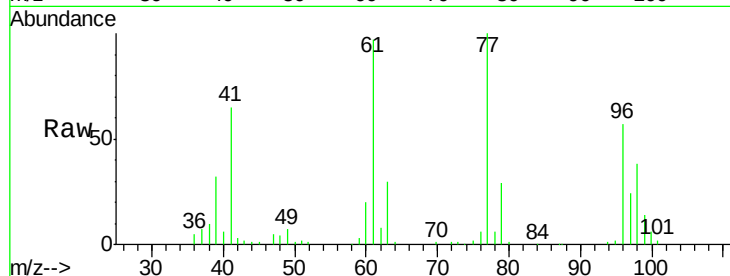
97 23.1 18.3 27.5

Manual Integrations

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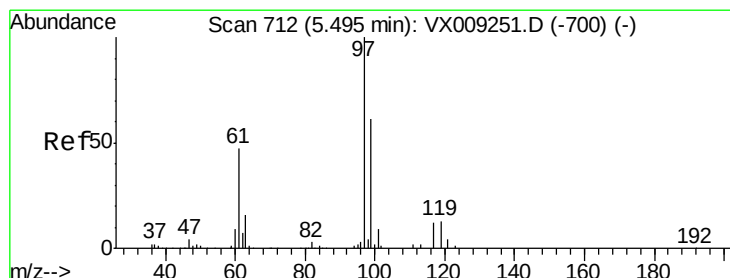
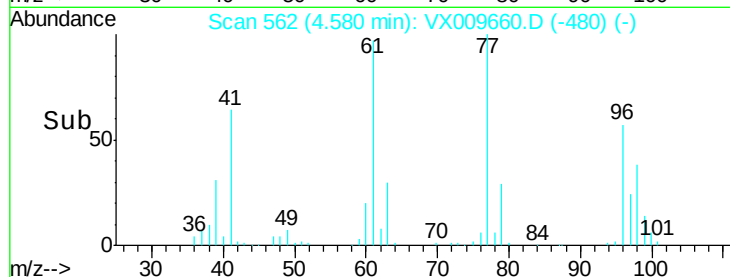
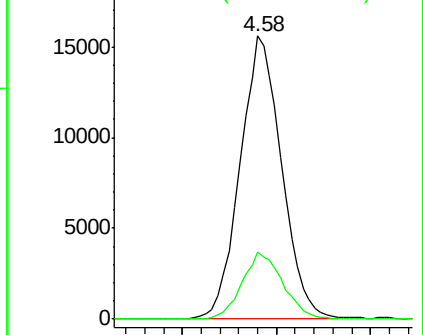
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.678 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

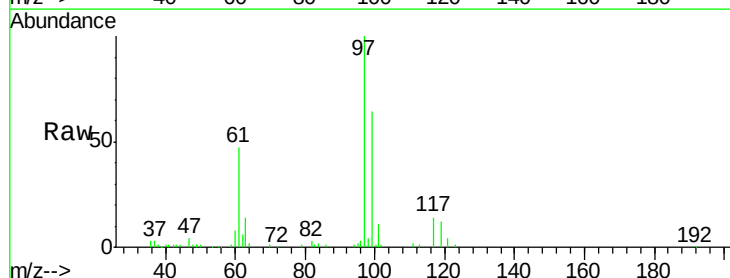
Tgt Ion: 97 Resp: 51042

Ion Ratio Lower Upper

97 100

99 63.0 53.9 80.9

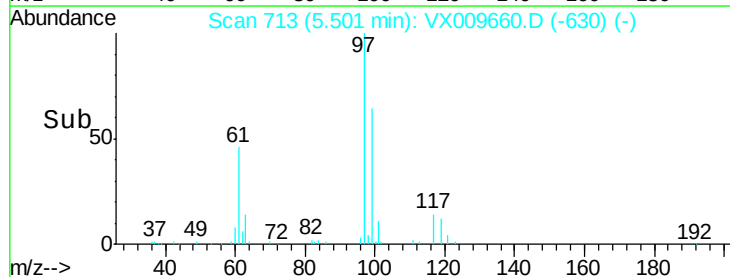
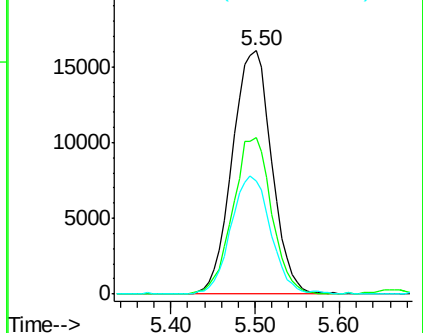
61 48.4 38.6 58.0

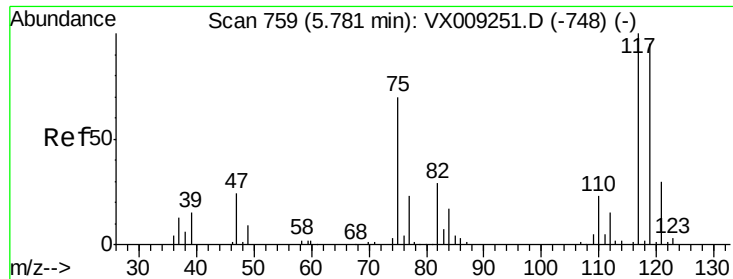


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.952 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

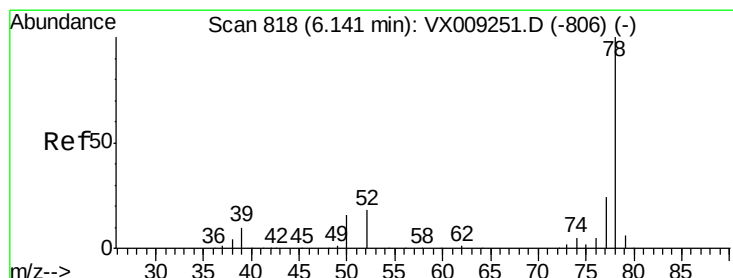
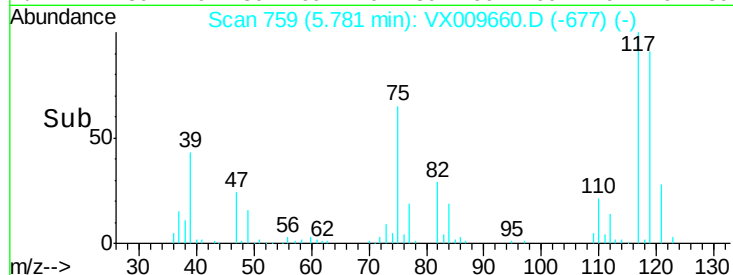
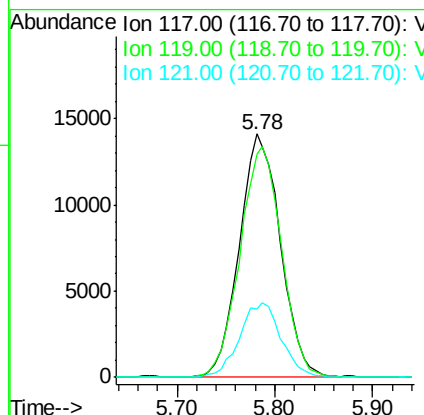
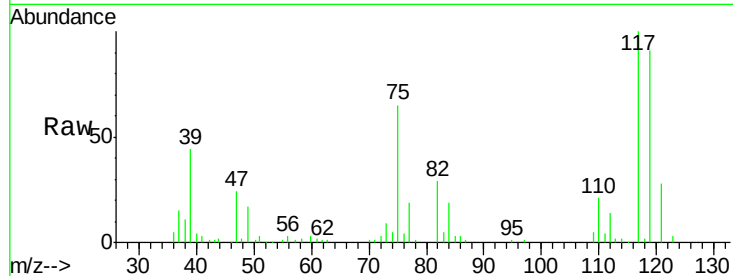
ClientSampleId :

VX0517WBSD01

Tot Ion:117 Resp: 41129
 Ion Ratio Lower Upper
 117 100
 119 91.5 76.1 114.1
 121 28.2 24.4 36.6

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#34

Benzene

Concen: 19.732 ug/l

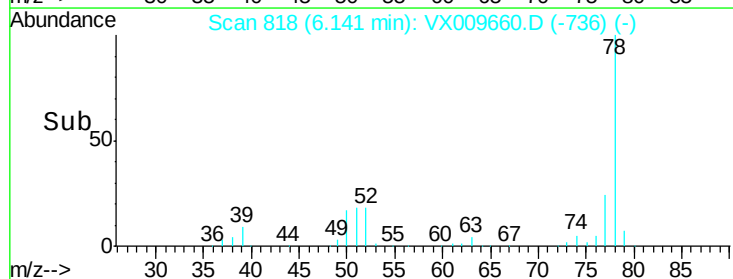
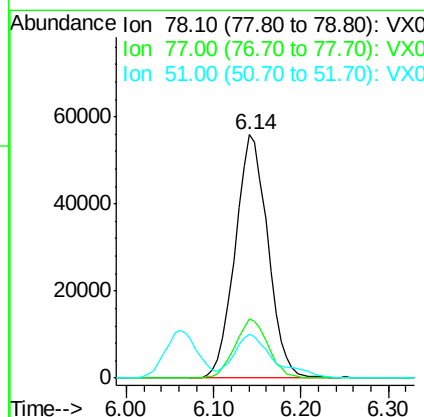
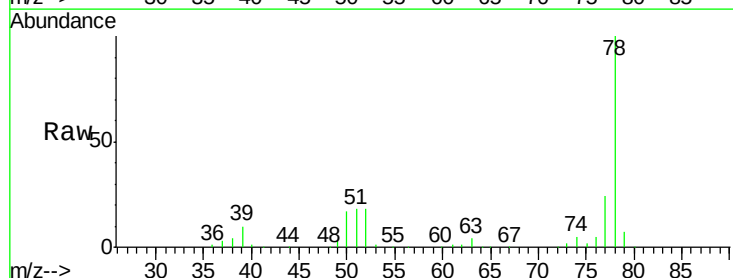
RT: 6.14 min Scan# 818

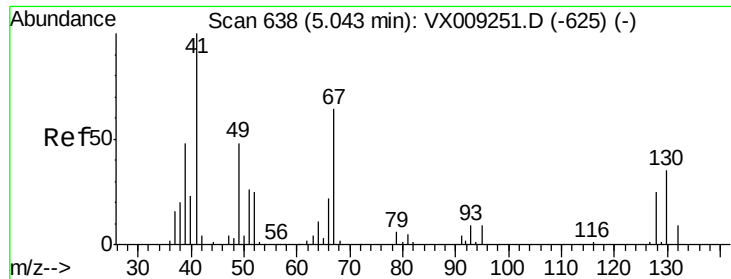
Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion: 78 Resp: 145551
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.8 28.2
 51 17.6 13.5 20.3





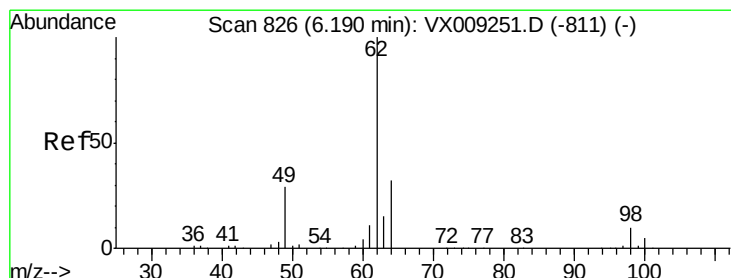
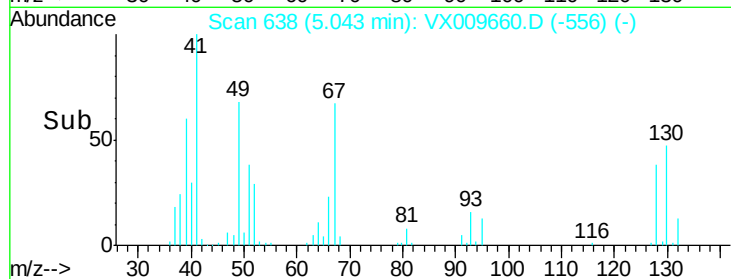
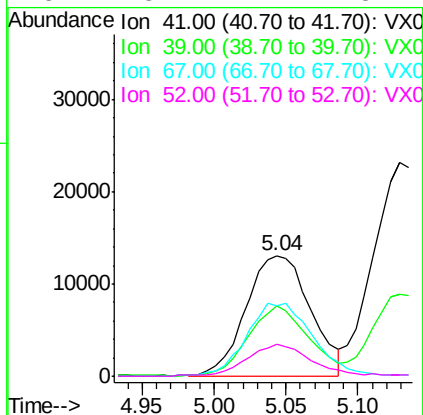
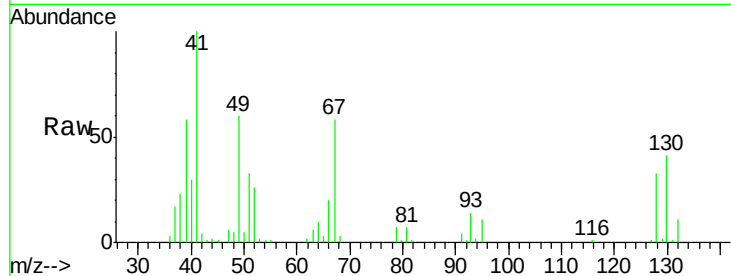
#35
Methacrylonitrile
Concen: 20.654 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	41	Resp:	40492
Ion	Ratio	Lower	Upper
41	100		
39	57.9	24.1	72.3
67	58.1	32.2	96.6
52	25.4	12.4	37.4

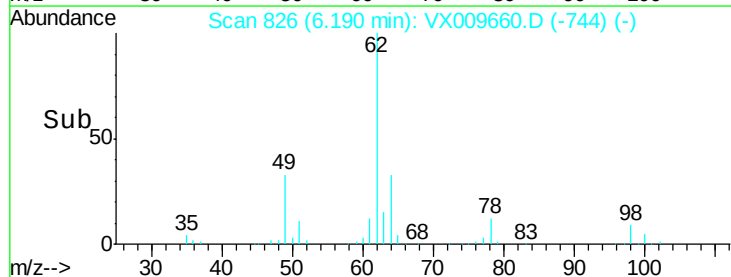
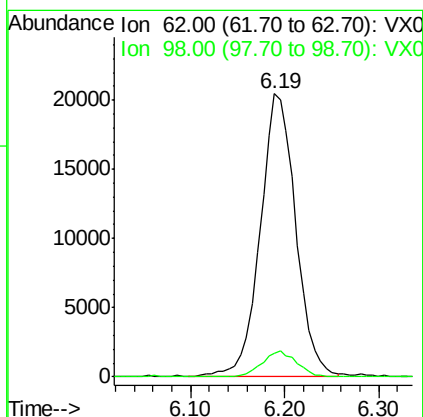
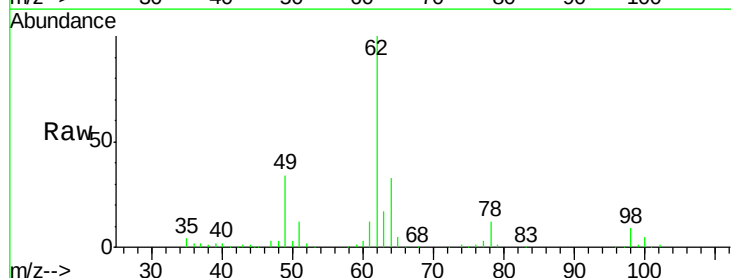
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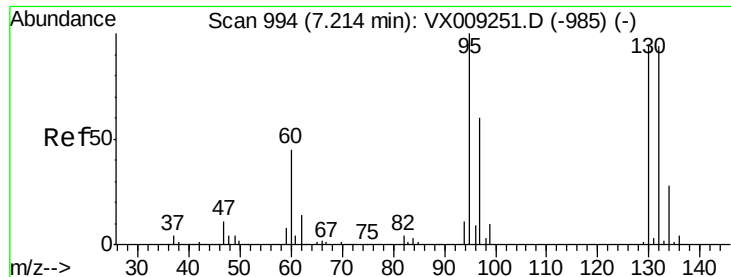
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#36
1,2-Dichloroethane
Concen: 20.209 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	62	Resp:	54091
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.4	11.2





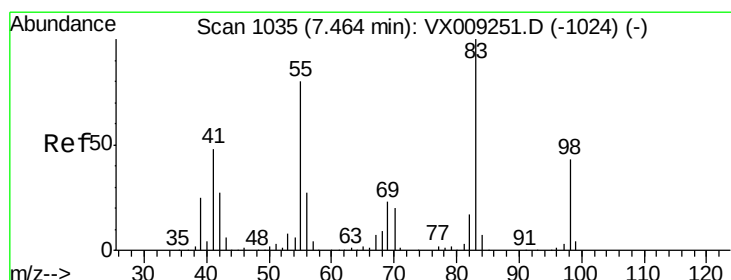
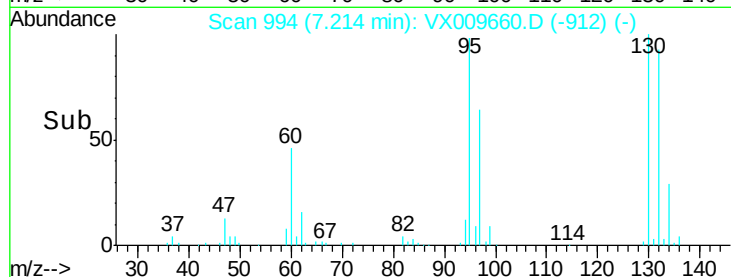
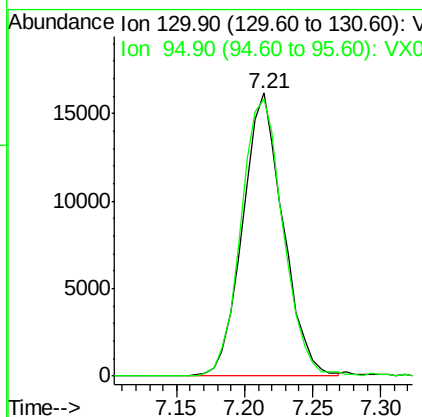
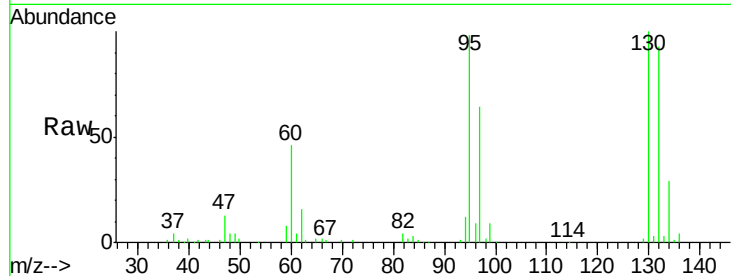
#37
 Trichloroethene
 Concen: 18.970 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0517WBSD01

Tot Ion:130 Resp: 33685
 Ion Ratio Lower Upper
 130 100
 95 98.0 85.0 127.4

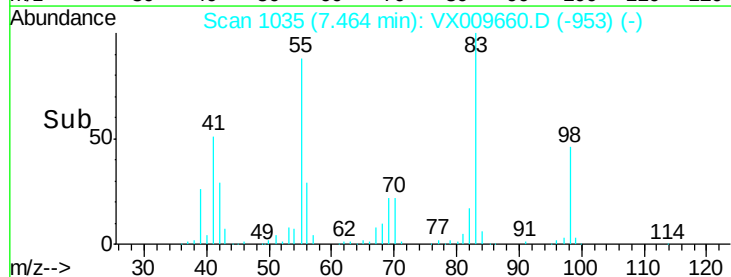
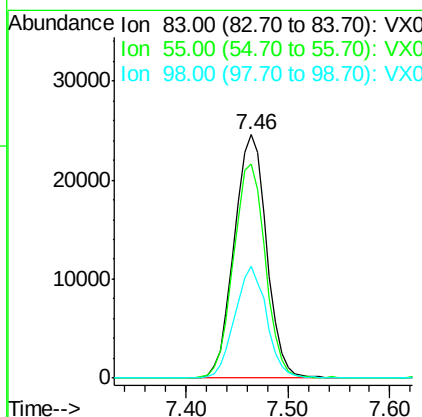
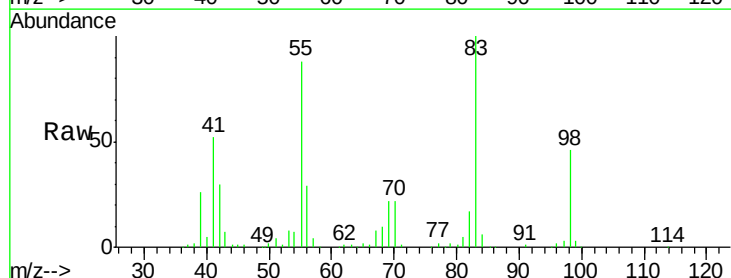
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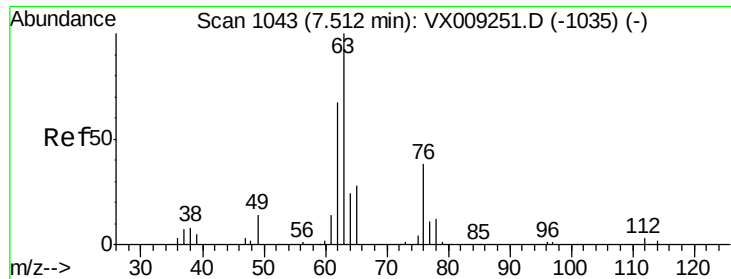
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#38
 Methylcyclohexane
 Concen: 18.348 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion: 83 Resp: 54239
 Ion Ratio Lower Upper
 83 100
 55 86.4 43.0 129.2
 98 44.8 22.1 66.1





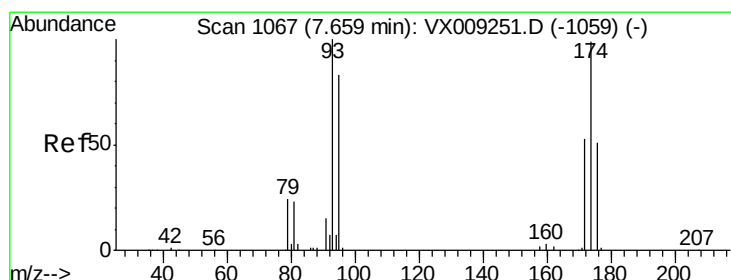
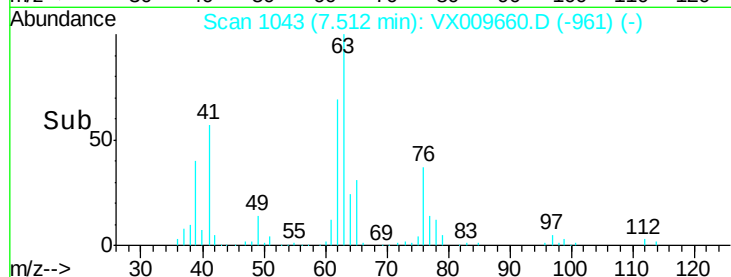
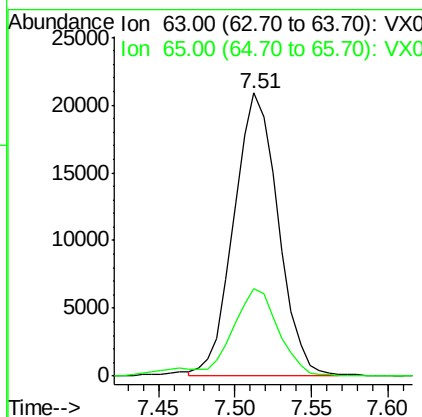
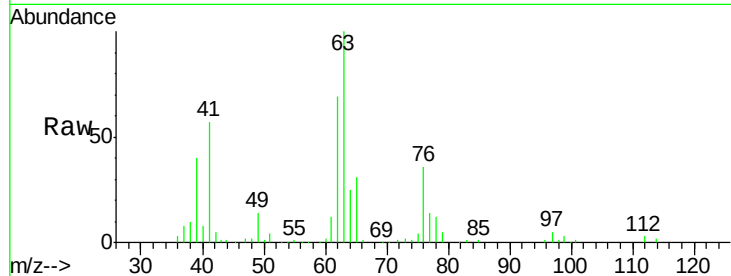
#39
 1,2-Dichloropropane
 Concen: 20.068 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion: 63 Resp: 42156
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.0 36.0

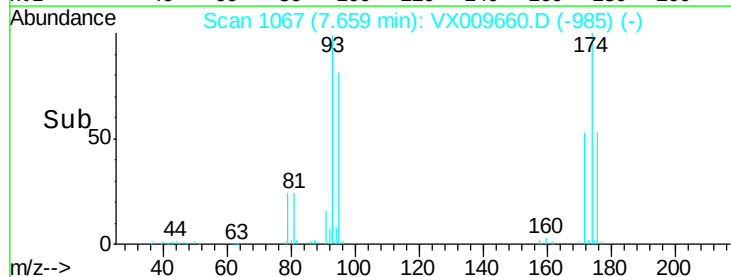
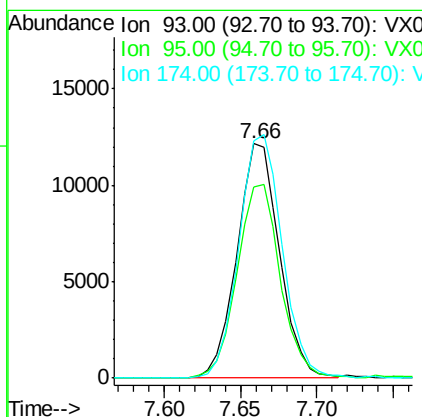
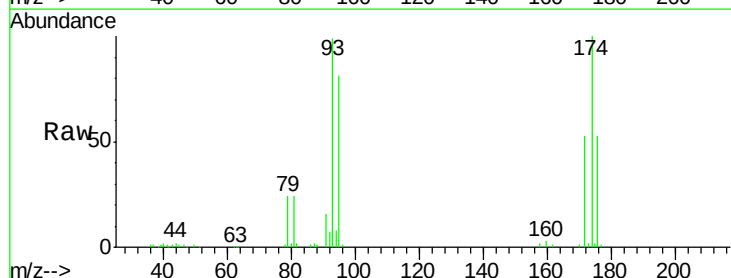
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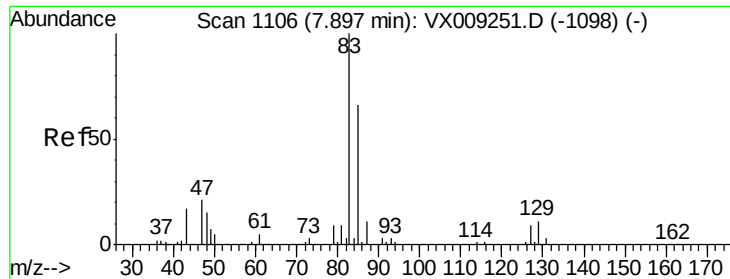
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#40
 Dibromomethane
 Concen: 19.732 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion: 93 Resp: 23525
 Ion Ratio Lower Upper
 93 100
 95 84.3 0.0 167.2
 174 105.7 0.0 203.4





#41

Bromodichloromethane

Concen: 19.113 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

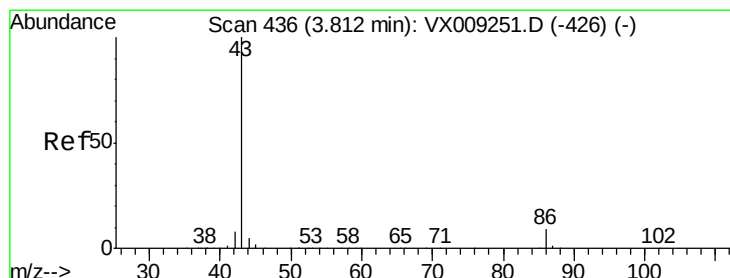
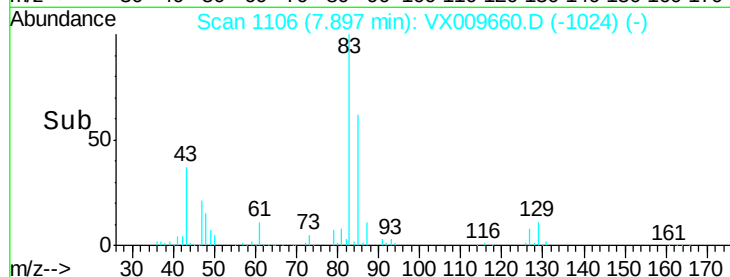
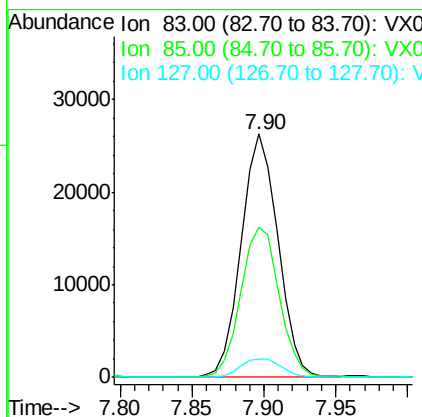
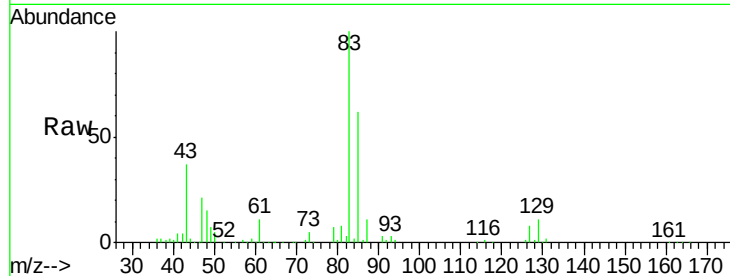
ClientSampleId :

VX0517WBSD01

Tot Ion:	83	Resp:	46547
Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.6	79.0
127	7.6	6.9	10.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 101.471 ug/l

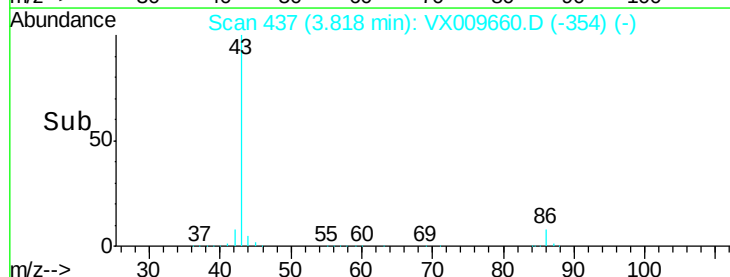
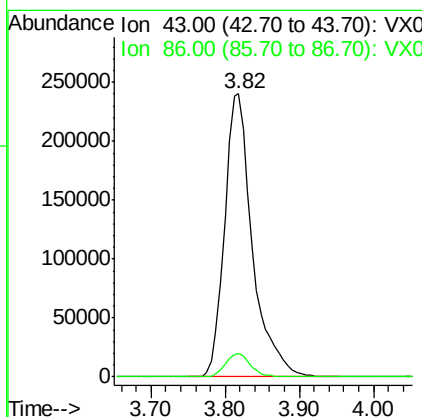
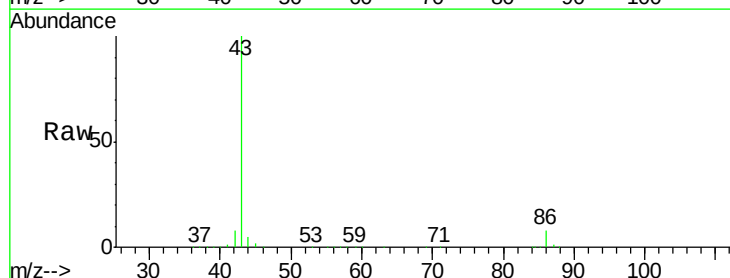
RT: 3.82 min Scan# 437

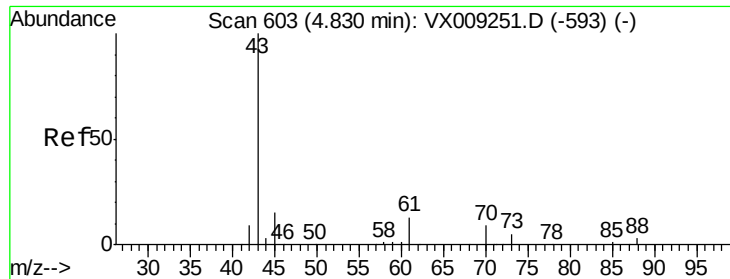
Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	43	Resp:	627536
Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0





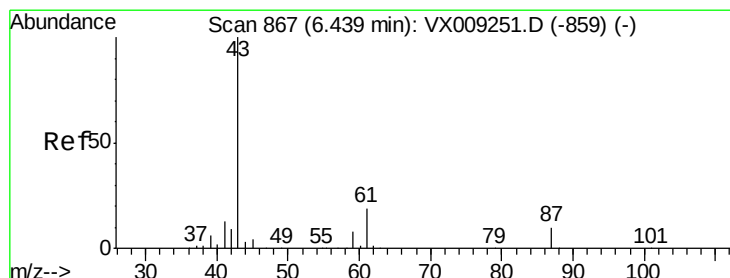
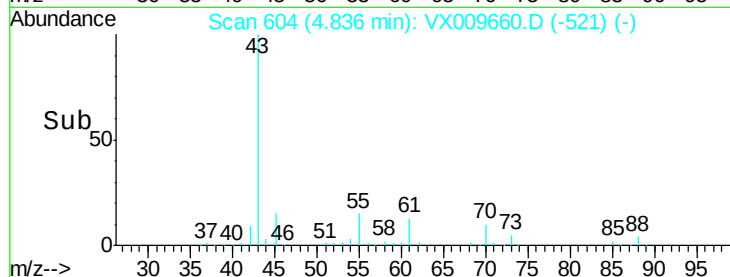
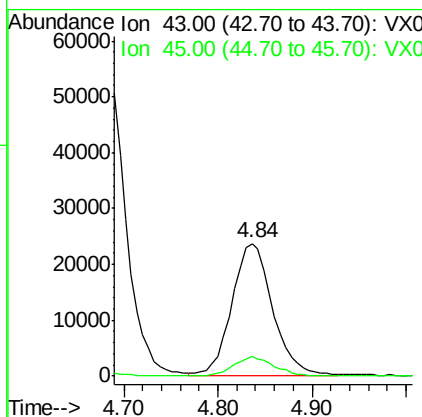
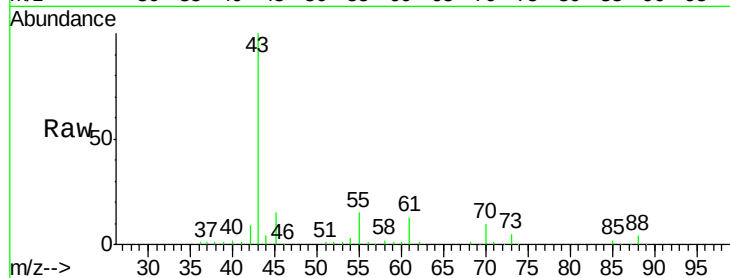
#43
Ethyl Acetate
Concen: 21.230 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion: 43 Resp: 71883
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8

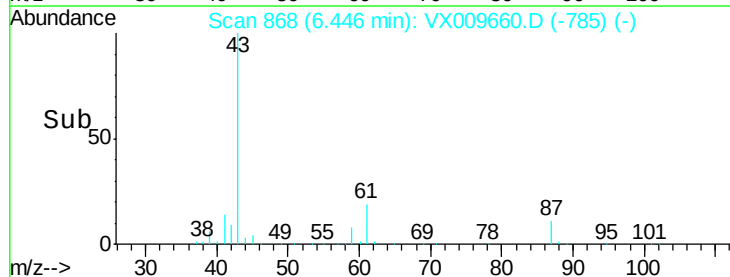
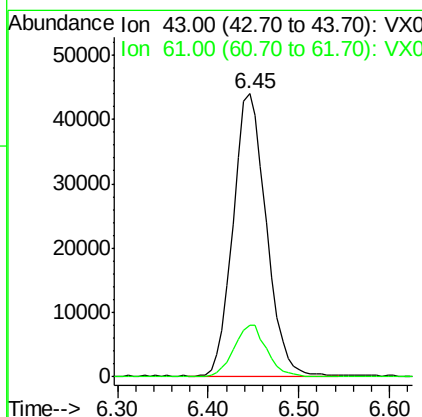
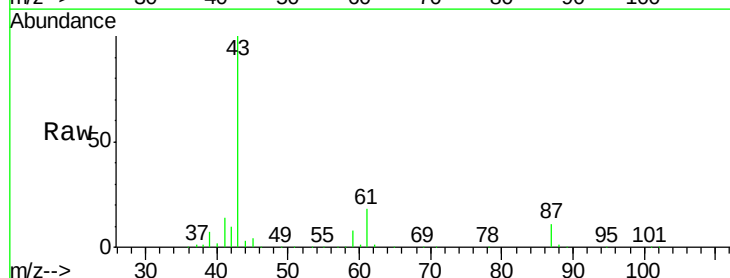
Manual Integrations
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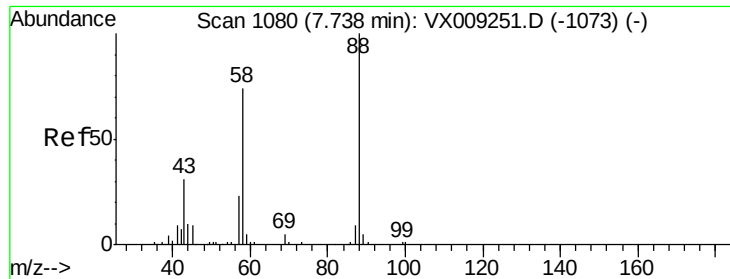
MMDadoda
5/20/2019 11:16:51 AM



#44
Isopropyl Acetate
Concen: 20.360 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion: 43 Resp: 111677
Ion Ratio Lower Upper
43 100
61 18.2 15.4 23.2





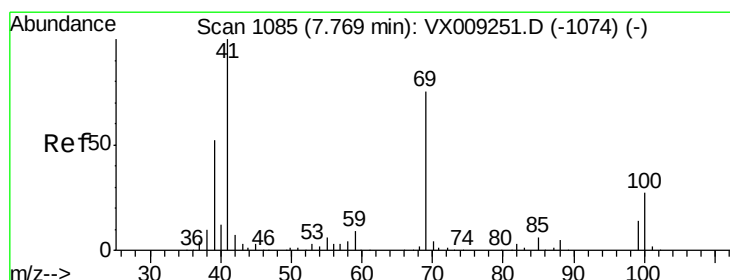
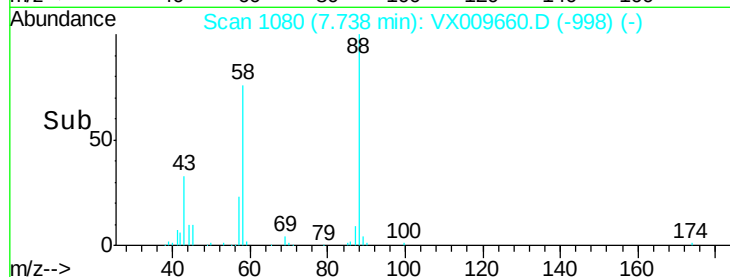
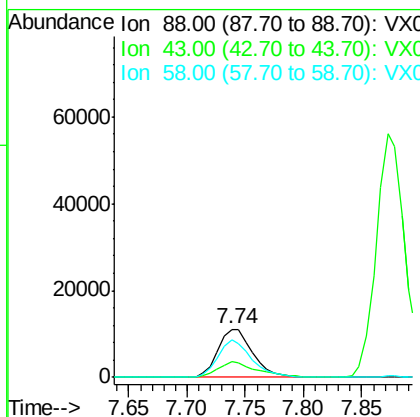
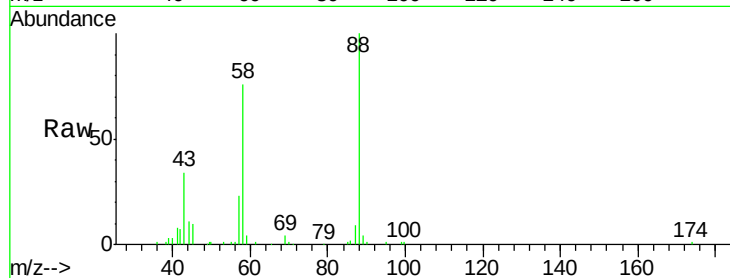
#45
 1,4-Dioxane
 Concen: 422.055 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.5	42.7
58	75.6	62.5	93.7

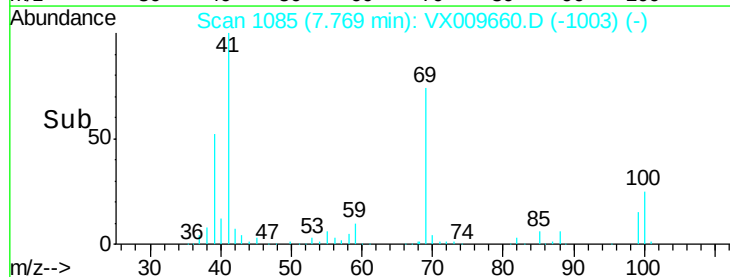
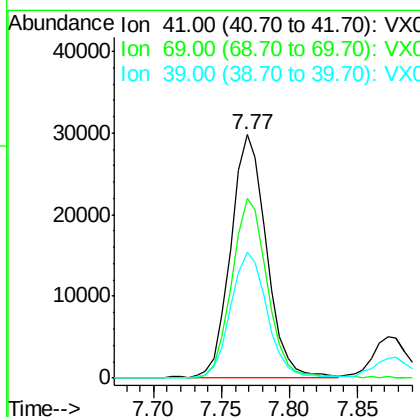
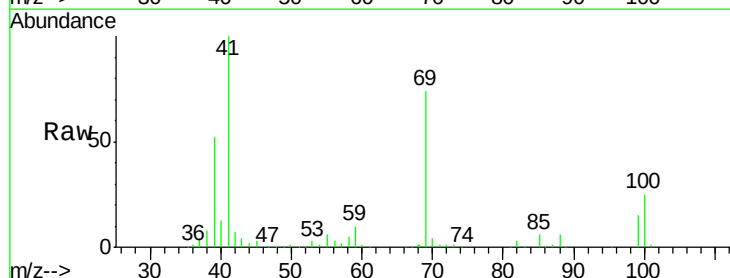
Manual Integrations
 APPROVED

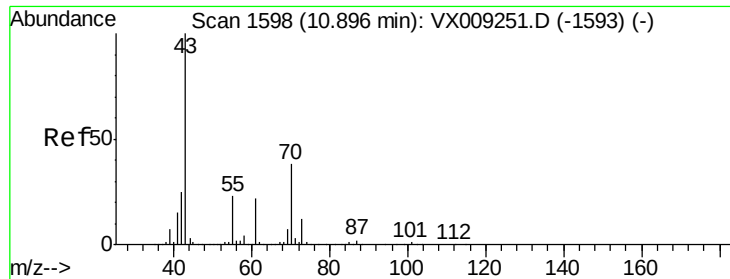
MMDadoda
 5/20/2019 11:16:51 AM



#46
 Methyl methacrylate
 Concen: 19.752 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.8	37.6	112.8
39	51.7	25.8	77.3





#47

n-amvl Acetate

Concen: 19.821 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 43 Resp: 97941

Ion Ratio Lower Upper

43 100

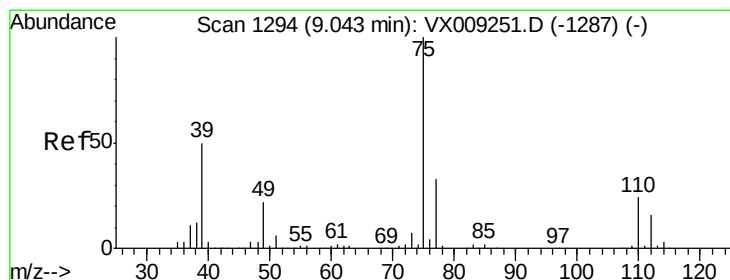
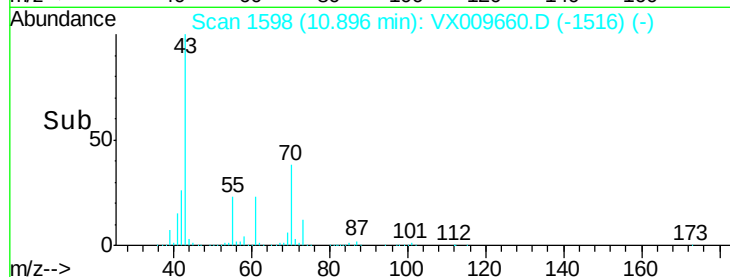
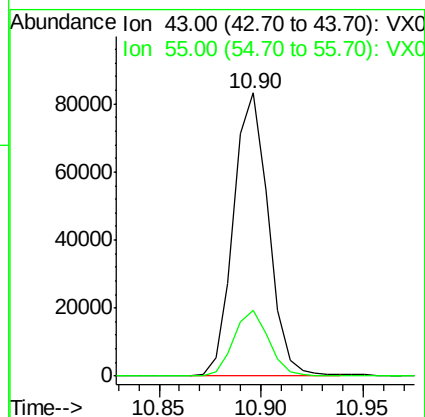
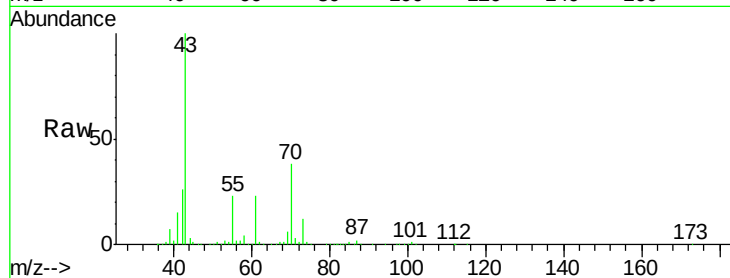
55 23.3 18.2 27.4

Manual Integrations

APPROVED

MMDadoda

5/20/2019 11:16:51 AM



#48

t-1,3-Dichloropropene

Concen: 18.518 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009660.D

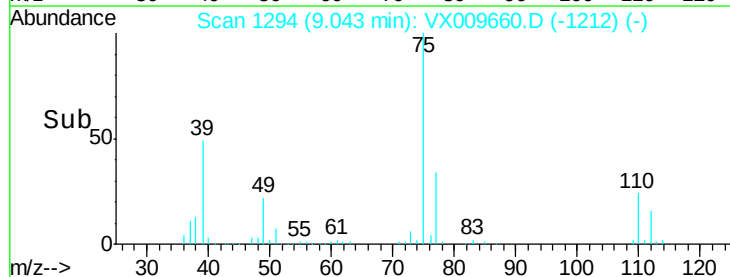
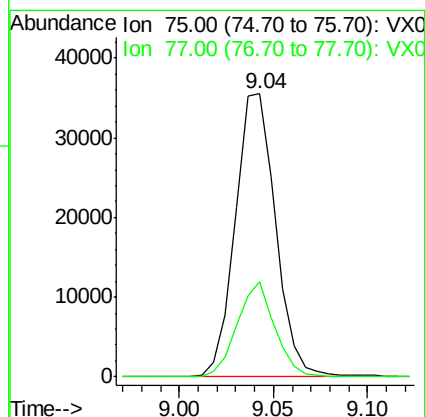
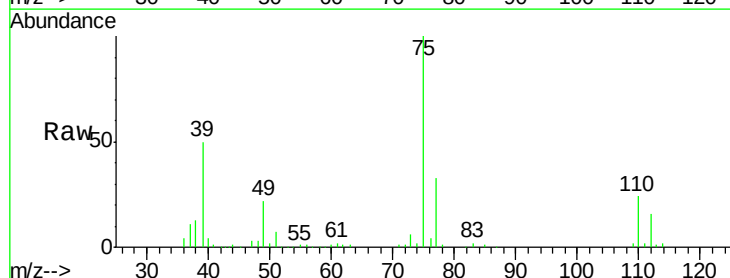
Acq: 17 May 2019 13:56

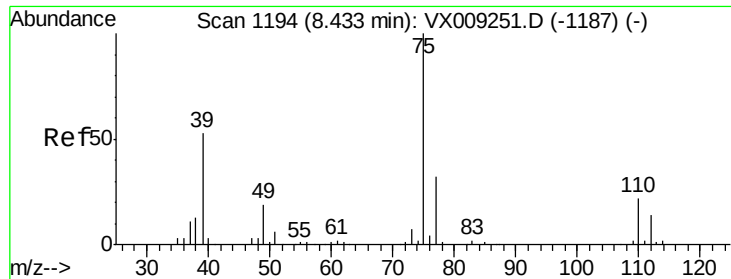
Tgt Ion: 75 Resp: 52618

Ion Ratio Lower Upper

75 100

77 33.5 26.5 39.7





#49

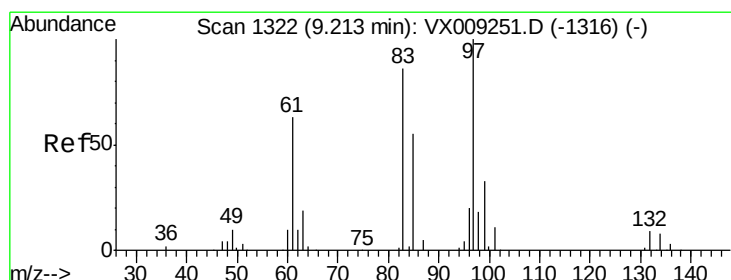
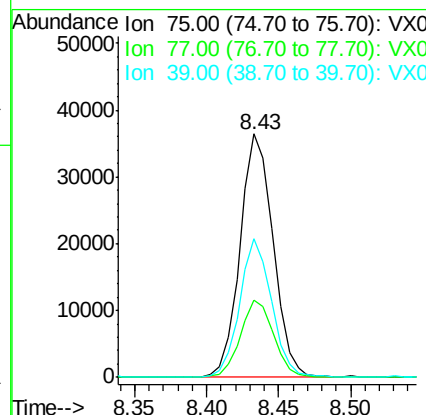
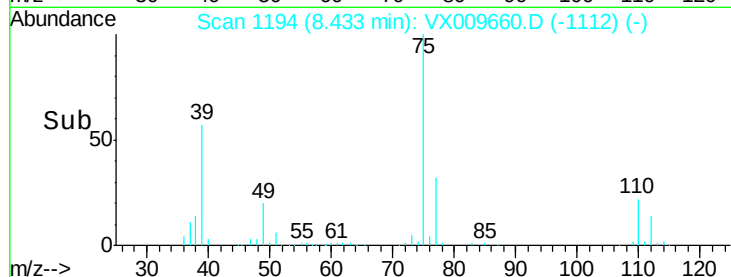
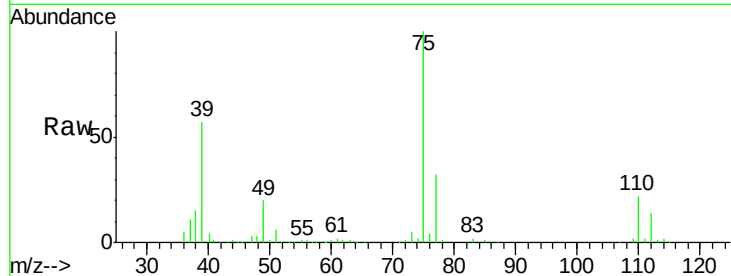
cis-1,3-Dichloropropene
 Concen: 18.723 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.0	39.0
39	56.6	42.6	63.8

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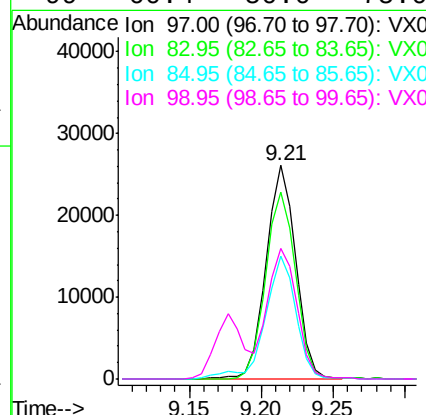
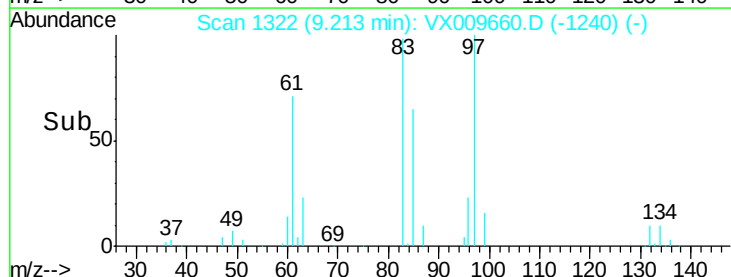
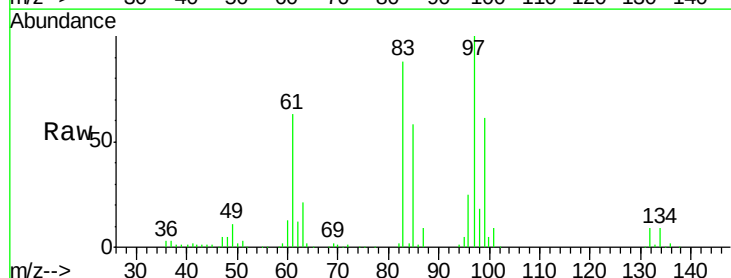
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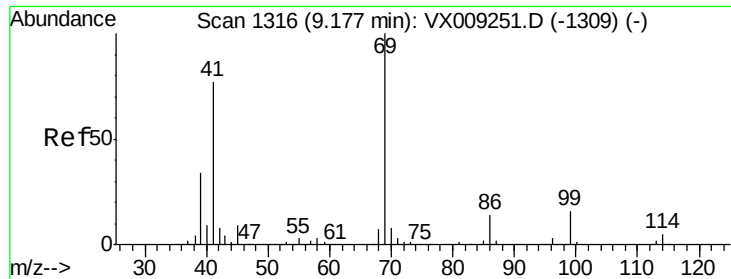


#50

1,1,2-Trichloroethane
 Concen: 20.307 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.8	103.2
85	57.7	45.8	68.6
99	60.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.398 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

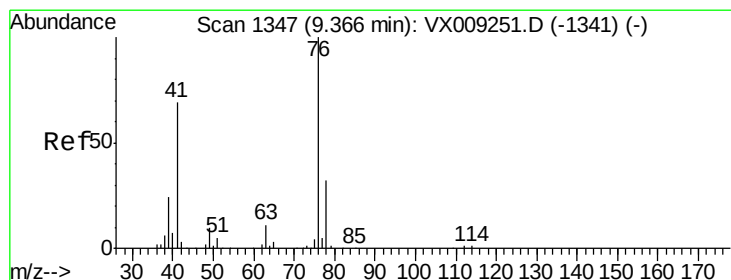
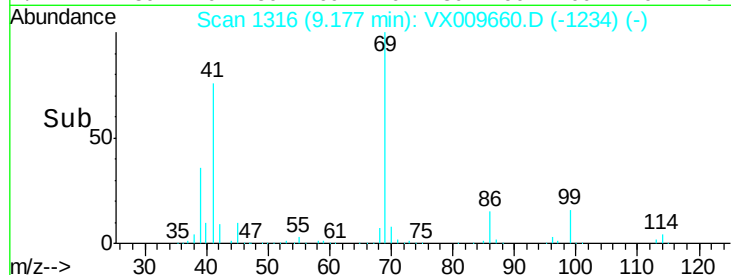
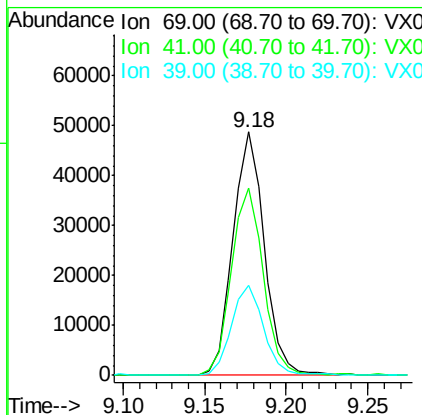
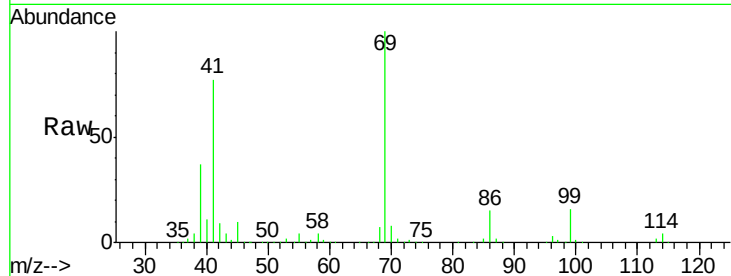
ClientSampleId :

VX0517WBSD01

Tot Ion:	69	Resp:	65477
Ion	Ratio	Lower	Upper
69	100		
41	76.7	38.4	115.2
39	36.7	17.2	51.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.110 ug/l

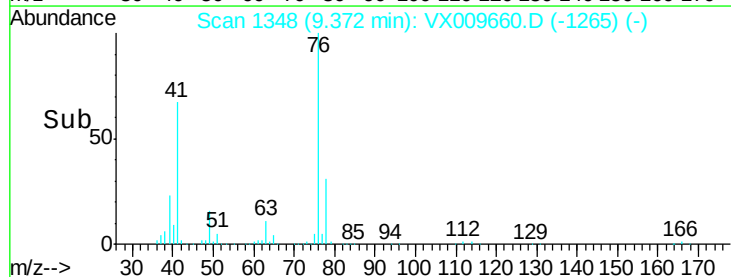
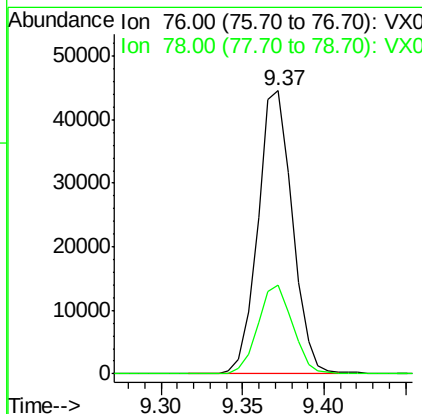
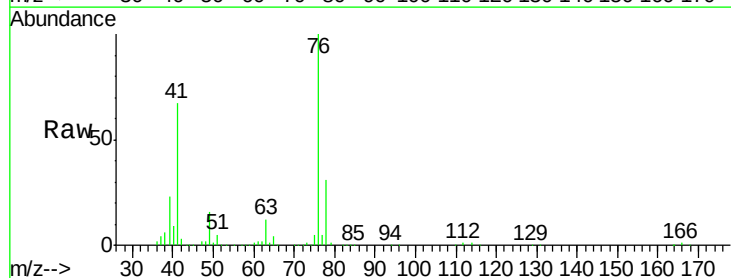
RT: 9.37 min Scan# 1348

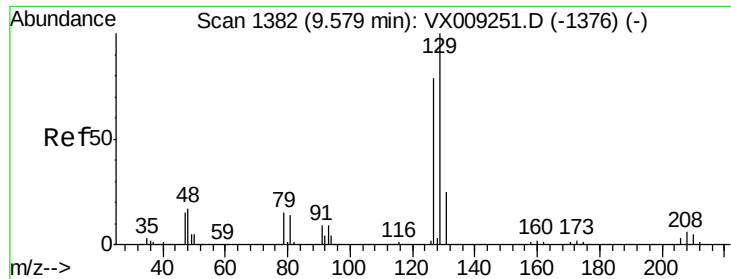
Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	76	Resp:	65193
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	64.2





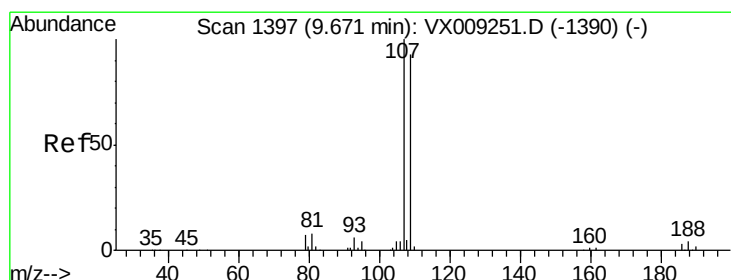
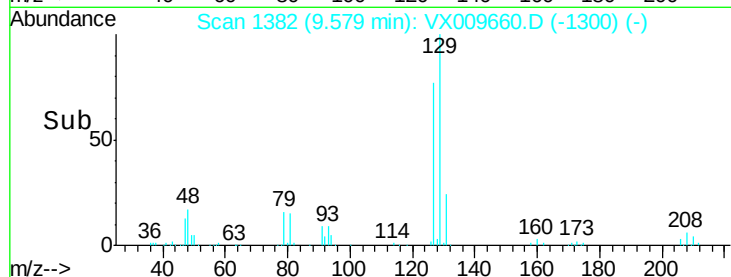
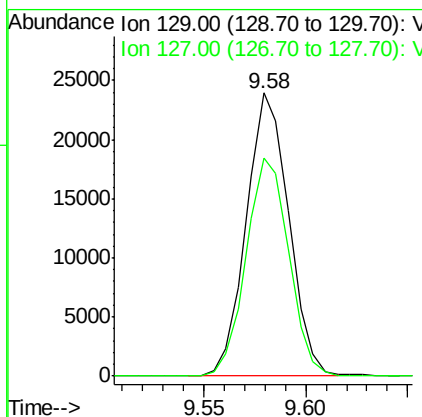
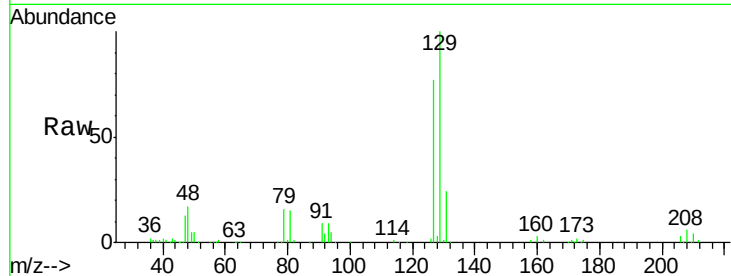
#53
 Dibromochloromethane
 Concen: 19.073 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion:129 Resp: 34697
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.1 117.5

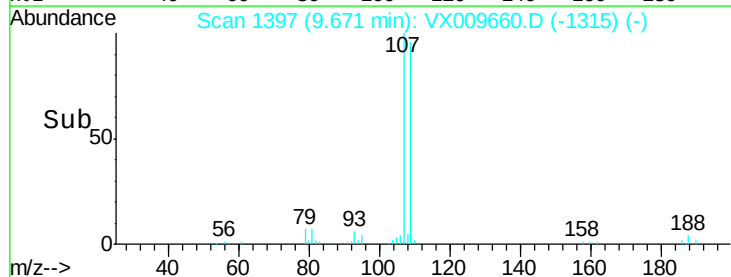
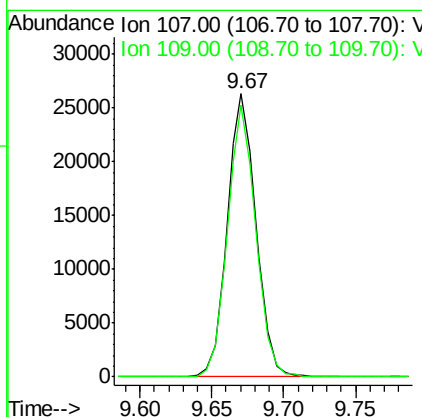
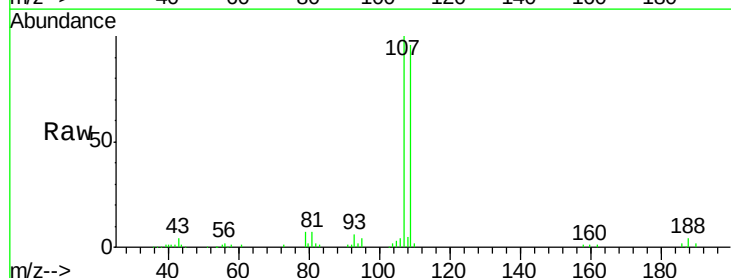
Manual Integrations
 APPROVED

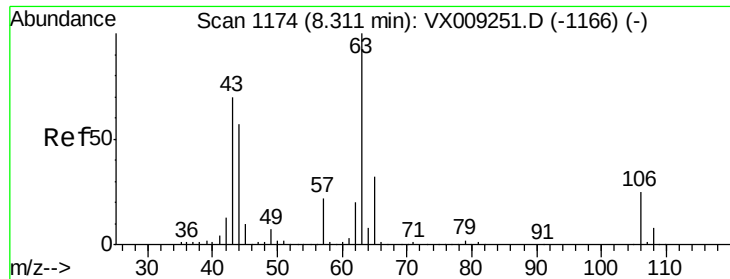
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 5/20/2019 11:16:51 AM



#54
 1,2-Dibromoethane
 Concen: 19.660 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion:107 Resp: 36830
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3





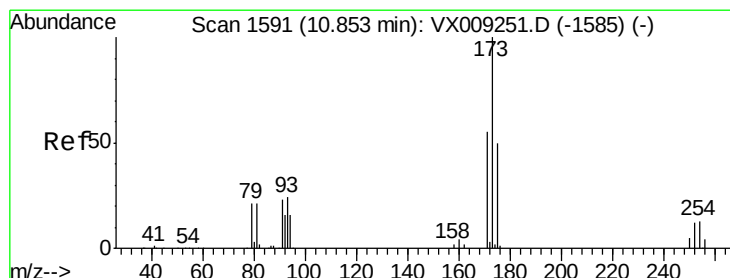
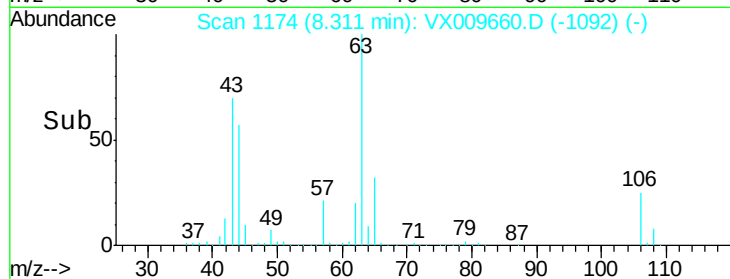
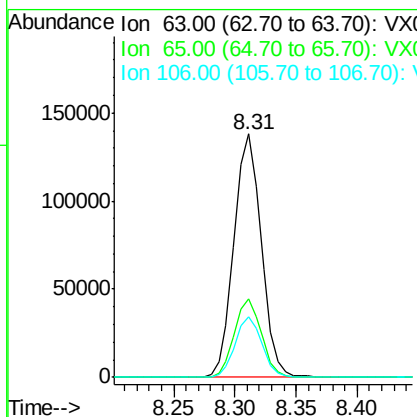
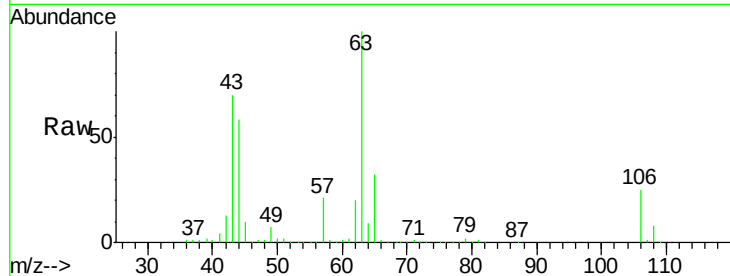
#55
2-Chloroethyl vinyl ether
Concen: 118.771 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.8	38.6
106	24.4	19.8	29.6

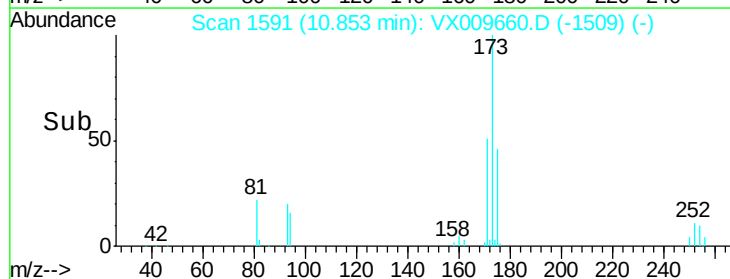
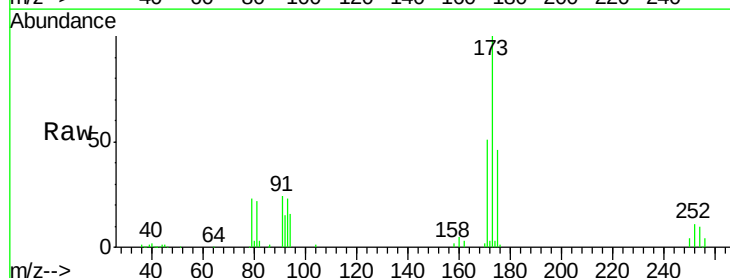
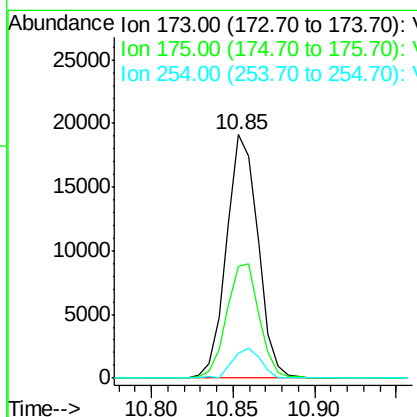
Manual Integrations
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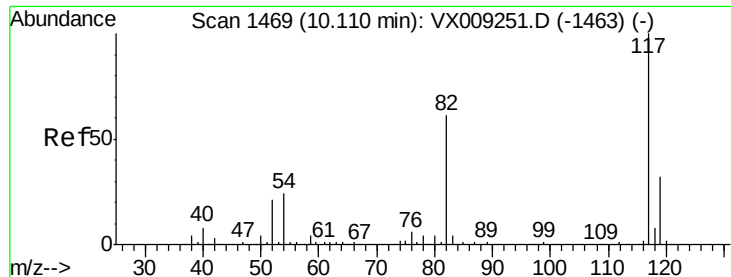
MMDadoda
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#56
Bromoform
Concen: 18.421 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.4	59.2
254	10.8	9.9	14.9





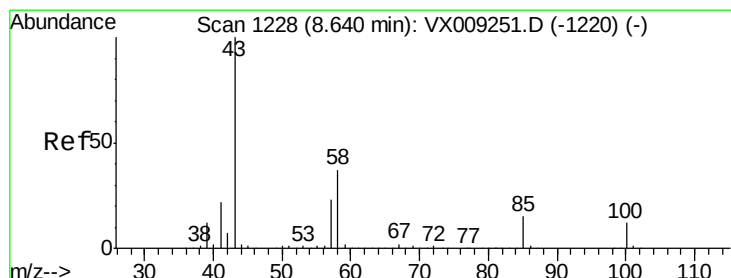
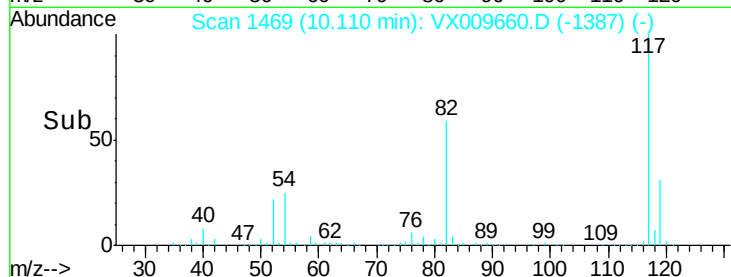
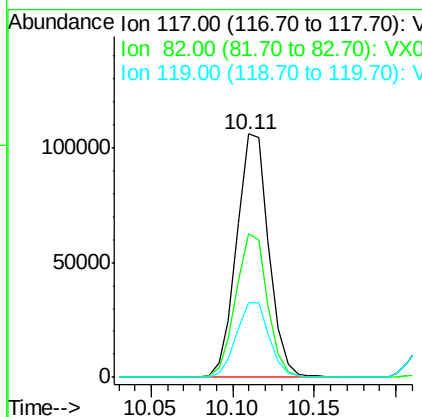
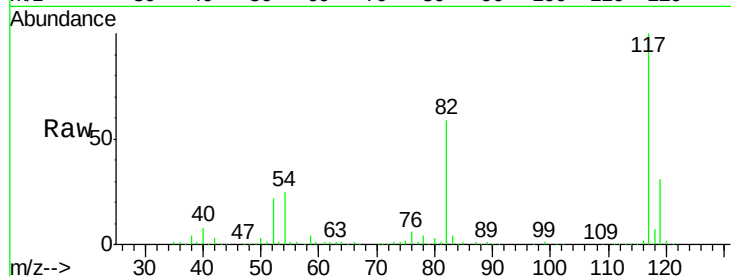
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.8
119	31.4	25.6	38.4

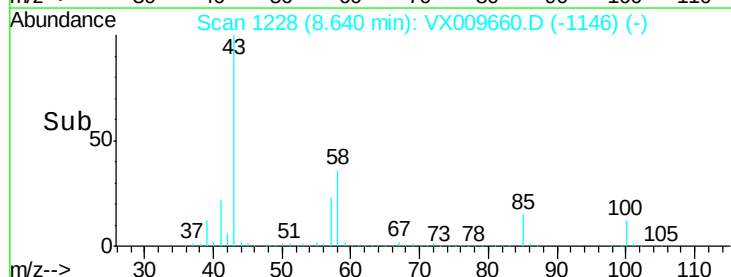
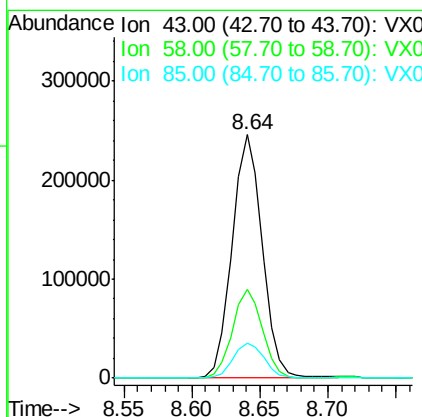
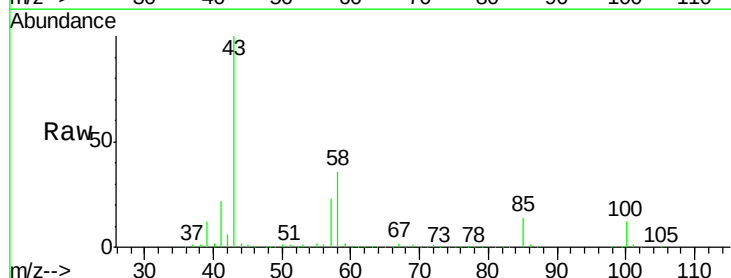
Manual Integrations
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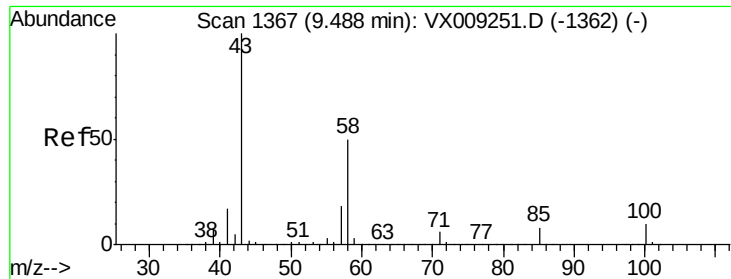
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5/20/2019 11:16:51 AM



#58
4-Methyl-2-Pentanone
Concen: 105.629 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.4	44.0
85	14.7	11.8	17.8





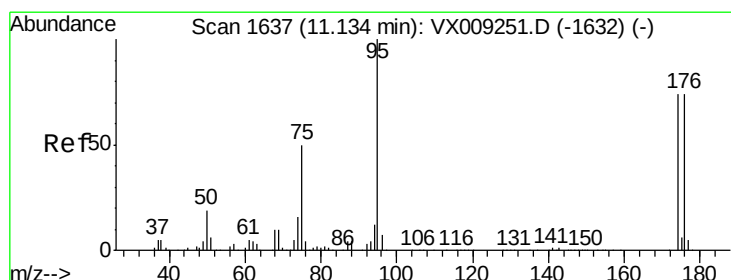
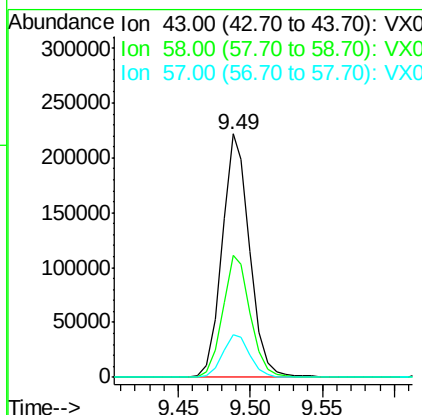
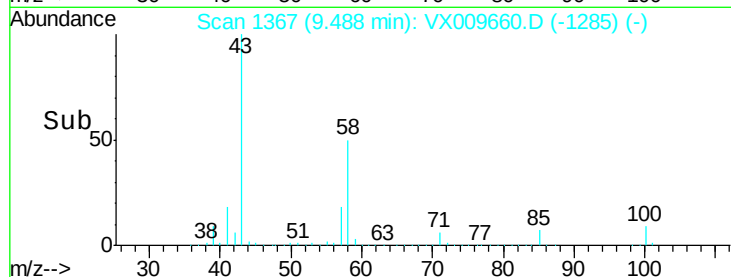
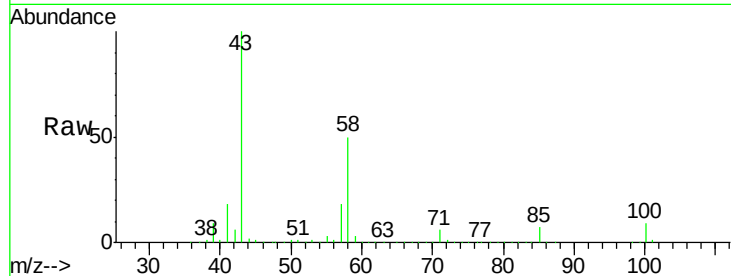
#59
2-Hexanone
Concen: 104.922 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.8	61.2
57	17.8	14.1	21.1

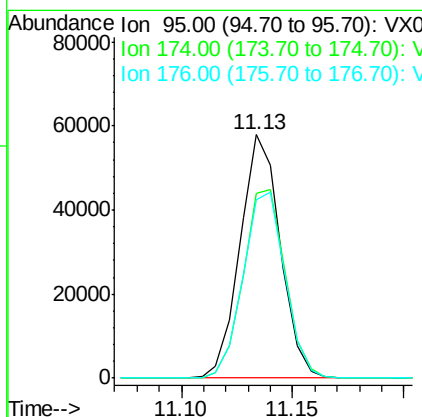
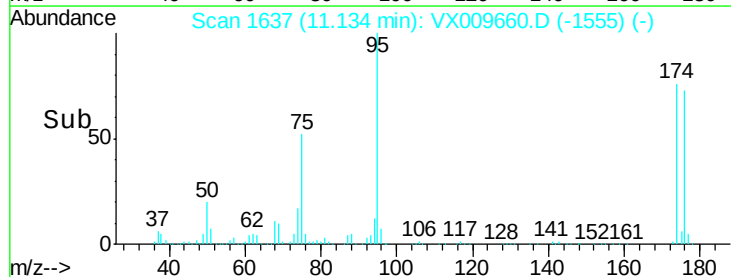
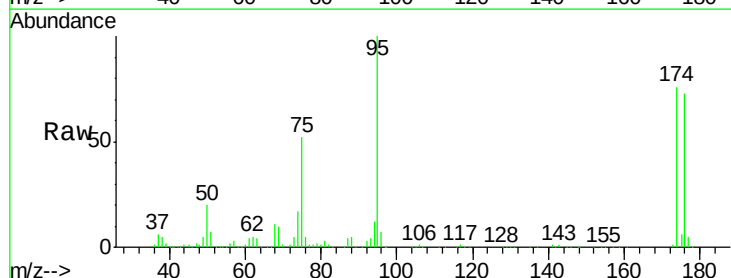
Manual Integrations
APPROVED

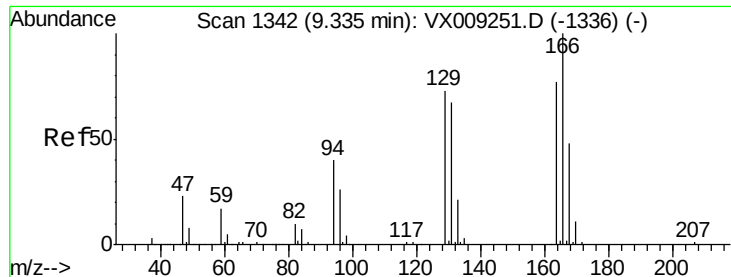
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.265 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	63.6	95.4
176	80.0	62.4	93.6





#61

Tetrachloroethene

Concen: 19.419 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion:164 Resp: 31292

Ion Ratio Lower Upper

164 100

166 131.4 104.1 156.1

129 89.3 76.0 114.0

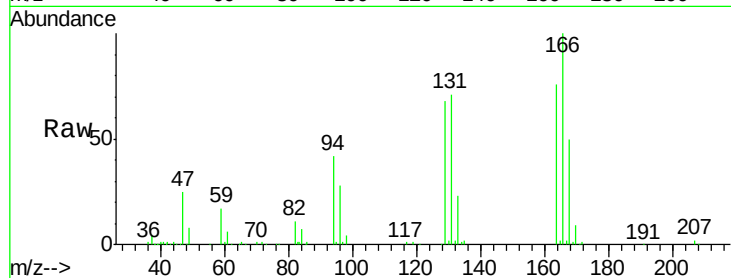
131 93.3 70.1 105.1

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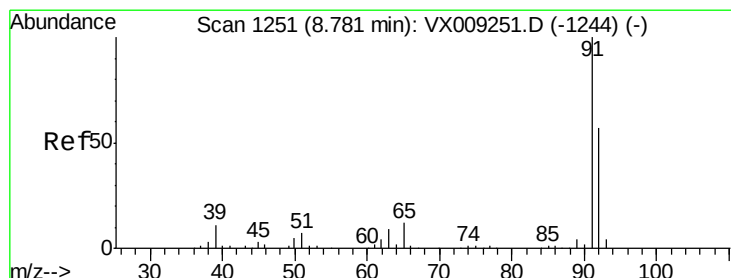
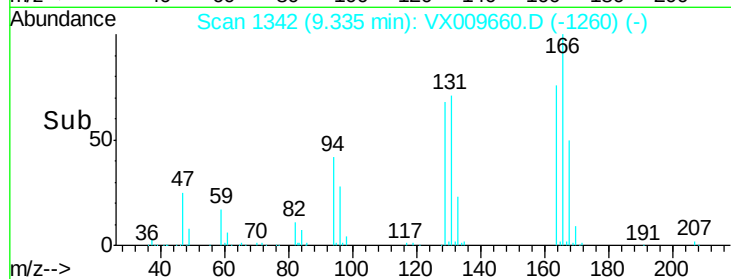
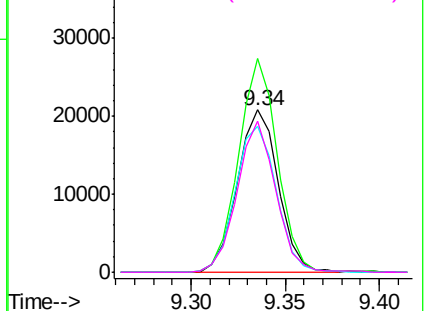


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.401 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009660.D

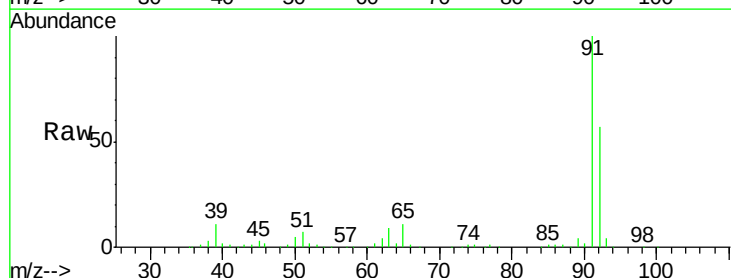
Acq: 17 May 2019 13:56

Tgt Ion: 91 Resp: 151542

Ion Ratio Lower Upper

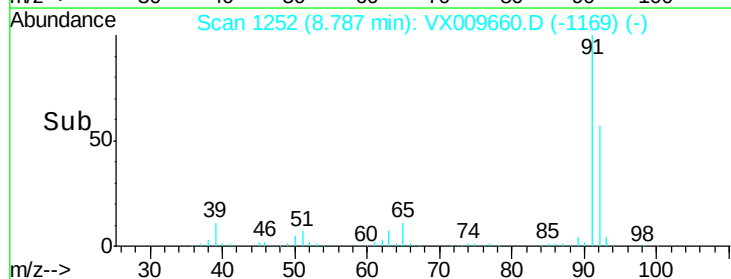
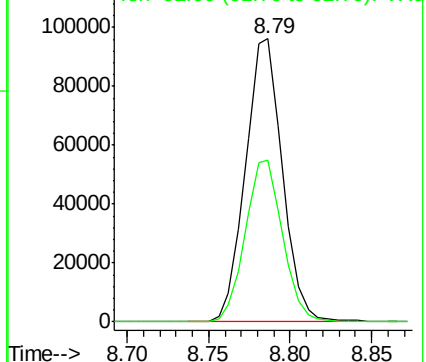
91 100

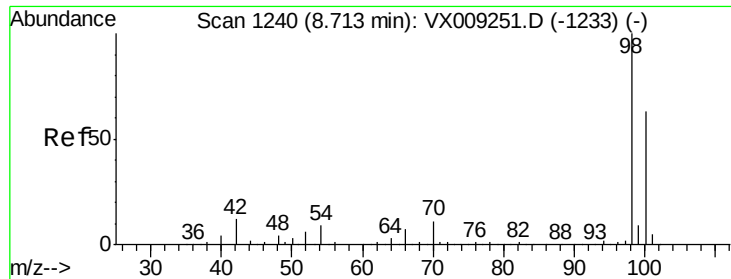
92 57.6 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.203 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 98 Resp: 209311

Ion Ratio Lower Upper

98 100

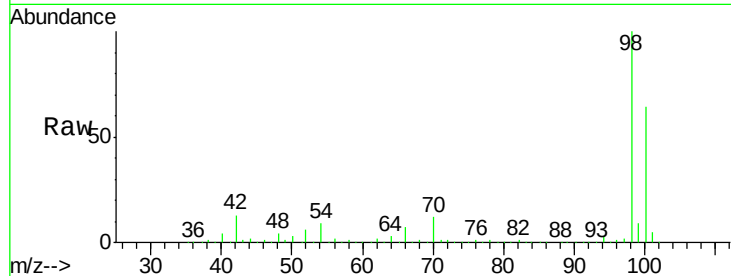
100 62.5 52.3 78.5

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

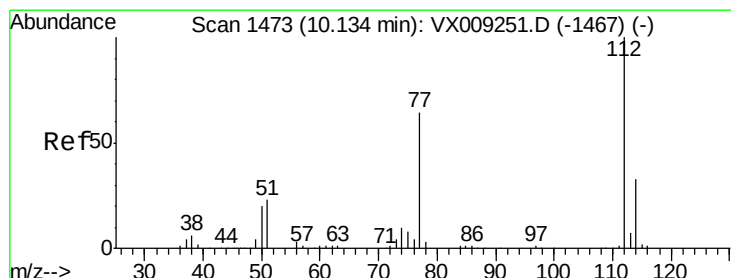
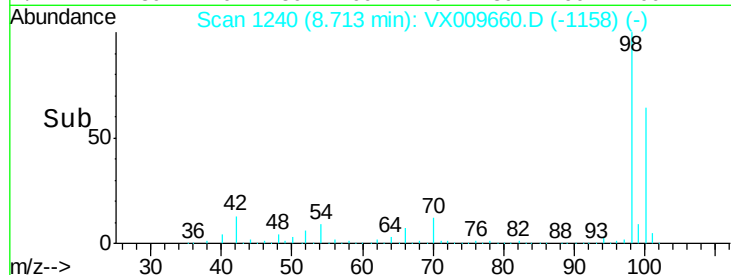
100000

50000

0

8.60 8.70 8.80

Time-->



#64

Chlorobenzene

Concen: 19.480 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009660.D

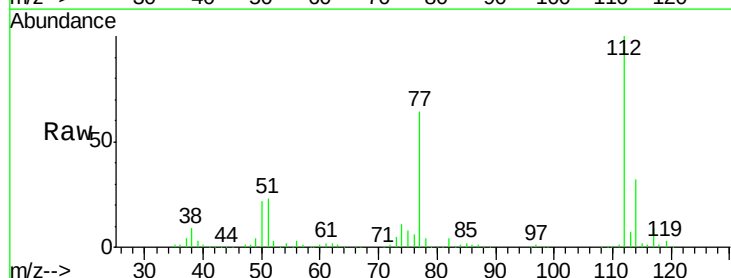
Acq: 17 May 2019 13:56

Tgt Ion: 112 Resp: 91575

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

60000

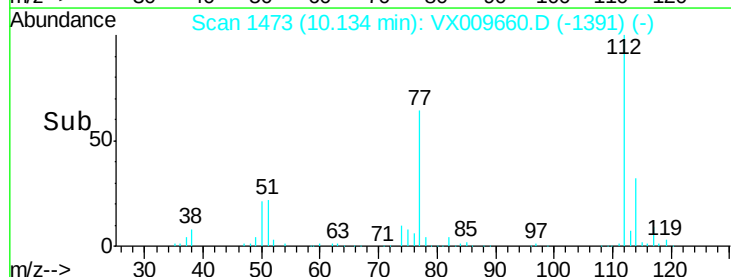
40000

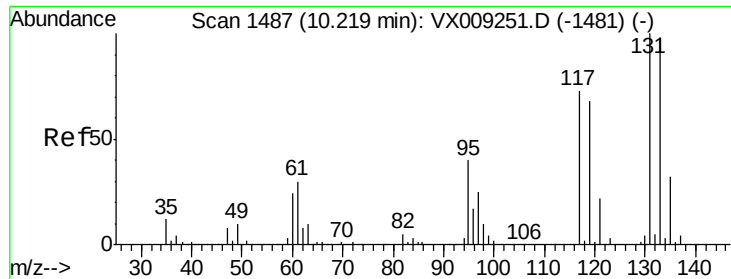
20000

0

10.10 10.15 10.20

Time-->





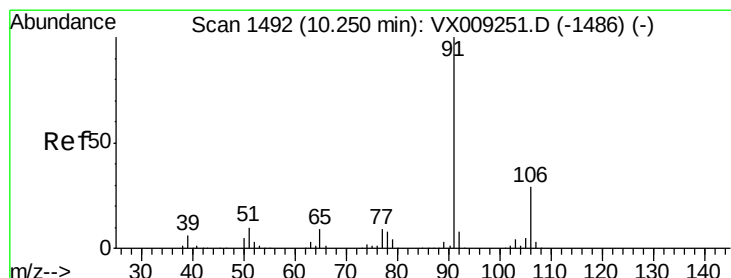
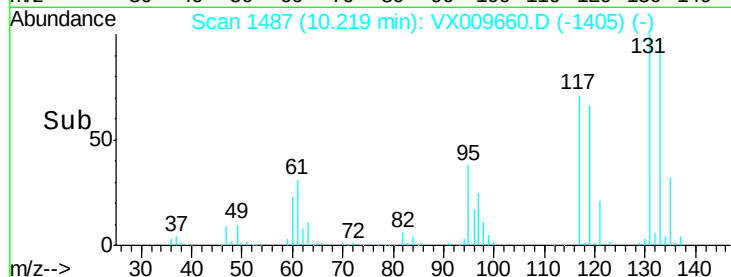
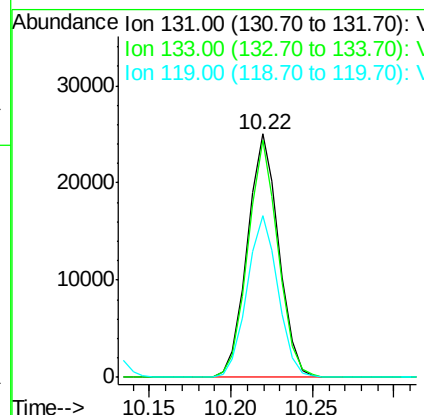
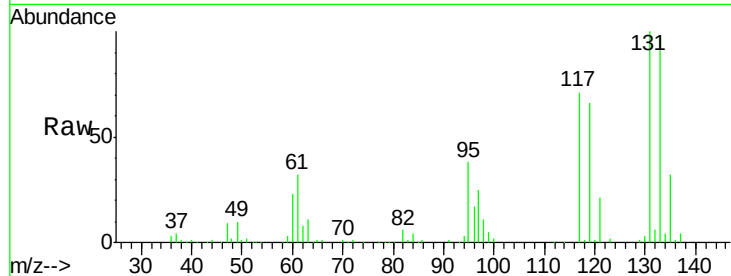
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.469 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	33511		
133	94.3	0.0	191.2	
119	65.9	0.0	135.4	

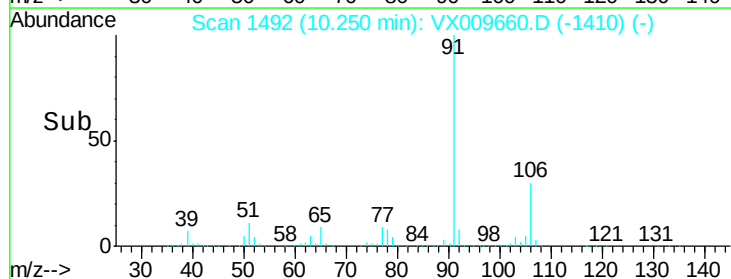
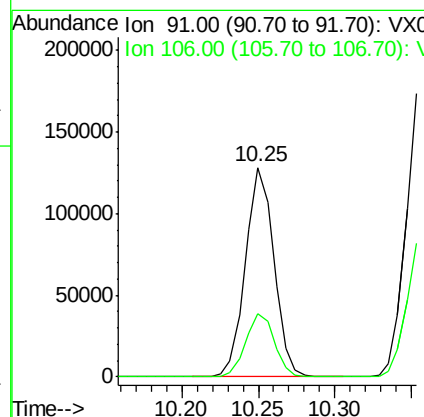
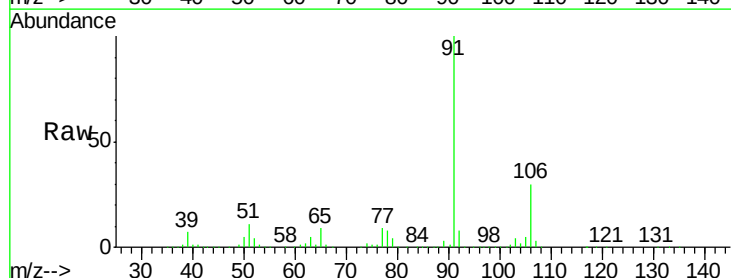
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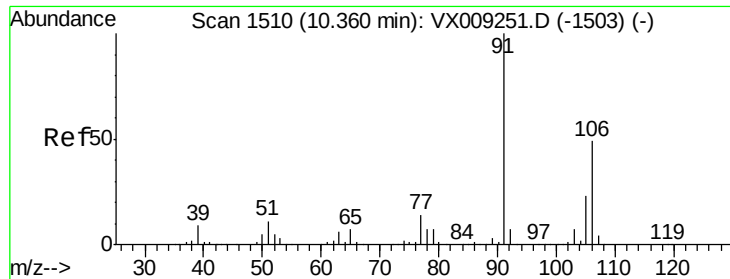
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#66
 Ethyl Benzene
 Concen: 19.136 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	166510		
106	30.1	23.5	35.3	





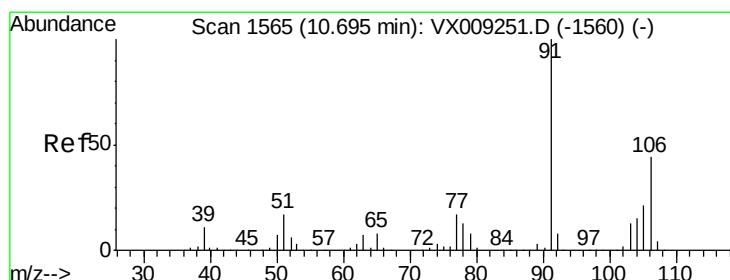
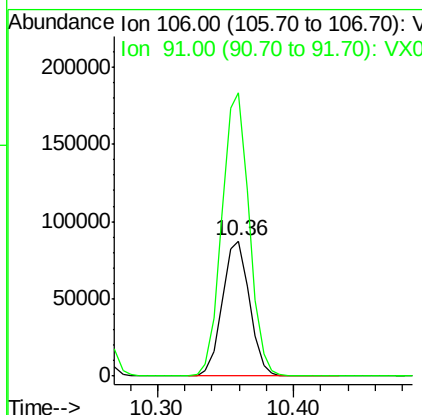
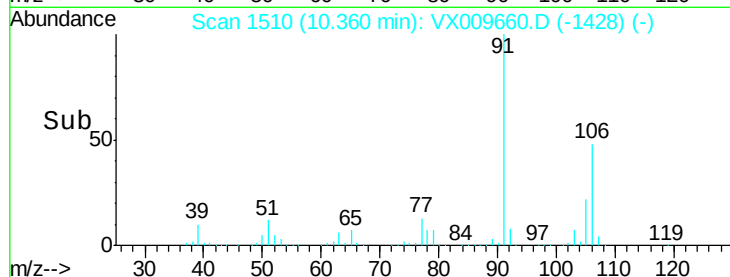
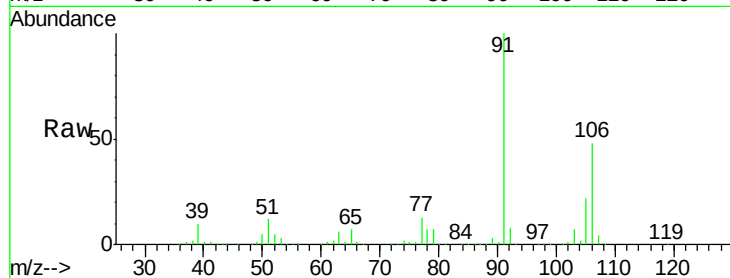
#67
m/p-Xylenes
Concen: 38.263 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion:106 Resp: 121561
Ion Ratio Lower Upper
106 100
91 209.8 166.8 250.2

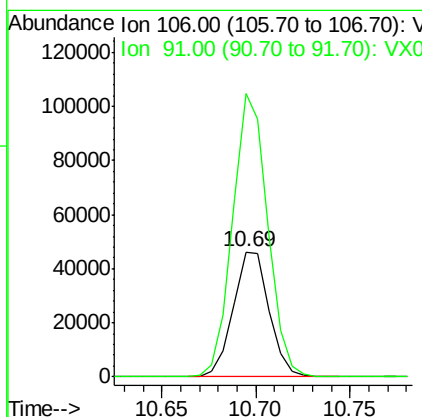
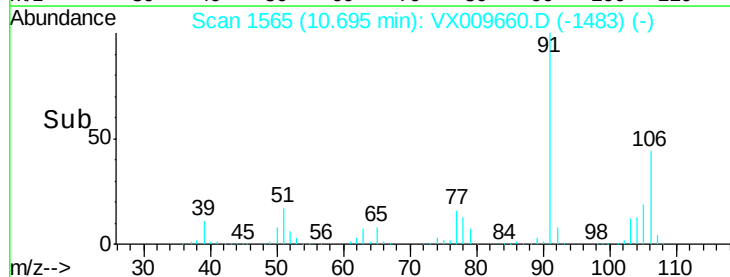
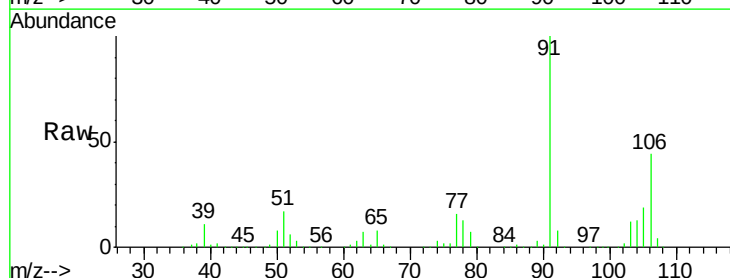
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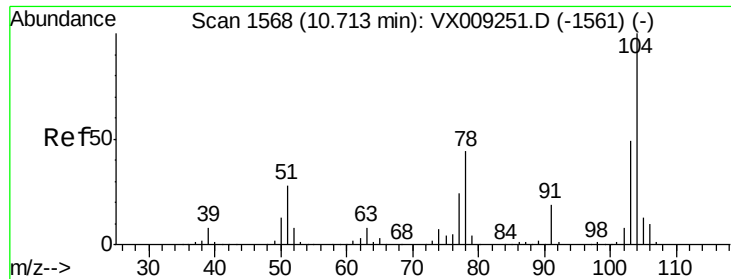
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#68
o-Xylene
Concen: 19.584 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion:106 Resp: 61178
Ion Ratio Lower Upper
106 100
91 219.5 110.8 332.3





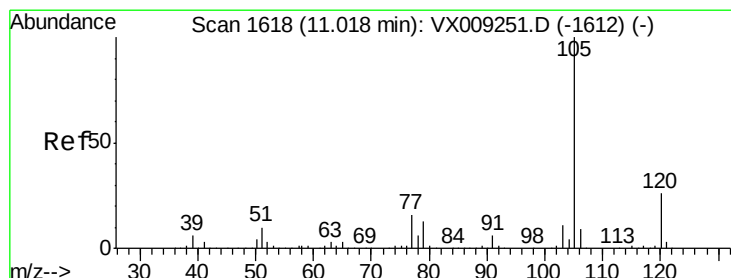
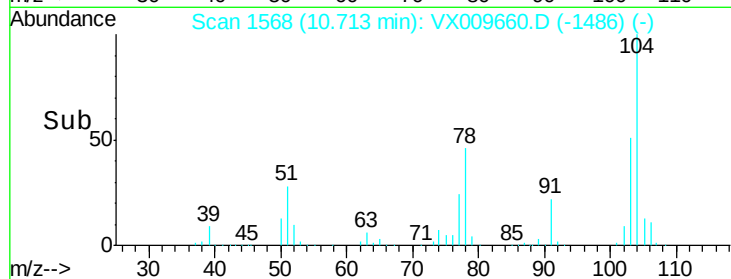
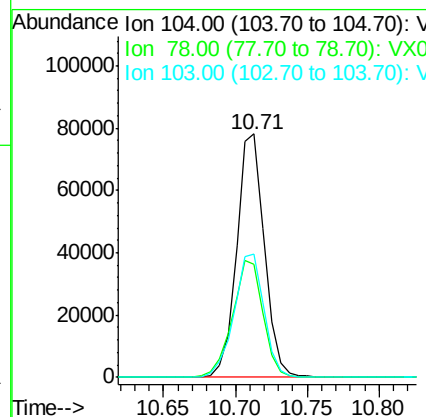
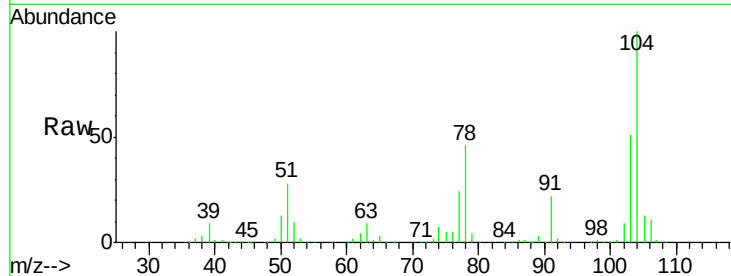
#69
Stvrene
Concen: 19.207 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	105329		
78	53.2		41.1	61.7
103	55.1		43.8	65.8

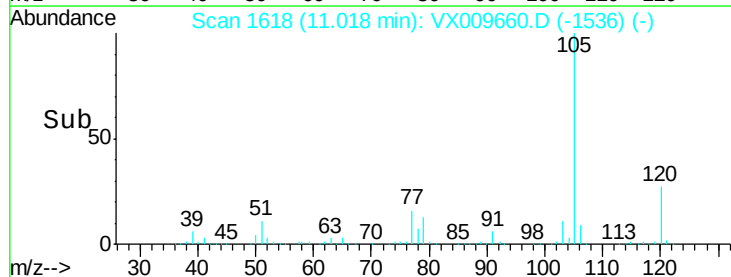
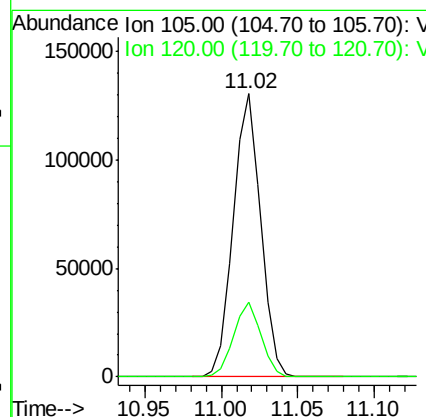
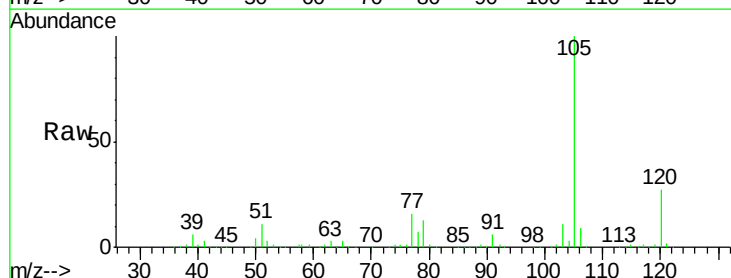
Manual Integrations
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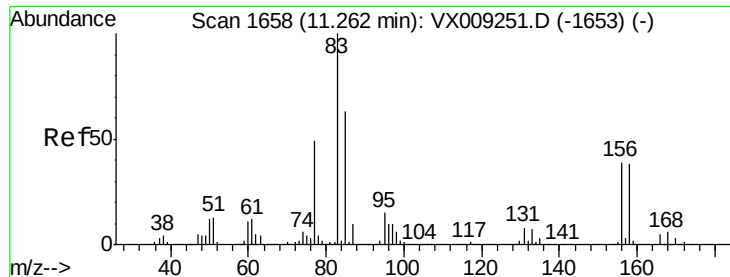
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#70
Isopropylbenzene
Concen: 19.326 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162359		
120	26.3		18.1	33.7





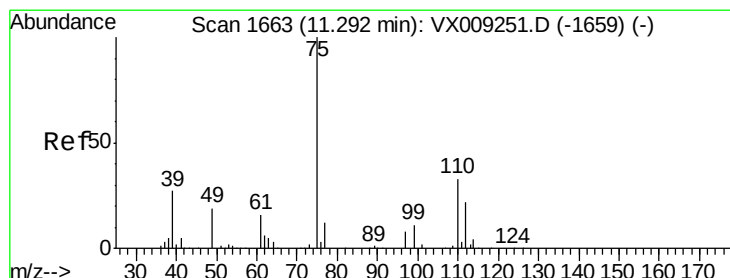
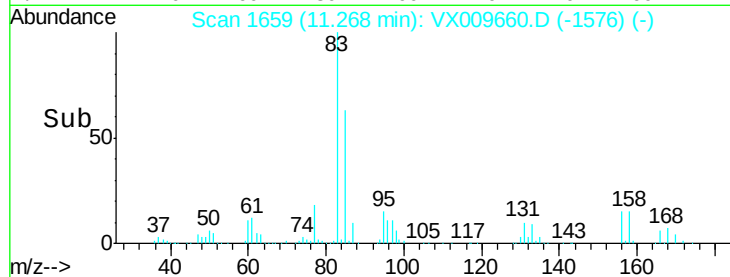
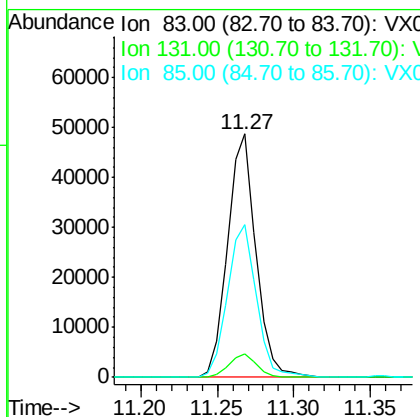
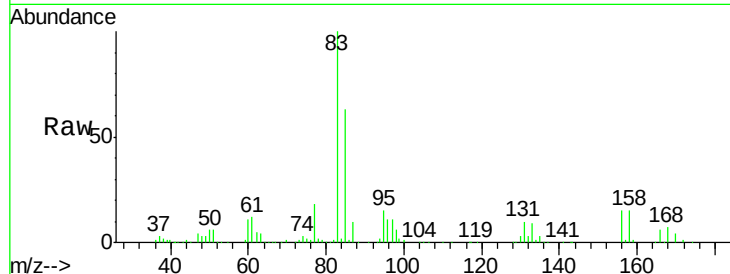
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.345 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.0
85	64.1	32.4	97.2

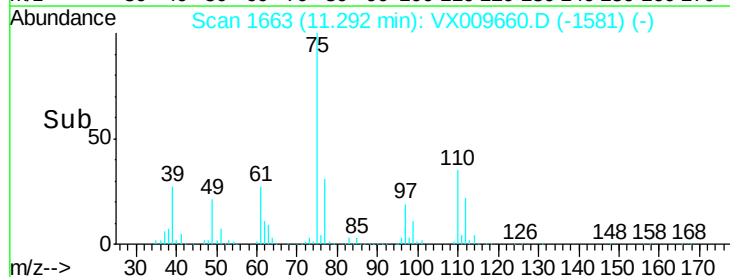
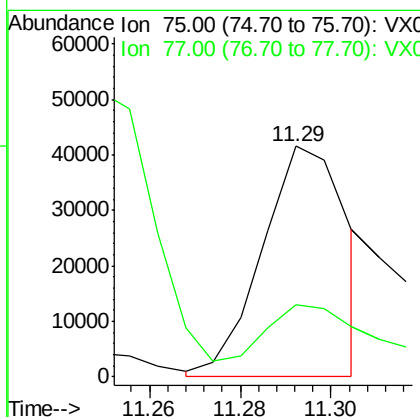
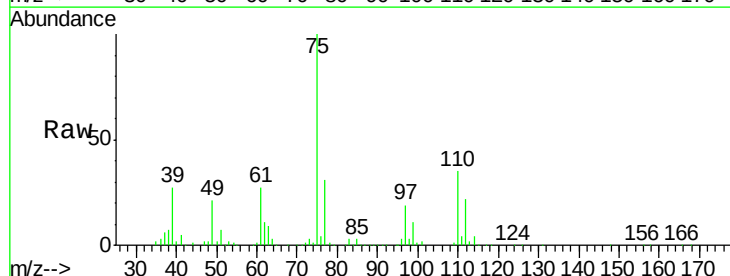
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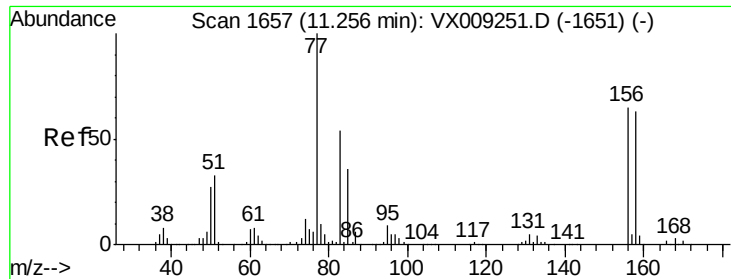
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#72
 1,2,3-Trichloropropane
 Concen: 20.322 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.9	0.0	86.4





#73

Bromobenzene

Concen: 19.686 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

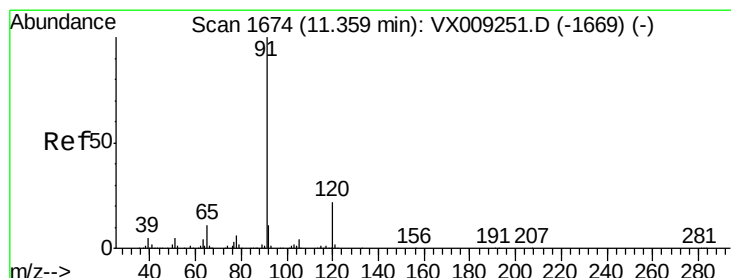
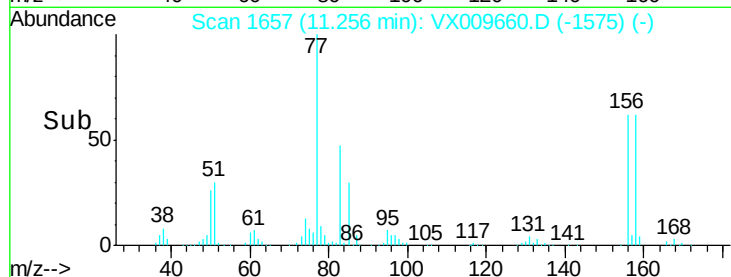
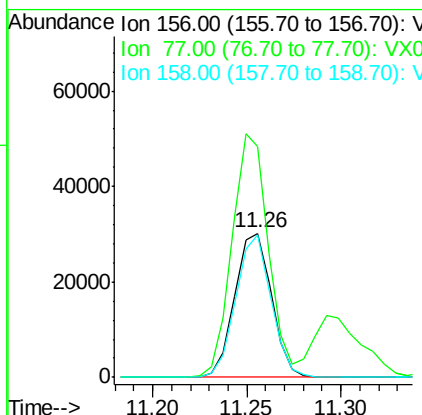
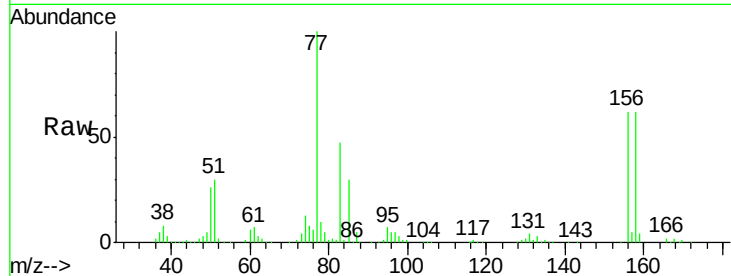
ClientSampleId :

VX0517WBSD01

Tot Ion:	156	Resp:	40863
Ion	Ratio	Lower	Upper
156	100		
77	166.7	0.0	335.6
158	94.7	0.0	191.2

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#74

n-propylbenzene

Concen: 18.903 ug/l

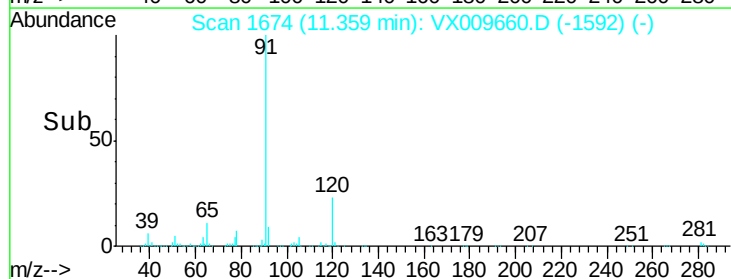
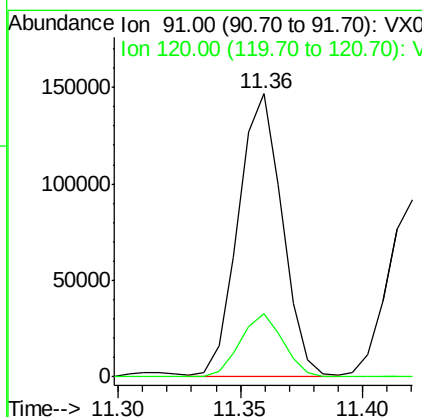
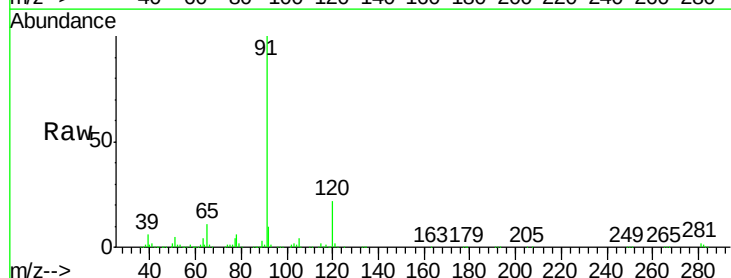
RT: 11.36 min Scan# 1674

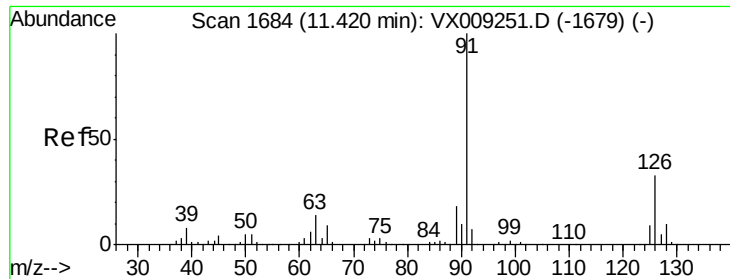
Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	91	Resp:	184036
Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	43.4





#75

2-Chlorotoluene

Concen: 19.362 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 91 Resp: 113061

Ion Ratio Lower Upper

91 100

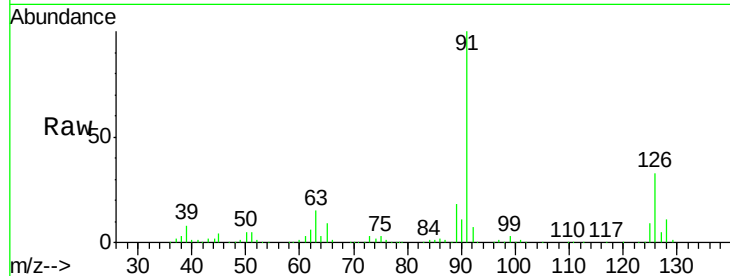
126 32.2 0.0 64.0

Manual Integrations

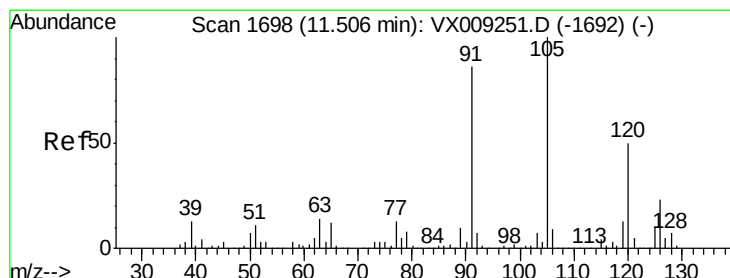
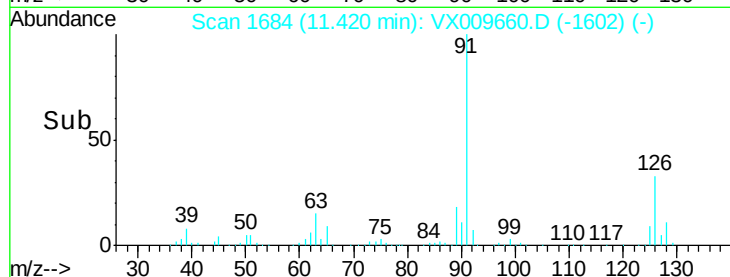
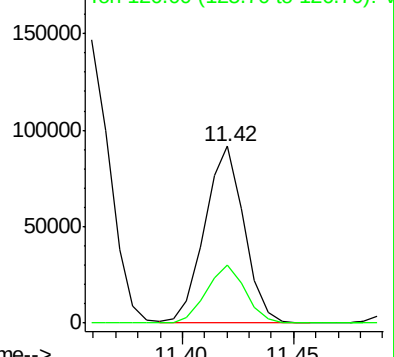
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Abundance Ion 91.00 (90.70 to 91.70): VX009660.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.281 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009660.D

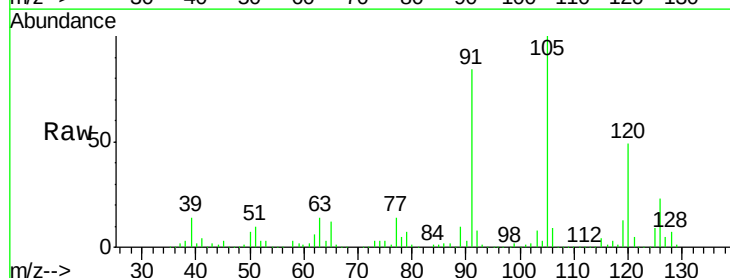
Acq: 17 May 2019 13:56

Tgt Ion: 105 Resp: 137211

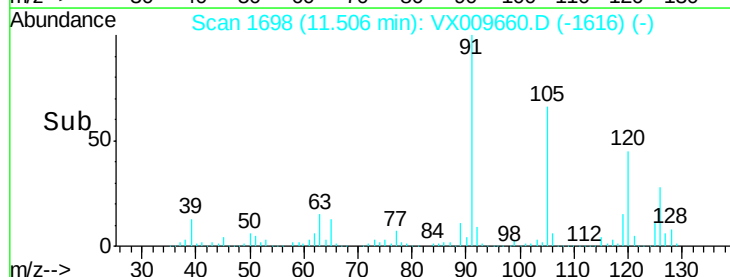
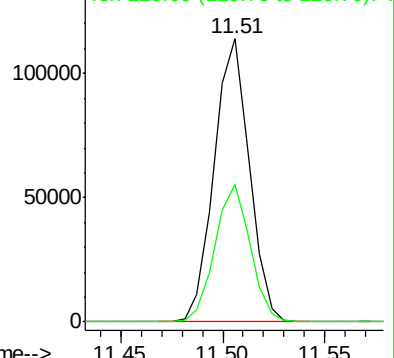
Ion Ratio Lower Upper

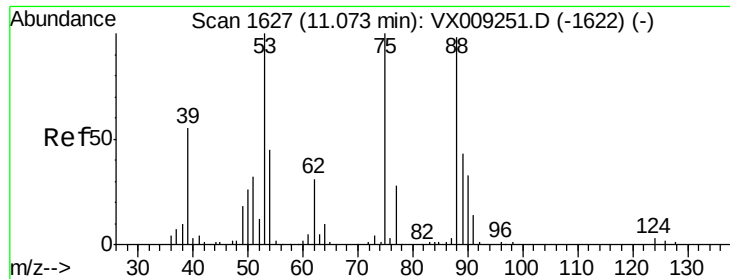
105 100

120 48.3 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009660.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.674 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion: 75 Resp: 18903

Ion Ratio Lower Upper

75 100

53 109.5 50.0 149.8

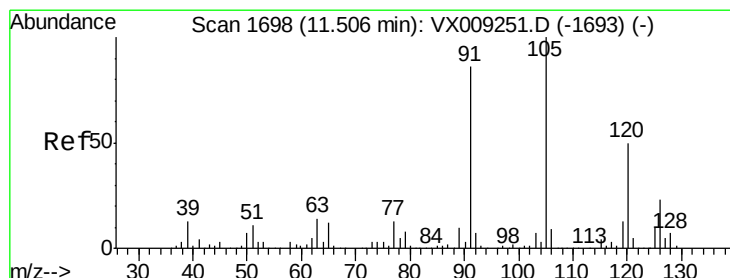
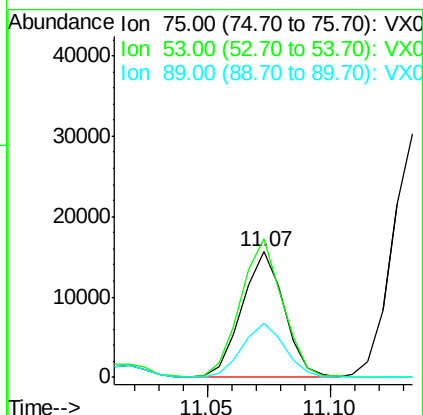
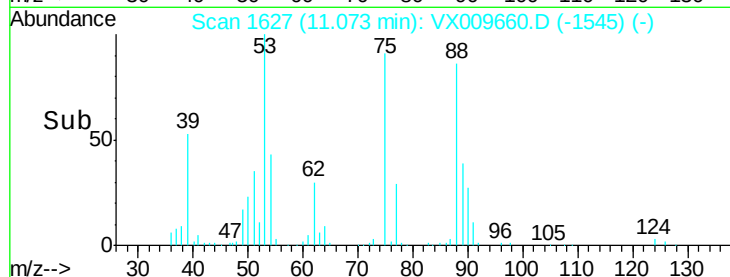
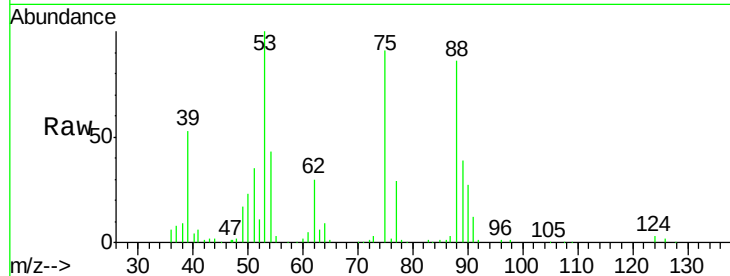
89 43.4 21.6 65.0

Manual Integrations

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#78

4-Chlorotoluene

Concen: 19.079 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009660.D

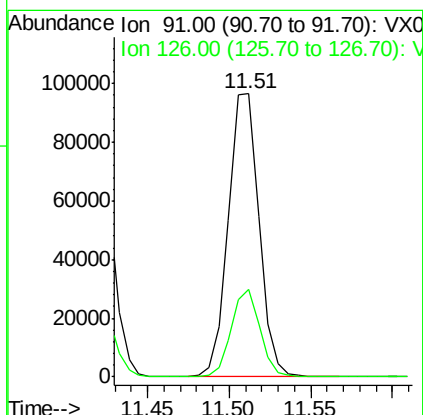
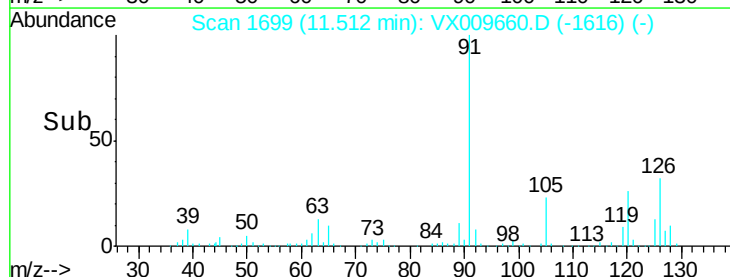
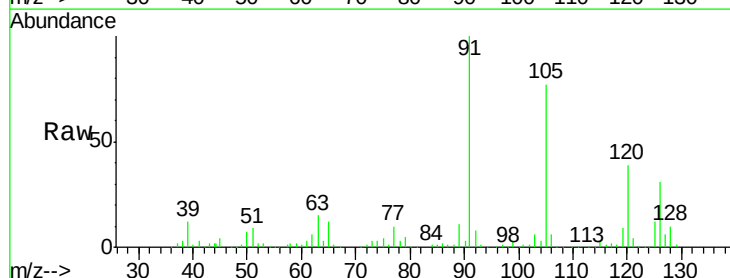
Acq: 17 May 2019 13:56

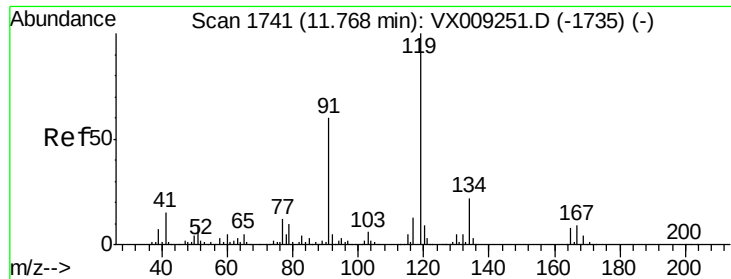
Tgt Ion: 91 Resp: 126538

Ion Ratio Lower Upper

91 100

126 28.7 0.0 57.0





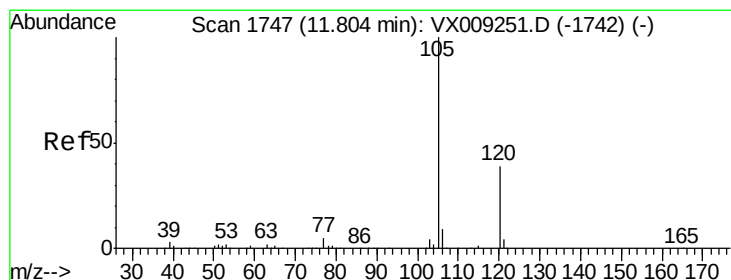
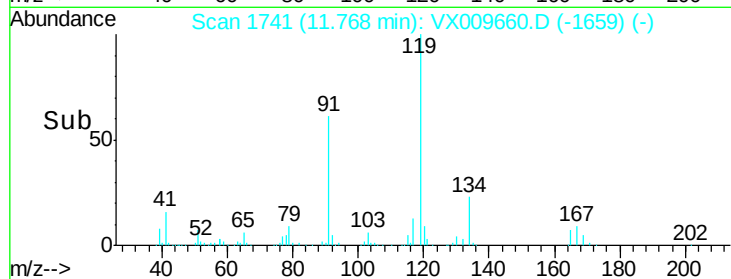
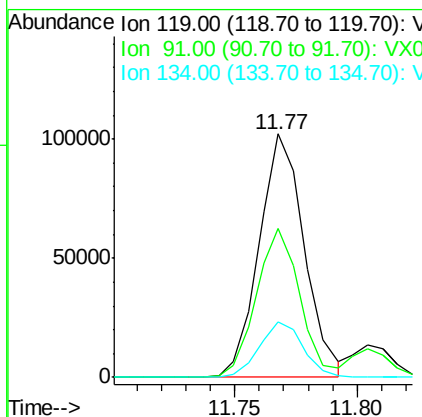
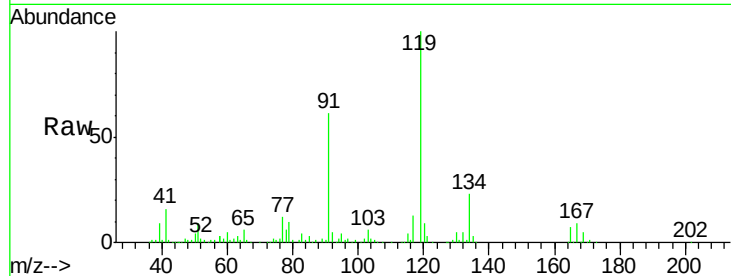
#79
tert-butylbenzene
Concen: 19.230 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132292		
91	59.0		0.0	118.2
134	22.4		0.0	45.0

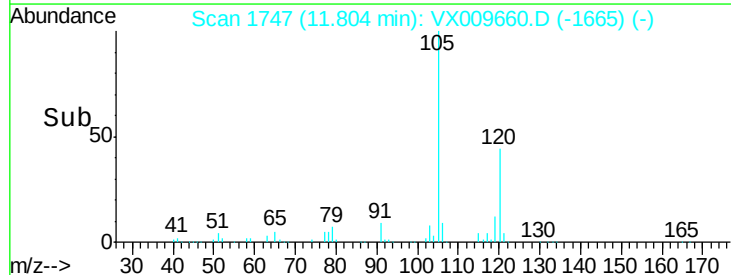
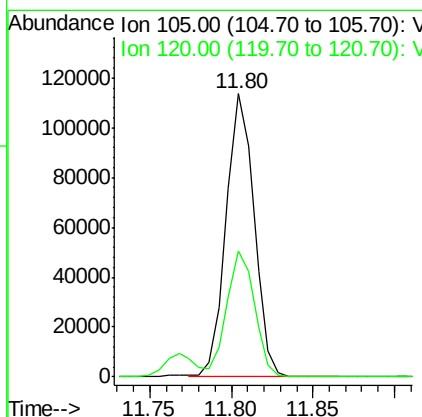
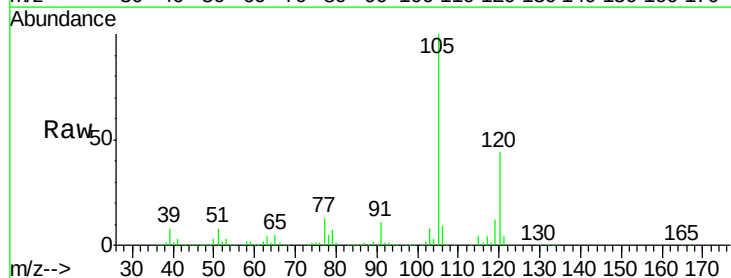
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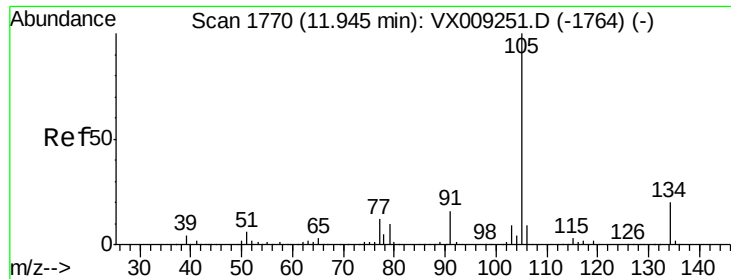
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#80
1,2,4-Trimethylbenzene
Concen: 19.131 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009660.D
Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136457		
120	43.2		0.0	89.6





#81

sec-Butylbenzene

Concen: 19.115 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD01

Tot Ion:105 Resp: 156240

Ion Ratio Lower Upper

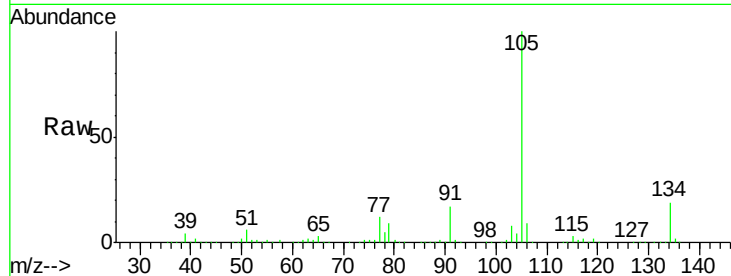
105 100

134 19.6 0.0 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

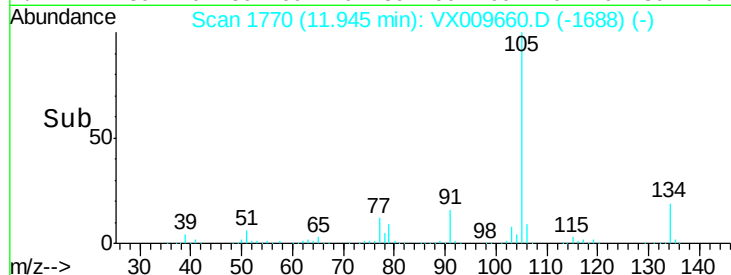
150000

110000

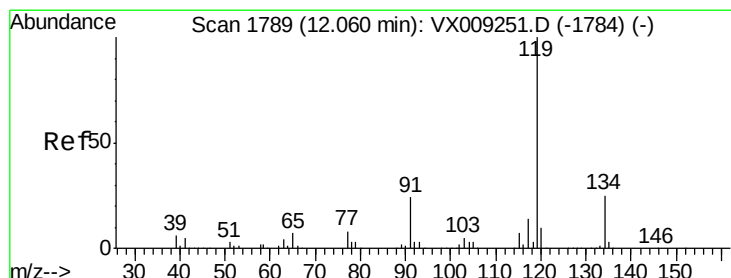
50000

0

Time-->



Time-->



#82

p-Isopropyltoluene

Concen: 18.820 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

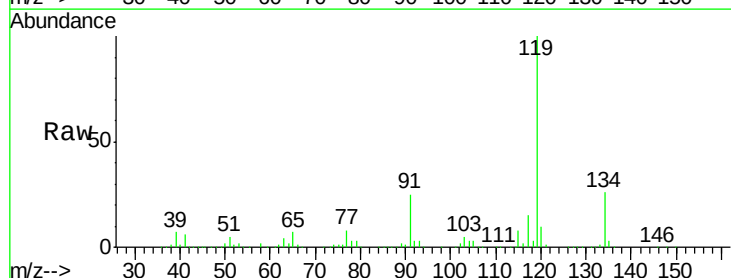
Tgt Ion:119 Resp: 139932

Ion Ratio Lower Upper

119 100

134 26.0 0.0 50.8

91 23.9 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

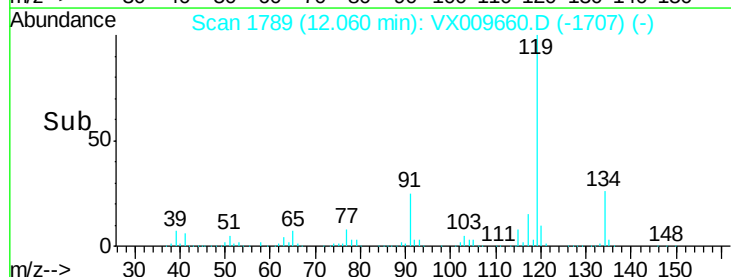
150000

100000

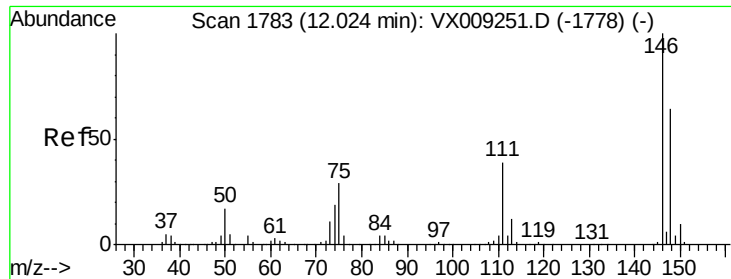
50000

0

Time-->



Time-->



#83

1,3-Dichlorobenzene

Concen: 18.976 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

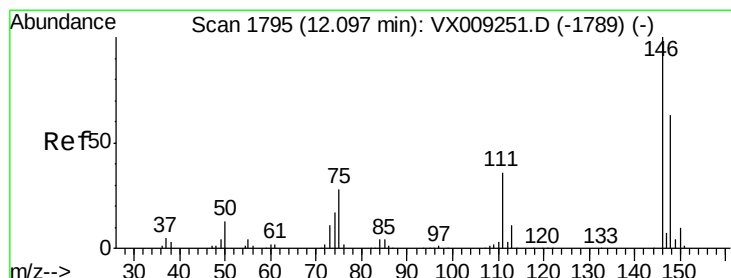
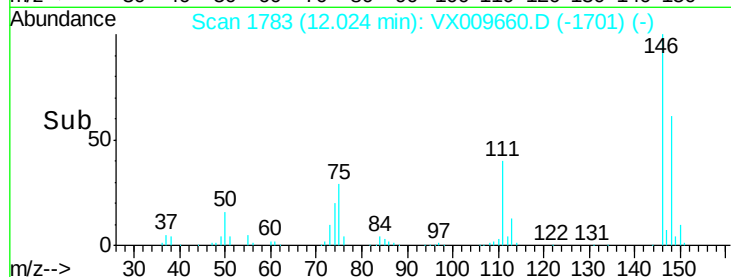
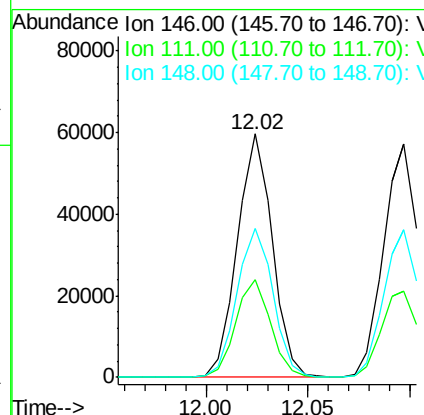
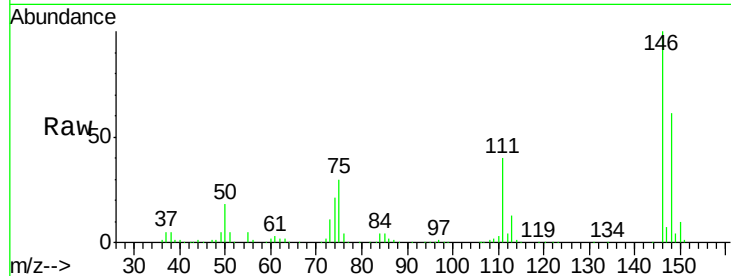
ClientSampleId :

VX0517WBSD01

Tot Ion:	146	Resp:	70343
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.0	60.0
148	63.5	32.2	96.6

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#84

1,4-Dichlorobenzene

Concen: 18.926 ug/l

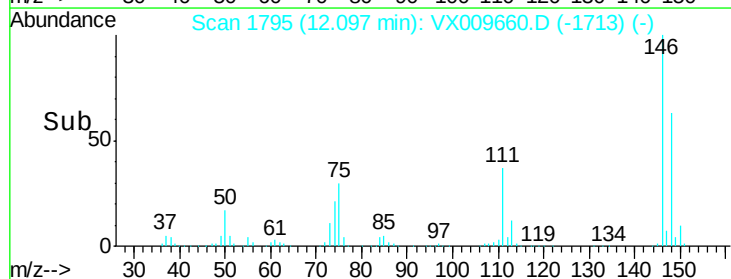
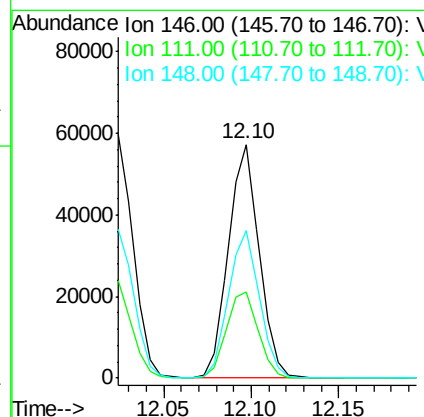
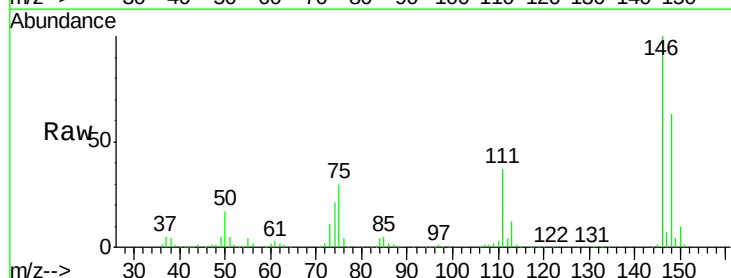
RT: 12.10 min Scan# 1795

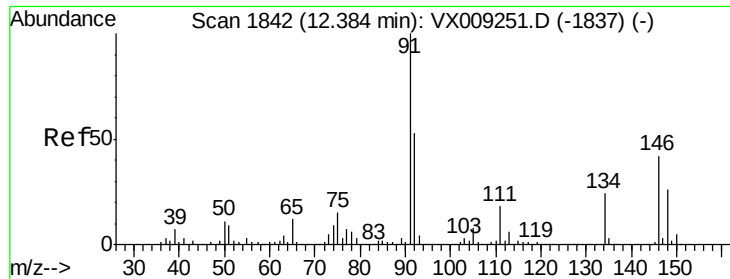
Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	146	Resp:	69897
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.6	58.7
148	63.6	32.3	96.8





#85

n-Butylbenzene

Concen: 18.274 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

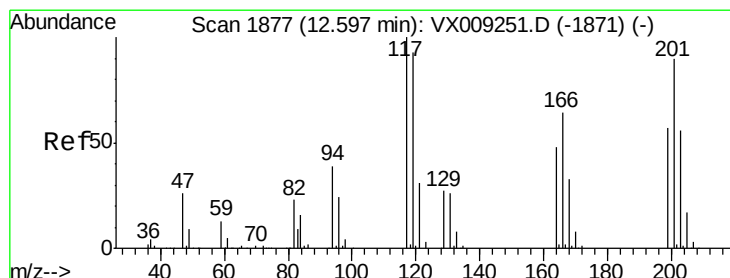
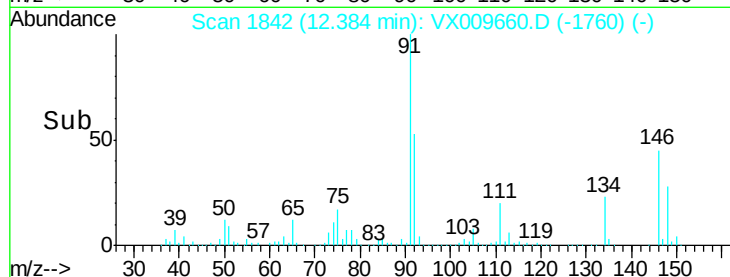
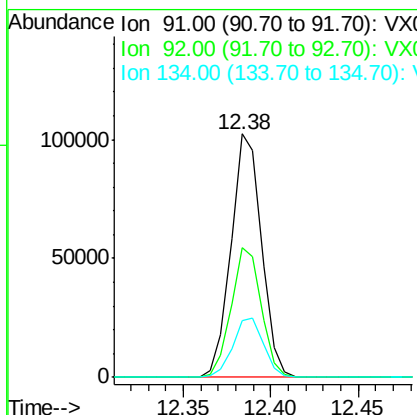
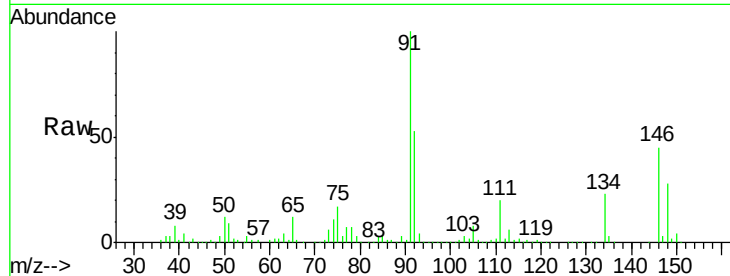
ClientSampleId :

VX0517WBSD01

Tot Ion:	91	Resp:	124325
Ion Ratio	Lower	Upper	
91	100		
92	52.7	0.0	106.6
134	24.5	0.0	50.0

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#86

Hexachloroethane

Concen: 18.309 ug/l

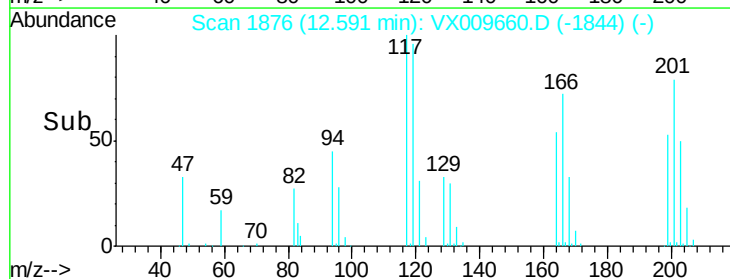
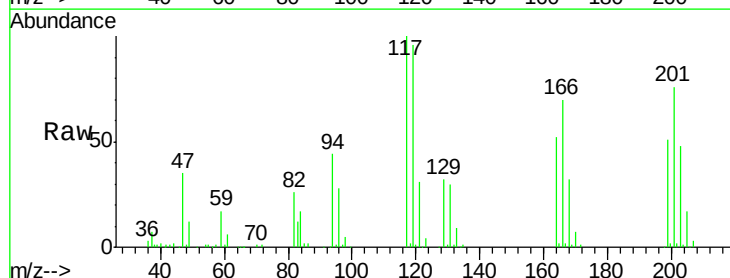
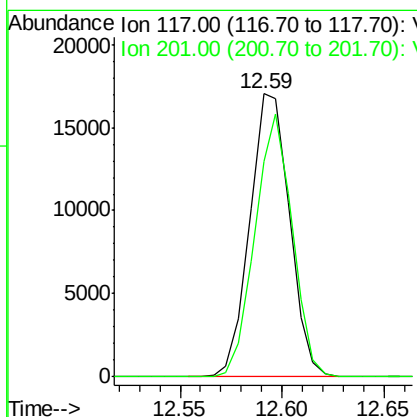
RT: 12.59 min Scan# 1876

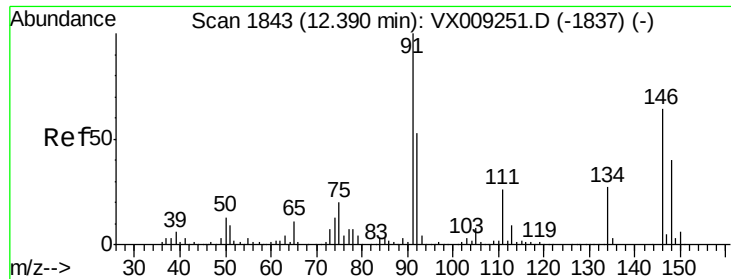
Delta R.T. -0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	117	Resp:	23164
Ion Ratio	Lower	Upper	
117	100		
201	86.7	41.8	125.4





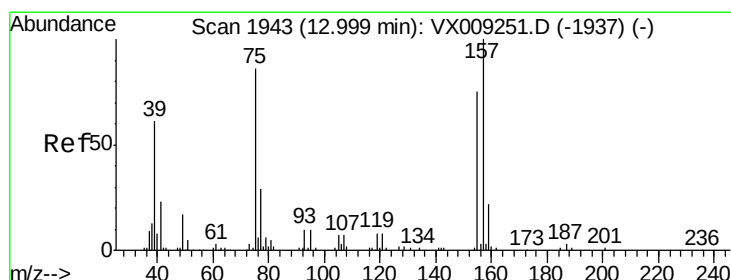
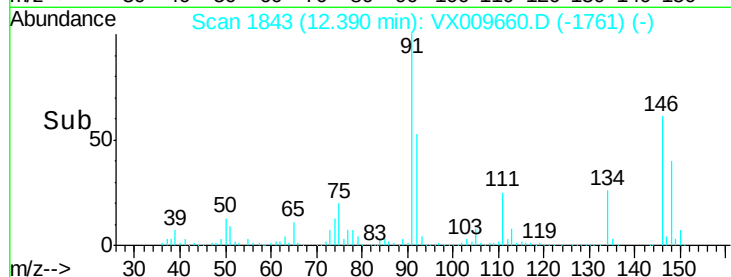
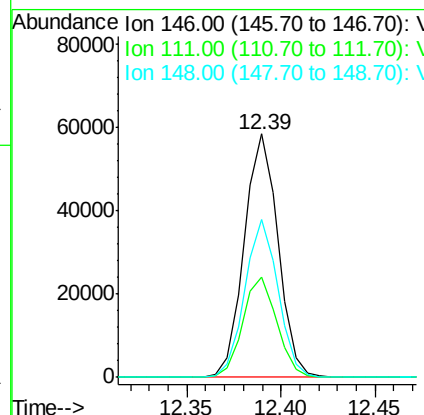
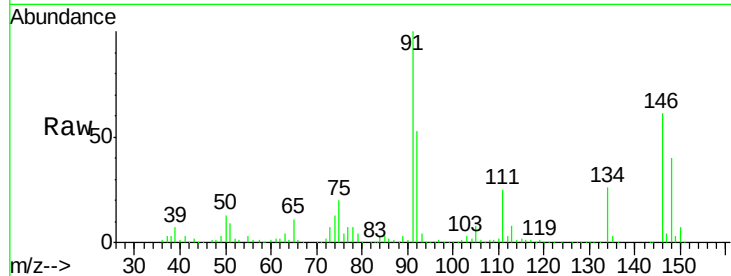
#87
 1,2-Dichlorobenzene
 Concen: 19.409 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.2
148	63.8	31.4	94.3

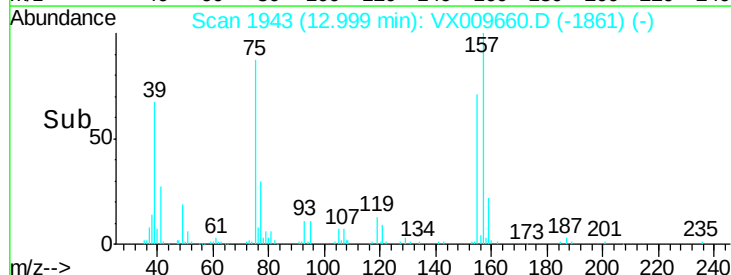
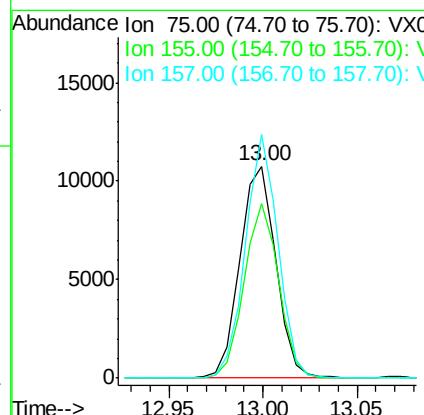
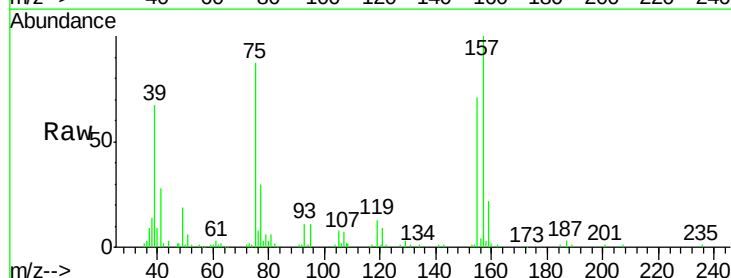
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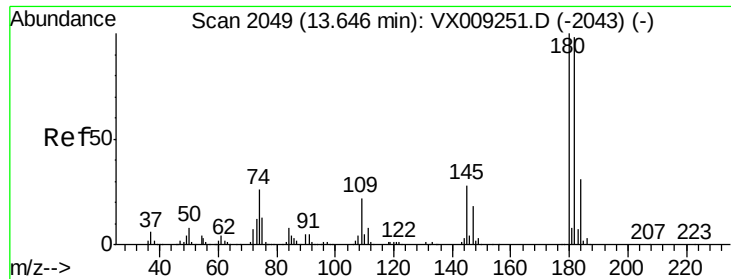
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.953 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	65.9	98.9
157	104.0	85.2	127.8





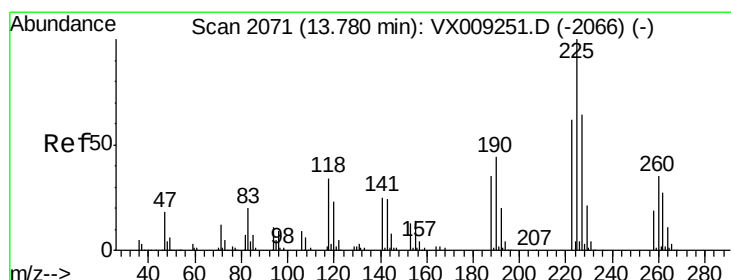
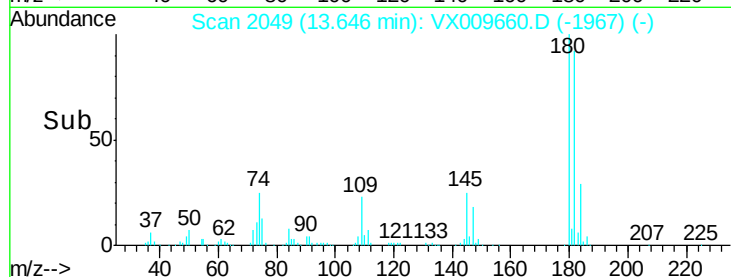
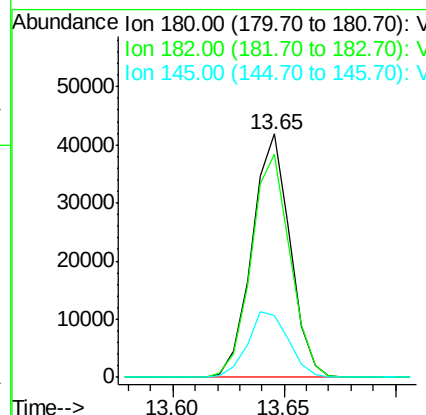
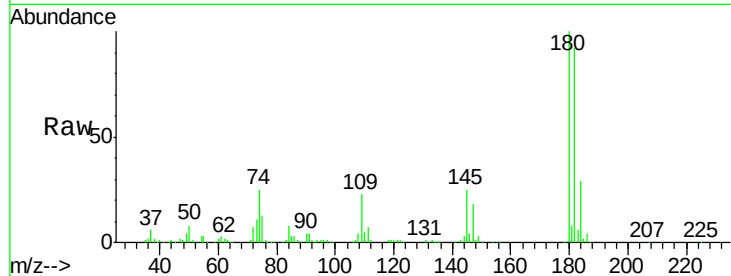
#89
 1,2,4-Trichlorobenzene
 Concen: 18.790 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.9	115.3
145	28.8	23.0	34.6

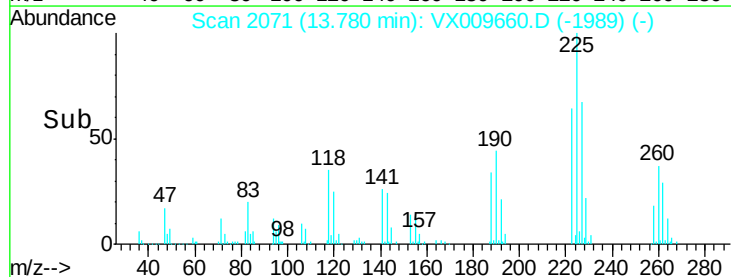
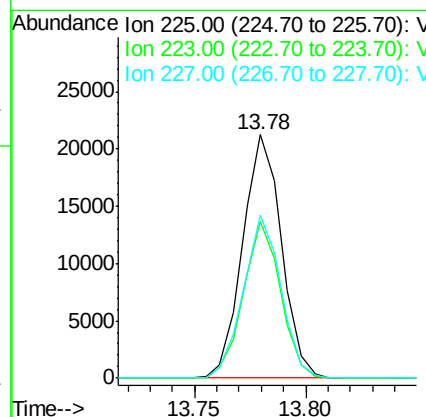
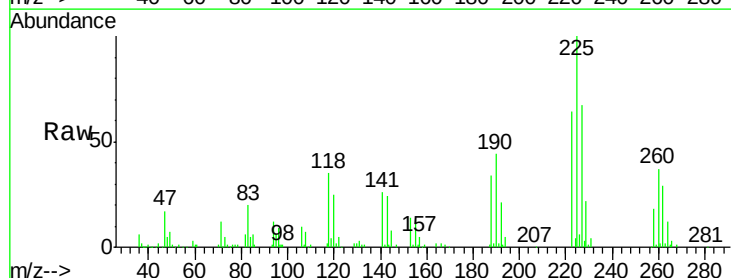
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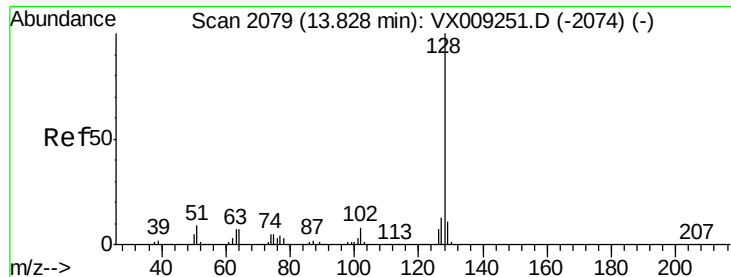
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#90
 Hexachlorobutadiene
 Concen: 19.482 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009660.D
 Acq: 17 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	126.6
227	64.5	0.0	130.0





#91

Naphthalene

Concen: 18.846 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Instrument :

MSVOA_X

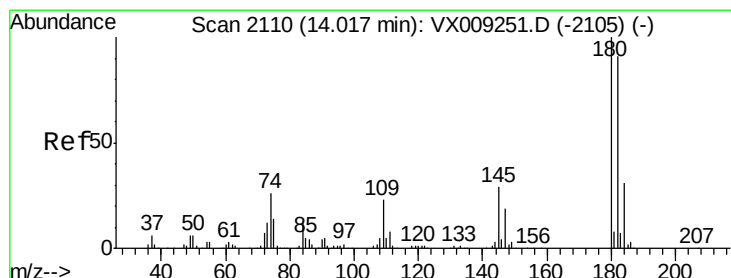
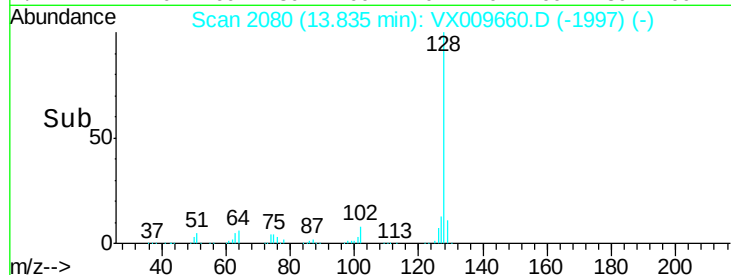
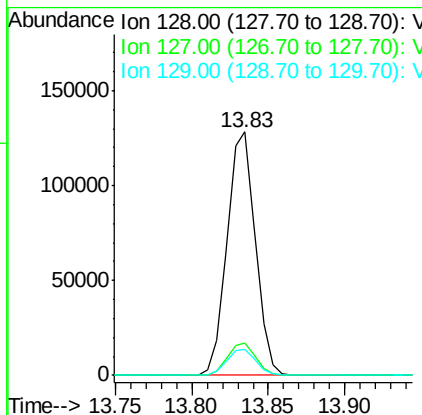
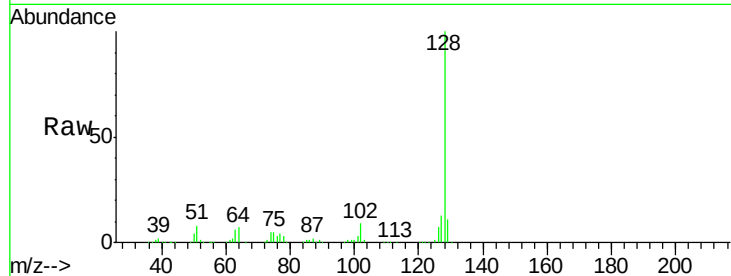
ClientSampleId :

VX0517WBSD01

Tot Ion:	128	Resp:	164113
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.7	13.1

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#92

1,2,3-Trichlorobenzene

Concen: 18.848 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009660.D

Acq: 17 May 2019 13:56

Tgt Ion:	180	Resp:	50957
Ion Ratio		Lower	Upper
180	100		
182	96.0	0.0	189.0
145	31.4	0.0	61.6

