

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009654.D
 Acq On : 17 May 2019 11:22
 Operator : JC/SP
 Sample : VX0517WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 11:16:42 AM

Quant Time: May 18 05:12:21 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	30328	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	171873	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	154701	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	75378	29.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.87%
60) 4-Bromofluorobenzene	11.13	95	78917	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	219312	29.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	23689	14.700	ug/l 97
3) Chloromethane	1.33	50	38845	17.933	ug/l 99
4) Vinyl Chloride	1.41	62	36929	17.089	ug/l 99
5) Bromomethane	1.64	94	24142	17.624	ug/l 97
6) Chloroethane	1.72	64	23755	16.762	ug/l 98
7) Trichlorofluoromethane	1.93	101	46521	17.434	ug/l 98
8) Diethyl Ether	2.19	74	22162	17.887	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28461	17.227	ug/l 99
10) 1,1-Dichloroethene	2.37	96	28606	17.245	ug/l 94
11) Methyl Iodide	2.51	142	31813	17.642	ug/l 97
12) Methyl Acetate	2.78	43	57072	18.266	ug/l 97
13) Acrolein	2.29	56	47266	110.295	ug/l 99
14) Acrylonitrile	3.14	53	127850	94.286	ug/l 99
15) Acetone	2.45	58	36460	93.651	ug/l 99
16) Carbon Disulfide	2.57	76	73309	16.333	ug/l 100
17) Allyl chloride	2.73	41	71056	17.842	ug/l 98
18) Methylene Chloride	2.85	84	35539	17.727	ug/l 99
19) trans-1,2-Dichloroethene	3.17	96	30912	17.477	ug/l 97
20) Diisopropyl ether	3.86	45	141660	18.063	ug/l 90
21) 1,1-Dichloroethane	3.70	63	67223	17.712	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	37658	17.676	ug/l 96
23) tert-Butyl Alcohol	3.05	59	52617	91.769	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	115973	17.864	ug/l 100
25) Chloroform	5.21	83	62310	17.990	ug/l 98
26) Cyclohexane	5.58	56	60632	17.141	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	46152	18.300	ug/l 98
30) 2-Butanone	4.67	43	194442	98.449	ug/l 99
31) 2,2-Dichloropropane	4.59	77	49910	17.951	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	50174	18.352	ug/l 98
33) Carbon Tetrachloride	5.79	117	41189	18.006	ug/l 99
34) Benzene	6.14	78	143912	18.509	ug/l 100
35) Methacrylonitrile	5.04	41	39213	18.977	ug/l 96
36) 1,2-Dichloroethane	6.20	62	54185	19.206	ug/l 98
37) Trichloroethene	7.21	130	33801	18.059	ug/l 93
38) Methylcyclohexane	7.46	83	53950	17.315	ug/l 99
39) 1,2-Dichloropropane	7.51	63	42386	19.144	ug/l 95
40) Dibromomethane	7.66	93	23916	19.031	ug/l 98

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Manual Integrations
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MMDadoda
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Quant Time: May 18 05:12:21 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	47288	18.422	ug/l	98
42) Vinyl Acetate	3.82	43	625123	95.899	ug/l	100
43) Ethyl Acetate	4.83	43	71310	19.981	ug/l	100
44) Isopropyl Acetate	6.45	43	109453	18.931	ug/l	98
45) 1,4-Dioxane	7.74	88	21705	382.379	ug/l	98
46) Methyl methacrylate	7.77	41	55746	19.318	ug/l	96
47) n-amyl Acetate	10.90	43	96503	18.529	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	53026	17.705	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	59844	18.201	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	35823	18.606	ug/l	95
51) Ethyl methacrylate	9.18	69	65289	18.350	ug/l	97
52) 1,3-Dichloropropane	9.37	76	64185	18.784	ug/l	100
53) Dibromochloromethane	9.58	129	34969	18.237	ug/l	99
54) 1,2-Dibromoethane	9.67	107	36848	18.661	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	206628	108.987	ug/l	99
56) Bromoform	10.85	173	26398	17.935	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	371202	97.584	ug/l	99
59) 2-Hexanone	9.49	43	290633	97.411	ug/l	100
61) Tetrachloroethene	9.34	164	31318	18.364	ug/l	93
62) Toluene	8.79	91	153147	18.526	ug/l	100
64) Chlorobenzene	10.13	112	91212	18.334	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.22	131	32943	18.084	ug/l	99
66) Ethyl Benzene	10.25	91	168553	18.303	ug/l	97
67) m/p-Xylenes	10.36	106	122628	36.471	ug/l	100
68) o-Xylene	10.69	106	60574	18.322	ug/l	99
69) Styrene	10.71	104	103961	17.913	ug/l	98
70) Isopropylbenzene	11.02	105	163612	18.401	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	62713	19.259	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	54183m	19.309	ug/l	
73) Bromobenzene	11.26	156	40430	18.404	ug/l	98
74) n-propylbenzene	11.36	91	186204	18.072	ug/l	99
75) 2-Chlorotoluene	11.42	91	112953	18.277	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	136470	18.120	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	19120	16.892	ug/l	93
78) 4-Chlorotoluene	11.51	91	125889	17.935	ug/l	100
79) tert-butylbenzene	11.77	119	131423	18.050	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	137507	18.216	ug/l	99
81) sec-Butylbenzene	11.94	105	155735	18.003	ug/l	99
82) p-Isopropyltoluene	12.06	119	141540	17.987	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	70754	18.035	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	70792	18.112	ug/l	99
85) n-Butylbenzene	12.38	91	124760	17.327	ug/l	99
86) Hexachloroethane	12.59	117	23334	17.427	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	72949	18.472	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14235	18.812	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	49393	17.548	ug/l	99
90) Hexachlorobutadiene	13.78	225	25712	18.287	ug/l	99
91) Naphthalene	13.83	128	162334	17.614	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	51716	18.074	ug/l	99

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

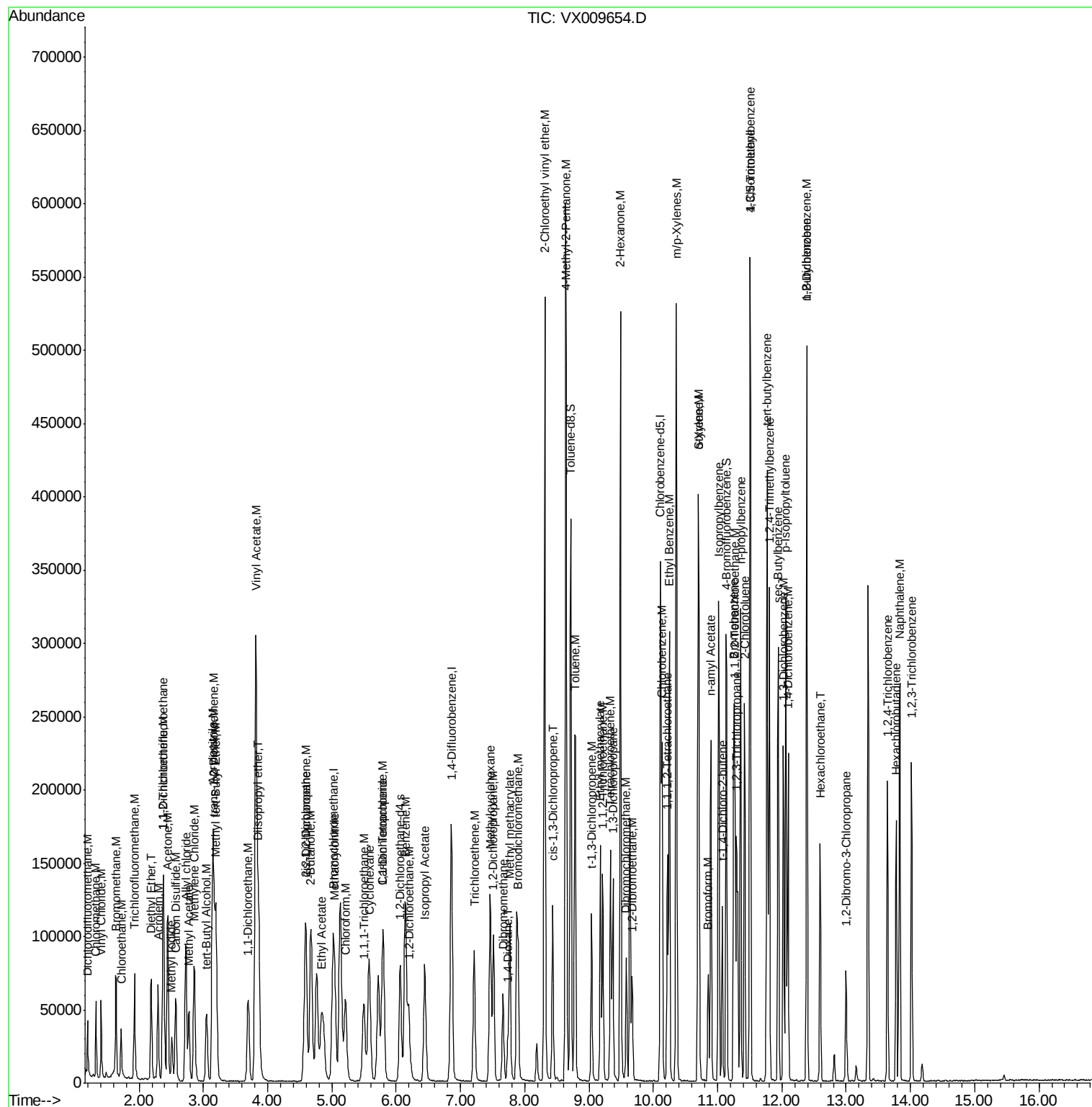
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 Data File : VX009654.D
 Acq On : 17 May 2019 11:22
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 Sample : VX0517WBS01
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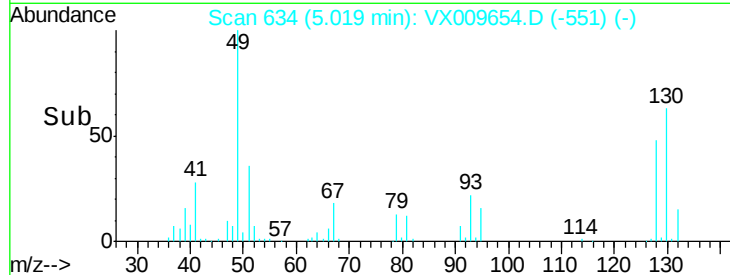
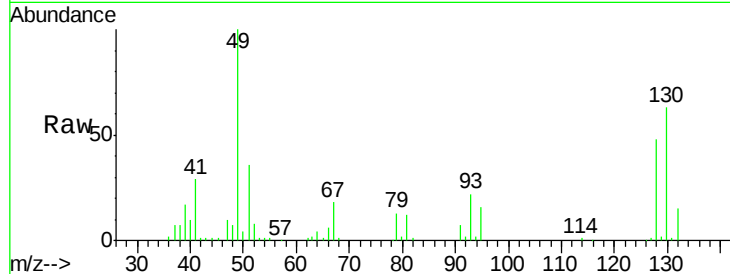
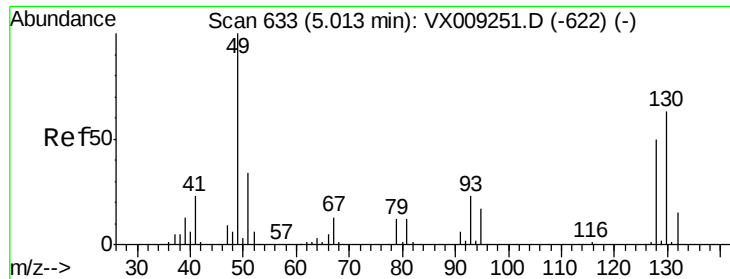
Instrument :
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 ClientSampleId :
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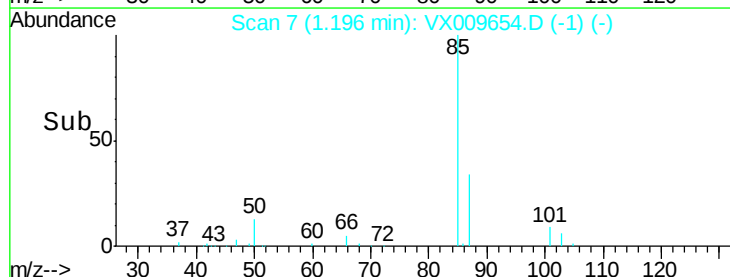
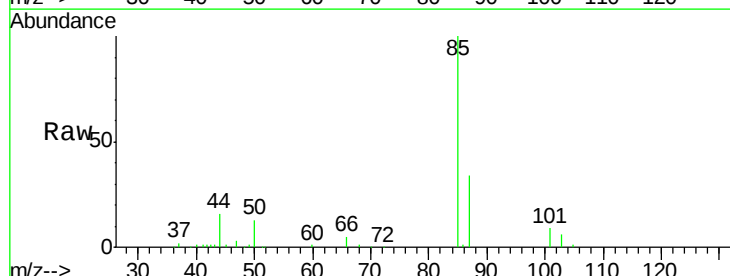
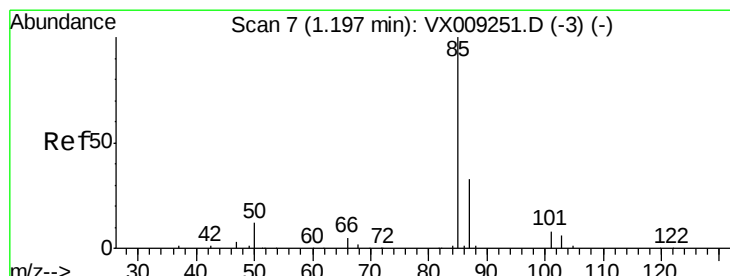
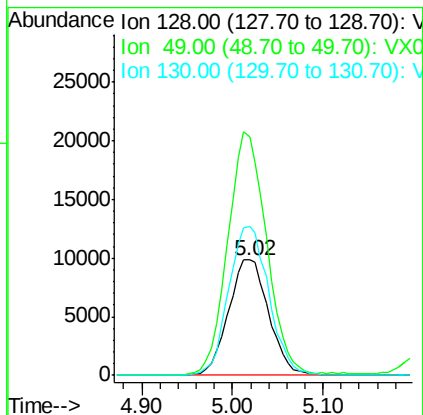
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Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tot Ion	Ratio	Lower	Upper
128	100		
49	203.7	0.0	515.0
130	127.9	0.0	323.3

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

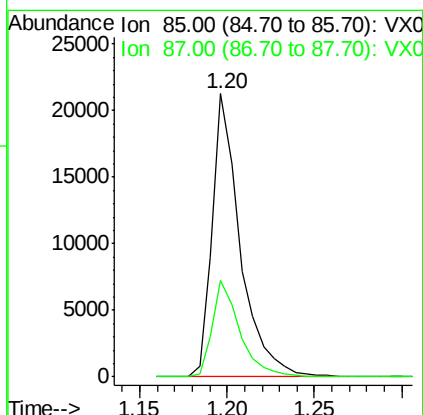
Manual Integrations
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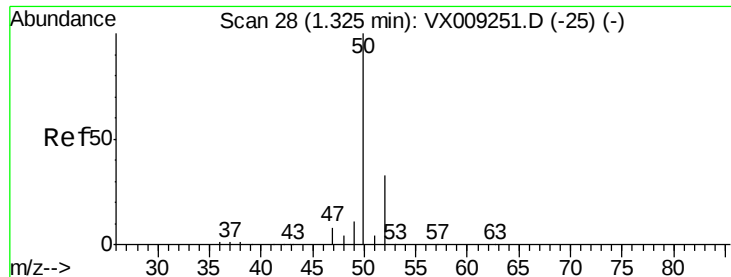
MMDadoda
5/20/2019 11:16:42 AM



#2
Dichlorodifluoromethane
Concen: 14.700 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.3	48.9





#3

Chloromethane

Concen: 17.933 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 50 Resp: 38845

Ion Ratio Lower Upper

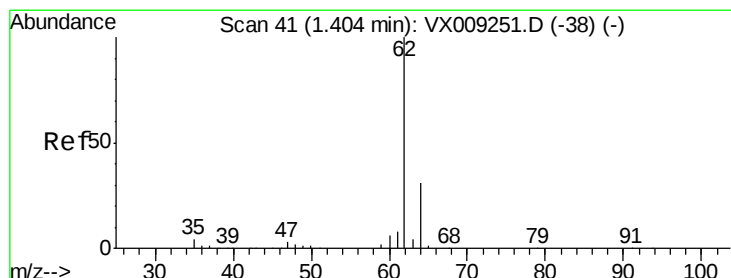
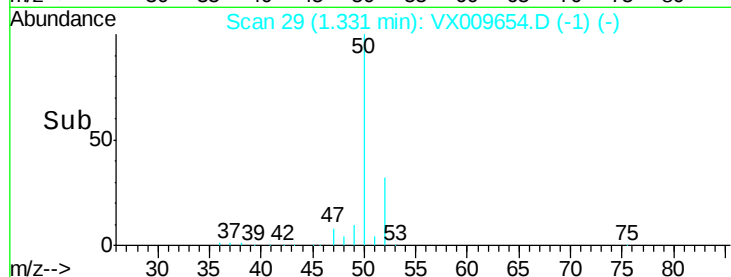
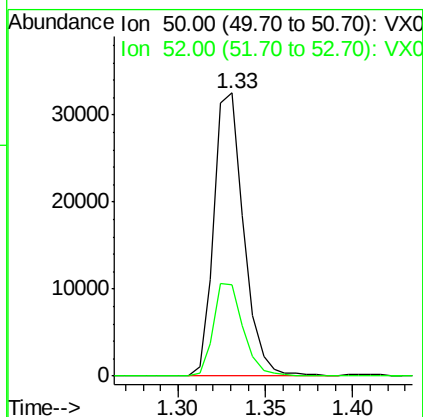
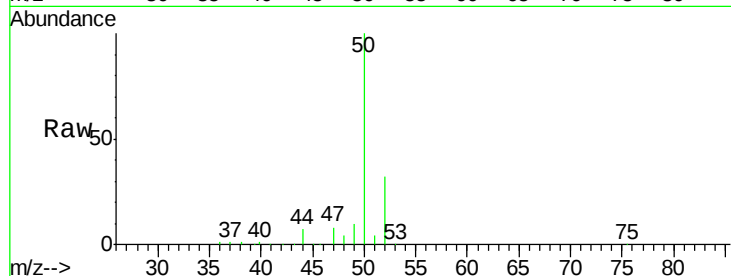
50 100

52 32.3 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.089 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009654.D

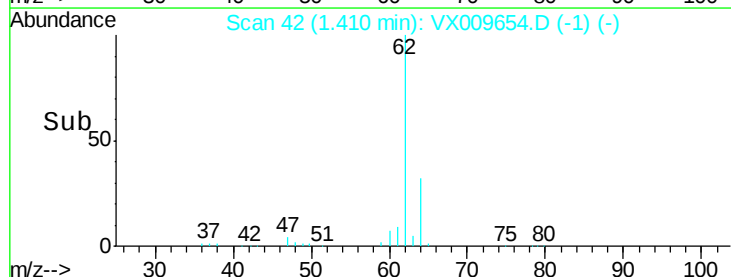
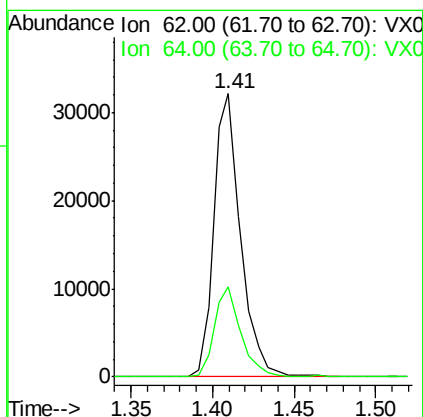
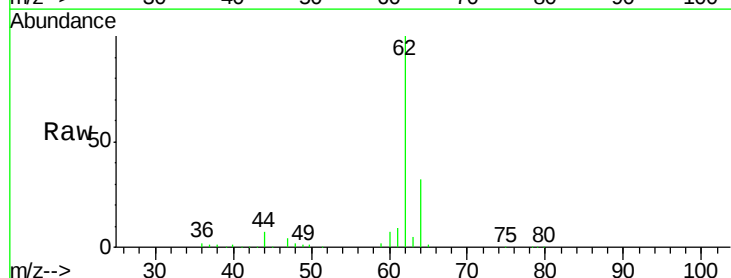
Acq: 17 May 2019 11:22

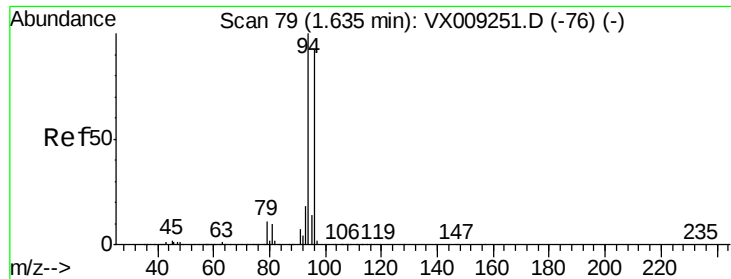
Tgt Ion: 62 Resp: 36929

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 17.624 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 94 Resp: 24142

Ion Ratio Lower Upper

94 100

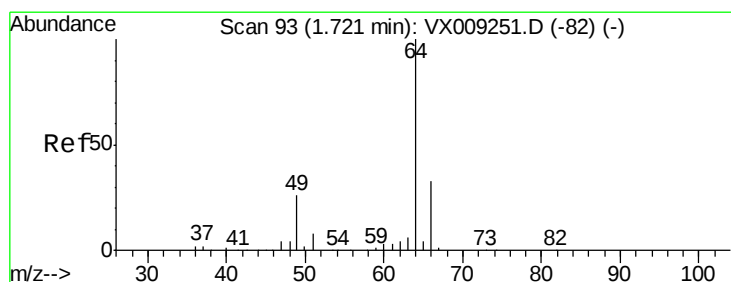
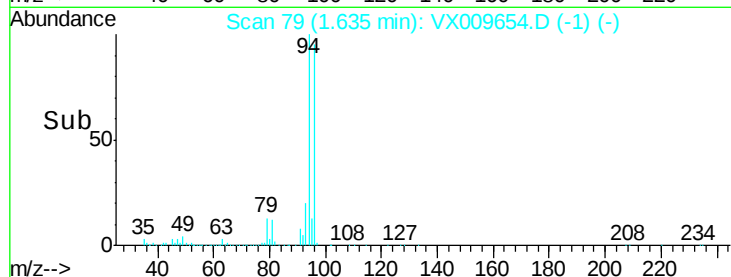
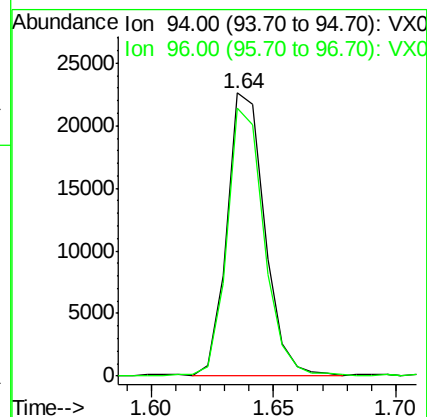
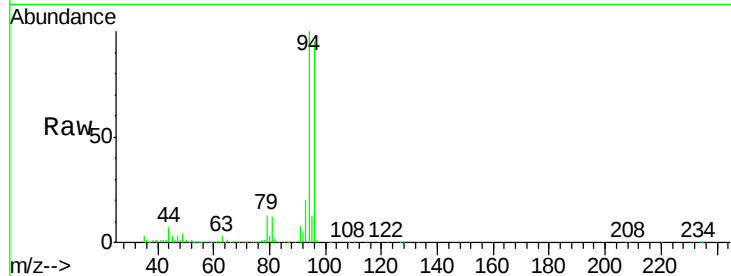
96 94.4 73.5 110.3

Manual Integrations

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#6

Chloroethane

Concen: 16.762 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009654.D

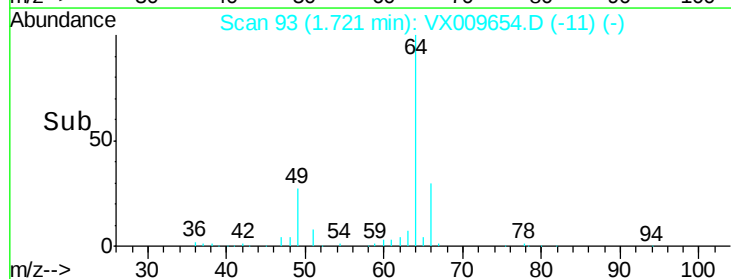
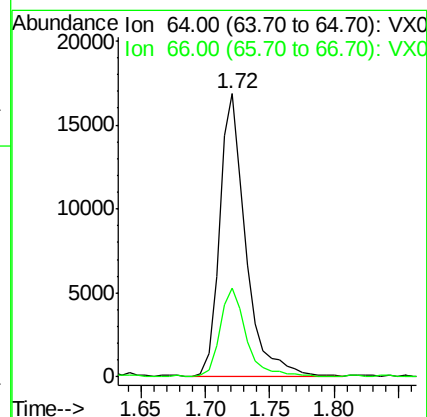
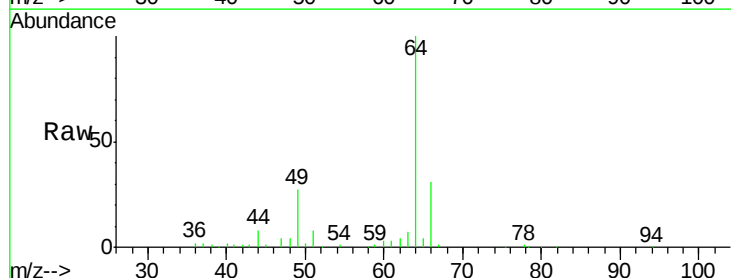
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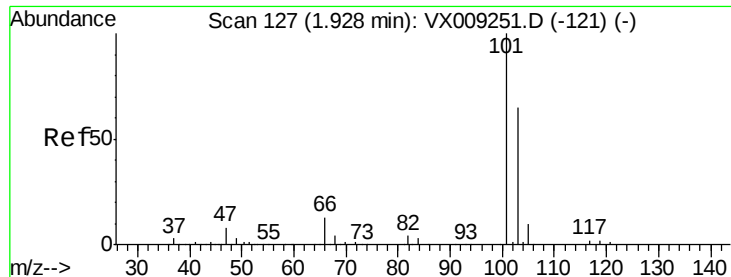
Tgt Ion: 64 Resp: 23755

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9





#7

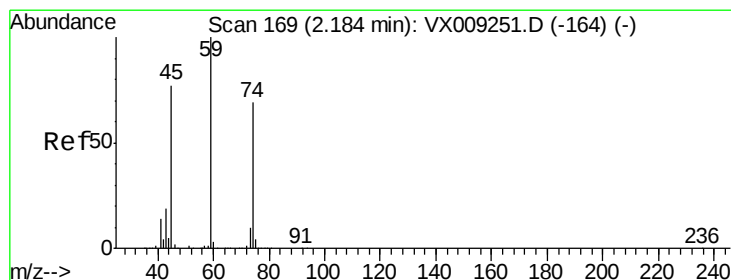
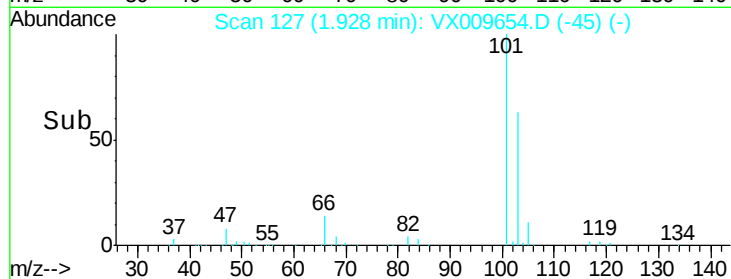
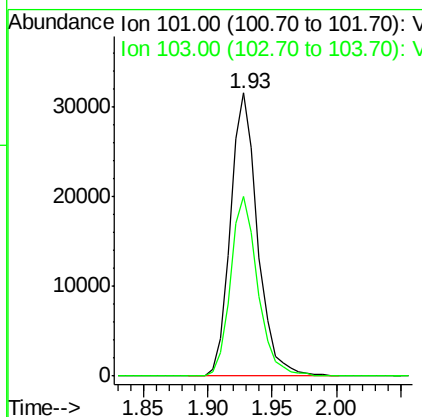
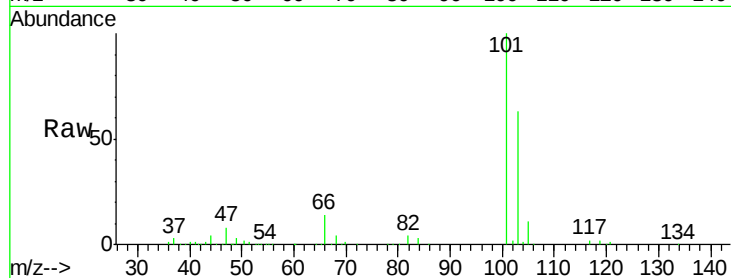
Trichlorofluoromethane
 Concen: 17.434 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	46521		
103	63.5	51.9	77.9	

Manual Integrations
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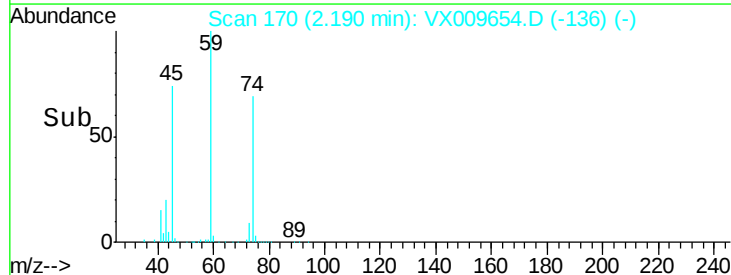
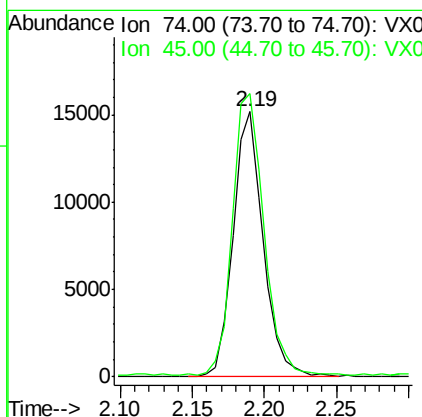
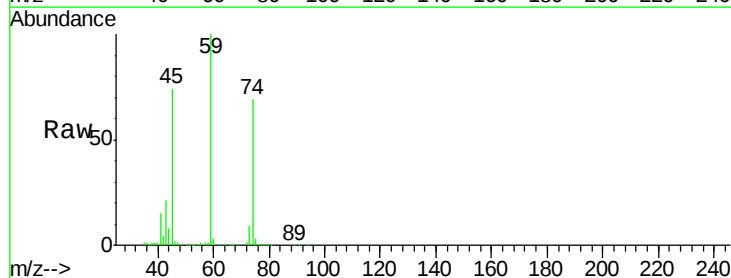
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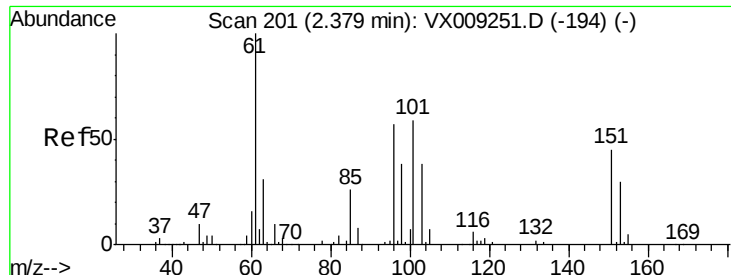


#8

Diethyl Ether
 Concen: 17.887 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009654.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	22162		
45	110.4	21.5	193.9	





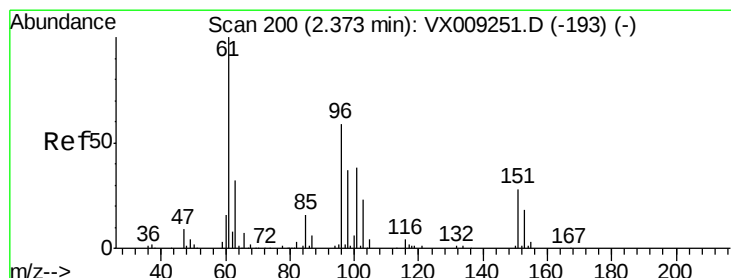
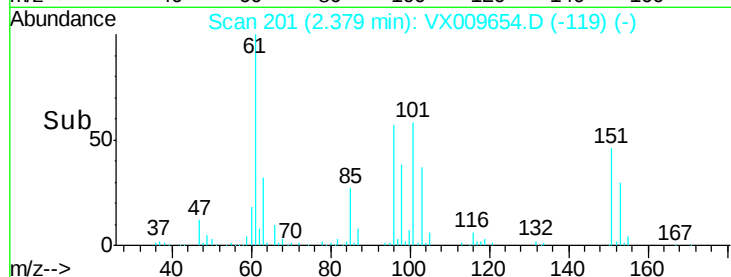
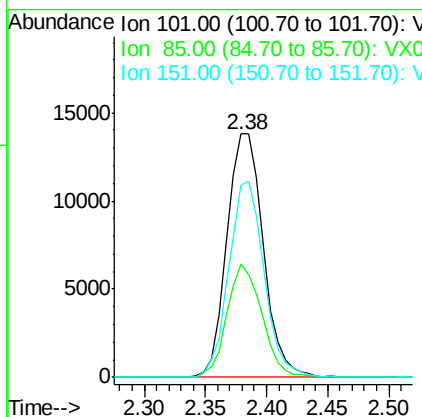
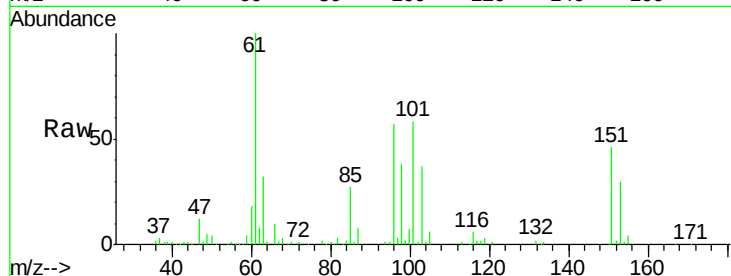
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.227 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	28461		
85	44.5	0.0	87.4	
151	77.9	0.0	157.0	

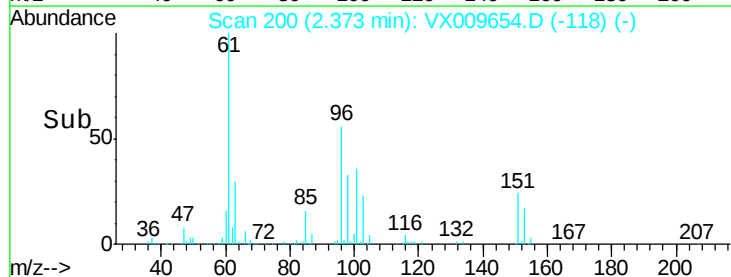
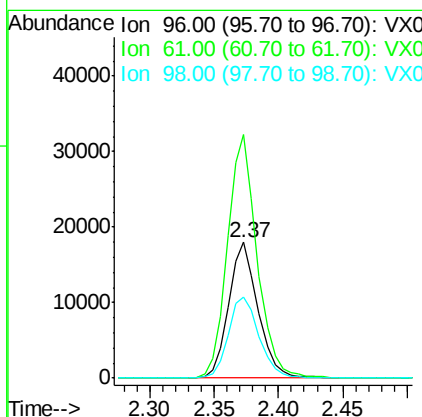
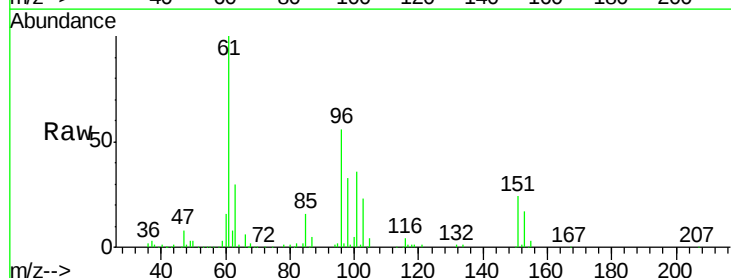
Manual Integrations
 APPROVED

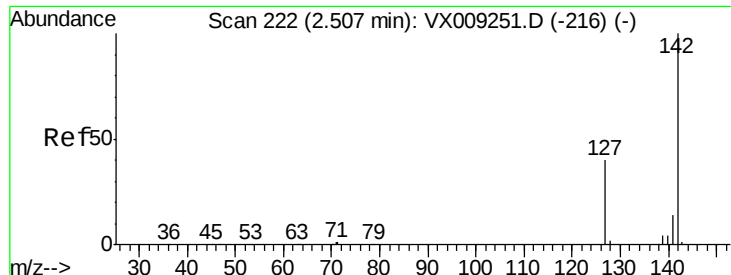
MMDadoda
 5/20/2019 11:16:42 AM



#10
 1,1-Dichloroethene
 Concen: 17.245 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28606		
61	179.2	136.5	204.7	
98	59.5	51.0	76.4	





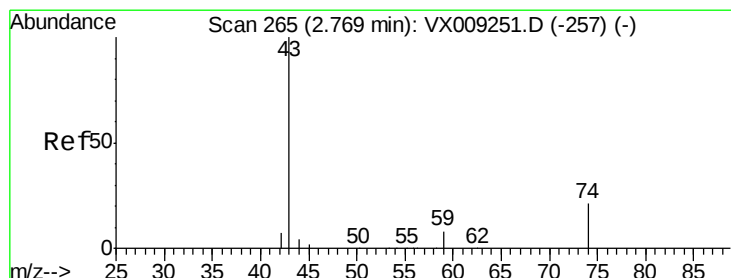
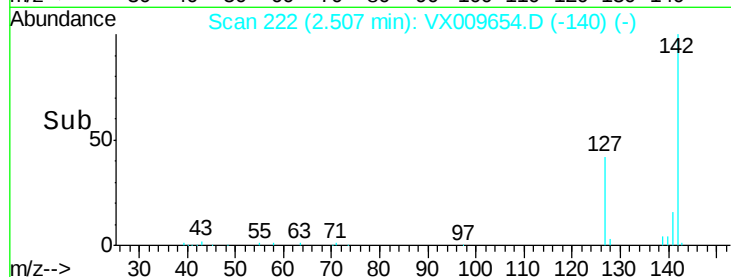
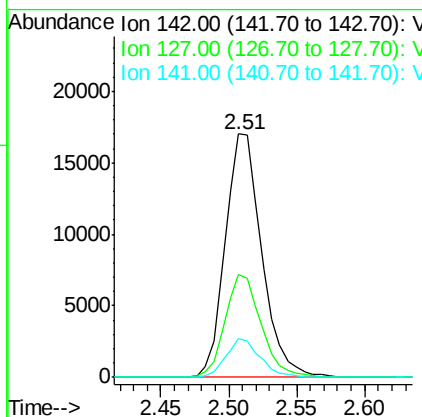
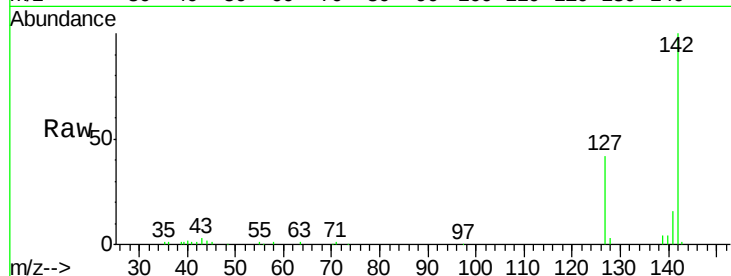
#11
Methvl Iodide
Concen: 17.642 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.2	20.2	60.5
141	15.7	6.9	20.7

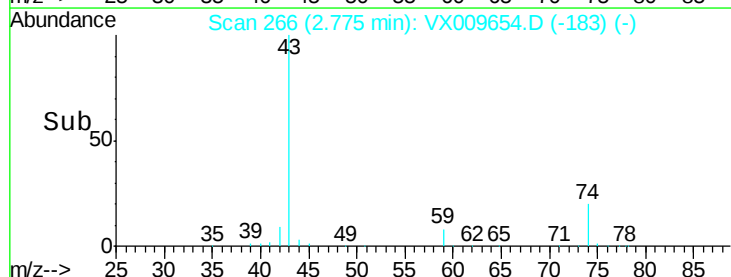
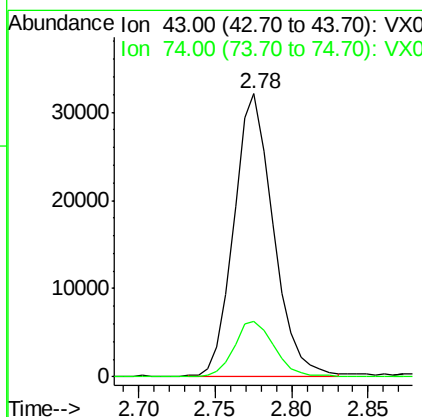
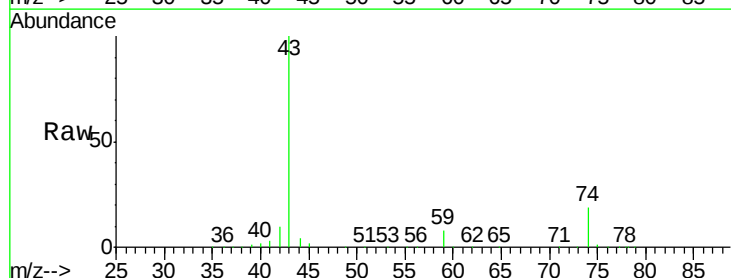
Manual Integrations
APPROVED

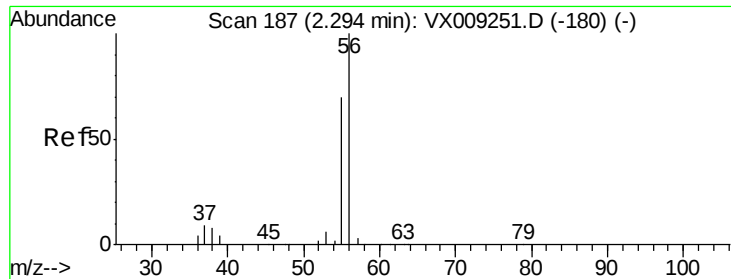
MMDadoda
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#12
Methyl Acetate
Concen: 18.266 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	16.5	24.7





#13

Acrolein

Concen: 110.295 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 56 Resp: 47266

Ion Ratio Lower Upper

56 100

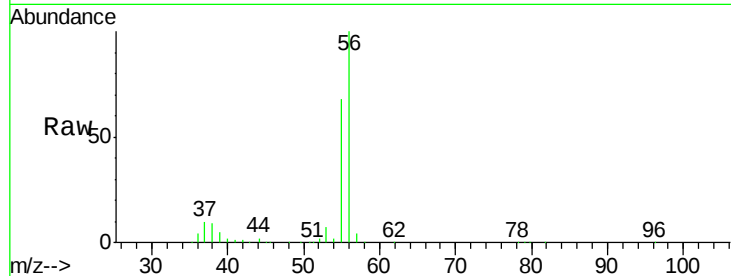
55 72.2 56.9 85.3

Manual Integrations

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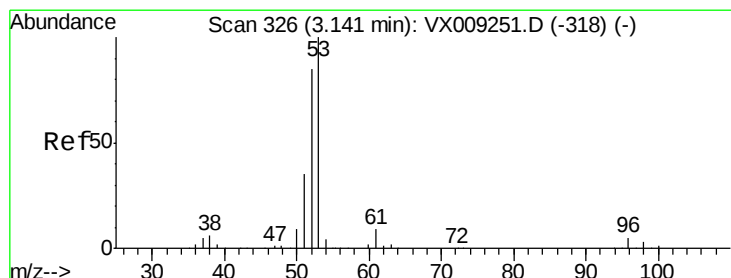
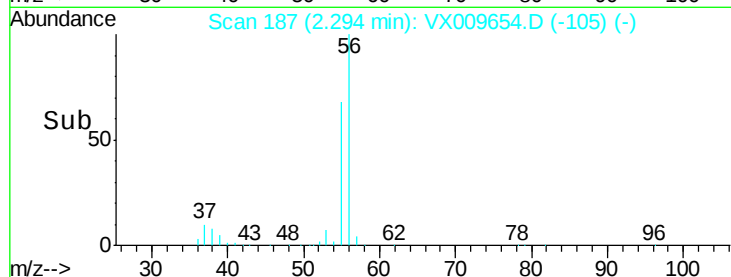
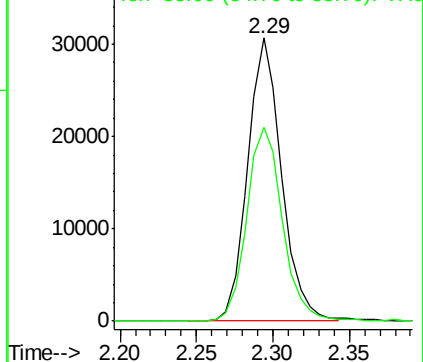
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 94.286 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

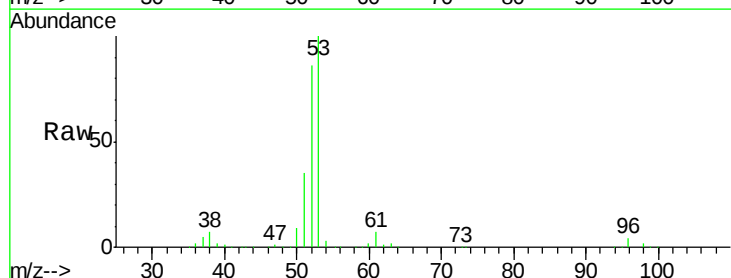
Tgt Ion: 53 Resp: 127850

Ion Ratio Lower Upper

53 100

52 84.1 41.5 124.5

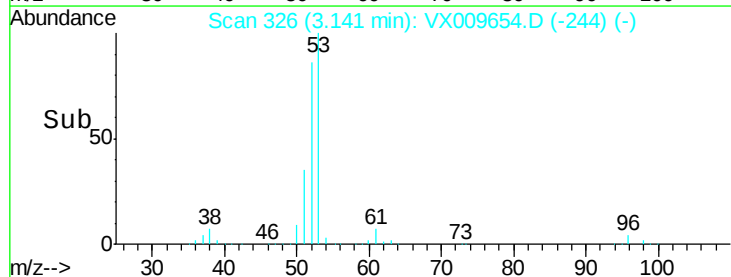
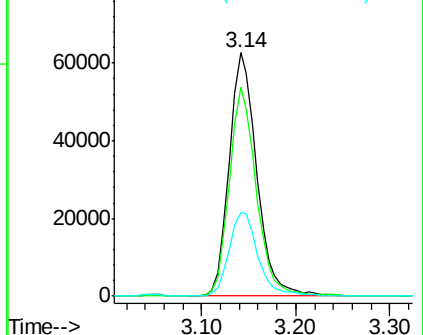
51 36.2 17.8 53.3

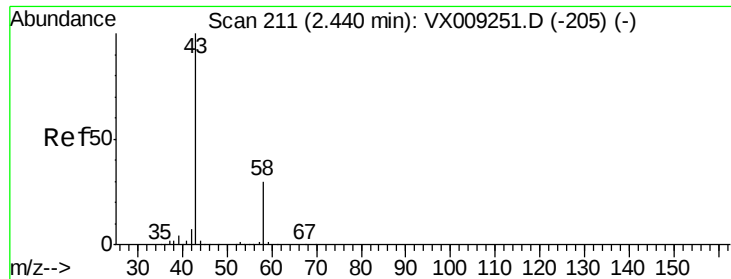


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 93.651 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 58 Resp: 36460

Ion Ratio Lower Upper

58 100

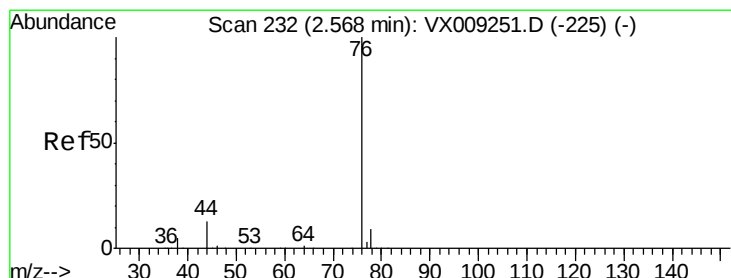
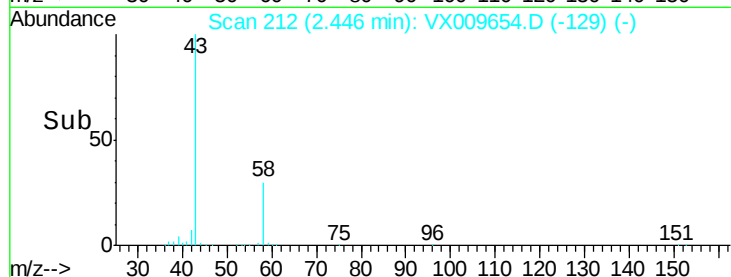
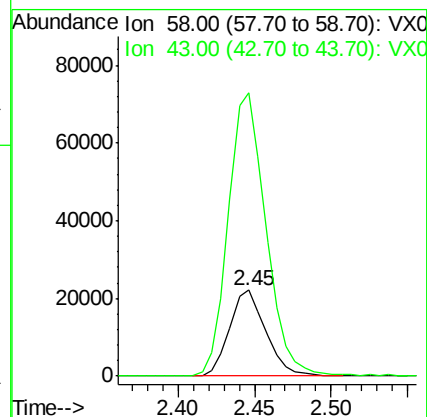
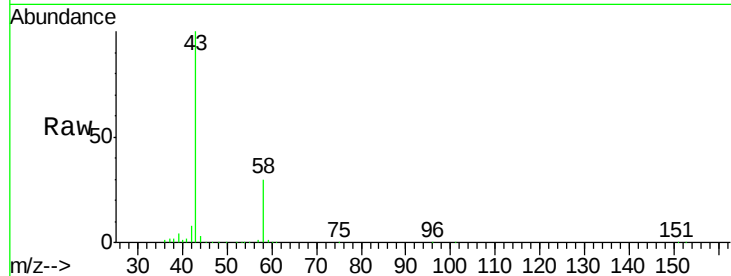
43 328.9 264.0 396.0

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.333 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009654.D

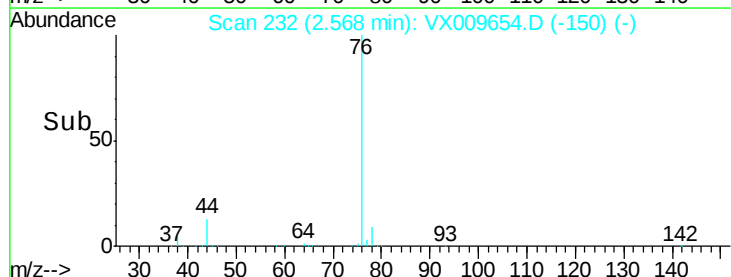
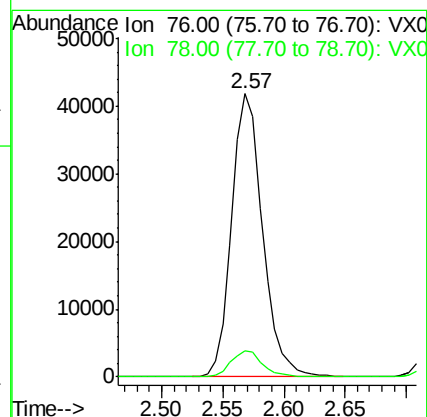
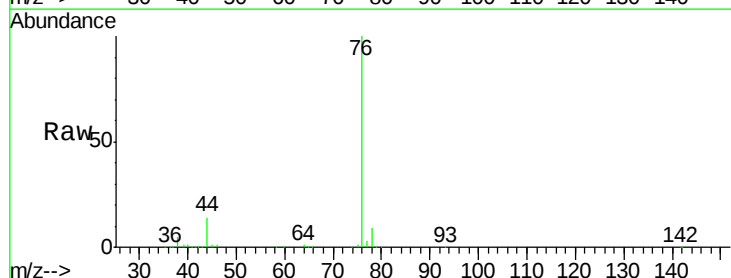
Acq: 17 May 2019 11:22

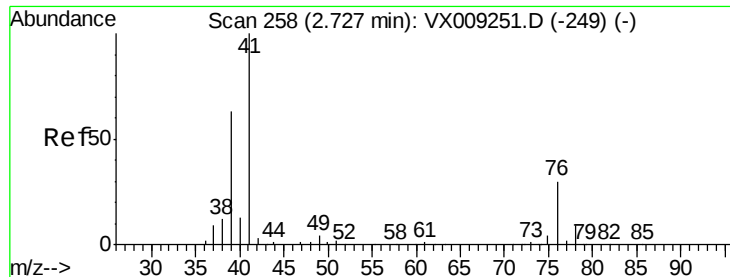
Tgt Ion: 76 Resp: 73309

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





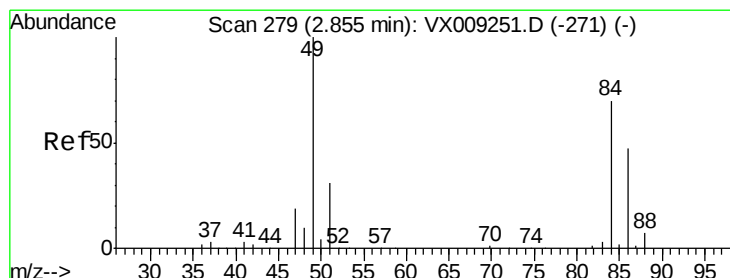
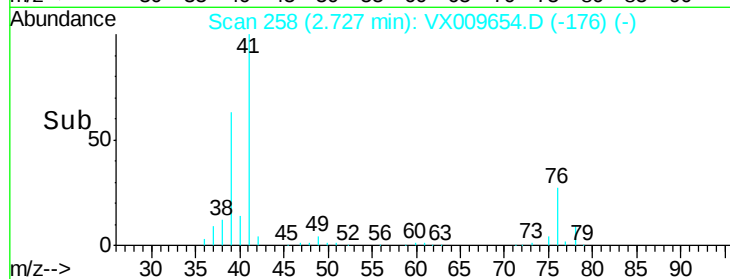
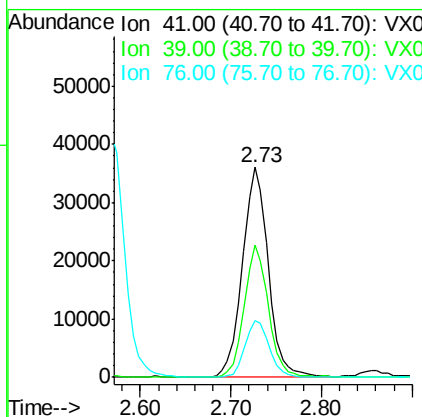
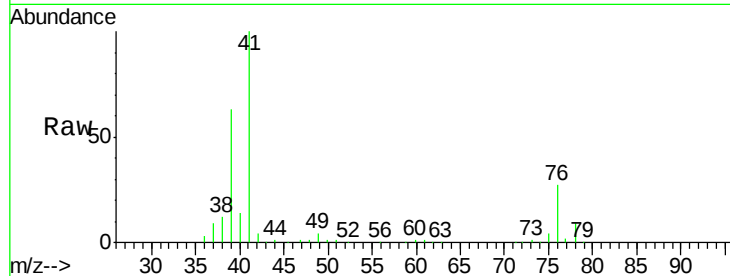
#17
Allvl chloride
Concen: 17.842 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.6	31.6	94.7
76	27.1	15.1	45.3

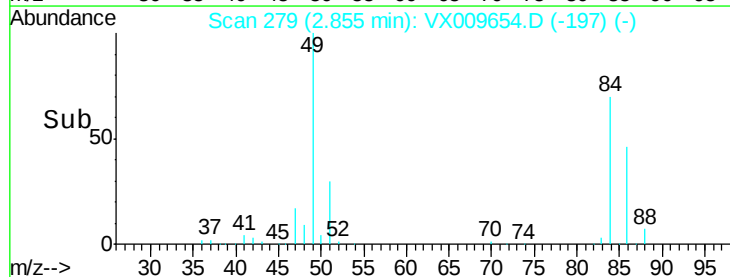
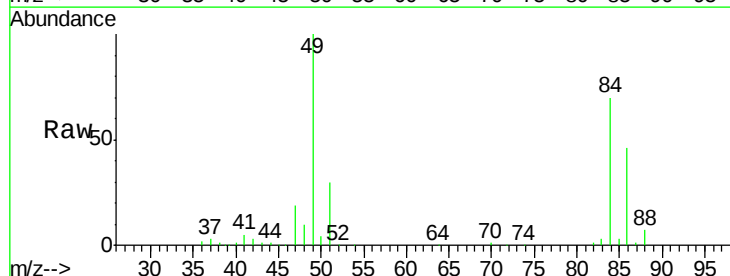
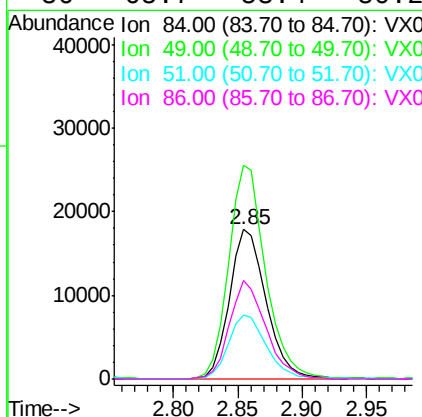
Manual Integrations
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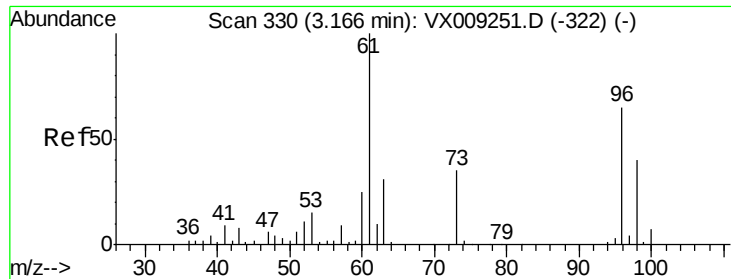
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#18
Methylene Chloride
Concen: 17.727 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.3	114.6	171.8
51	42.5	35.5	53.3
86	65.7	53.4	80.2





#19

trans-1,2-Dichloroethene

Concen: 17.477 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 96 Resp: 30912

Ion Ratio Lower Upper

96 100

61 150.6 122.7 184.1

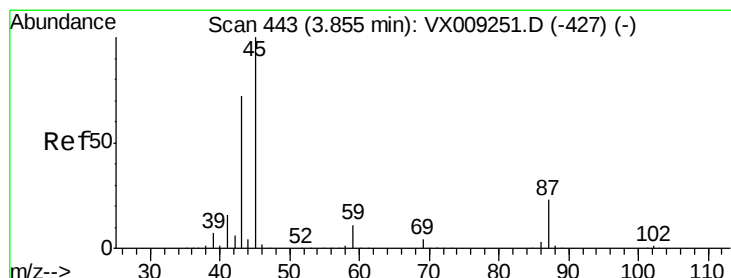
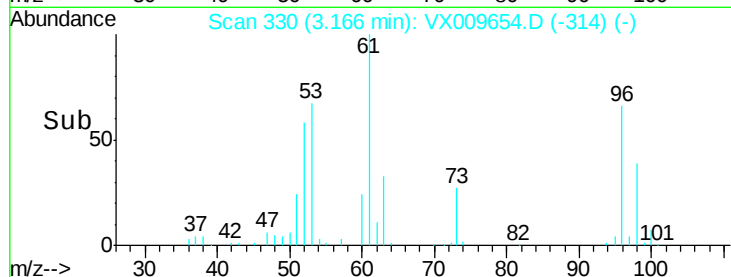
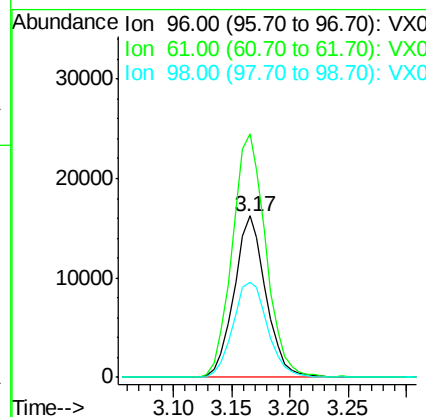
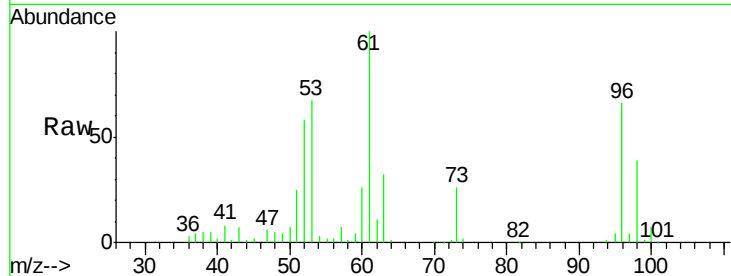
98 58.6 49.5 74.3

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#20

Diisopropyl ether

Concen: 18.063 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion: 45 Resp: 141660

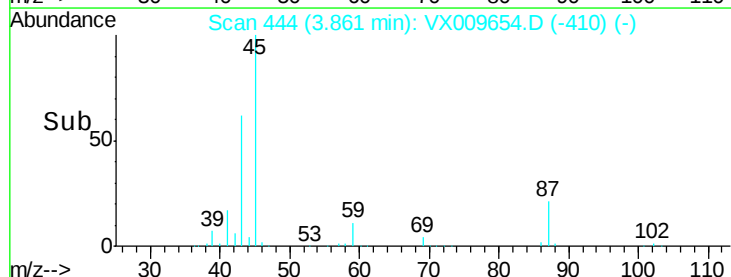
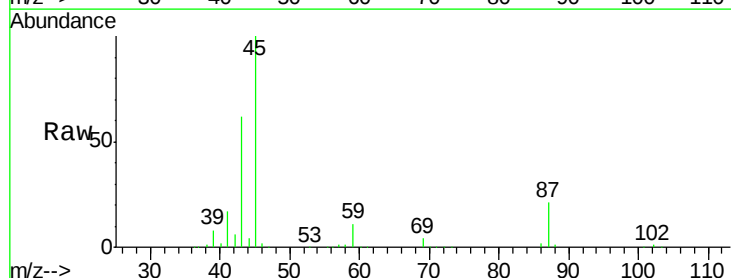
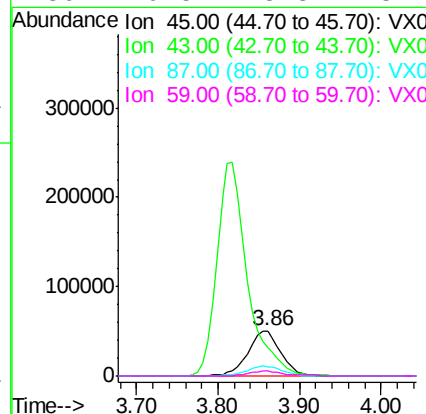
Ion Ratio Lower Upper

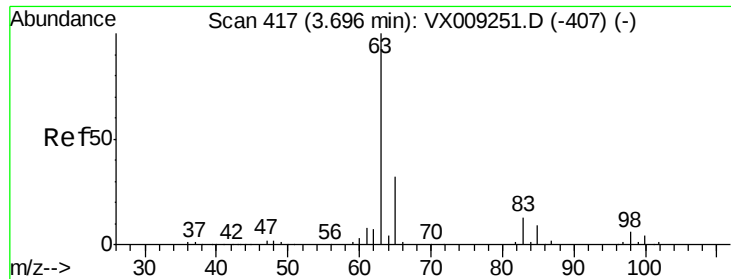
45 100

43 60.9 57.7 86.5

87 20.7 18.5 27.7

59 10.5 8.8 13.2





#21

1,1-Dichloroethane

Concen: 17.712 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

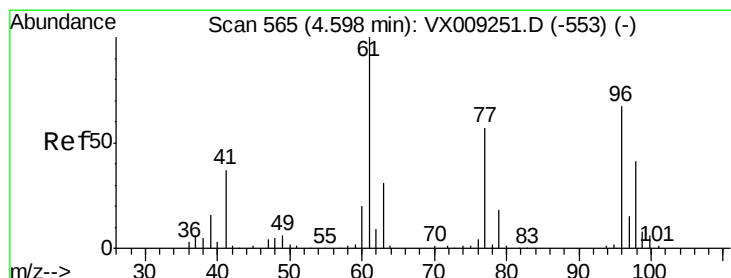
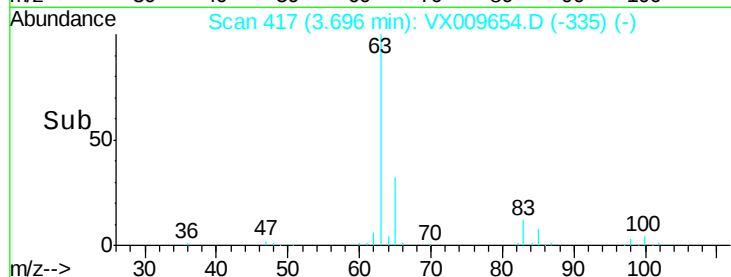
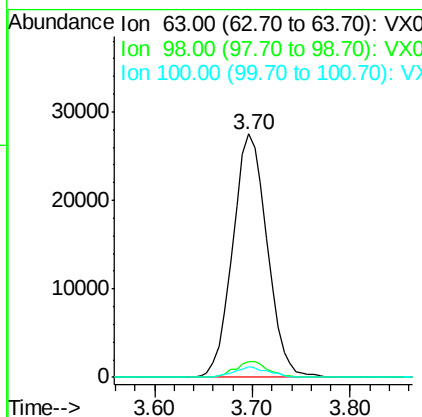
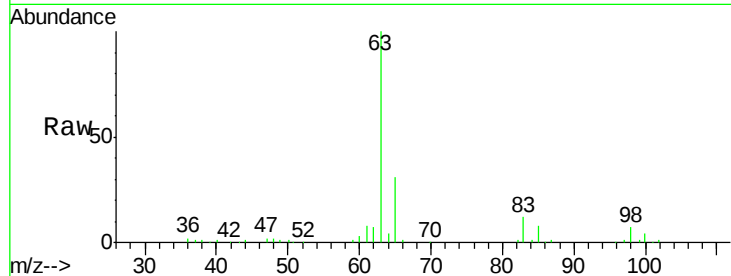
ClientSampleId :

VX0517WBS01

Tot Ion:	63	Resp:	67223
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.3
100	4.3	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 17.676 ug/l

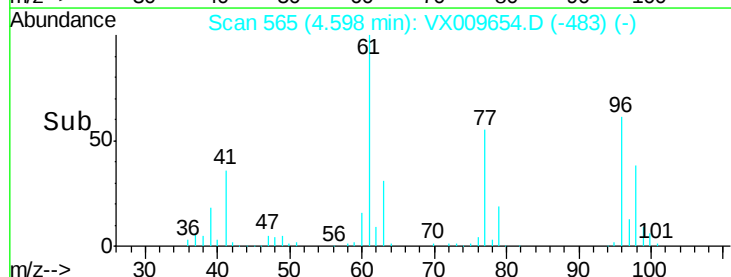
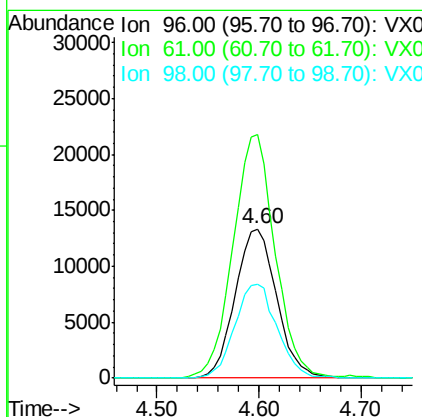
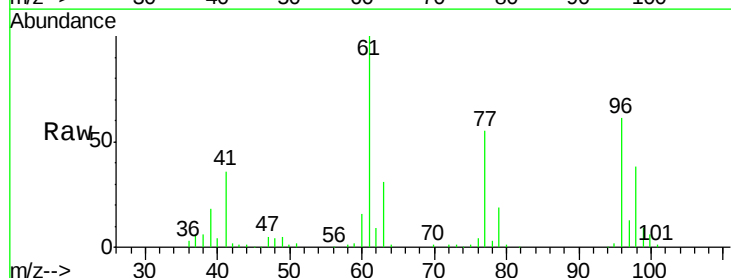
RT: 4.60 min Scan# 565

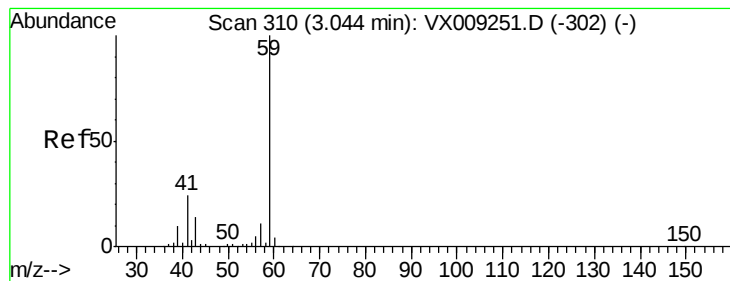
Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion:	96	Resp:	37658
Ion	Ratio	Lower	Upper
96	100		
61	165.4	127.7	191.5
98	64.1	50.5	75.7





#23

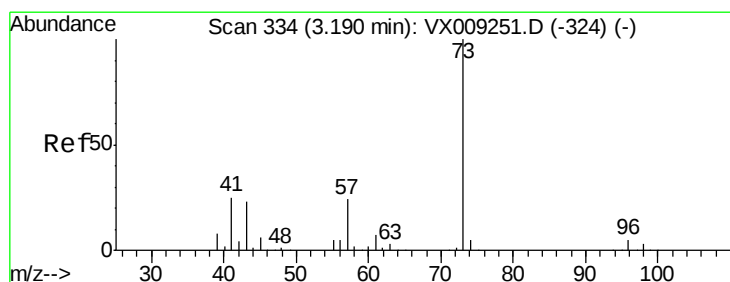
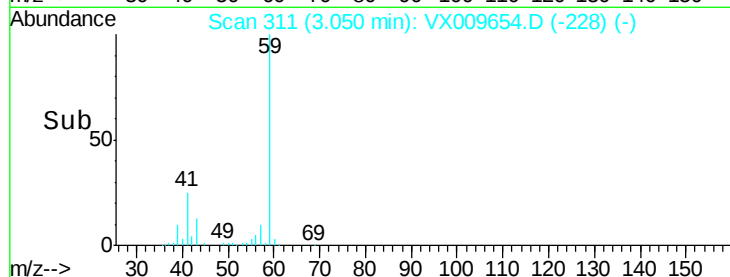
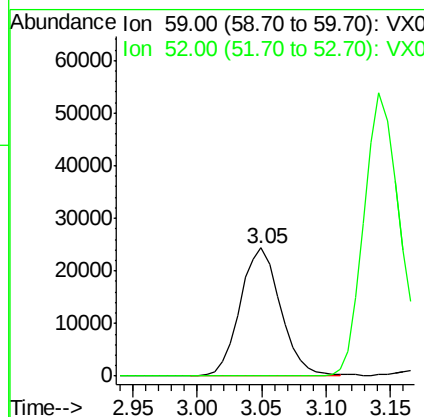
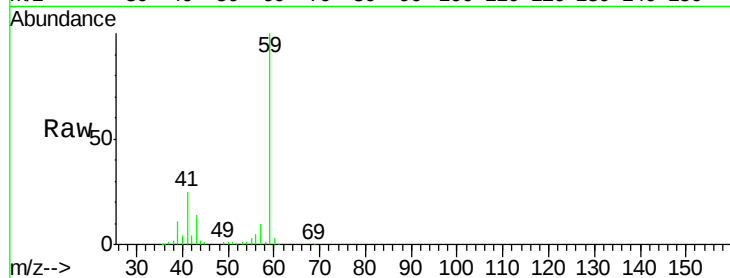
tert-Butyl Alcohol
 Concen: 91.769 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

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

Manual Integrations
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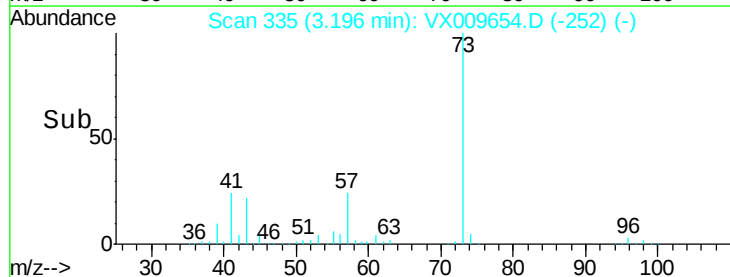
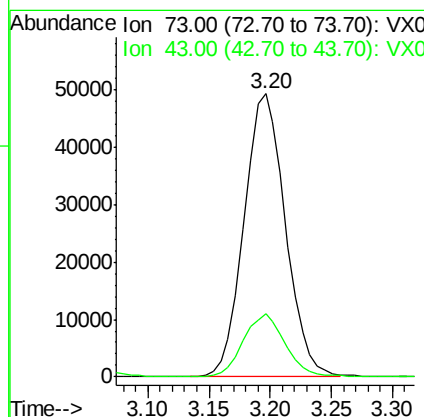
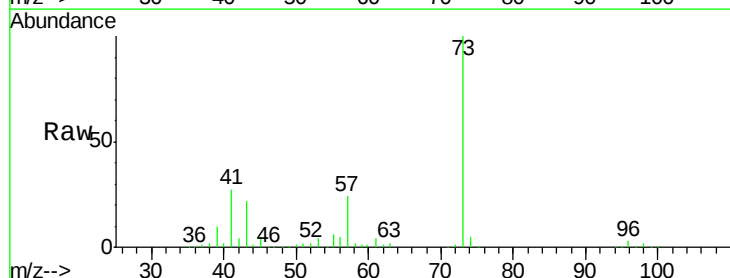
MMDadoda
 5/20/2019 11:16:42 AM

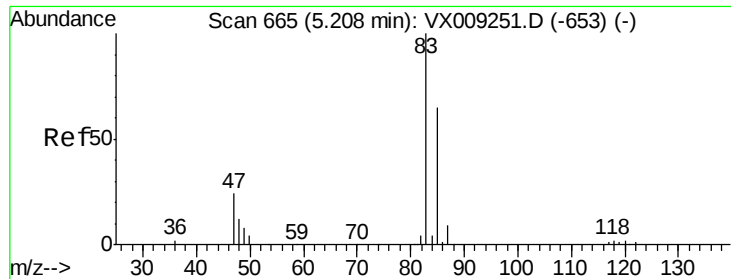


#24

Methyl tert-Butyl Ether
 Concen: 17.864 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion	73	43	Ratio	Lower	Upper
73	100				
43	22.0		17.6	26.4	





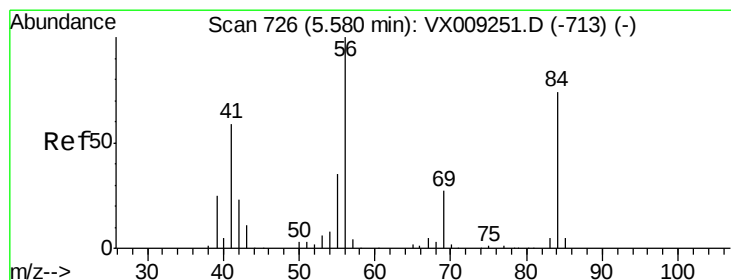
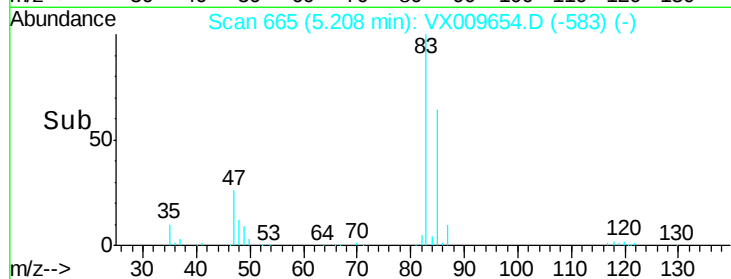
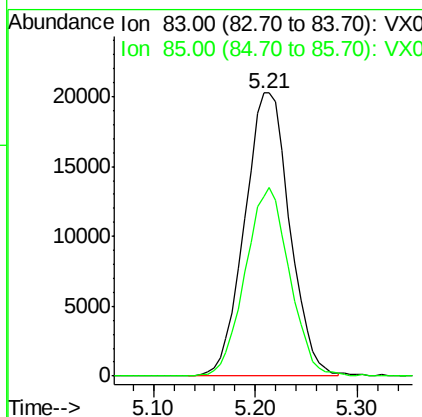
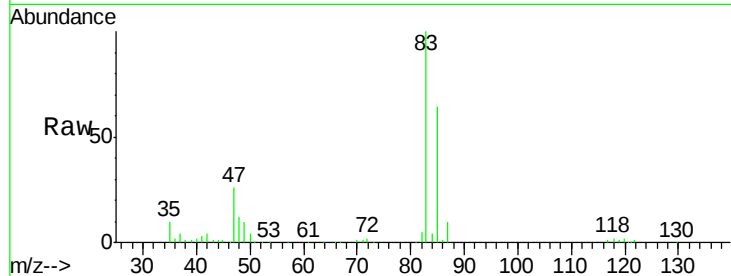
#25
Chloroform
Concen: 17.990 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	83	Resp	62310
Ion Ratio	100	Lower	Upper
85	63.7	51.9	77.9

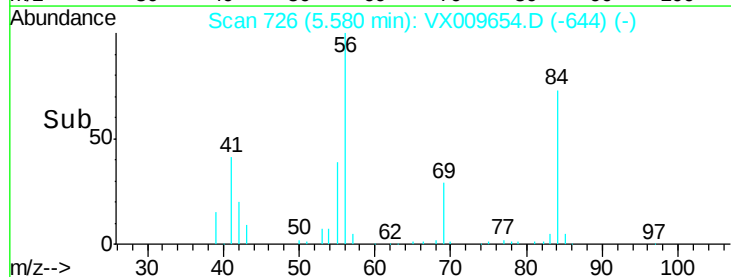
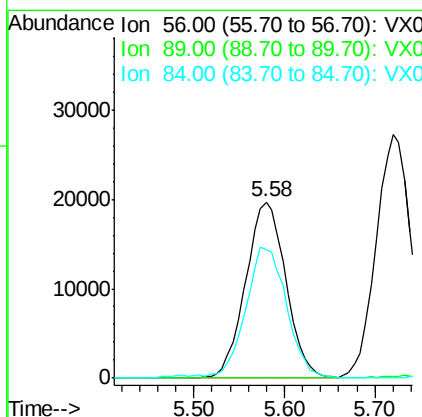
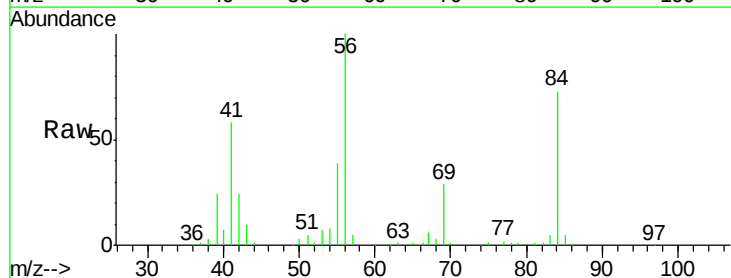
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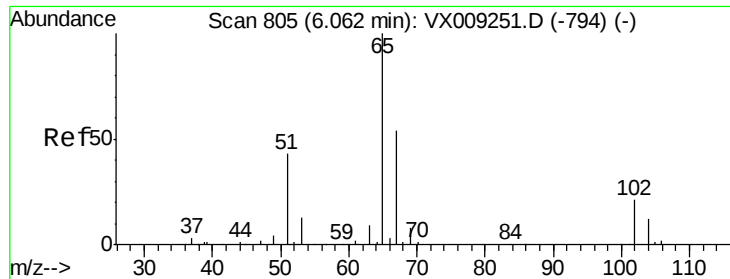
MMDadoda
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#26
Cyclohexane
Concen: 17.141 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	56	Resp	60632
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	75.2	59.7	89.5





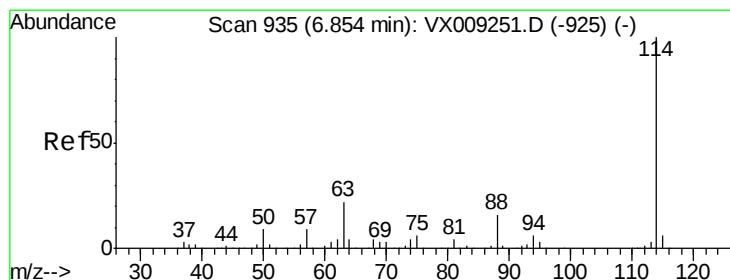
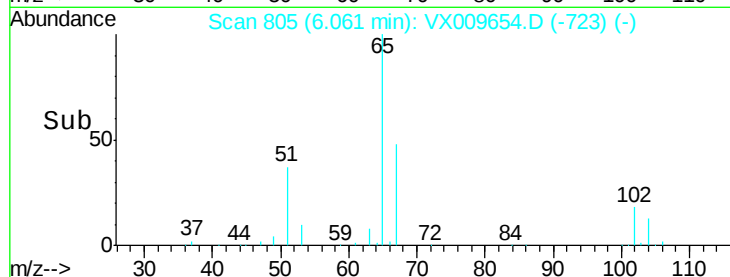
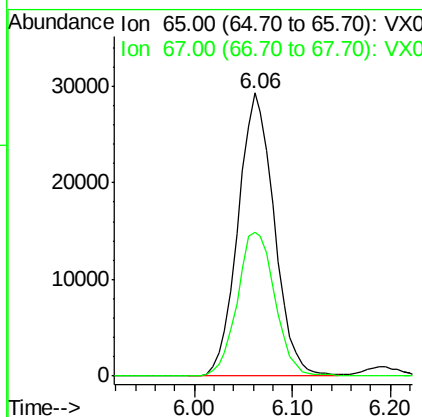
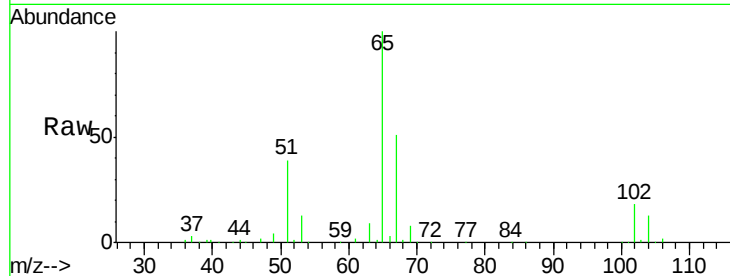
#27
 1,2-Dichloroethane-d4
 Concen: 29.961 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion: 65 Resp: 75378
 Ion Ratio Lower Upper
 65 100
 67 52.6 43.1 64.7

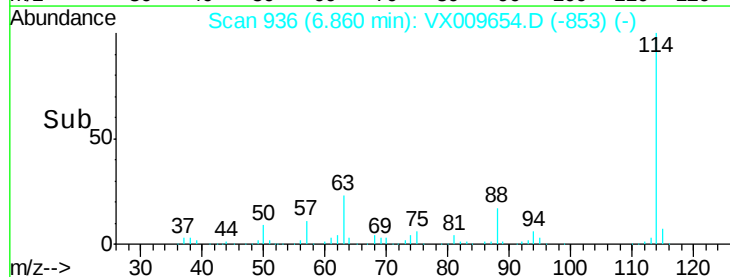
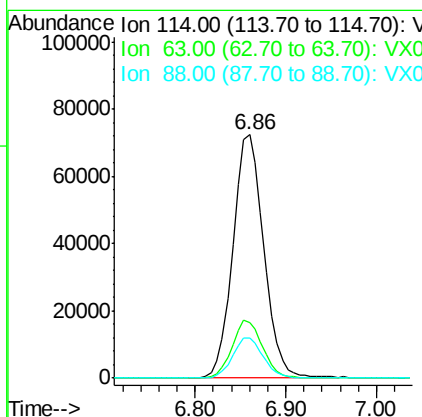
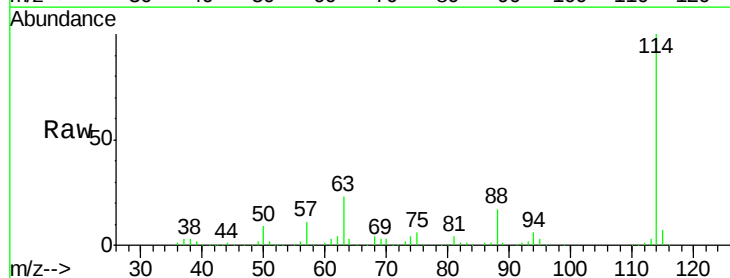
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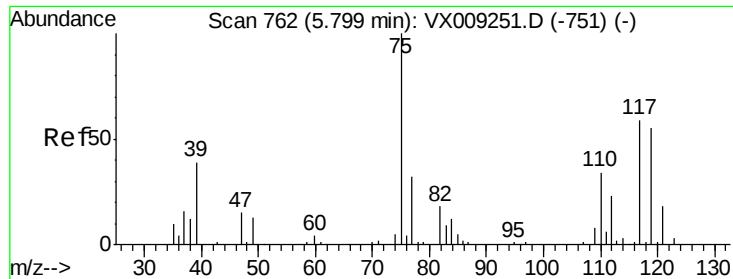
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion: 114 Resp: 171873
 Ion Ratio Lower Upper
 114 100
 63 23.5 18.0 27.0
 88 16.5 13.4 20.0





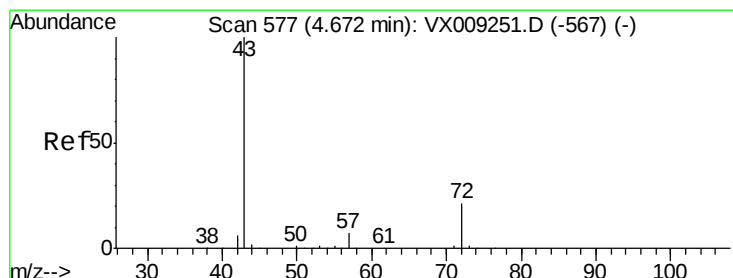
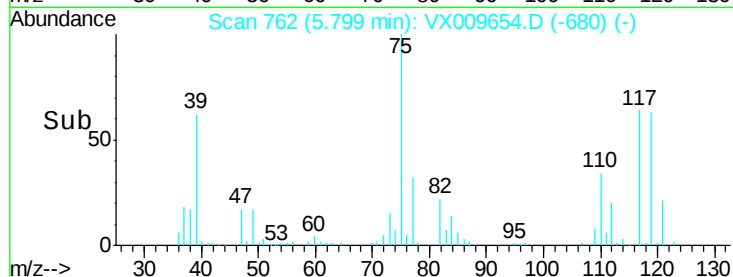
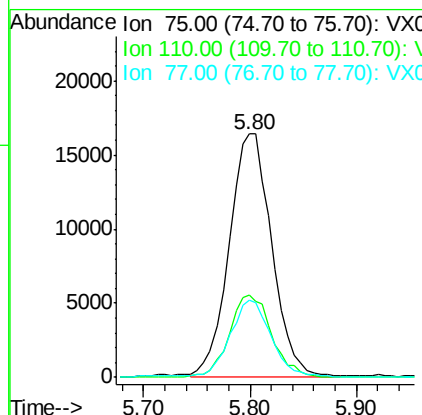
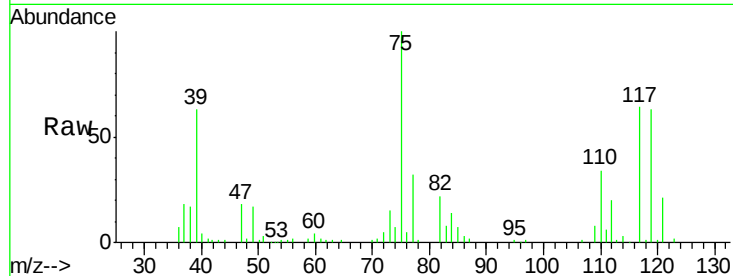
#29
 1,1-Dichloropropene
 Concen: 18.300 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	66.4
77	29.3	0.0	62.2

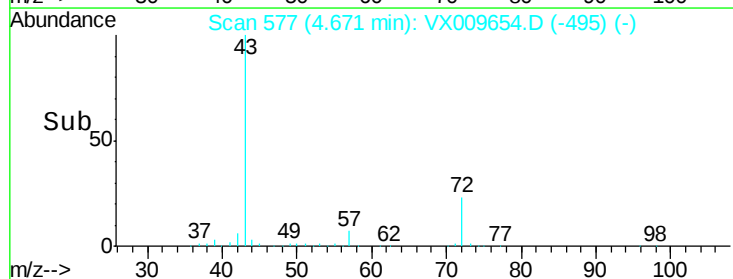
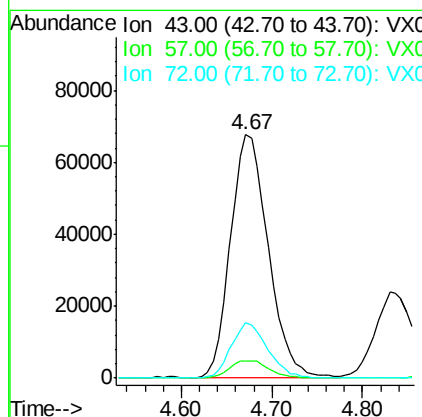
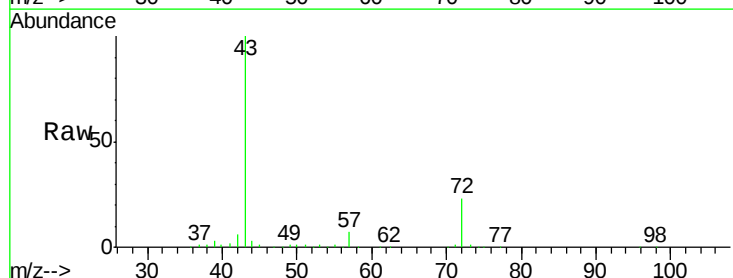
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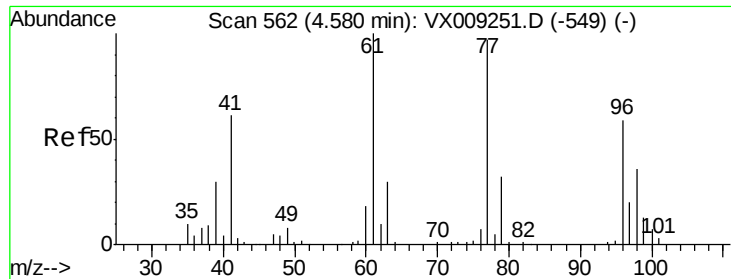
MMDadoda
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#30
 2-Butanone
 Concen: 98.449 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.0	9.0
72	22.2	18.2	27.4





#31

2,2-Dichloropropane

Concen: 17.951 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 77 Resp: 49910

Ion Ratio Lower Upper

77 100

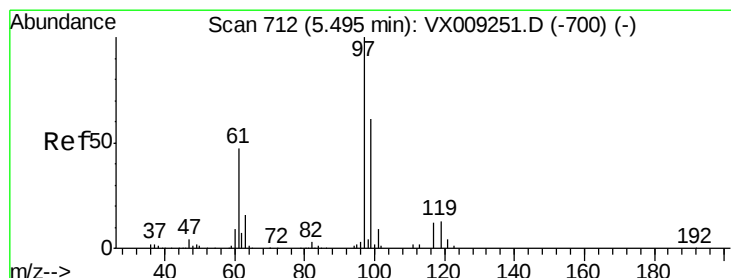
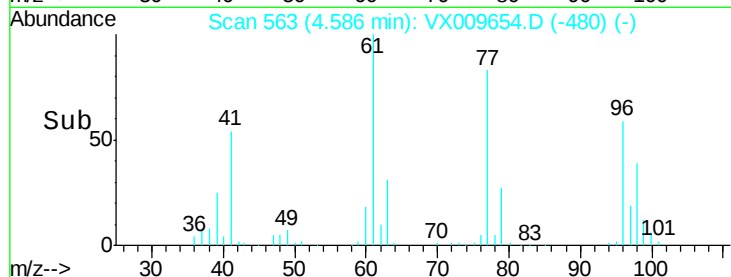
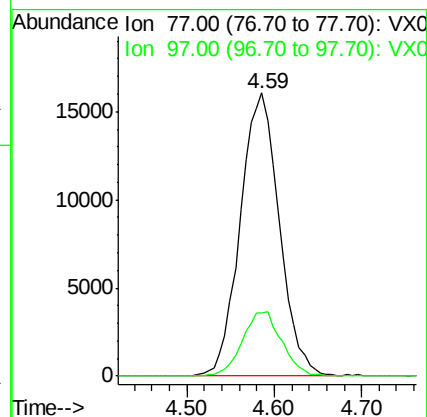
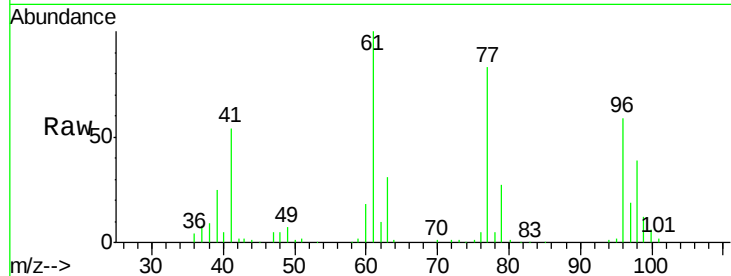
97 22.9 18.3 27.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.352 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

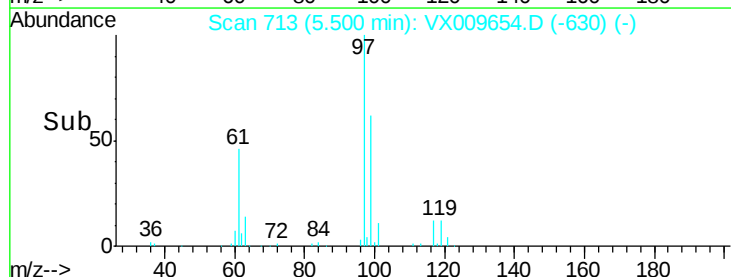
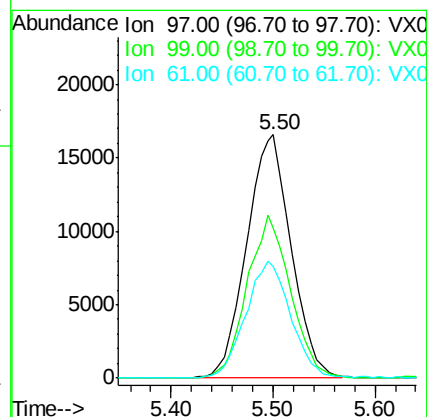
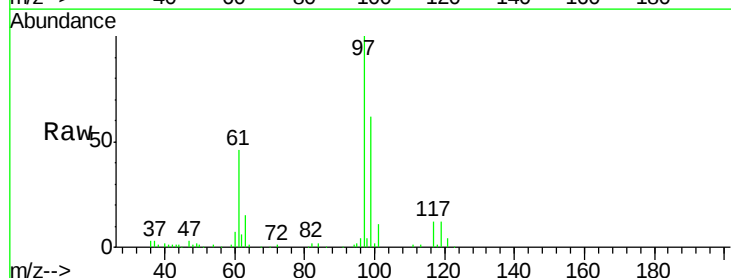
Tgt Ion: 97 Resp: 50174

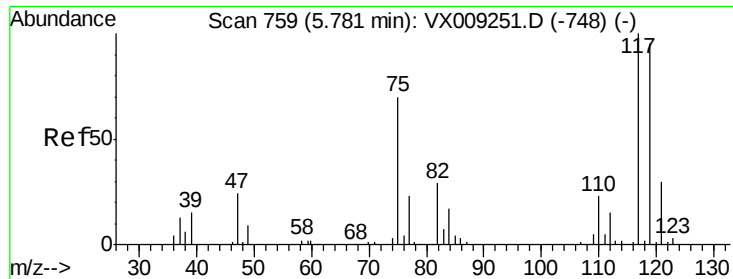
Ion Ratio Lower Upper

97 100

99 65.2 53.9 80.9

61 48.7 38.6 58.0





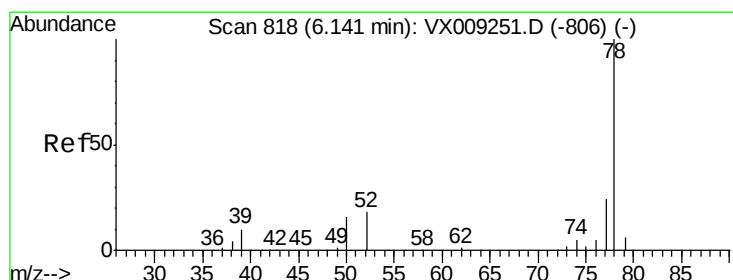
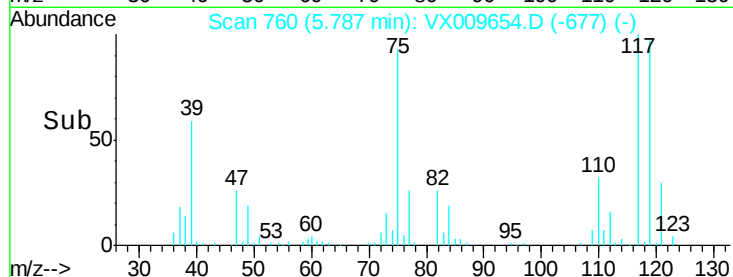
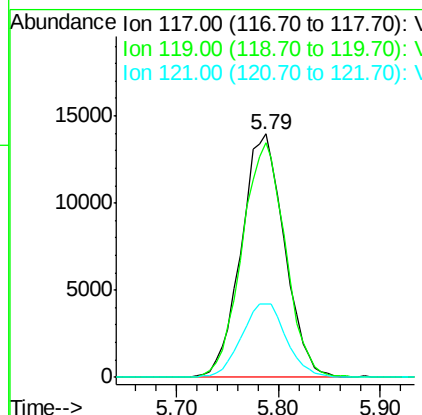
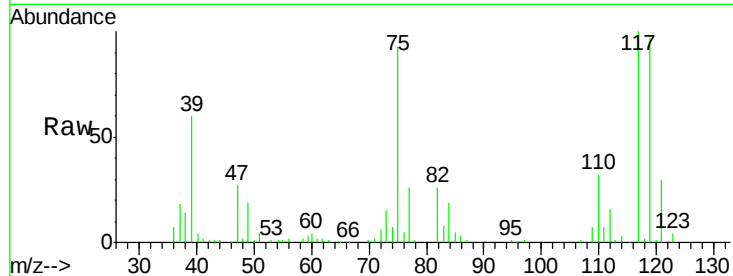
#33
Carbon Tetrachloride
Concen: 18.006 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	30.1	24.4	36.6

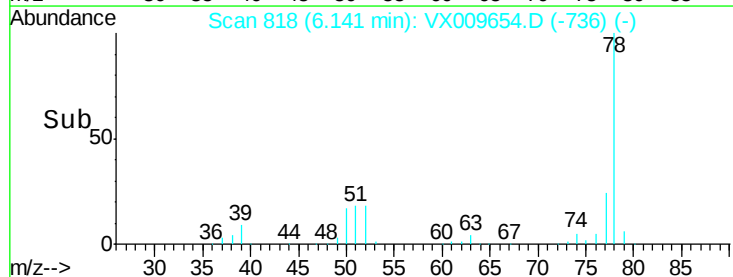
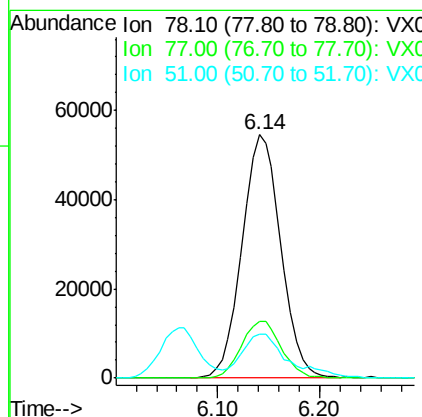
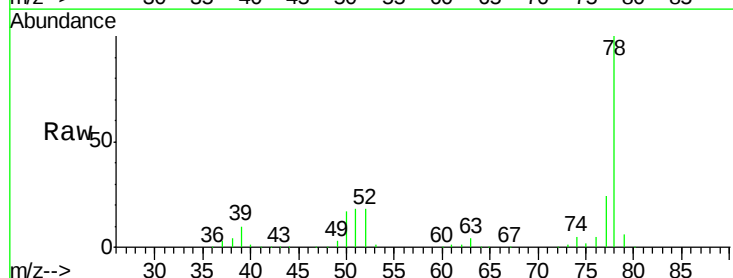
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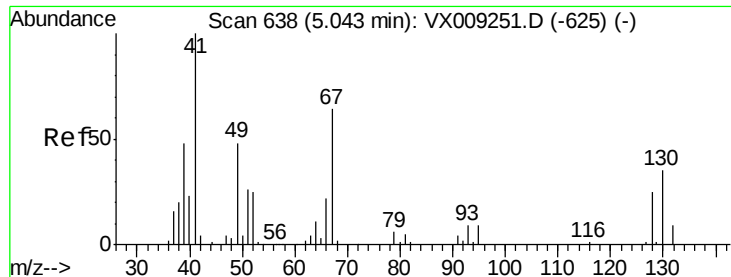
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#34
Benzene
Concen: 18.509 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2
51	16.9	13.5	20.3





#35

Methacrylonitrile

Concen: 18.977 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 41 Resp: 39213

Ion Ratio Lower Upper

41 100

39 53.6 24.1 72.3

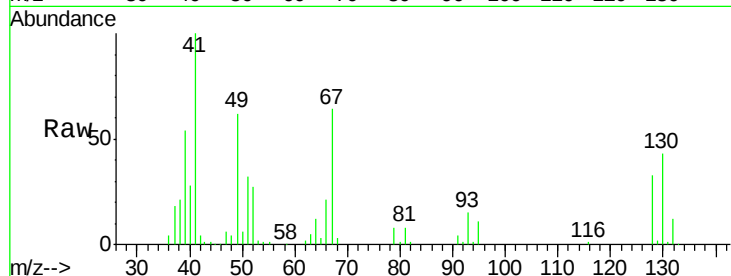
67 64.0 32.2 96.6

52 26.4 12.4 37.4

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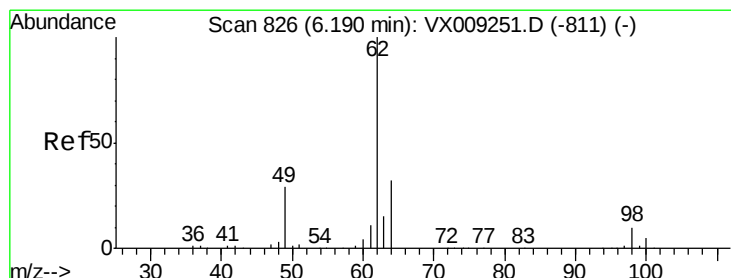
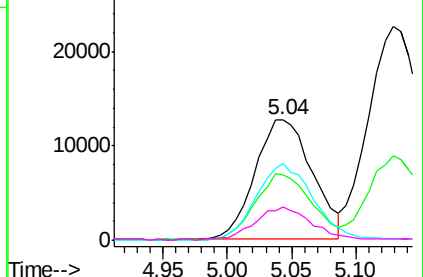
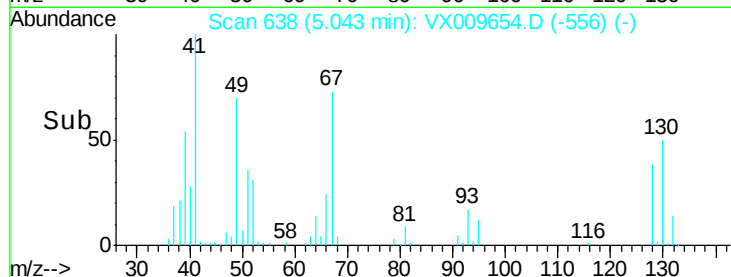


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 19.206 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009654.D

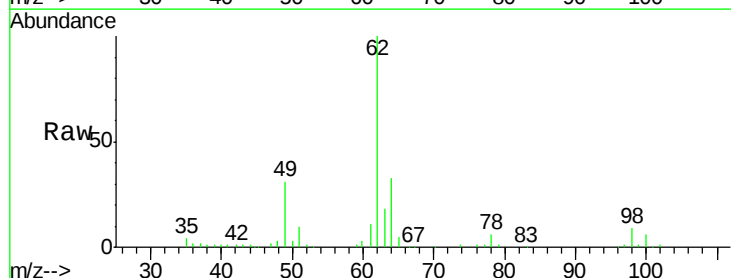
Acq: 17 May 2019 11:22

Tgt Ion: 62 Resp: 54185

Ion Ratio Lower Upper

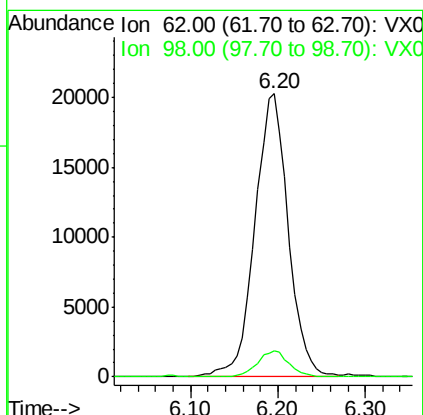
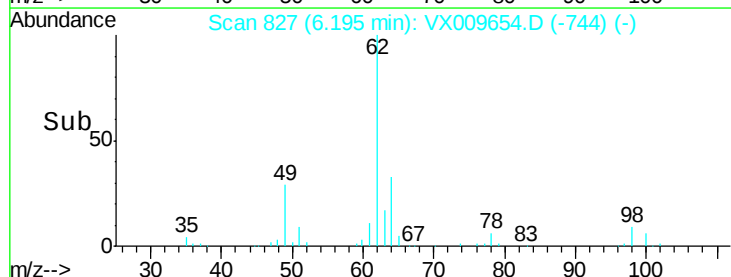
62 100

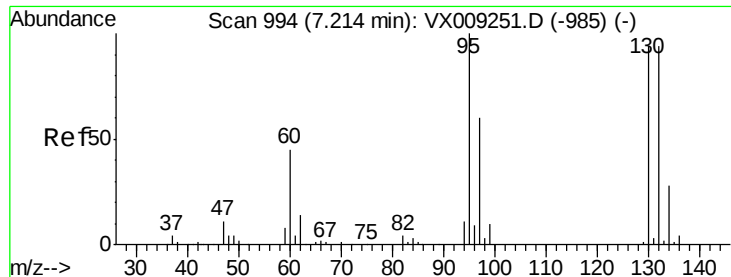
98 8.6 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





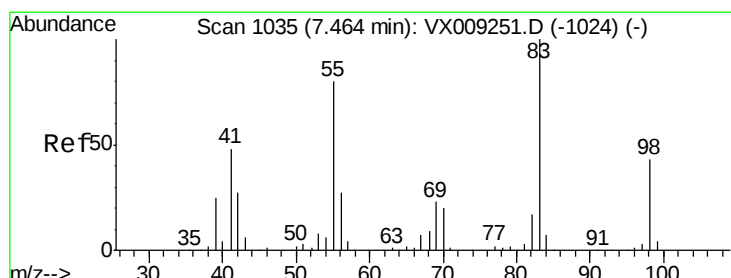
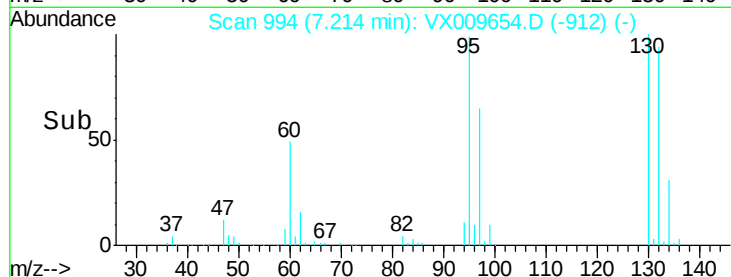
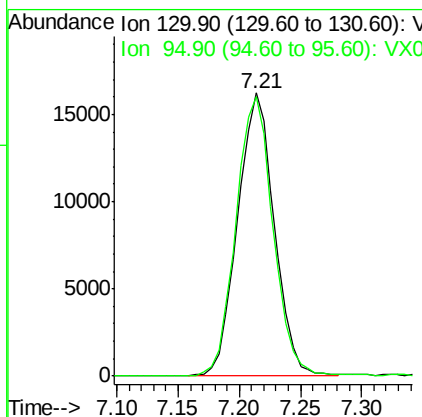
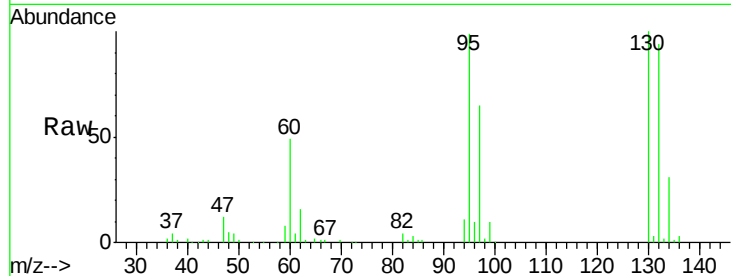
#37
 Trichloroethene
 Concen: 18.059 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion:130 Resp: 33801
 Ion Ratio Lower Upper
 130 100
 95 98.7 85.0 127.4

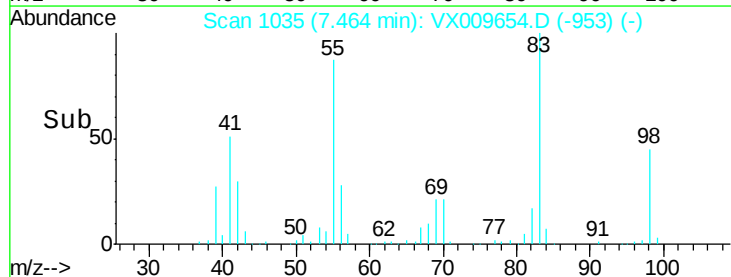
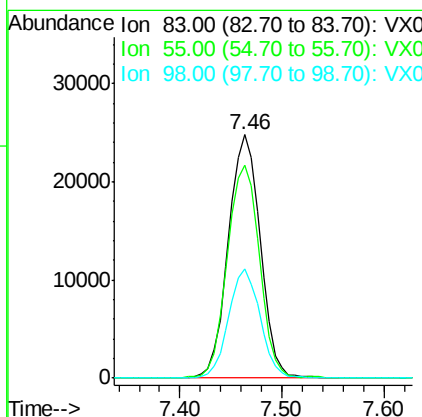
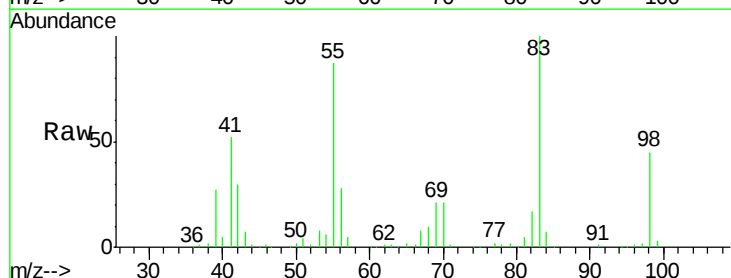
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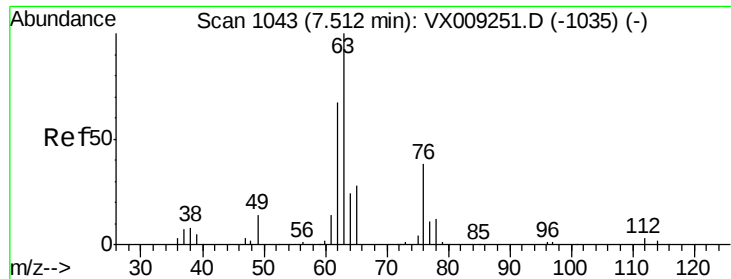
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#38
 Methylcyclohexane
 Concen: 17.315 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion: 83 Resp: 53950
 Ion Ratio Lower Upper
 83 100
 55 87.9 43.0 129.2
 98 43.8 22.1 66.1





#39

1,2-Dichloropropane

Concen: 19.144 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 63 Resp: 42386

Ion Ratio Lower Upper

63 100

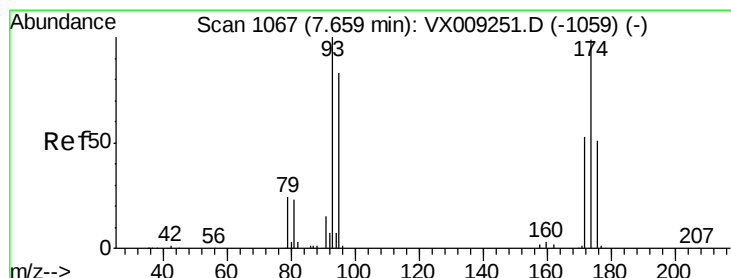
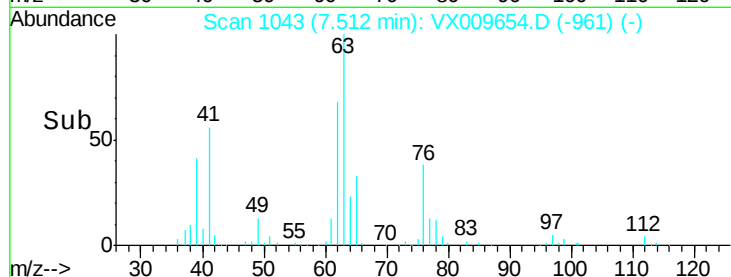
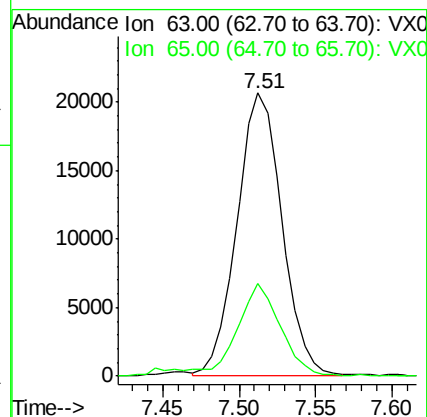
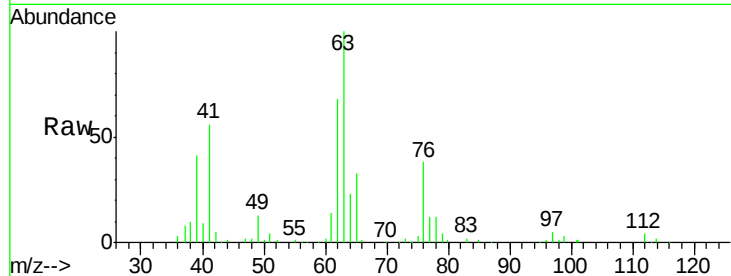
65 32.7 24.0 36.0

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#40

Dibromomethane

Concen: 19.031 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

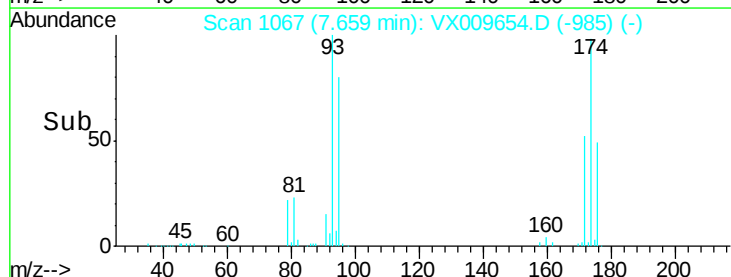
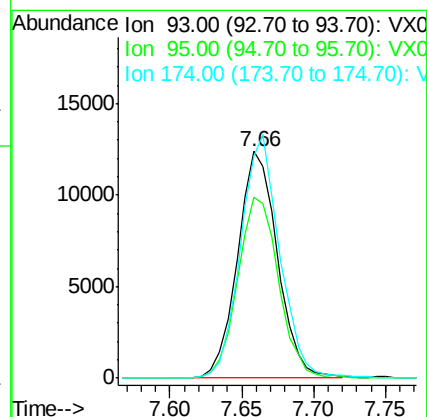
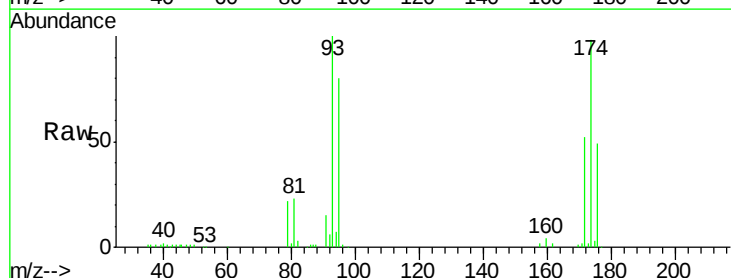
Tgt Ion: 93 Resp: 23916

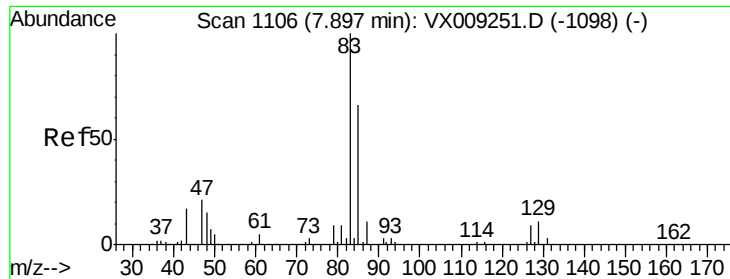
Ion Ratio Lower Upper

93 100

95 81.4 0.0 167.2

174 104.2 0.0 203.4





#41

Bromodichloromethane

Concen: 18.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

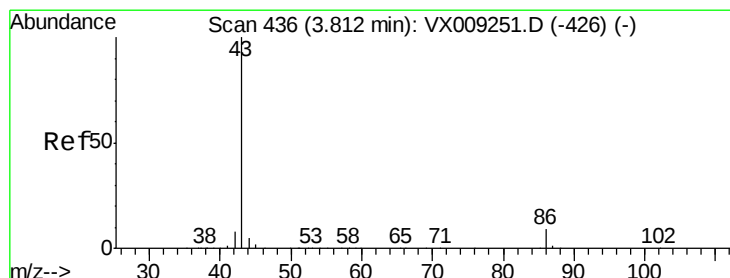
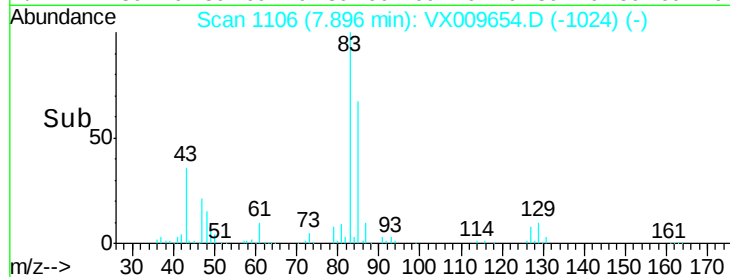
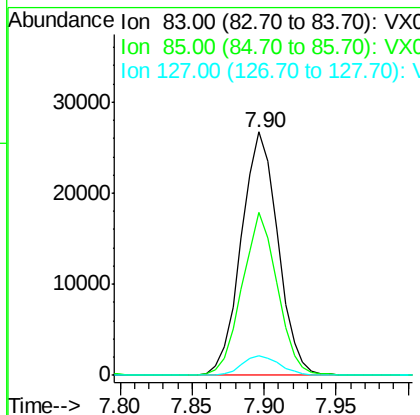
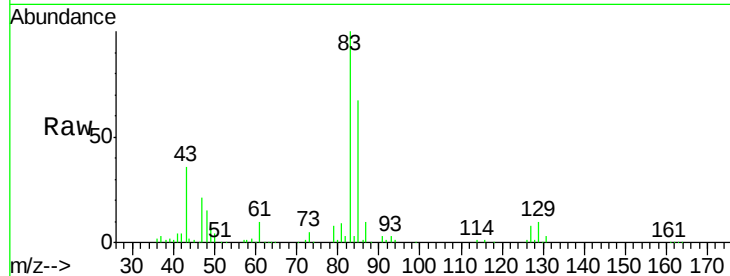
ClientSampleId :

VX0517WBS01

Tot Ion:	83	Resp:	47288
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.6	79.0
127	7.9	6.9	10.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.899 ug/l

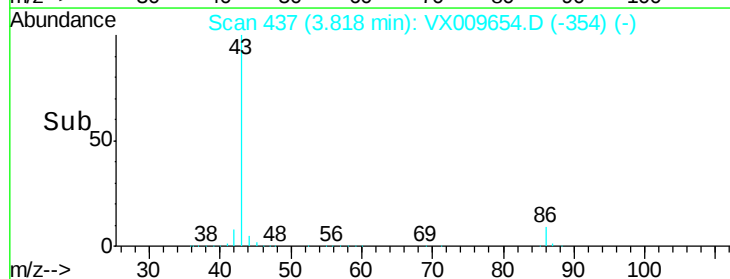
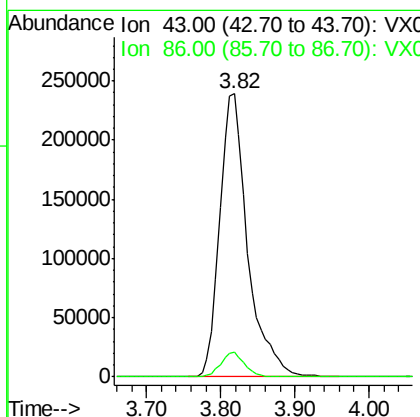
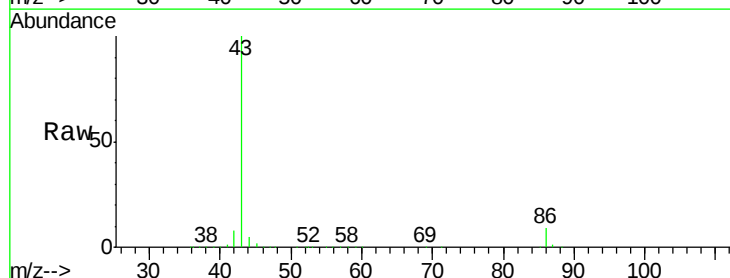
RT: 3.82 min Scan# 437

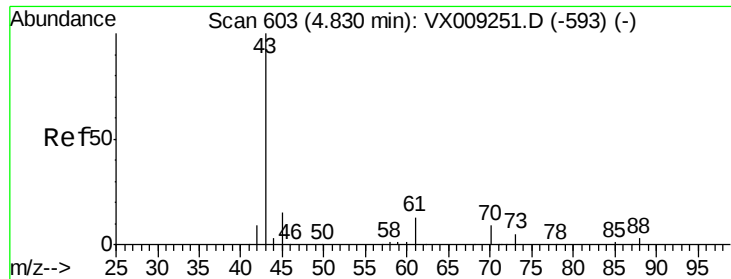
Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion:	43	Resp:	625123
Ion Ratio	Lower	Upper	
43	100		
86	7.4	6.0	9.0





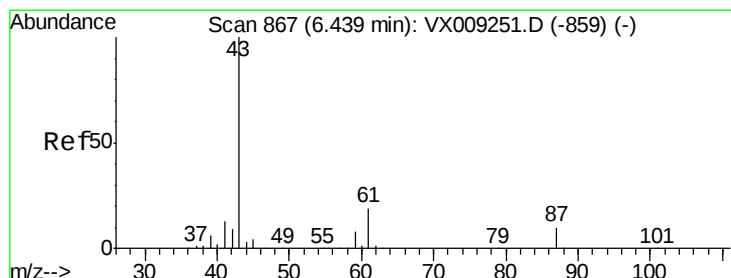
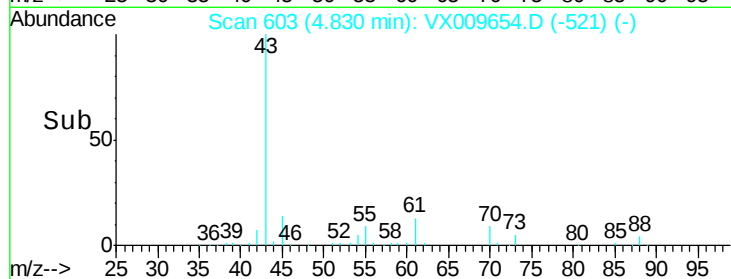
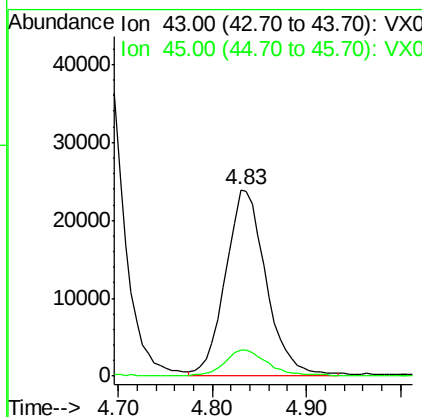
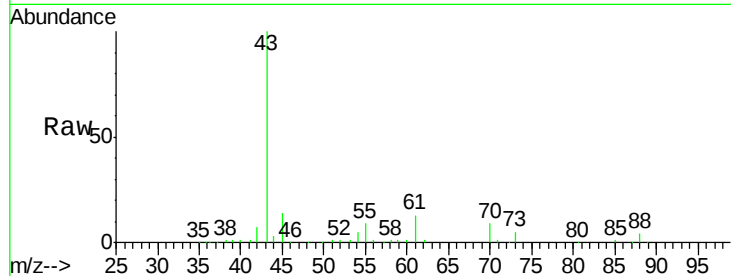
#43
Ethyl Acetate
Concen: 19.981 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion: 43 Resp: 71310
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.8

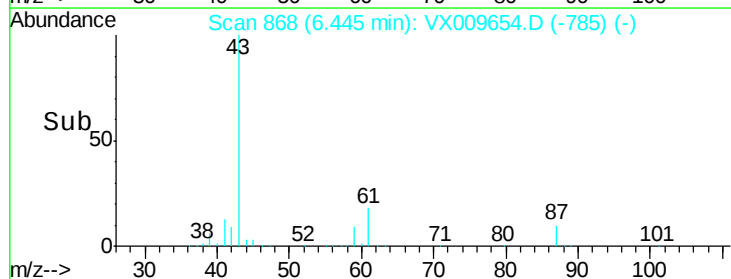
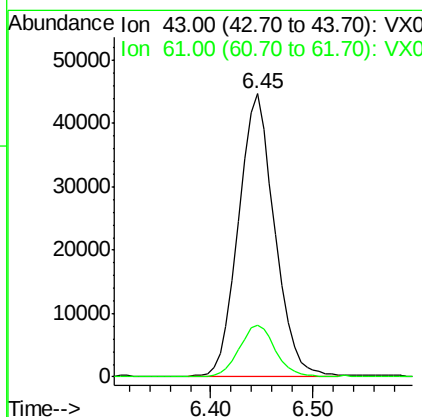
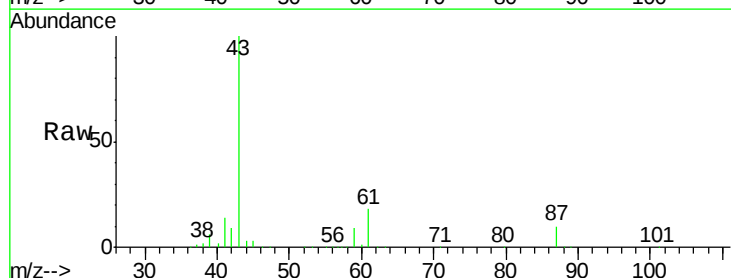
Manual Integrations
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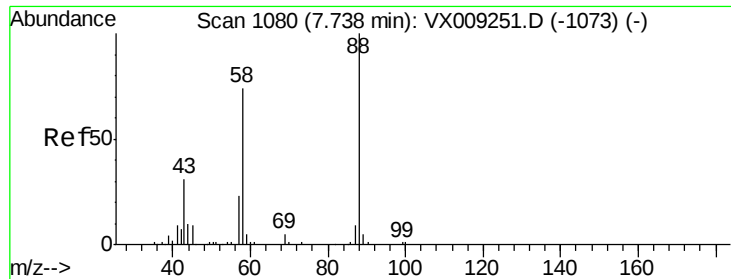
MMDadoda
5/20/2019 11:16:42 AM



#44
Isopropyl Acetate
Concen: 18.931 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion: 43 Resp: 109453
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.2





#45

1,4-Dioxane

Concen: 382.379 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

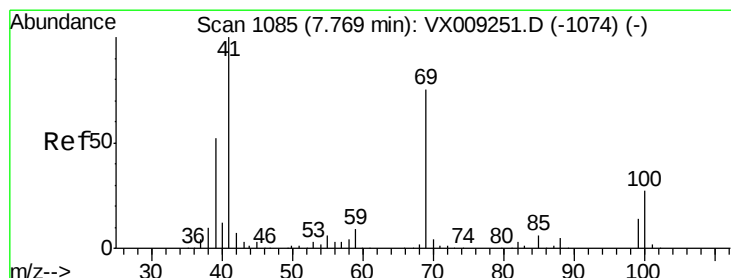
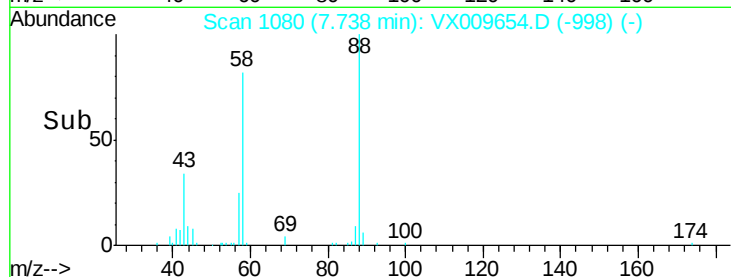
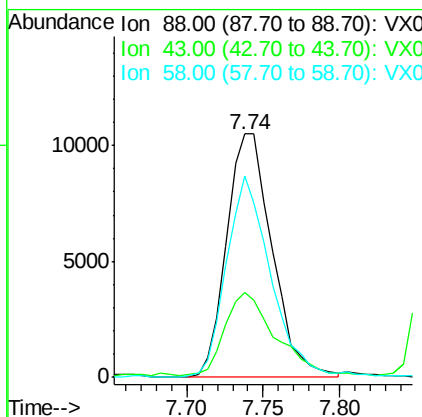
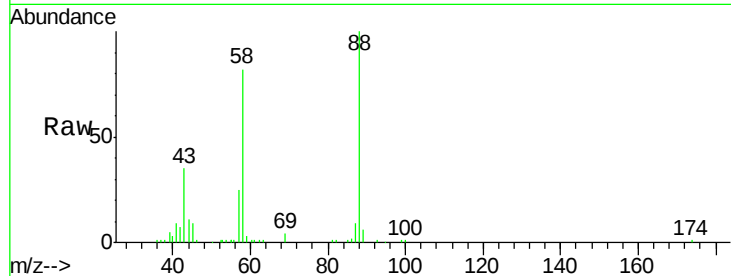
ClientSampleId :

VX0517WBS01

Tot Ion:	88	Resp:	21705
Ion	Ratio	Lower	Upper
88	100		
43	36.8	28.5	42.7
58	80.1	62.5	93.7

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#46

Methyl methacrylate

Concen: 19.318 ug/l

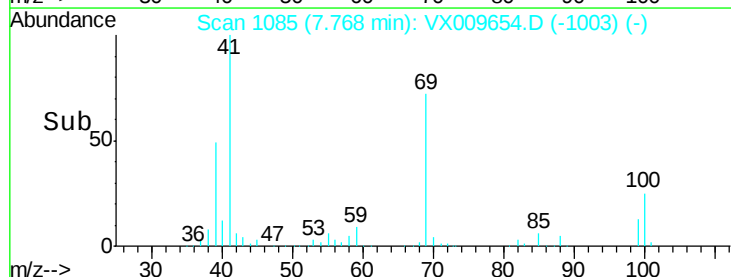
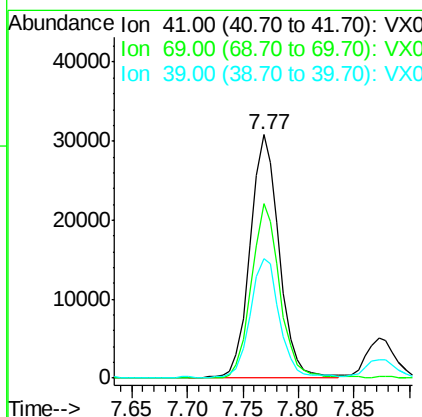
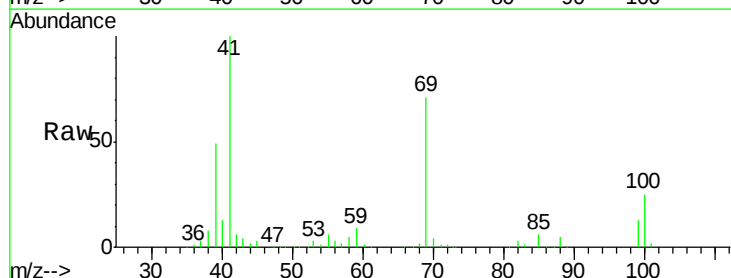
RT: 7.77 min Scan# 1085

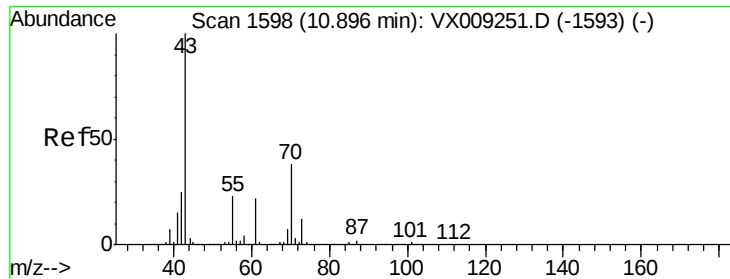
Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion:	41	Resp:	55746
Ion	Ratio	Lower	Upper
41	100		
69	71.6	37.6	112.8
39	48.4	25.8	77.3





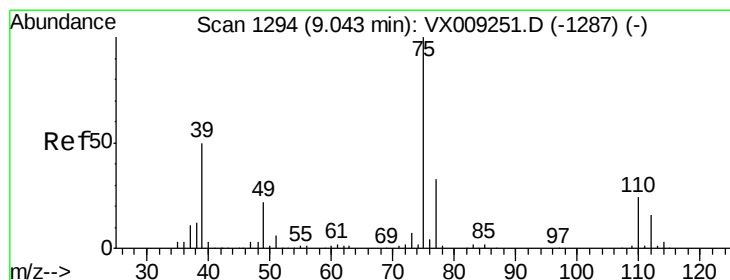
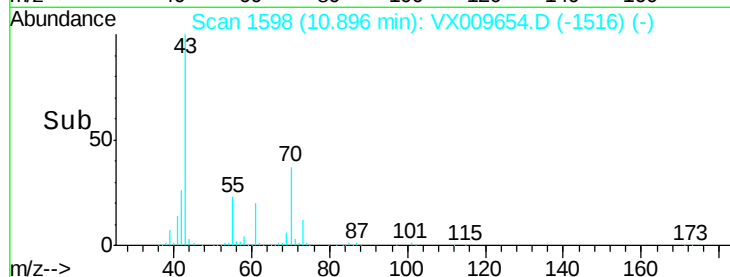
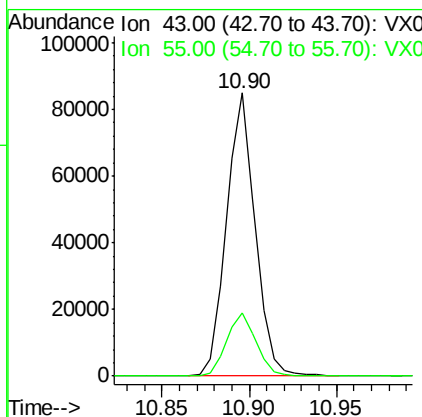
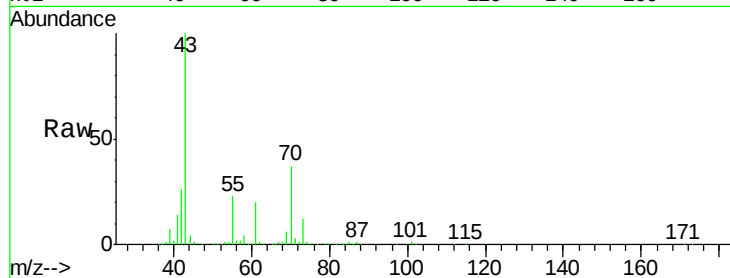
#47
n-amvl Acetate
Concen: 18.529 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion: 43 Resp: 96503
Ion Ratio Lower Upper
43 100
55 23.0 18.2 27.4

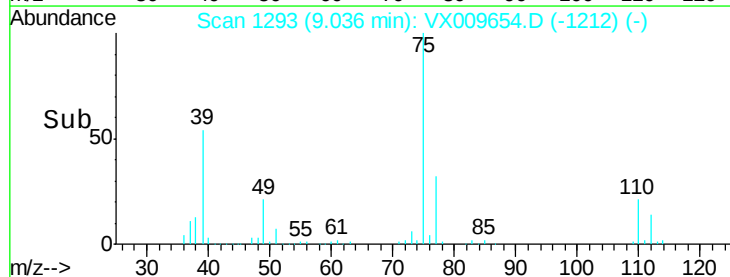
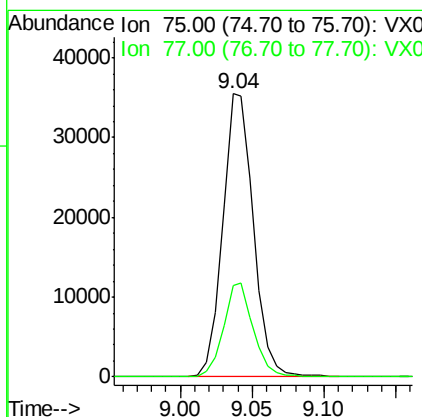
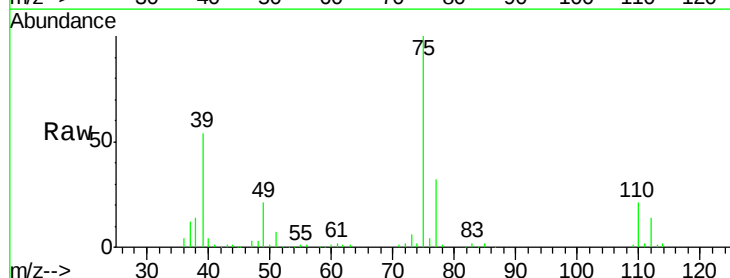
Manual Integrations
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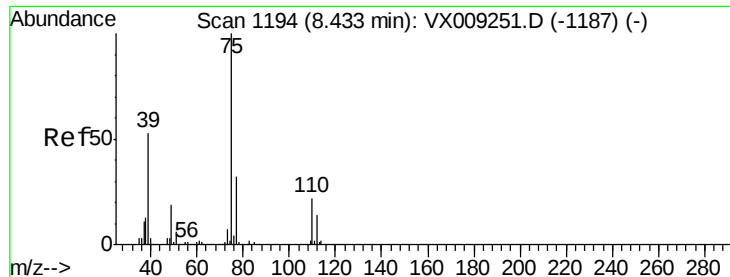
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#48
t-1,3-Dichloropropene
Concen: 17.705 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion: 75 Resp: 53026
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7





#49

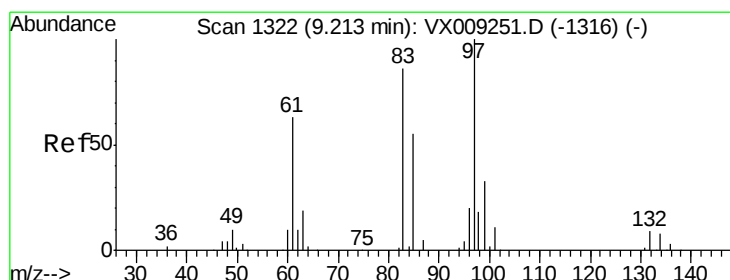
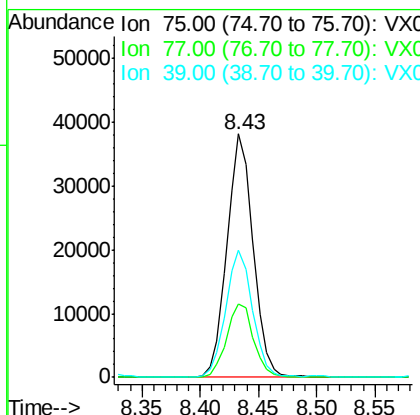
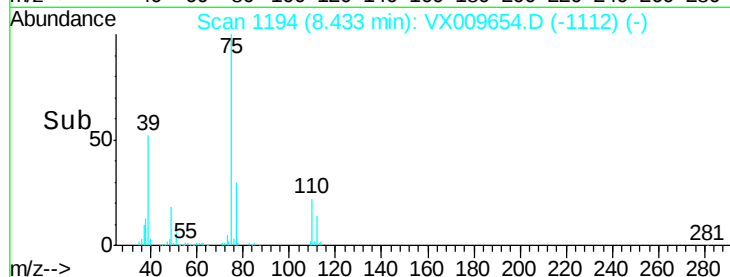
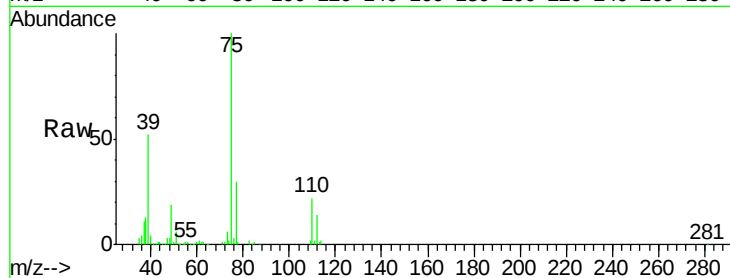
cis-1,3-Dichloropropene
Concen: 18.201 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.0	39.0
39	52.1	42.6	63.8

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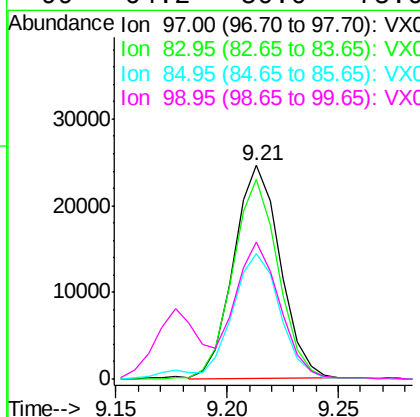
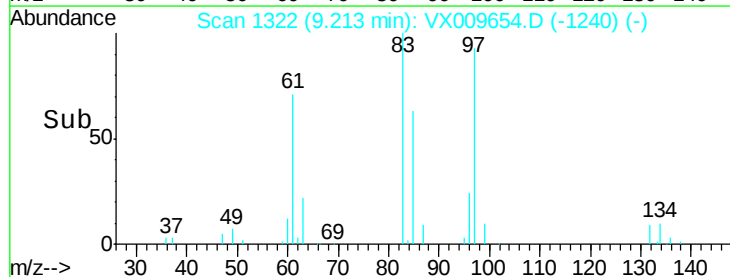
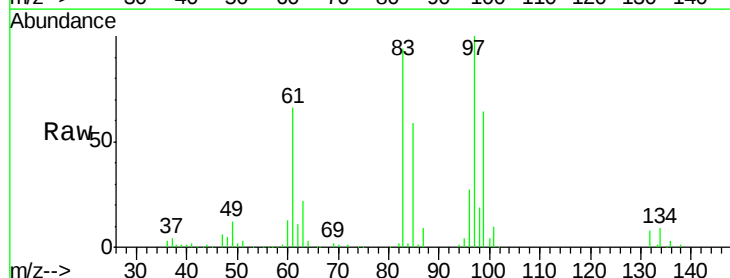
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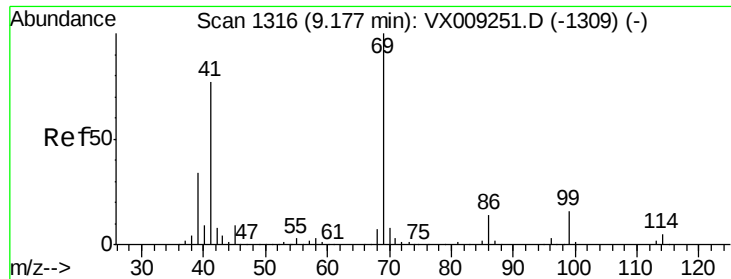


#50

1,1,2-Trichloroethane
Concen: 18.606 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.5	68.8	103.2
85	58.5	45.8	68.6
99	64.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.350 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

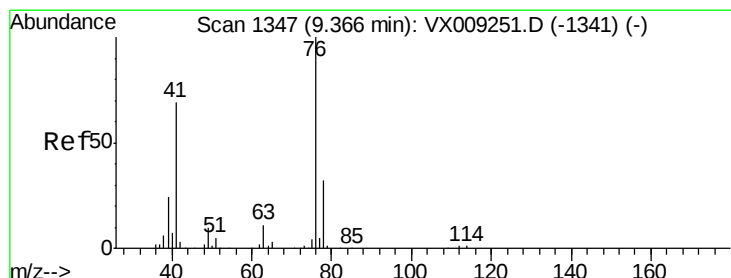
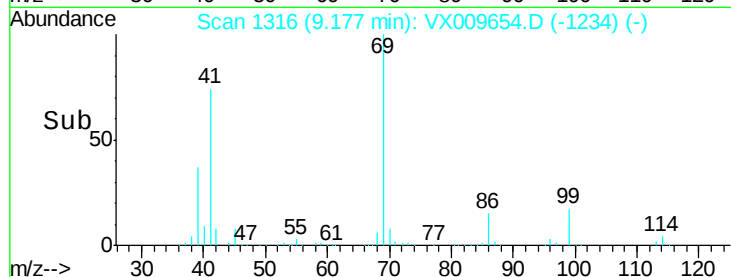
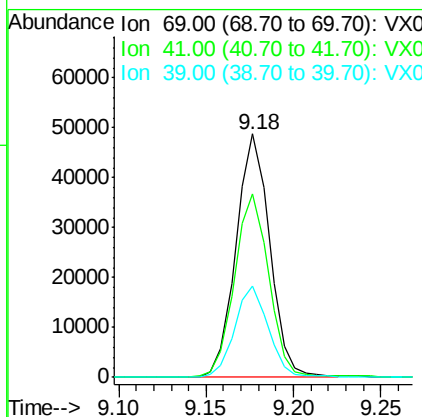
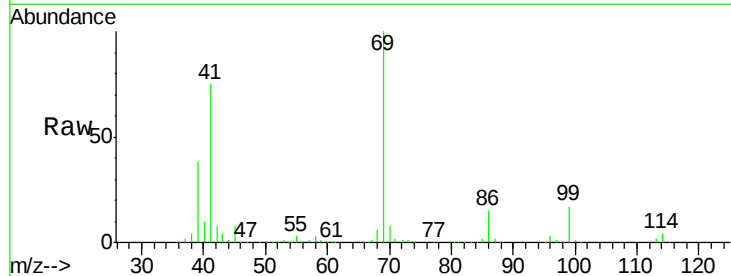
ClientSampleId :

VX0517WBS01

Tot Ion:	69	Resp:	65289
Ion	Ratio	Lower	Upper
69	100		
41	75.3	38.4	115.2
39	37.6	17.2	51.5

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.784 ug/l

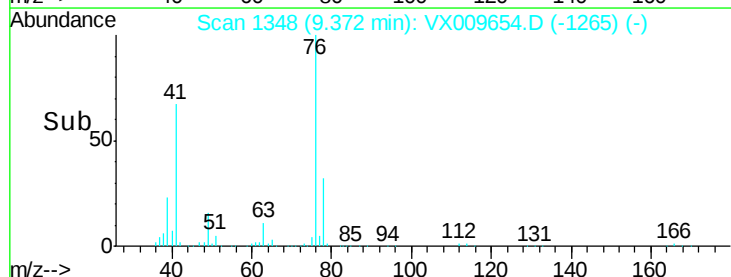
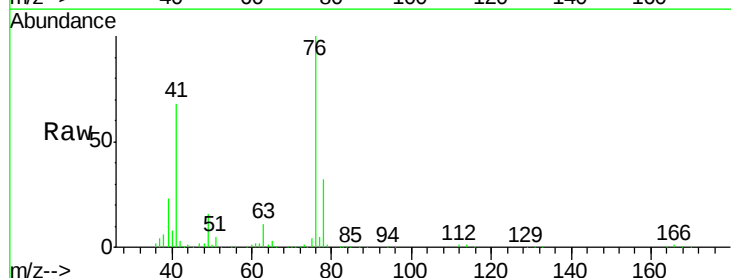
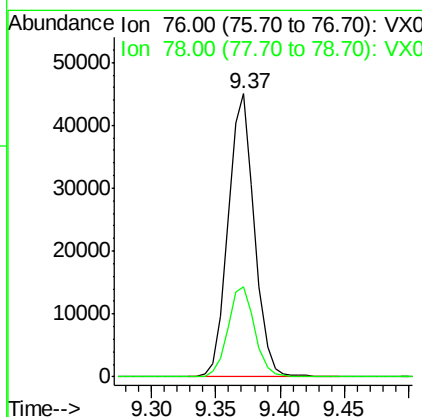
RT: 9.37 min Scan# 1348

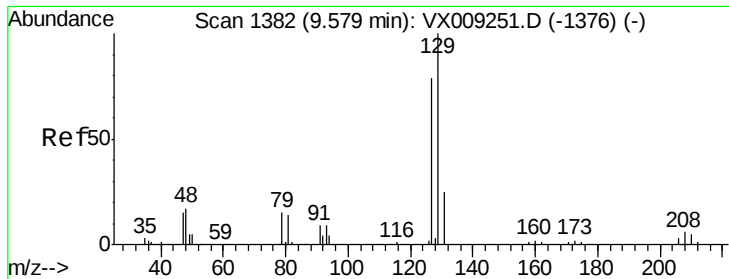
Delta R.T. 0.01 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion:	76	Resp:	64185
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.2





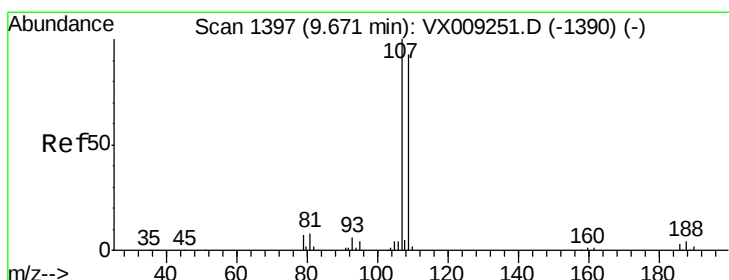
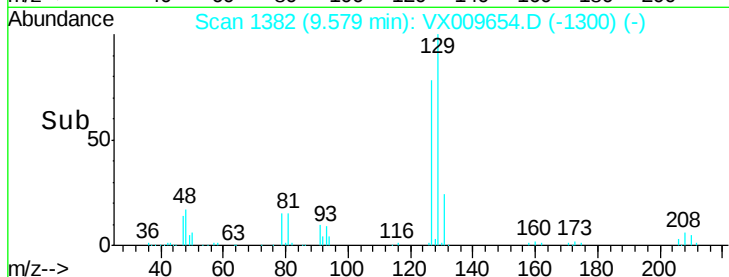
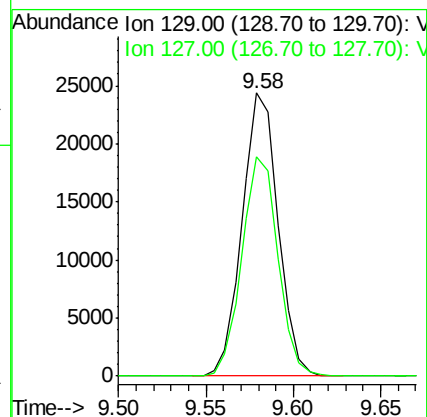
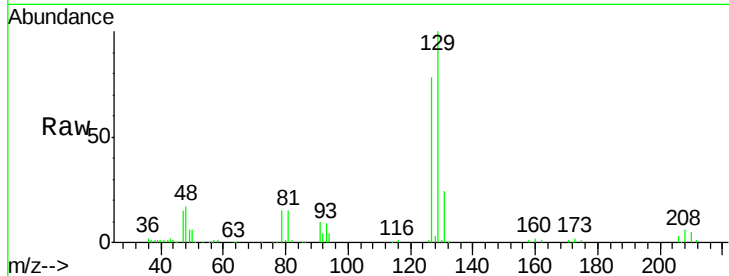
#53
Dibromochloromethane
Concen: 18.237 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion:129 Resp: 34969
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5

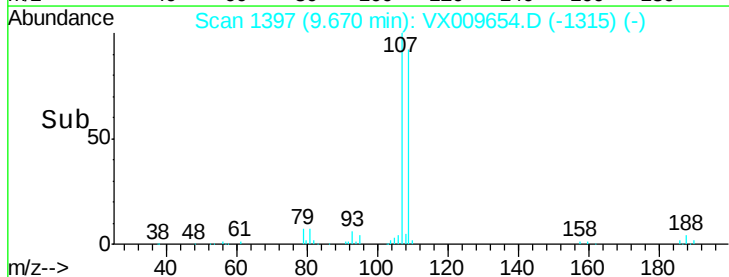
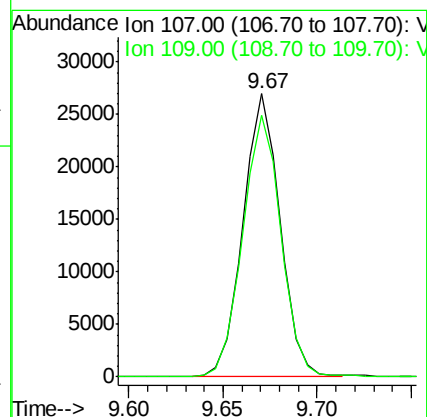
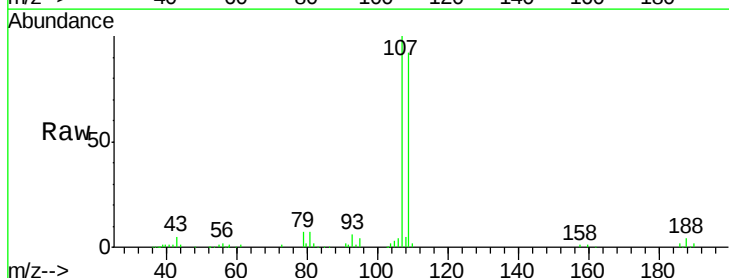
Manual Integrations
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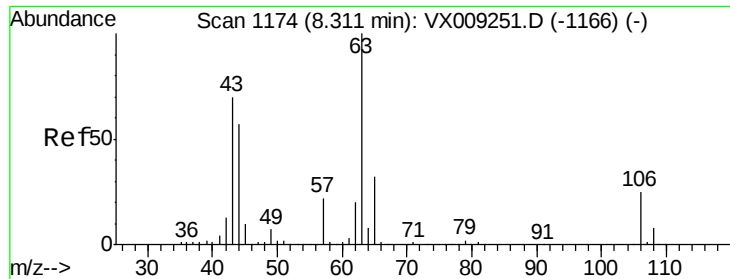
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#54
1,2-Dibromoethane
Concen: 18.661 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion:107 Resp: 36848
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3





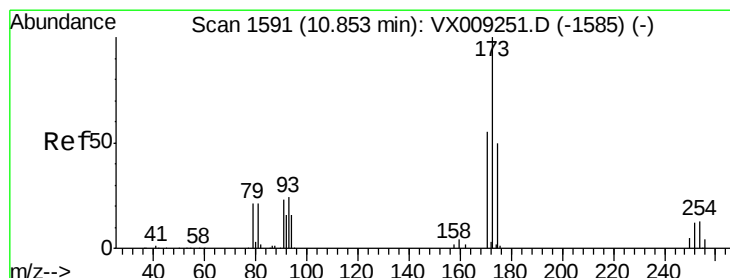
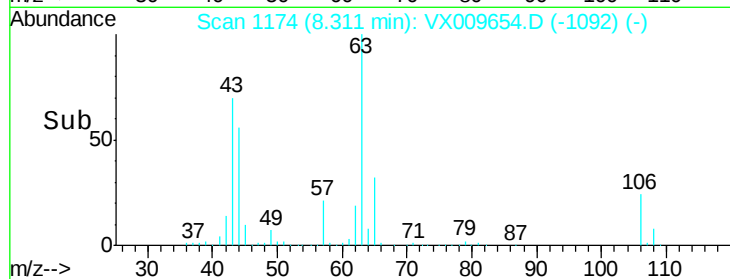
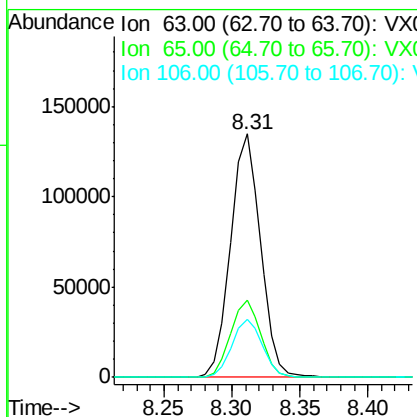
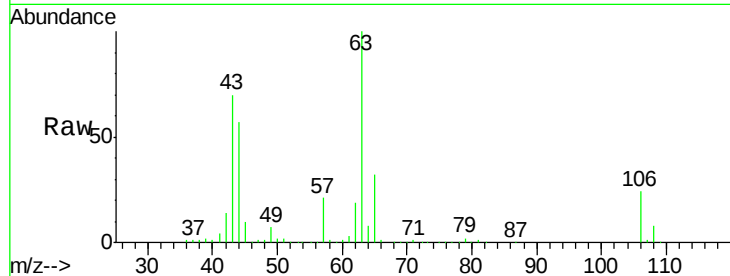
#55
2-Chloroethyl vinyl ether
Concen: 108.987 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.6
106	24.4	19.8	29.6

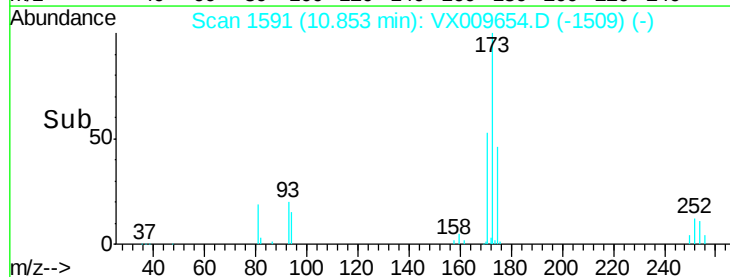
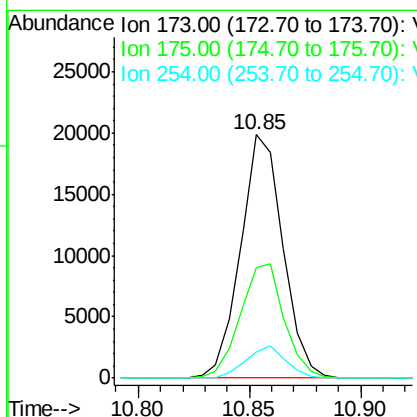
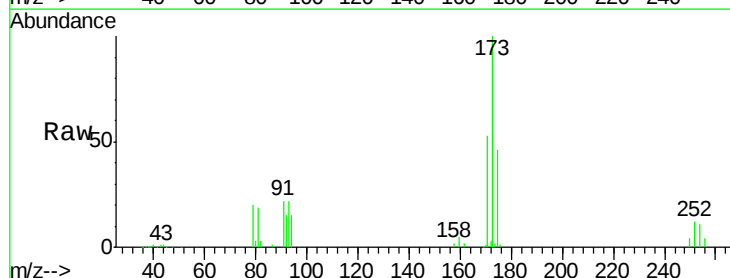
Manual Integrations
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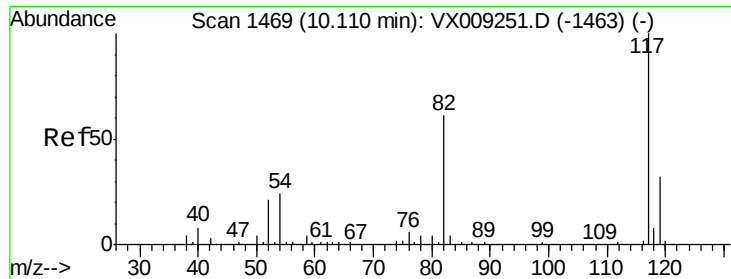
MMDadoda
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#56
Bromoform
Concen: 17.935 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.2
254	12.5	9.9	14.9





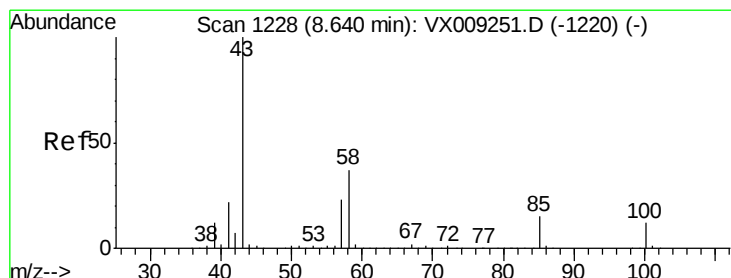
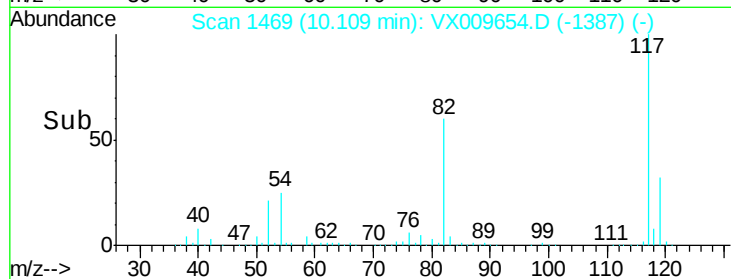
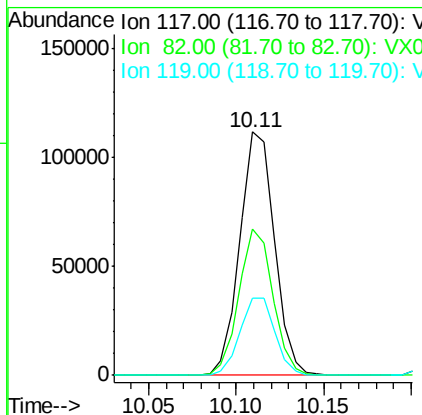
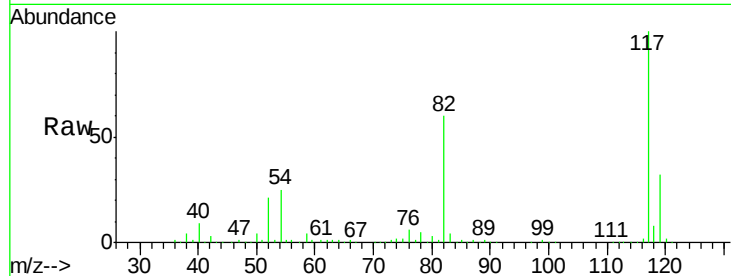
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.8
119	32.4	25.6	38.4

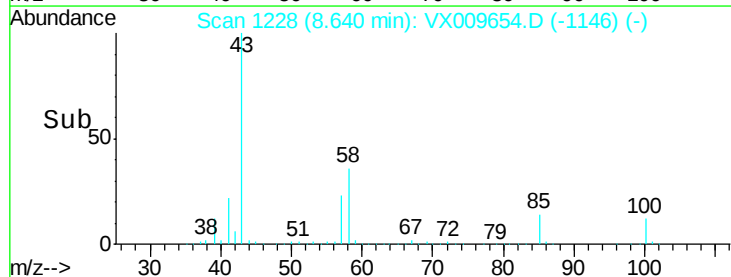
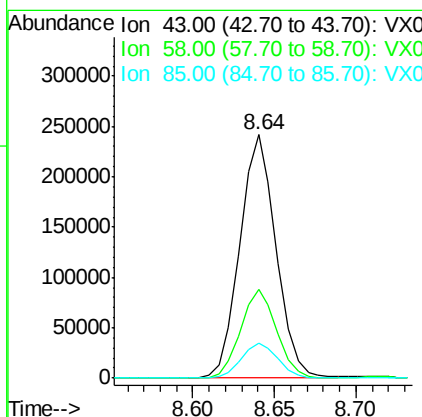
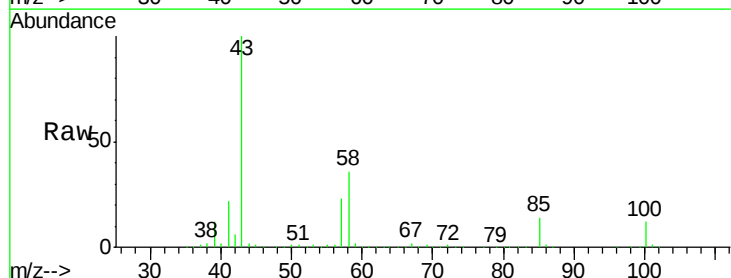
Manual Integrations
APPROVED

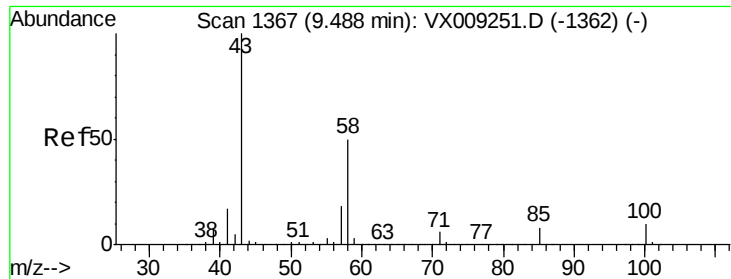
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#58
4-Methyl-2-Pentanone
Concen: 97.584 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.4	44.0
85	14.6	11.8	17.8





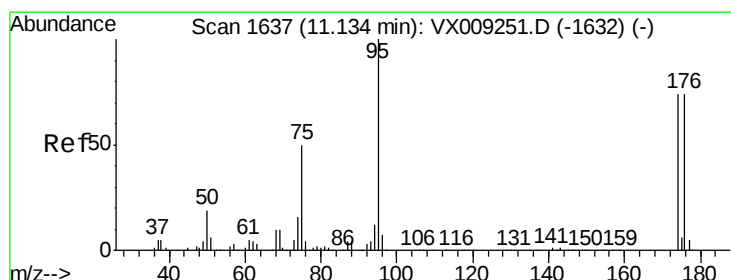
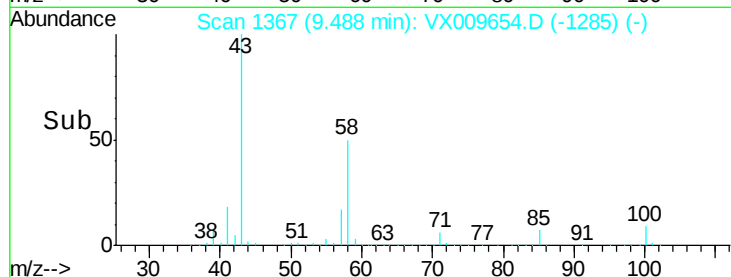
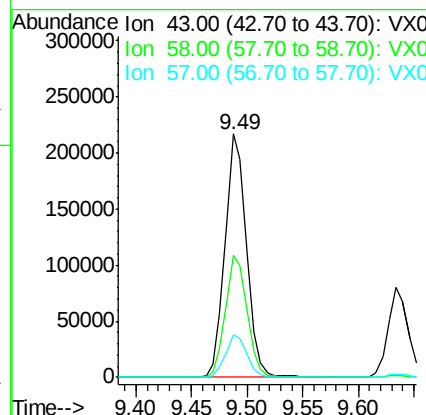
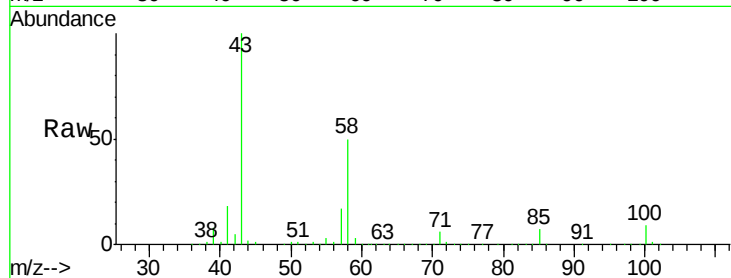
#59
2-Hexanone
Concen: 97.411 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.7	40.8	61.2
57	17.4	14.1	21.1

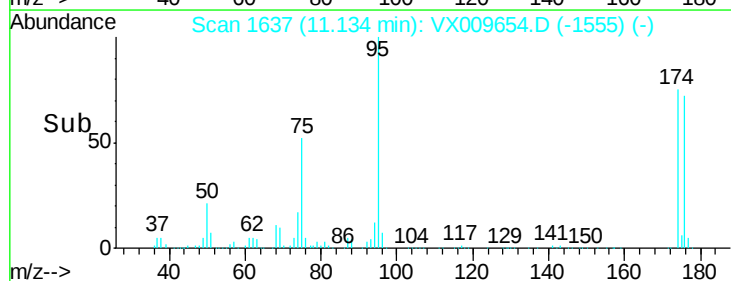
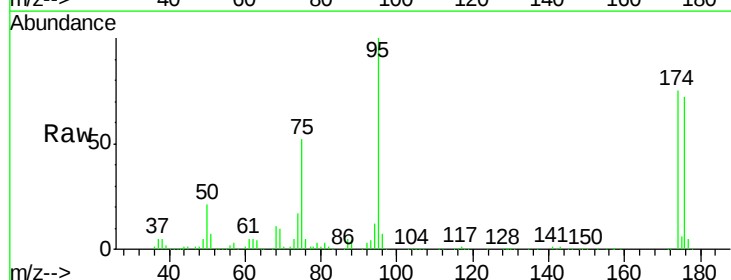
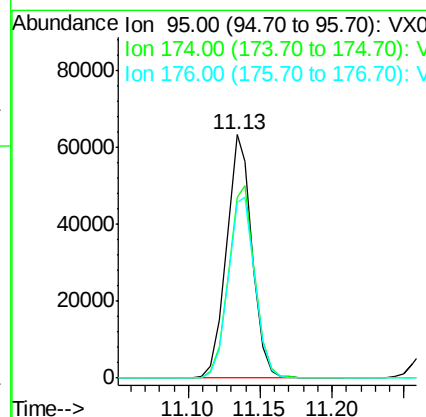
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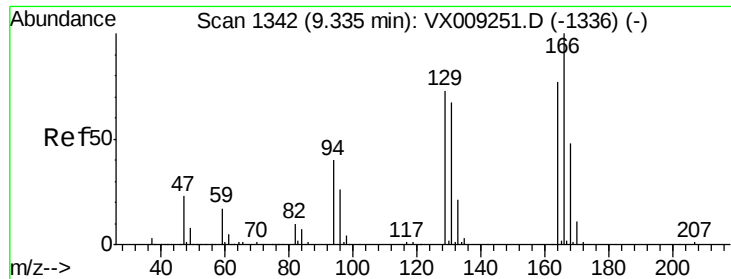
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#60
4-Bromofluorobenzene
Concen: 30.021 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.3	63.6	95.4
176	77.8	62.4	93.6





#61

Tetrachloroethene

Concen: 18.364 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion:164 Resp: 31318

Ion Ratio Lower Upper

164 100

166 119.8 104.1 156.1

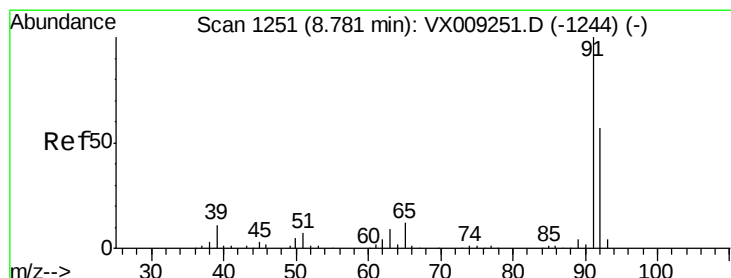
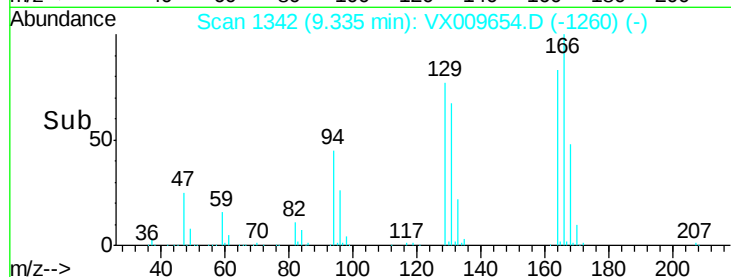
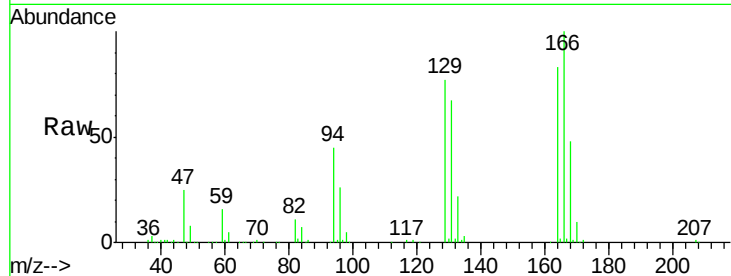
129 92.4 76.0 114.0

131 80.1 70.1 105.1

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#62

Toluene

Concen: 18.526 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009654.D

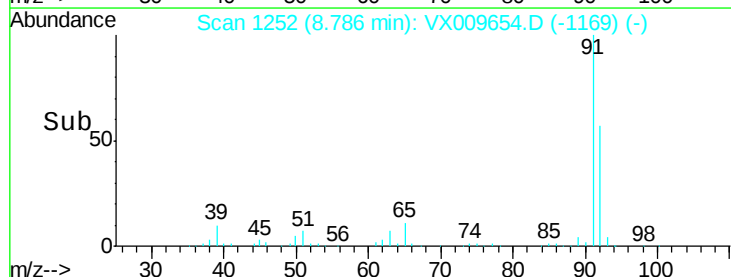
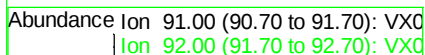
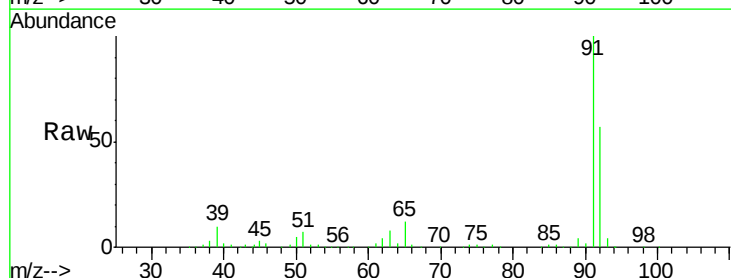
Acq: 17 May 2019 11:22

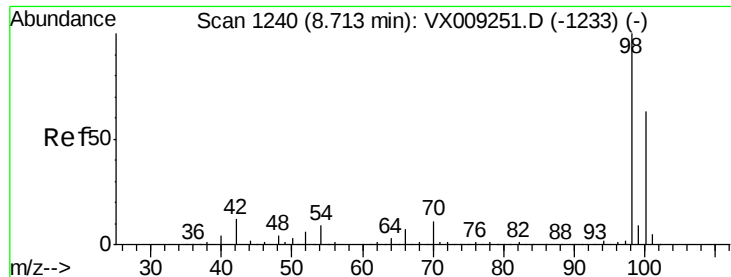
Tgt Ion: 91 Resp: 153147

Ion Ratio Lower Upper

91 100

92 57.5 46.1 69.1





#63

Toluene-d8

Concen: 29.901 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 98 Resp: 219312

Ion Ratio Lower Upper

98 100

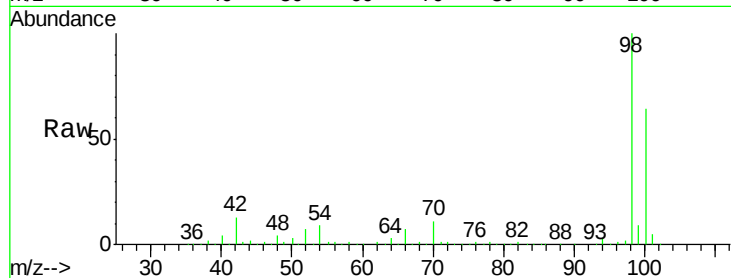
100 64.3 52.3 78.5

Manual Integrations

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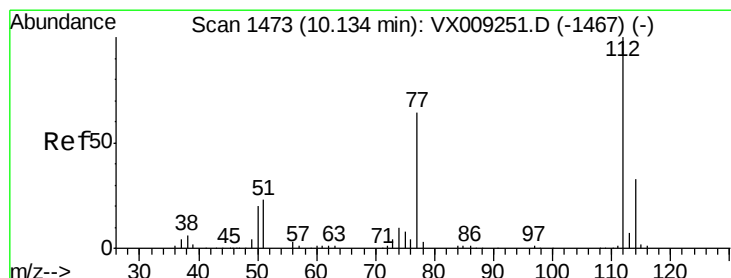
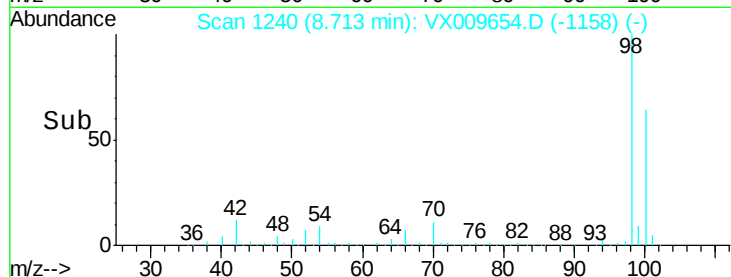
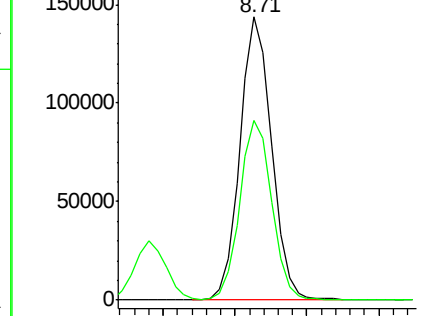
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.334 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009654.D

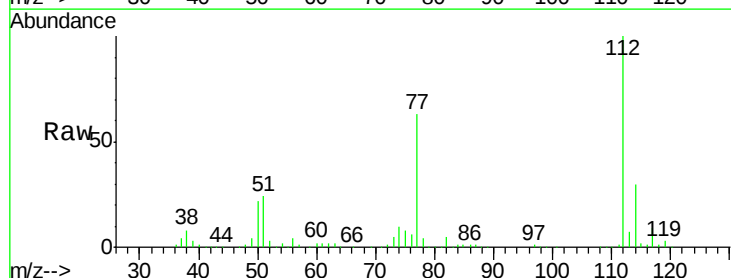
Acq: 17 May 2019 11:22

Tgt Ion: 112 Resp: 91212

Ion Ratio Lower Upper

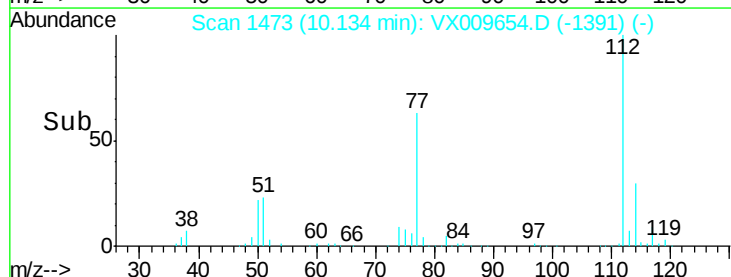
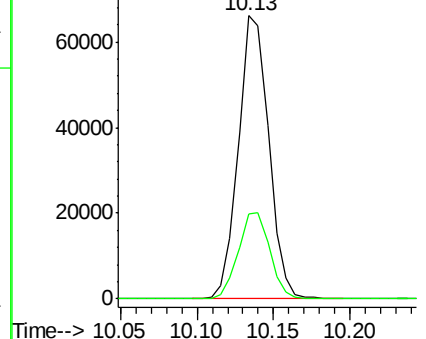
112 100

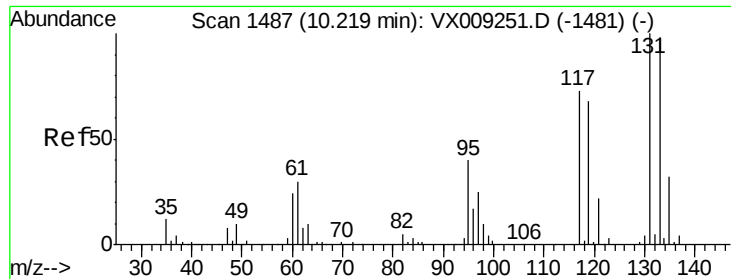
114 30.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.084 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

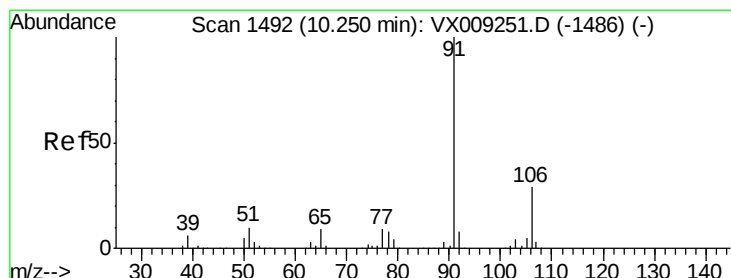
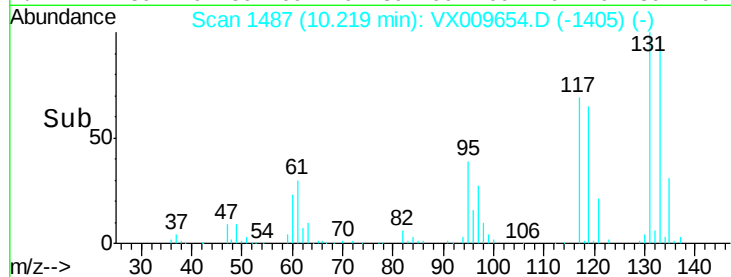
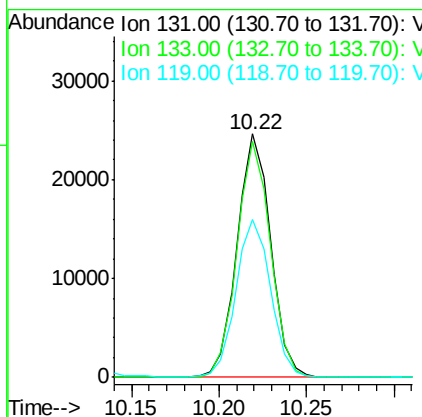
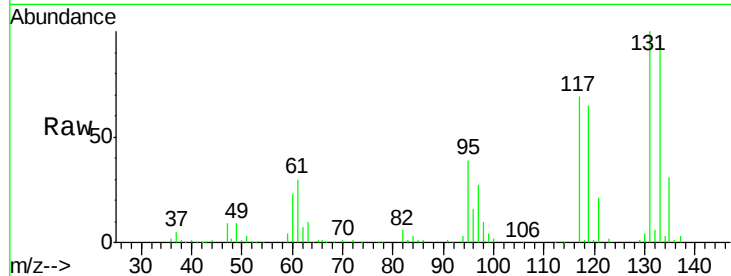
ClientSampleId :

VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	32943		
133	96.3	0.0	191.2	
119	66.9	0.0	135.4	

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#66

Ethyl Benzene

Concen: 18.303 ug/l

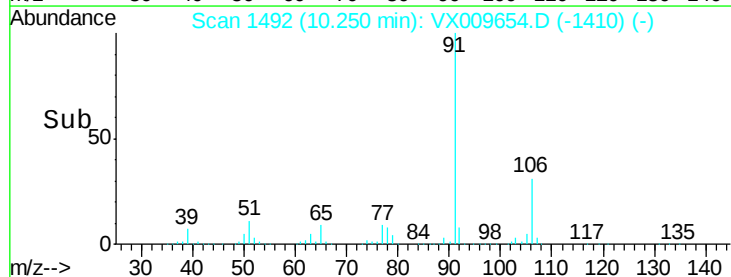
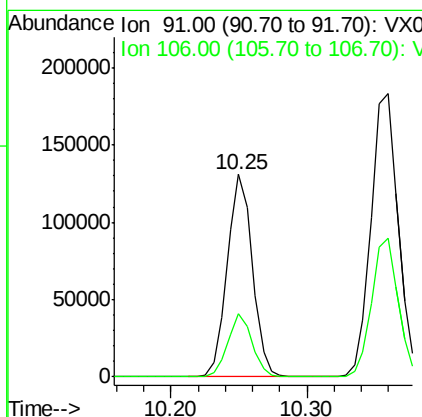
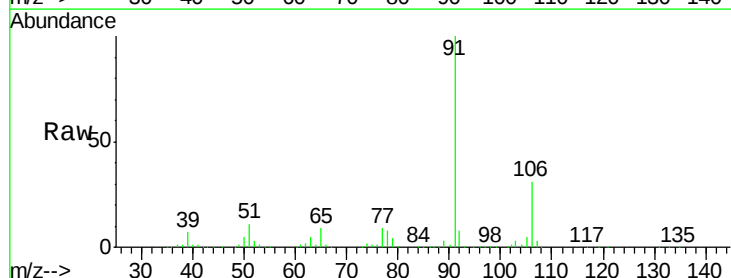
RT: 10.25 min Scan# 1492

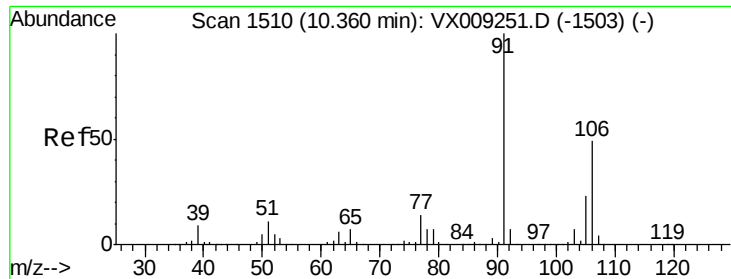
Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	168553		
106	30.9	23.5	35.3	





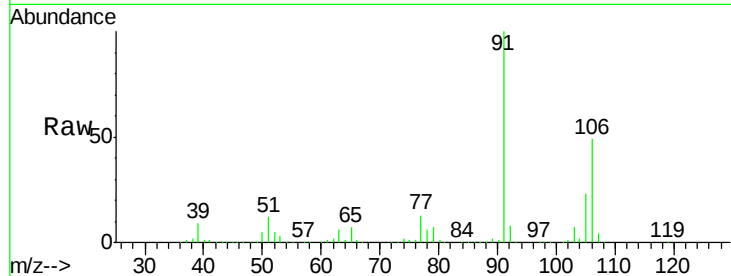
#67
m/p-Xvlenes
Concen: 36.471 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

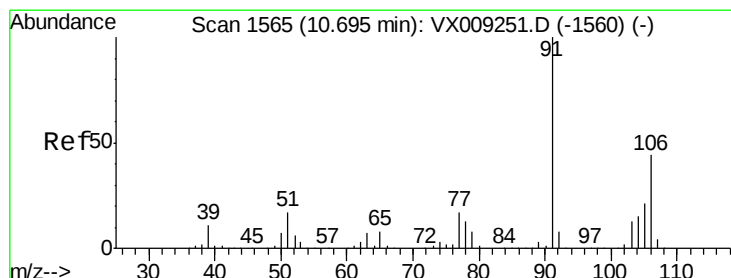
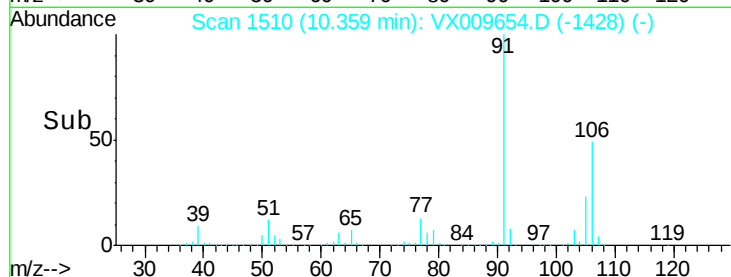
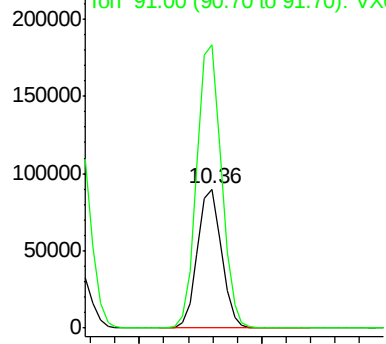
Tot Ion:106 Resp: 122628
Ion Ratio Lower Upper
106 100
91 208.0 166.8 250.2

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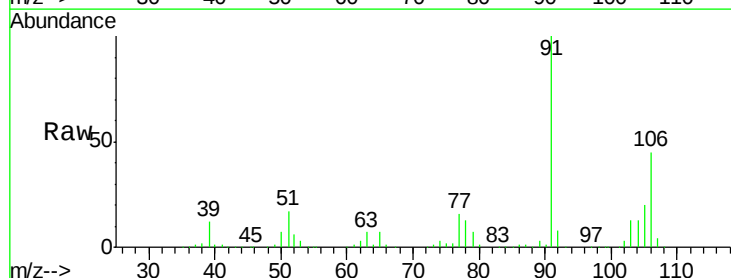


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

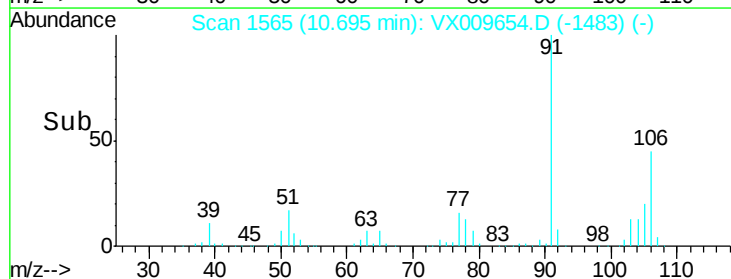
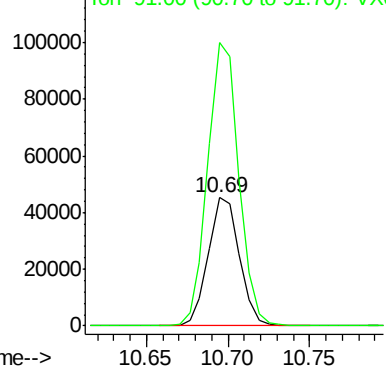


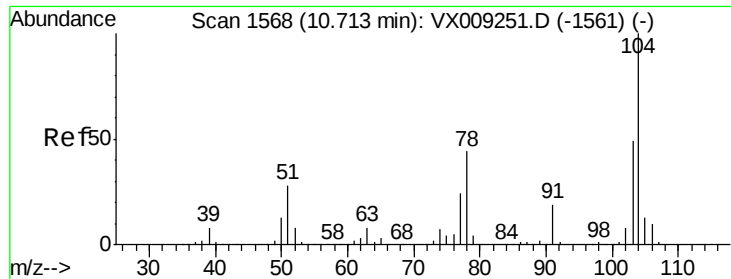
#68
o-Xylene
Concen: 18.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion:106 Resp: 60574
Ion Ratio Lower Upper
106 100
91 220.0 110.8 332.3



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





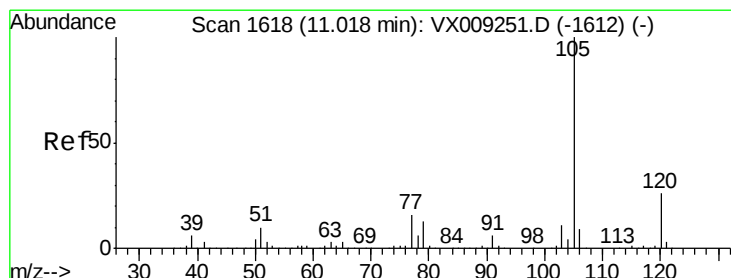
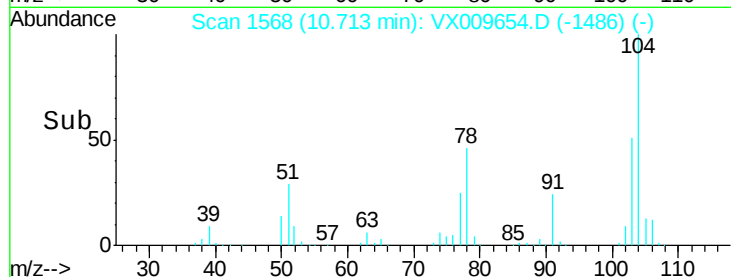
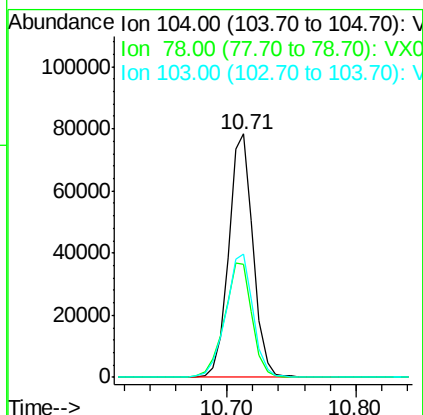
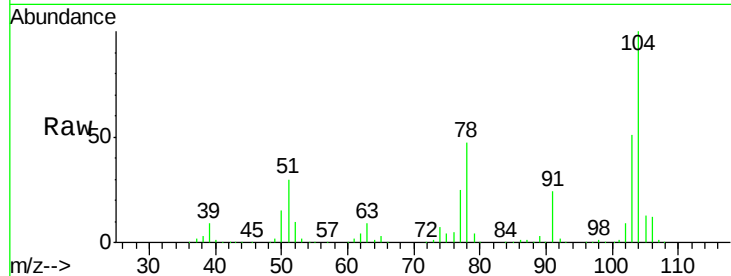
#69
Stvrene
Concen: 17.913 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	103961		
78	52.9		41.1	61.7
103	56.4		43.8	65.8

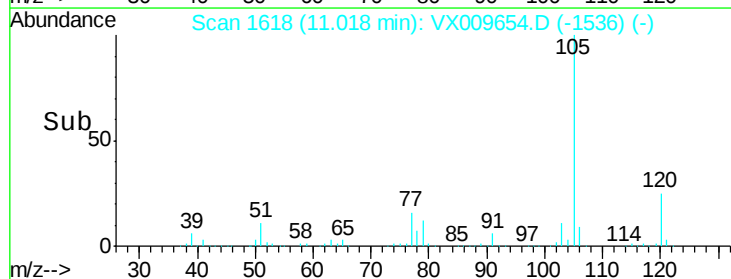
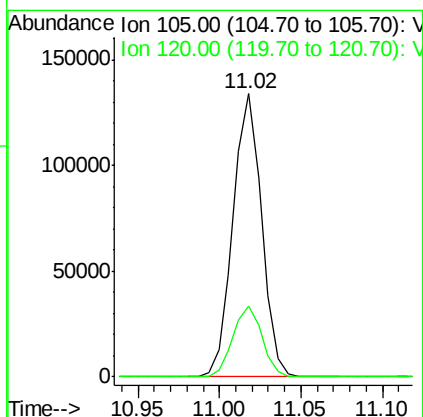
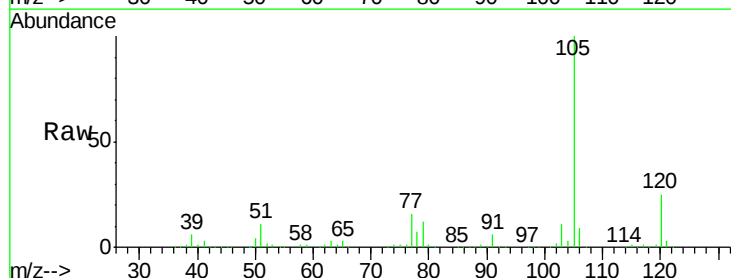
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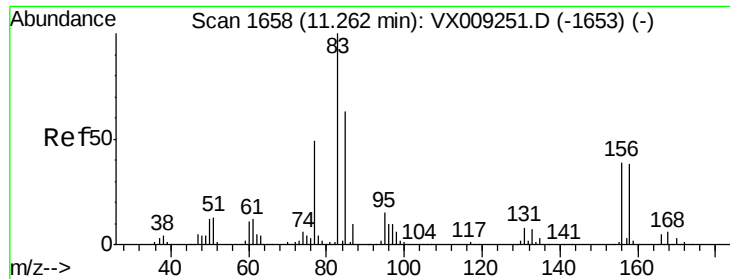
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#70
Isopropylbenzene
Concen: 18.401 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163612		
120	25.5		18.1	33.7





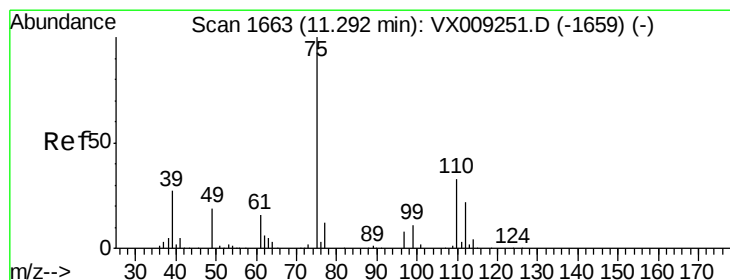
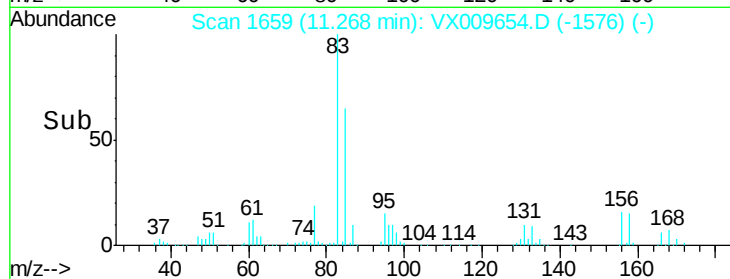
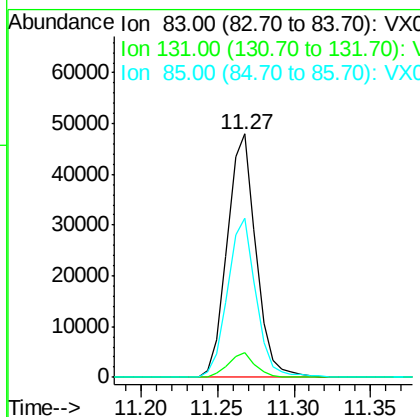
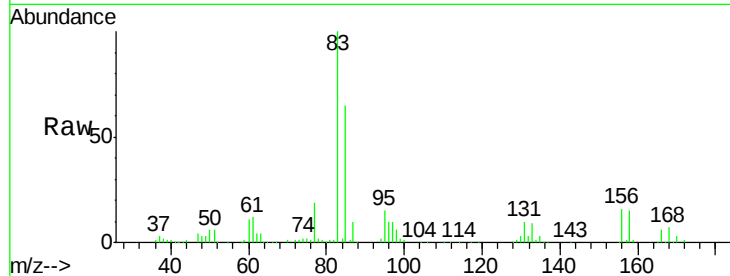
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.259 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.0
85	64.7	32.4	97.2

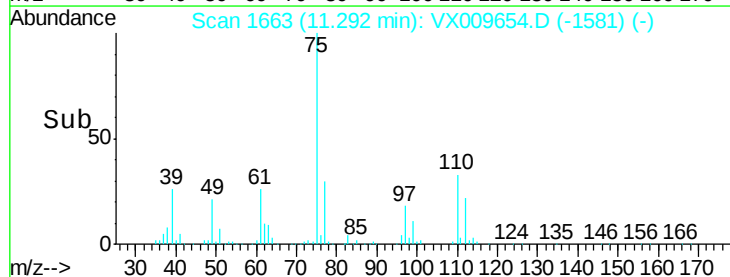
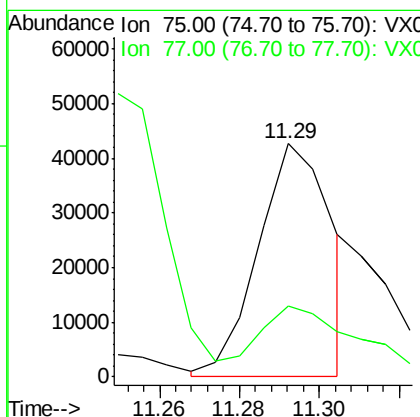
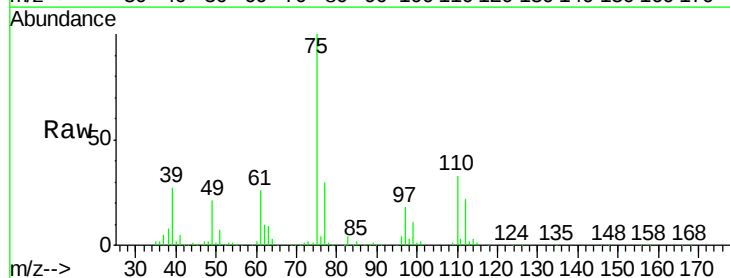
Manual Integrations
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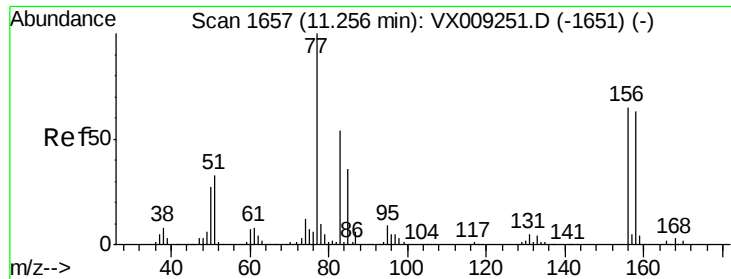
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#72
 1,2,3-Trichloropropane
 Concen: 19.309 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.1	0.0	86.4





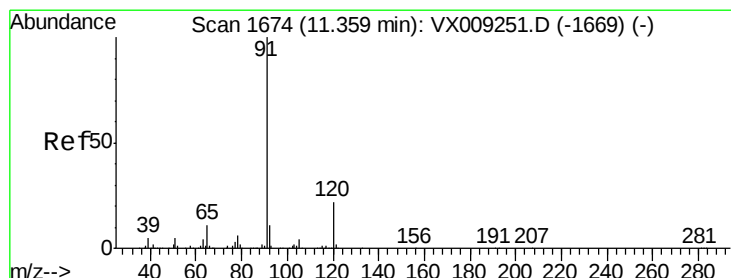
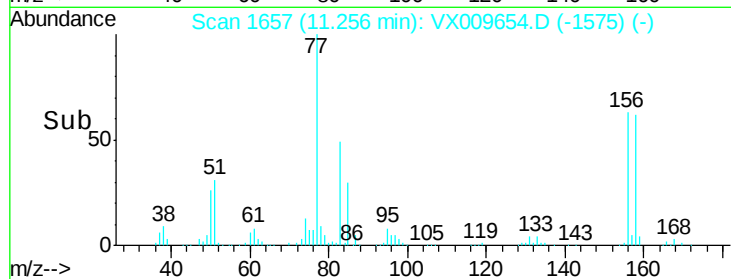
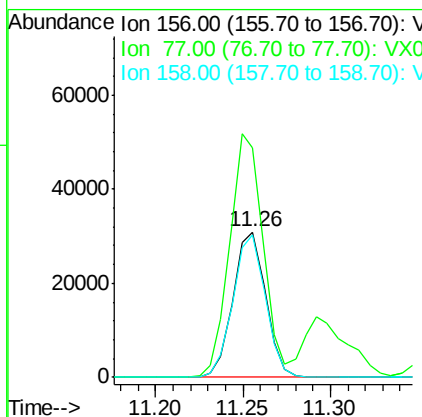
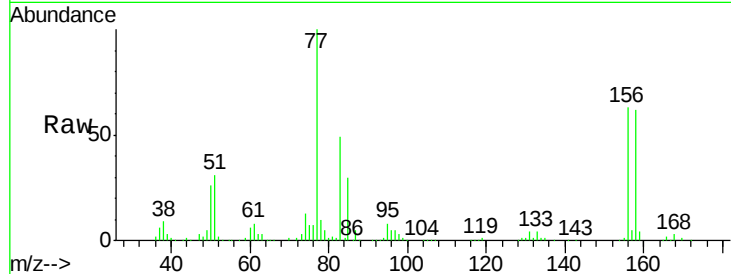
#73
Bromobenzene
Concen: 18.404 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	40430		
77	169.8	0.0	335.6	
158	97.2	0.0	191.2	

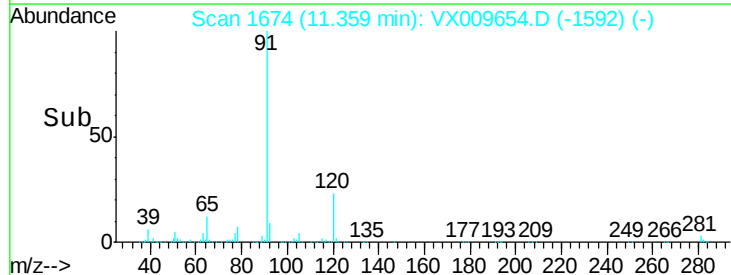
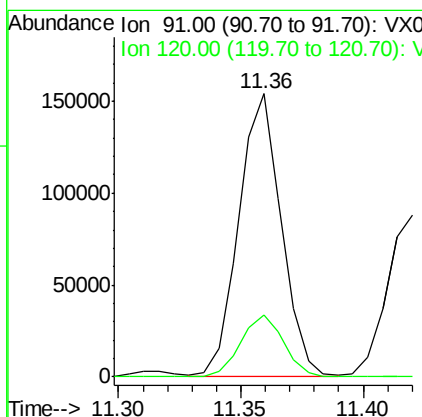
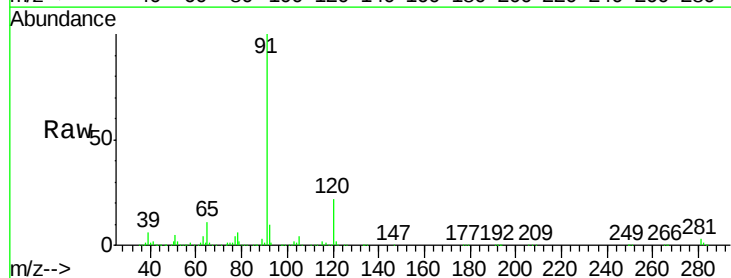
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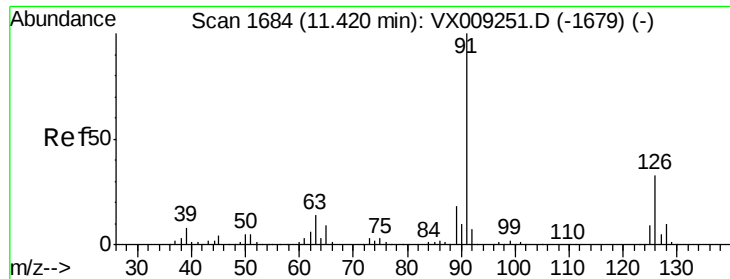
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#74
n-propylbenzene
Concen: 18.072 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	186204		
120	22.0	0.0	43.4	





#75

2-Chlorotoluene

Concen: 18.277 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 91 Resp: 112953

Ion Ratio Lower Upper

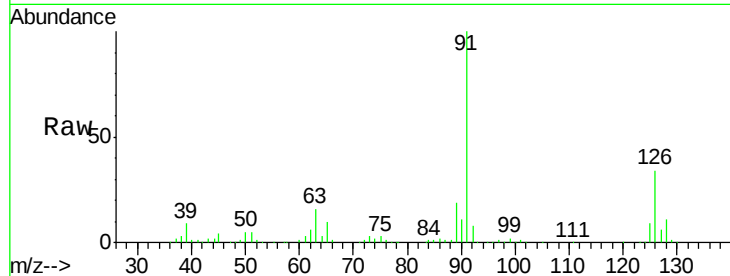
91 100

126 32.6 0.0 64.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)

150000

100000

50000

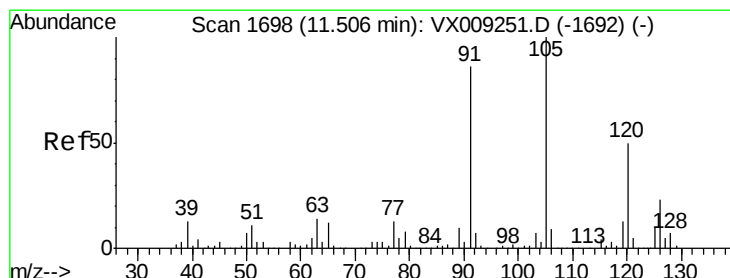
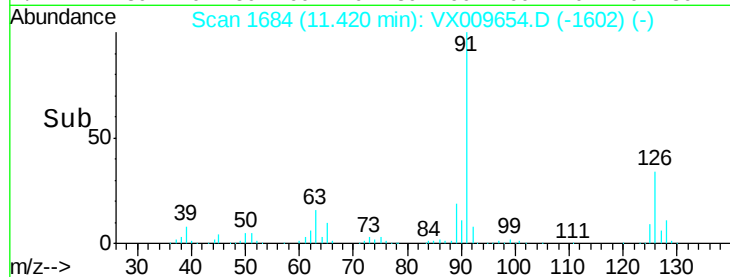
0

11.42

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.120 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009654.D

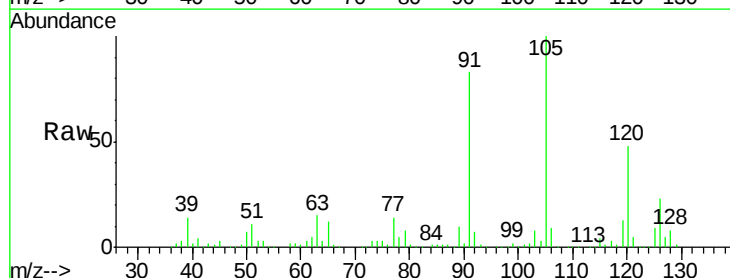
Acq: 17 May 2019 11:22

Tgt Ion:105 Resp: 136470

Ion Ratio Lower Upper

105 100

120 48.4 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)

100000

50000

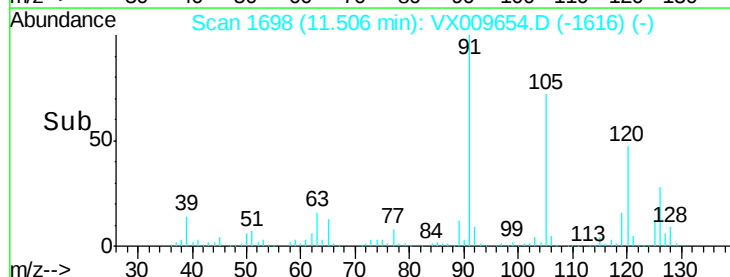
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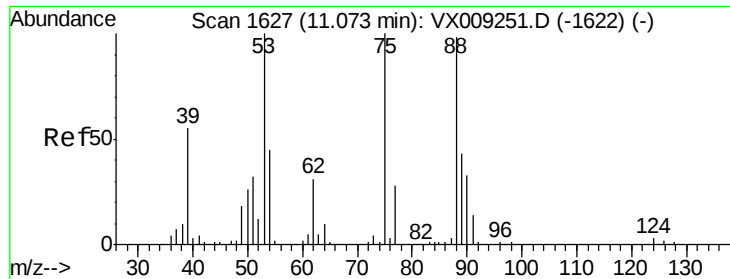
11.51

11.45

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.892 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBS01

Tot Ion: 75 Resp: 19120

Ion Ratio Lower Upper

75 100

53 107.9 50.0 149.8

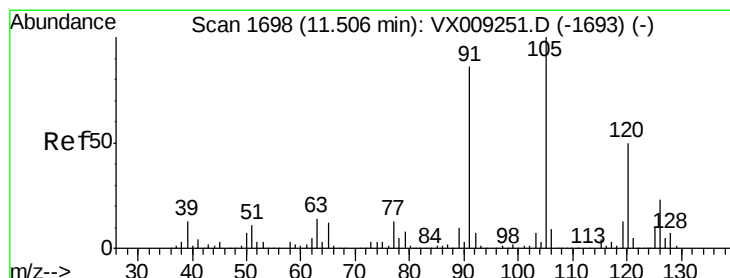
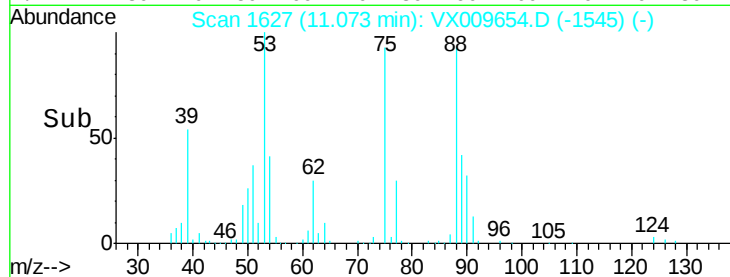
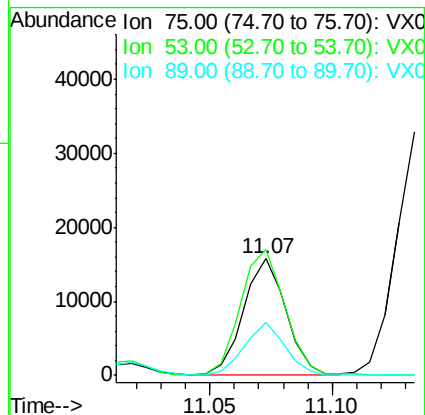
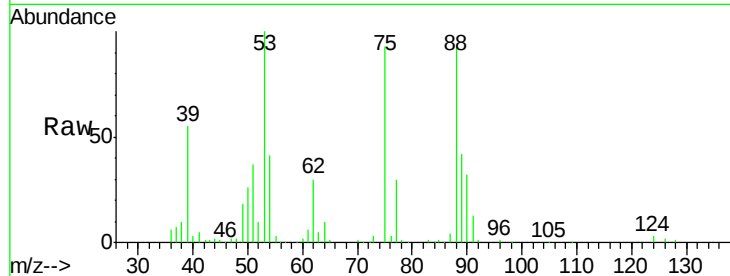
89 45.8 21.6 65.0

Manual Integrations

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#78

4-Chlorotoluene

Concen: 17.935 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009654.D

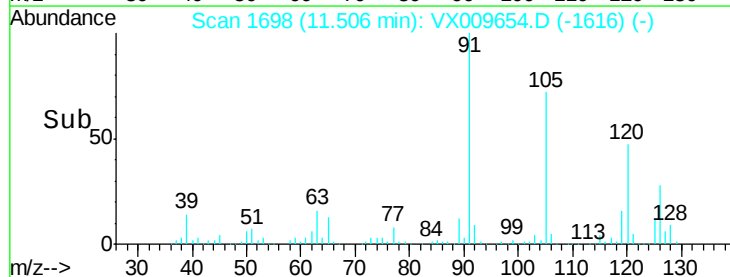
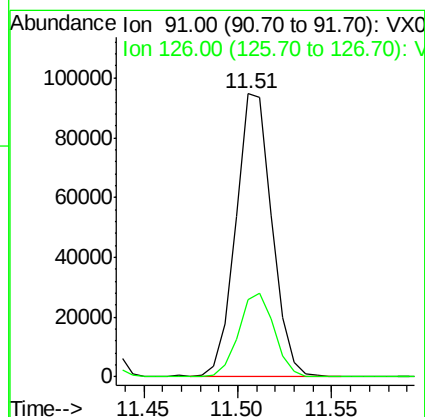
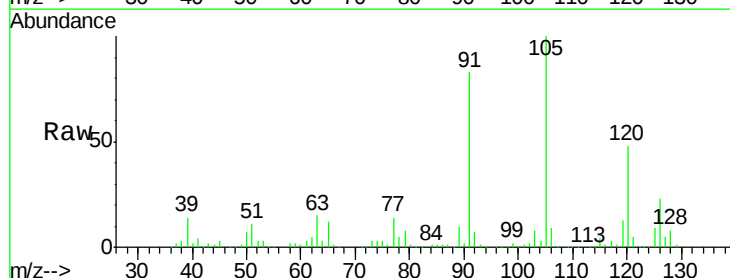
Acq: 17 May 2019 11:22

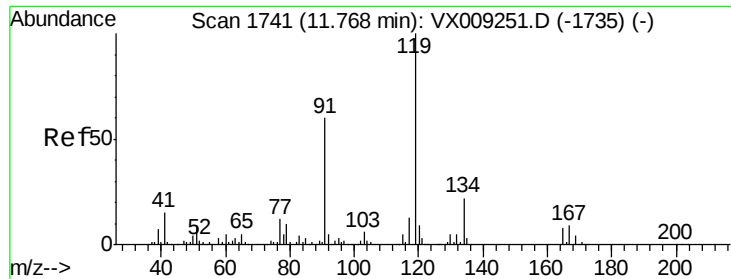
Tgt Ion: 91 Resp: 125889

Ion Ratio Lower Upper

91 100

126 28.7 0.0 57.0





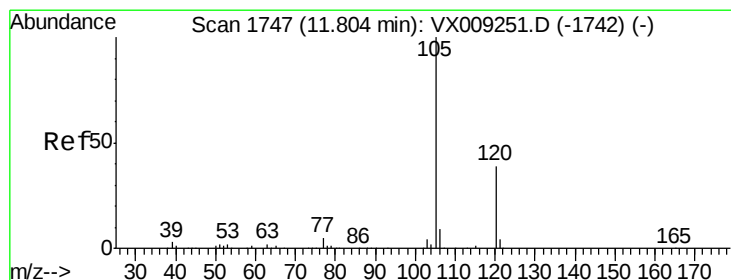
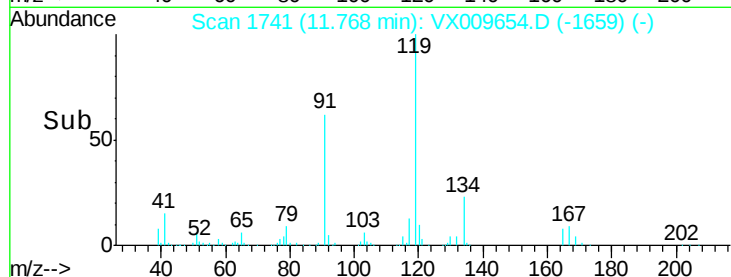
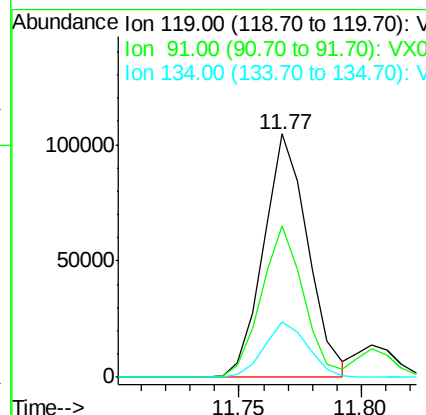
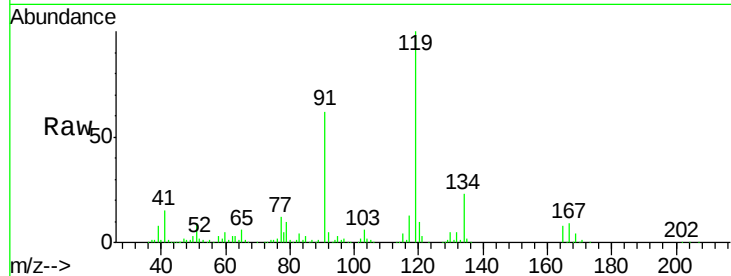
#79
tert-butylbenzene
Concen: 18.050 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131423		
91	59.9	0.0	118.2	
134	22.7	0.0	45.0	

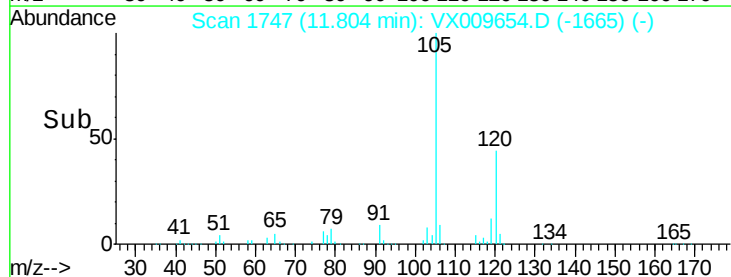
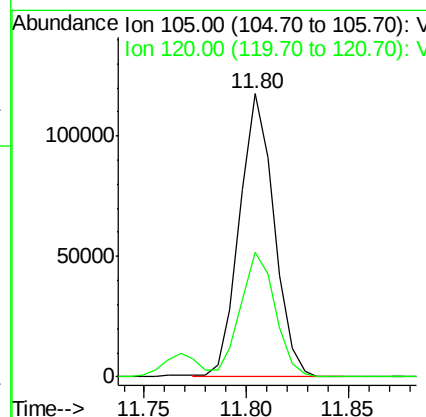
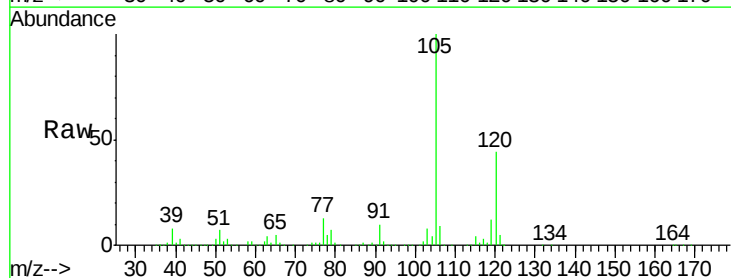
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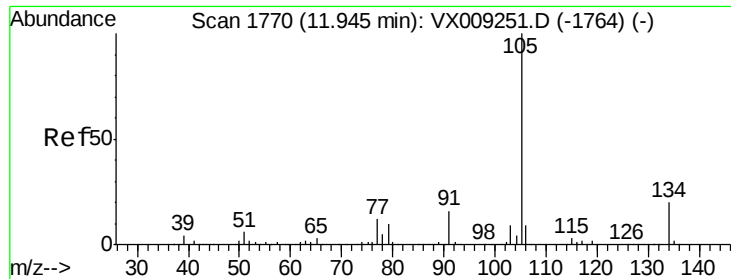
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.216 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	137507		
120	43.9	0.0	89.6	





#81

sec-Butylbenzene

Concen: 18.003 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0517WBS01

Tot Ion:105 Resp: 155735

Ion Ratio Lower Upper

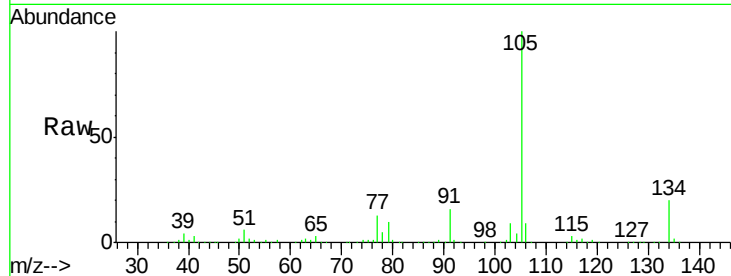
105 100

134 19.6 0.0 38.6

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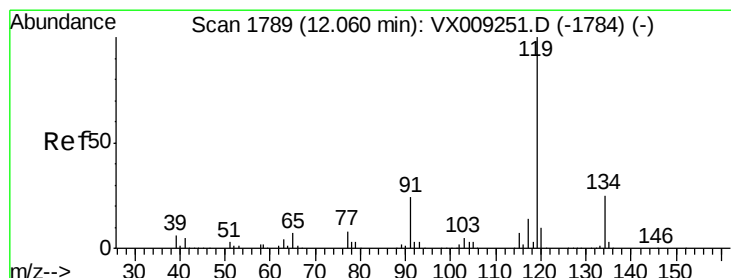
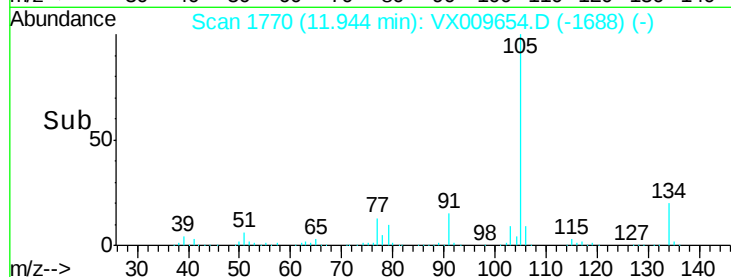
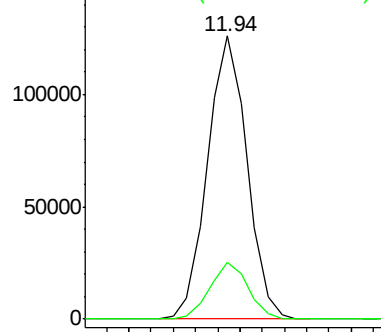
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 17.987 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

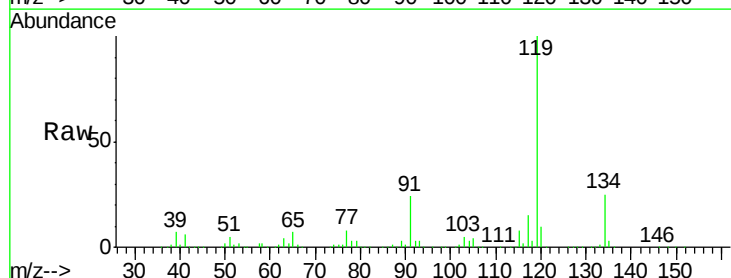
Tgt Ion:119 Resp: 141540

Ion Ratio Lower Upper

119 100

134 25.3 0.0 50.8

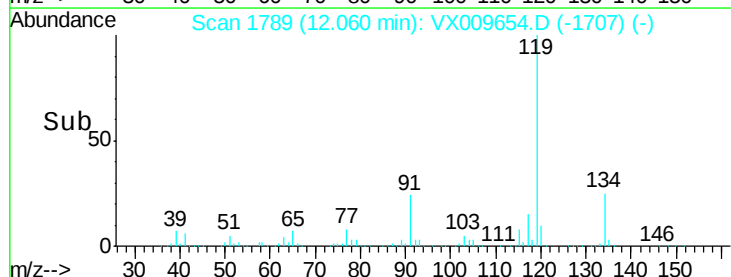
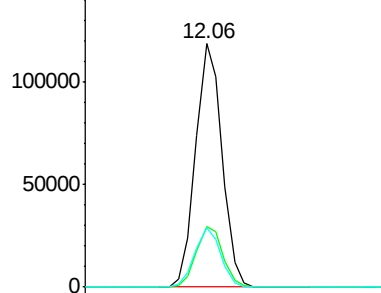
91 23.7 0.0 47.2

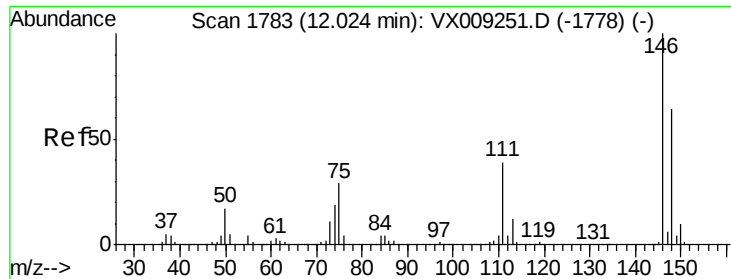


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





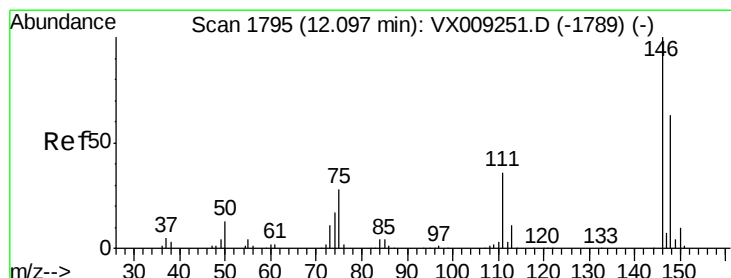
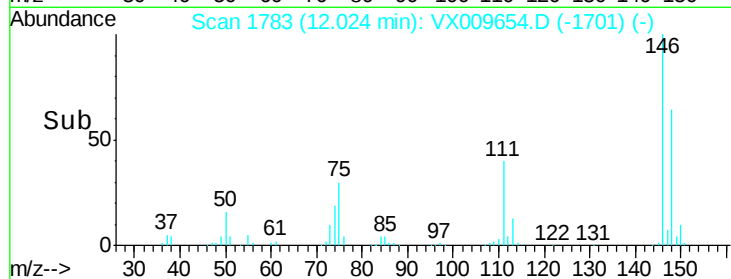
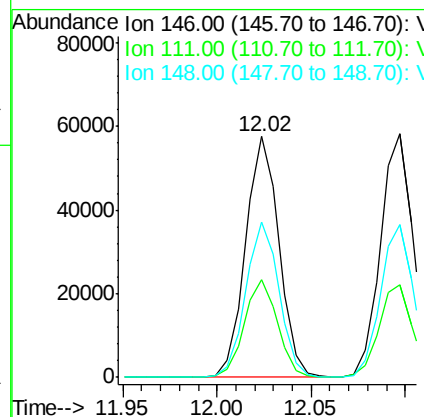
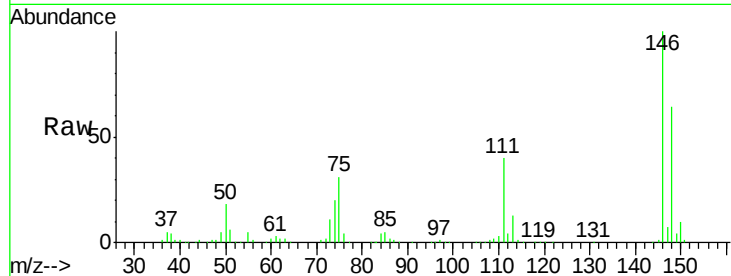
#83
 1,3-Dichlorobenzene
 Concen: 18.035 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	64.3	32.2	96.6

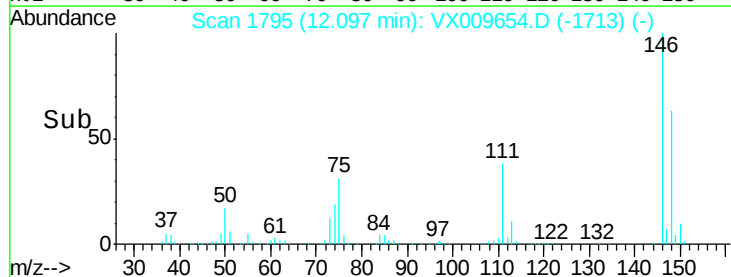
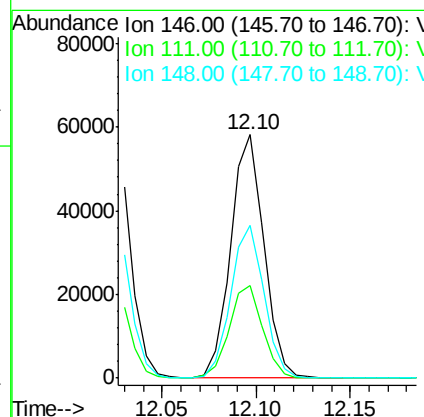
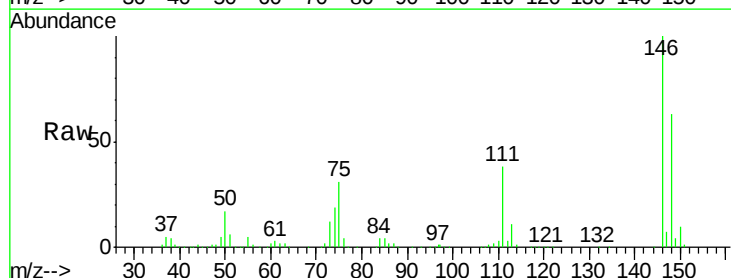
Manual Integrations
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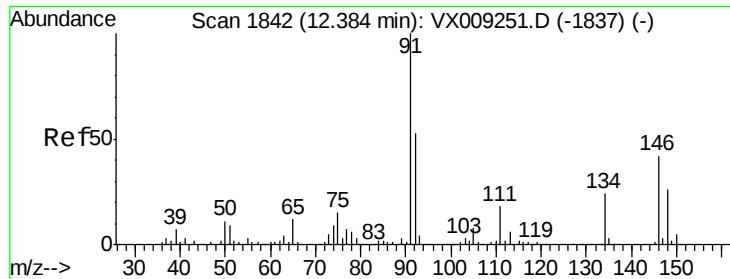
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 18.112 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	63.3	32.3	96.8





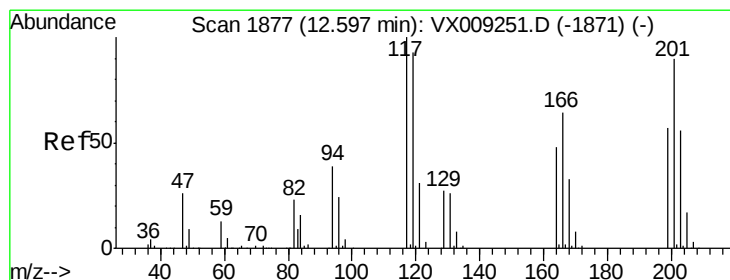
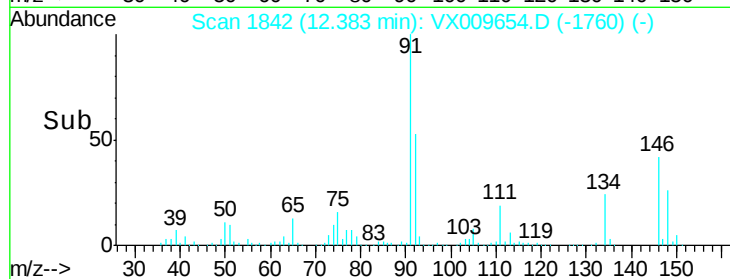
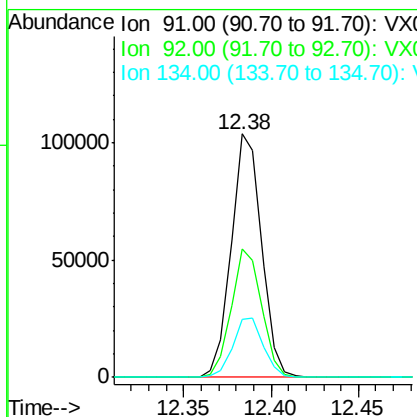
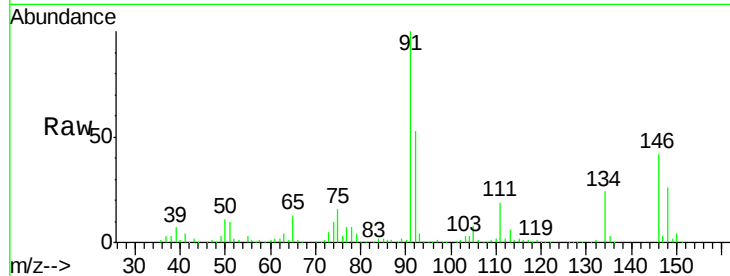
#85
n-Butylbenzene
Concen: 17.327 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	124760		
92	52.9	0.0	106.6	
134	24.6	0.0	50.0	

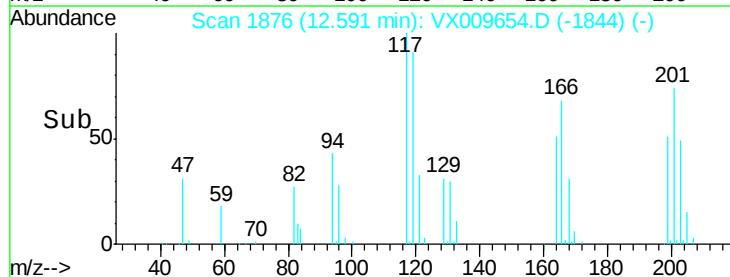
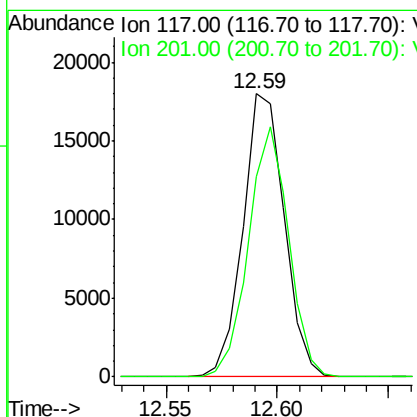
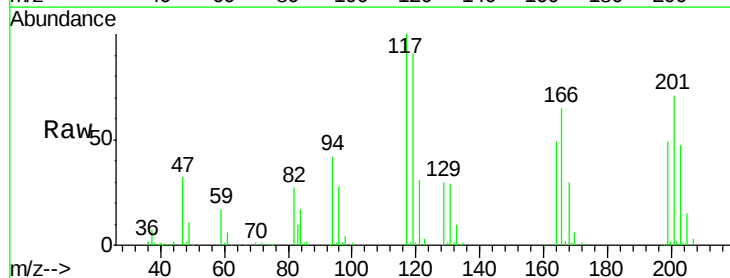
Manual Integrations
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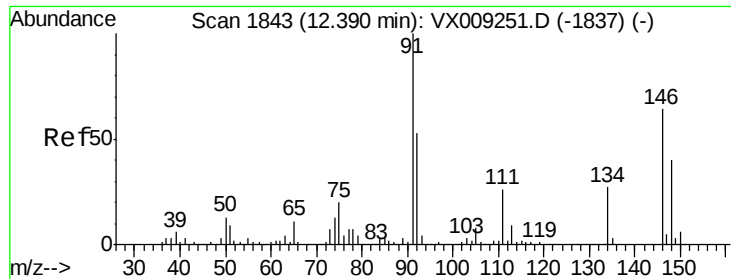
MMDadoda
5/20/2019 11:16:42 AM



#86
Hexachloroethane
Concen: 17.427 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23334		
201	85.4	41.8	125.4	





#87

1,2-Dichlorobenzene

Concen: 18.472 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Instrument :

MSVOA_X

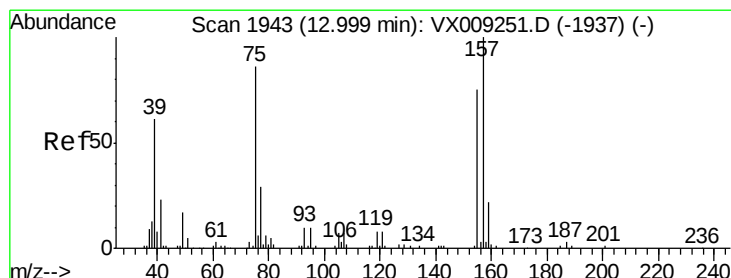
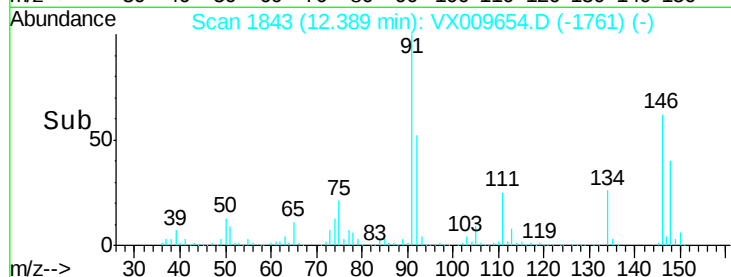
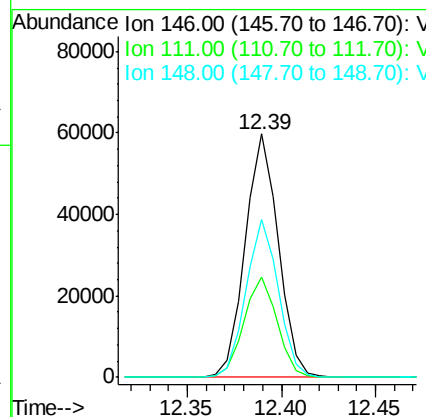
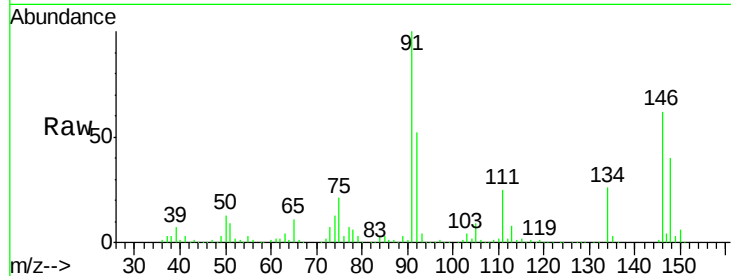
ClientSampleId :

VX0517WBS01

Tot Ion:	146	Resp:	72949
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.8	62.2
148	63.6	31.4	94.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.812 ug/l

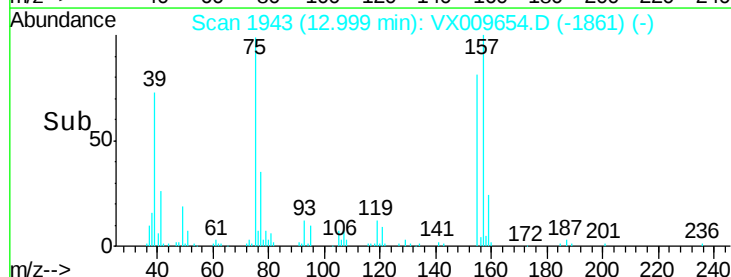
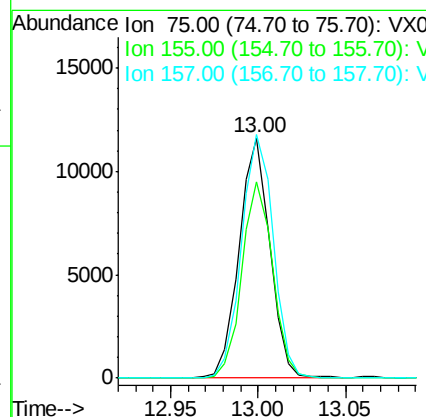
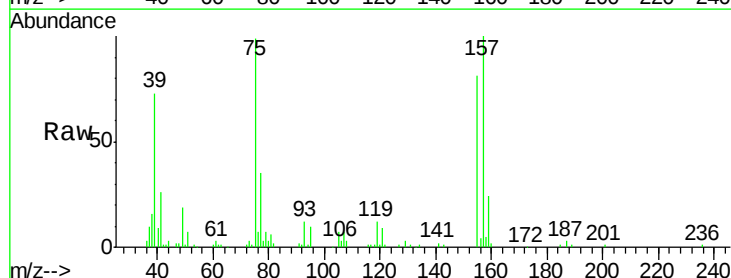
RT: 13.00 min Scan# 1943

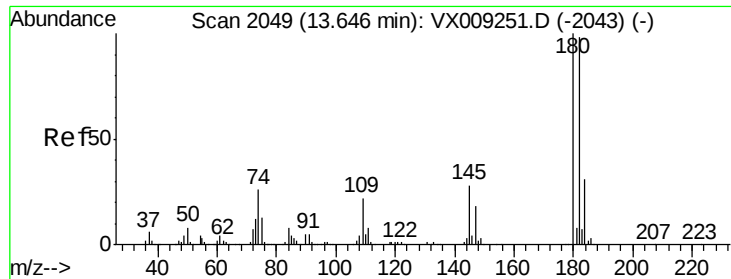
Delta R.T. -0.00 min

Lab File: VX009654.D

Acq: 17 May 2019 11:22

Tgt Ion:	75	Resp:	14235
Ion Ratio	Lower	Upper	
75	100		
155	81.5	65.9	98.9
157	104.6	85.2	127.8





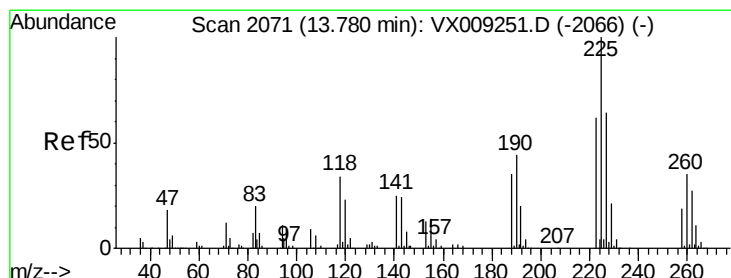
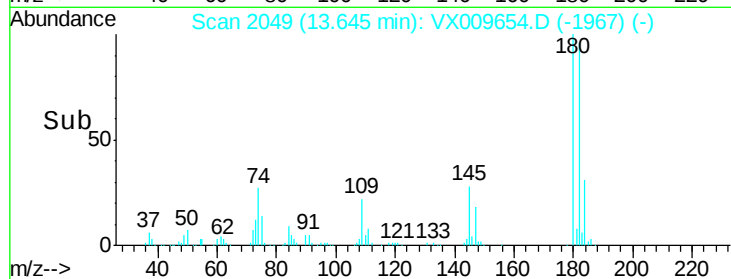
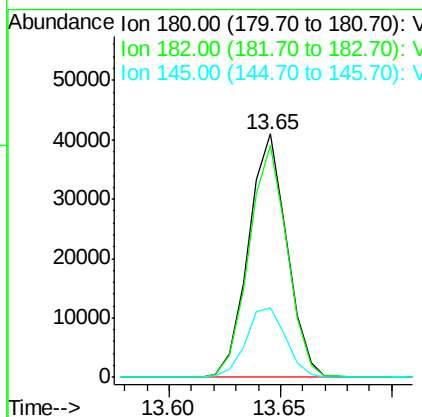
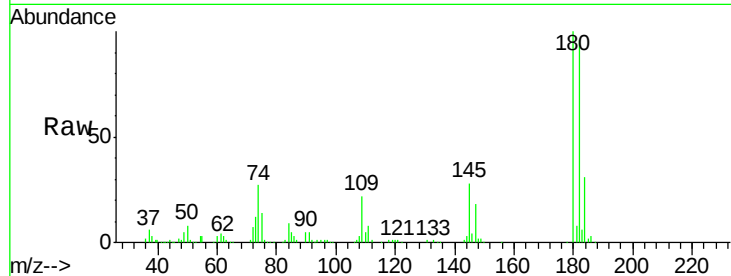
#89
 1,2,4-Trichlorobenzene
 Concen: 17.548 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Tot Ion:	180	Resp:	49393
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.9	115.3
145	29.7	23.0	34.6

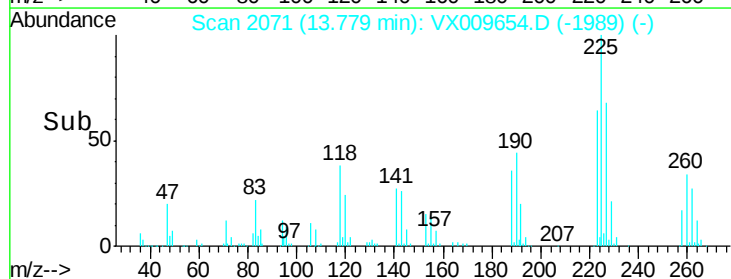
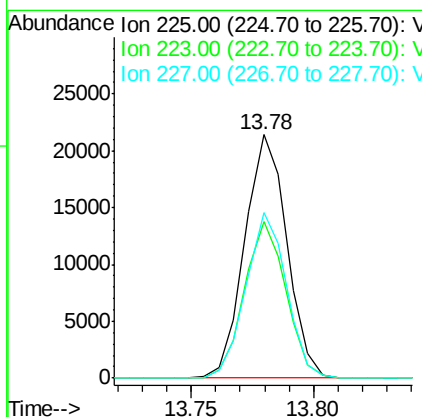
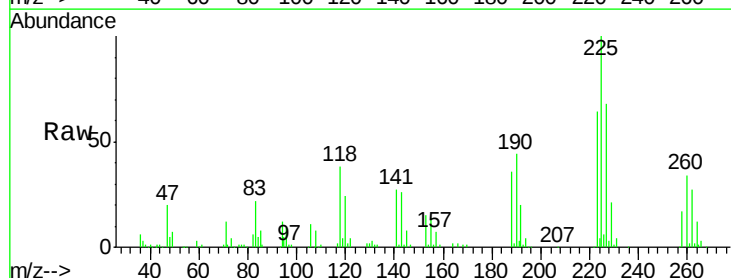
Manual Integrations
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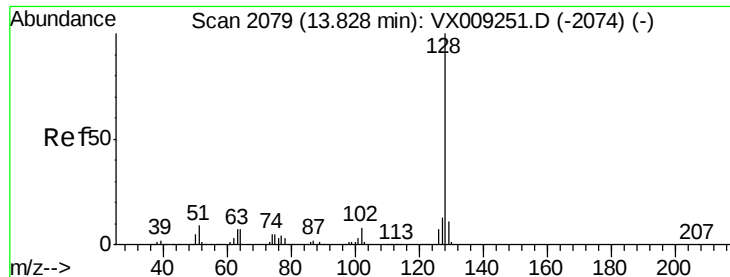
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#90
 Hexachlorobutadiene
 Concen: 18.287 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009654.D
 Acq: 17 May 2019 11:22

Tgt Ion:	225	Resp:	25712
Ion Ratio	Lower	Upper	
225	100		
223	63.5	0.0	126.6
227	65.8	0.0	130.0





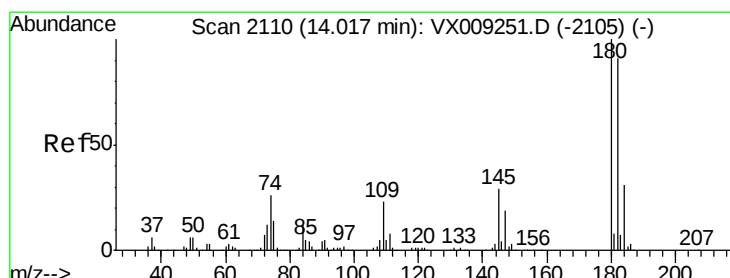
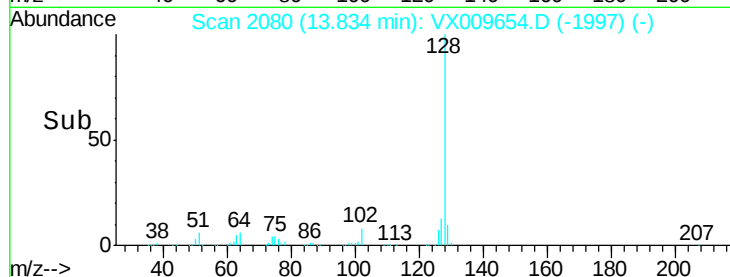
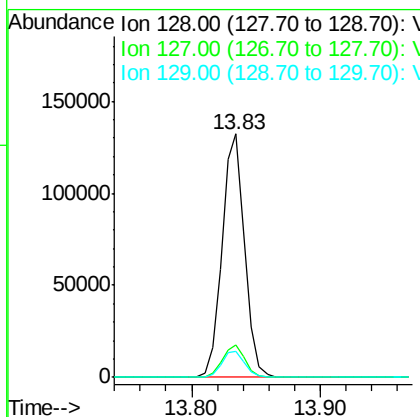
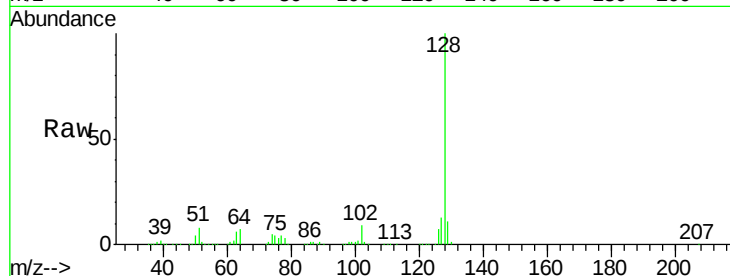
#91
Naphthalene
Concen: 17.614 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.074 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009654.D
Acq: 17 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	189.0
145	30.1	0.0	61.6

