

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012473.D
 Acq On : 18 Sep 2019 15:01
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:04:29 PM

Quant Time: Sep 19 07:06:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	266480	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.49	113	198008	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	8.71	98	727794	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.14	95	284418	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25019	10.243	ug/l	93
3) Chloromethane	1.32	50	21516	10.363	ug/l	100
4) Vinyl Chloride	1.40	62	24210	10.789	ug/l	98
5) Bromomethane	1.63	94	10225	11.598	ug/l	99
6) Chloroethane	1.71	64	17321	9.864	ug/l	100
7) Trichlorofluoromethane	1.92	101	45657	11.099	ug/l	98
8) Diethyl Ether	2.18	74	19488	10.489	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32041	10.765	ug/l	99
10) Methyl Iodide	2.50	142	23816	12.938	ug/l	96
11) Tert butyl alcohol	3.03	59	70147	46.323	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25986	10.945	ug/l	94
13) Acrolein	2.28	56	18959	38.470	ug/l	99
14) Allyl chloride	2.72	41	57024	10.316	ug/l	99
15) Acrylonitrile	3.13	53	122736	52.331	ug/l	99
16) Acetone	2.44	43	118180	41.136	ug/l	97
17) Carbon Disulfide	2.56	76	30604	10.591	ug/l	95
18) Methyl Acetate	2.76	43	59799	10.603	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	135882	10.497	ug/l	95
20) Methylene Chloride	2.85	84	35132	10.725	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	27366	11.100	ug/l	95
22) Diisopropyl ether	3.84	45	133691	10.330	ug/l	98
23) Vinyl Acetate	3.80	43	562635	52.846	ug/l	99
24) 1,1-Dichloroethane	3.69	63	67067	10.830	ug/l	100
25) 2-Butanone	4.66	43	183939	48.993	ug/l	98
26) 2,2-Dichloropropane	4.57	77	57871	9.502	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	39484	10.720	ug/l	97
28) Bromochloromethane	5.01	49	30302	9.492	ug/l	98
29) Tetrahydrofuran	5.12	42	111403	53.712	ug/l	99
30) Chloroform	5.20	83	74647	10.496	ug/l	99
31) Cyclohexane	5.56	56	39953	10.688	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	63080	10.612	ug/l	100
36) 1,1-Dichloropropene	5.79	75	40354	10.774	ug/l	95
37) Ethyl Acetate	4.83	43	66914	11.638	ug/l	99
38) Carbon Tetrachloride	5.78	117	49547	10.636	ug/l	99

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 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0918WBSD01

Manual Integrations
 APPROVED

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 9/19/2019 1:04:29 PM

Quant Time: Sep 19 07:06:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40776	11.198	ug/l	96
40) Benzene	6.14	78	131959	11.079	ug/l	98
41) Methacrylonitrile	5.03	41	38681	10.448	ug/l	96
42) 1,2-Dichloroethane	6.18	62	60075	10.875	ug/l	99
43) Isopropyl Acetate	6.43	43	108891	10.552	ug/l	99
44) Trichloroethene	7.21	130	36084	11.517	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39614	10.826	ug/l	98
46) Dibromomethane	7.65	93	26129	11.034	ug/l	99
47) Bromodichloromethane	7.89	83	55532	10.532	ug/l	97
48) Methyl methacrylate	7.76	41	50387	10.358	ug/l	98
49) 1,4-Dioxane	7.73	88	24750	209.054	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	364386	53.845	ug/l	99
52) Toluene	8.78	92	86408	11.258	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	56456	10.301	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60064	10.585	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43330	10.958	ug/l	96
56) Ethyl methacrylate	9.17	69	65774	10.639	ug/l	97
57) 1,3-Dichloropropane	9.37	76	71191	11.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	178015	55.627	ug/l	100
59) 2-Hexanone	9.49	43	276343	52.342	ug/l	99
60) Dibromochloromethane	9.58	129	43422	10.781	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40931	11.334	ug/l	99
64) Tetrachloroethene	9.33	164	32301	13.109	ug/l	93
65) Chlorobenzene	10.14	112	101633	11.452	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42064	11.420	ug/l	99
67) Ethyl Benzene	10.25	91	173574	11.384	ug/l	99
68) m/p-Xylenes	10.35	106	128974	23.248	ug/l	99
69) o-Xylene	10.70	106	67051	11.752	ug/l	97
70) Styrene	10.71	104	115226	11.415	ug/l	99
71) Bromoform	10.85	173	30173	11.838	ug/l #	98
73) Isopropylbenzene	11.01	105	184665	11.766	ug/l	100
74) N-amyl acetate	10.89	43	95769	11.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	69543	11.295	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	67986m	11.832	ug/l	
77) Bromobenzene	11.25	156	46535	12.157	ug/l	97
78) n-propylbenzene	11.35	91	201608	11.525	ug/l	99
79) 2-Chlorotoluene	11.42	91	131608	11.565	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158326	11.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19927	12.027	ug/l	96
82) 4-Chlorotoluene	11.51	91	151517	11.601	ug/l	99
83) tert-Butylbenzene	11.77	119	161016	11.226	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	159943	11.637	ug/l	100
85) sec-Butylbenzene	11.94	105	180670	11.431	ug/l	99
86) p-Isopropyltoluene	12.06	119	167907	11.569	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83632	11.615	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	85993	11.626	ug/l	97
89) n-Butylbenzene	12.38	91	141472	10.925	ug/l	98
90) Hexachloroethane	12.59	117	28563	10.733	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	87279	11.597	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18419	11.539	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

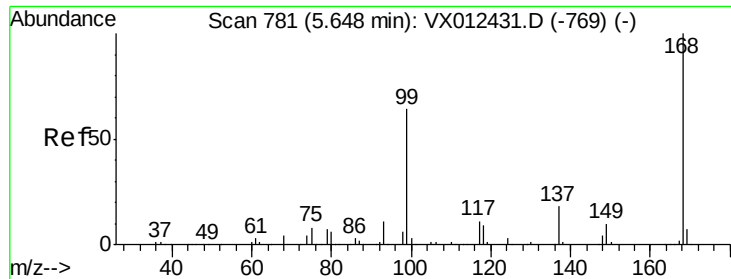
Manual Integrations
APPROVED

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9/19/2019 1:04:29 PM

Quant Time: Sep 19 07:06:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	56123	11.578	ug/l	98
94) Hexachlorobutadiene	13.78	225	24328	10.648	ug/l	99
95) Naphthalene	13.83	128	208174	12.069	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	58514	11.846	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



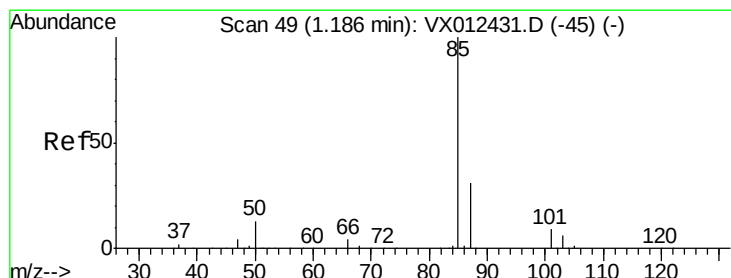
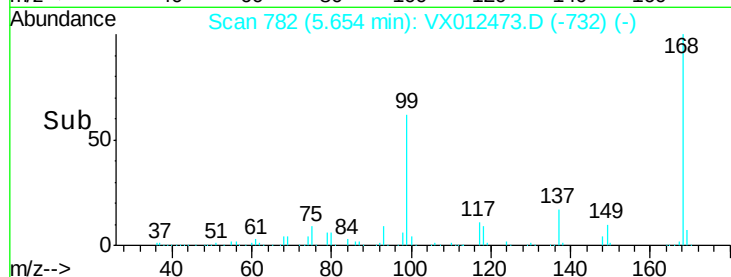
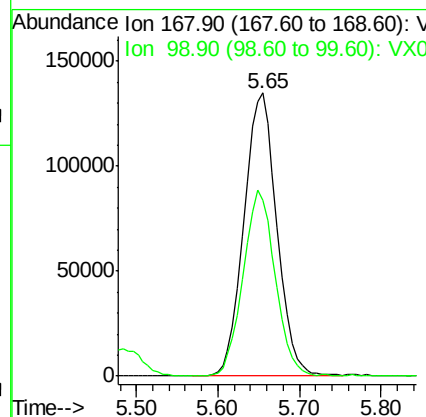
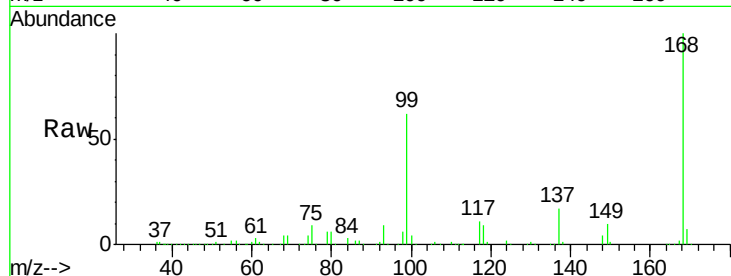
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	62.0	51.4	77.2

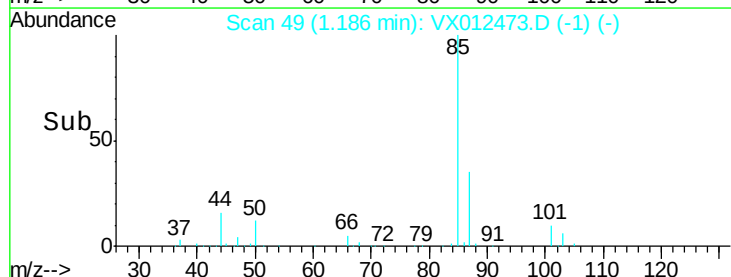
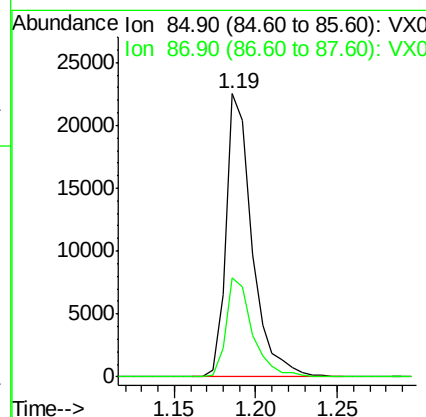
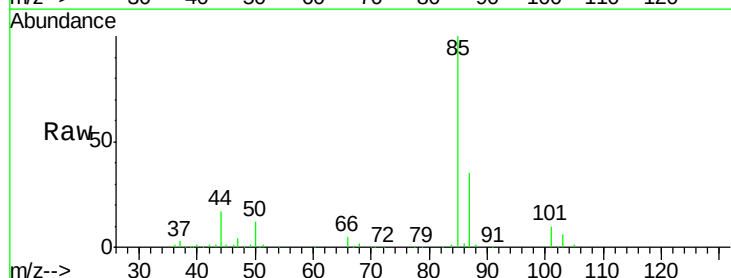
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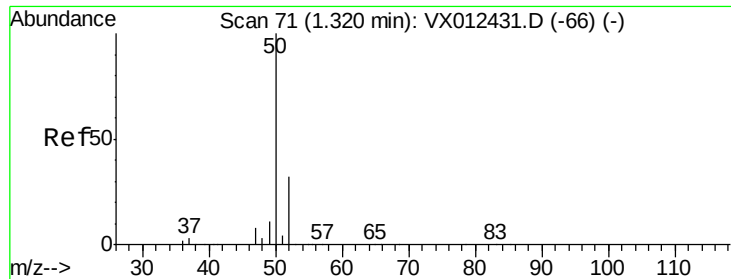
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#2
Dichlorodifluoromethane
Concen: 10.243 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.2	15.6	46.8





#3

Chloromethane

Concen: 10.363 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 50 Resp: 21516

Ion Ratio Lower Upper

50 100

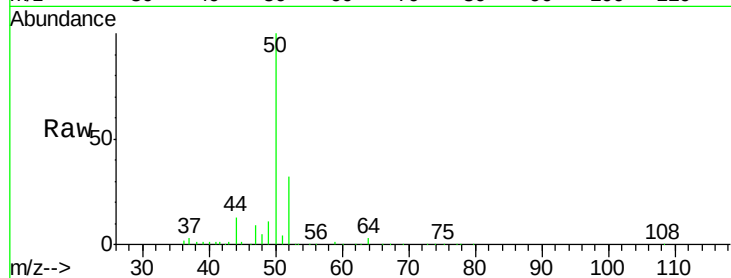
52 31.9 25.7 38.5

Manual Integrations

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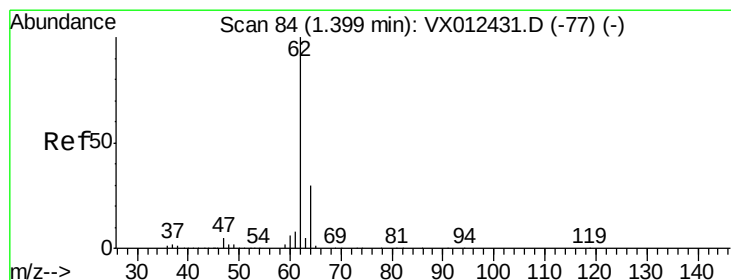
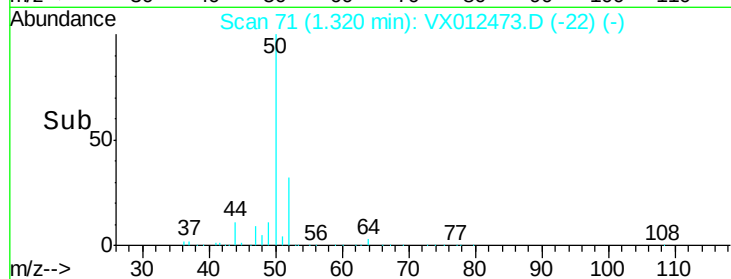
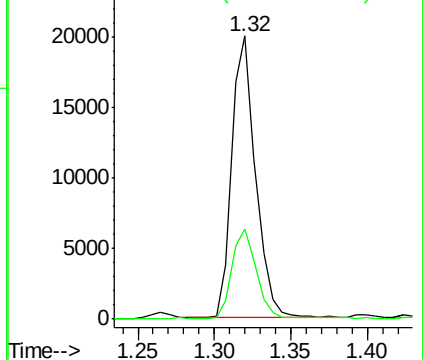
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 10.789 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012473.D

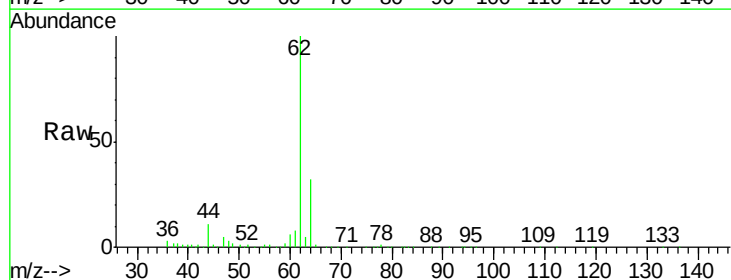
Acq: 18 Sep 2019 15:01

Tgt Ion: 62 Resp: 24210

Ion Ratio Lower Upper

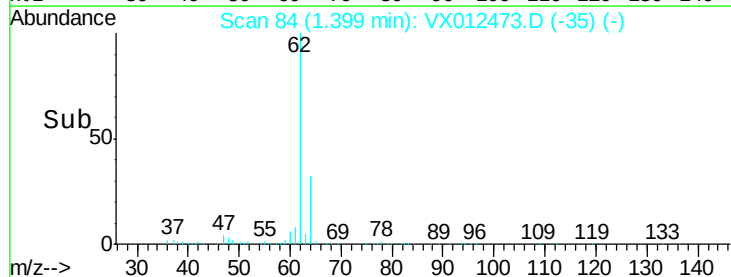
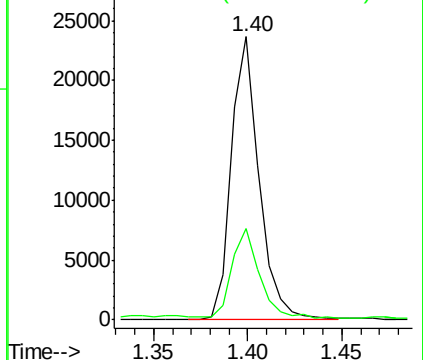
62 100

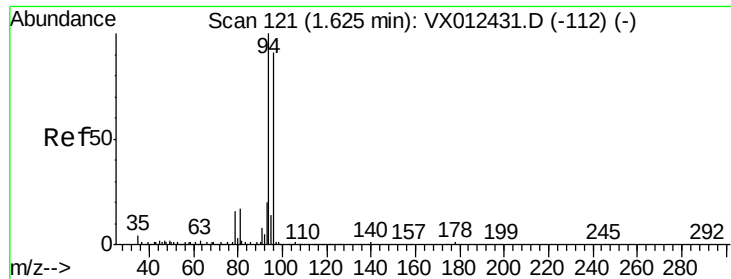
64 31.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 11.598 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 94 Resp: 10225

Ion Ratio Lower Upper

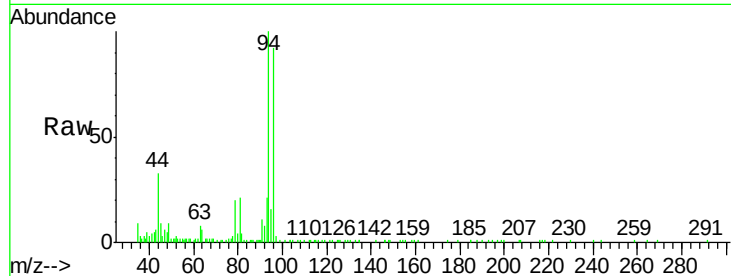
94 100

96 92.4 72.8 109.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

10000

8000

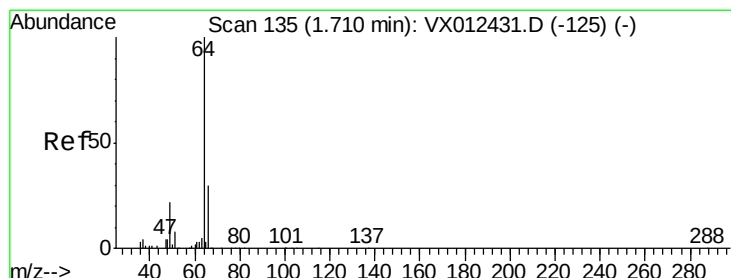
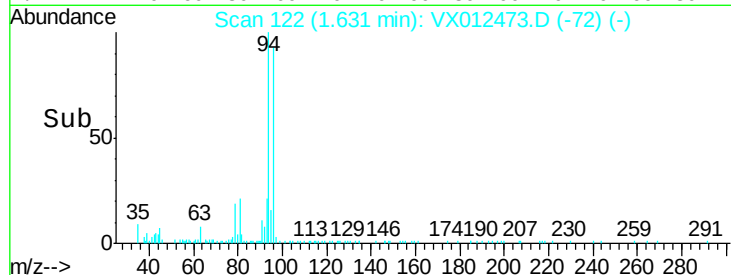
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 9.864 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012473.D

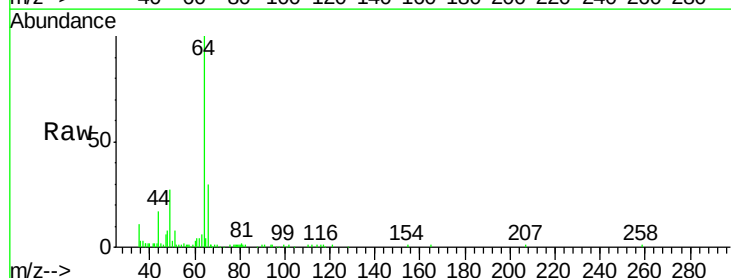
Acq: 18 Sep 2019 15:01

Tgt Ion: 64 Resp: 17321

Ion Ratio Lower Upper

64 100

66 30.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

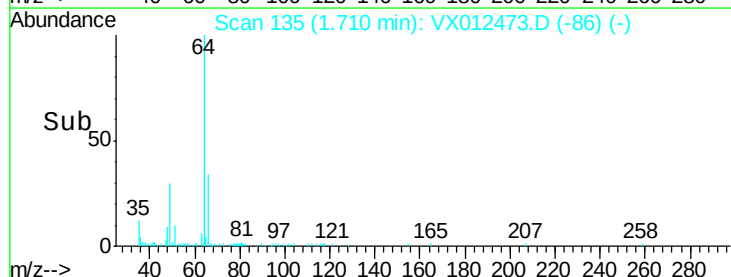
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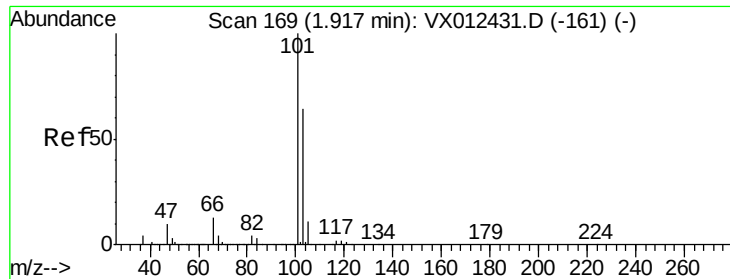
10000

5000

0

Time-->





#7

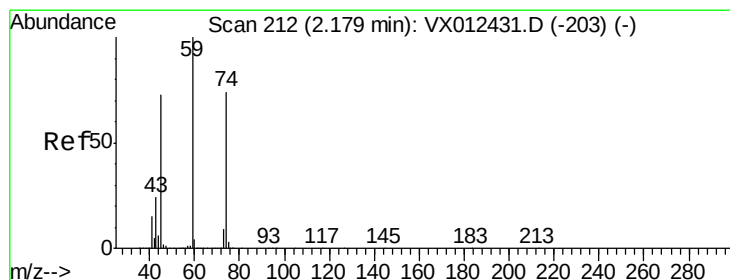
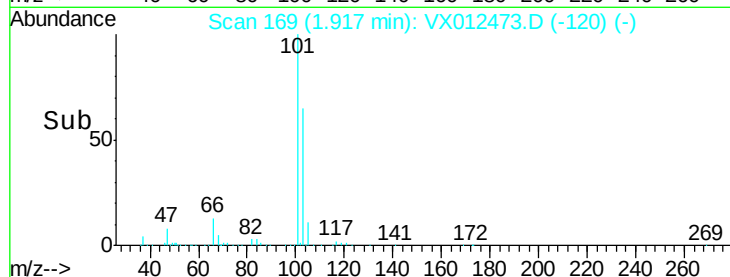
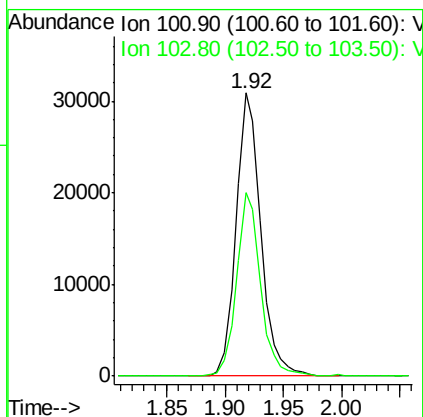
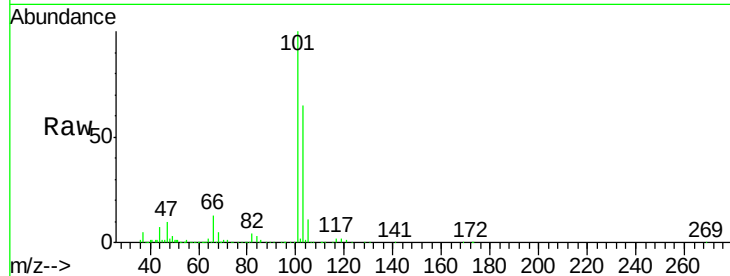
Trichlorofluoromethane
 Concen: 11.099 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		45657		
103	64.9	51.0	76.4		

Manual Integrations
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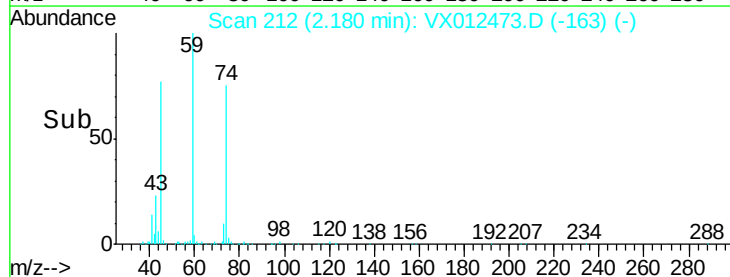
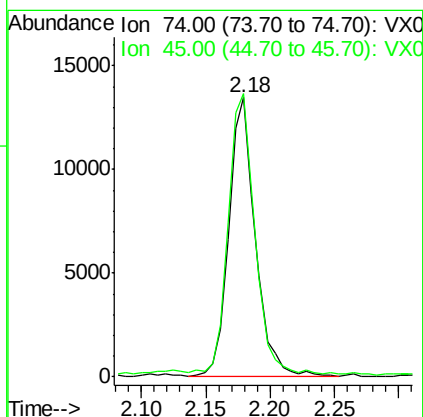
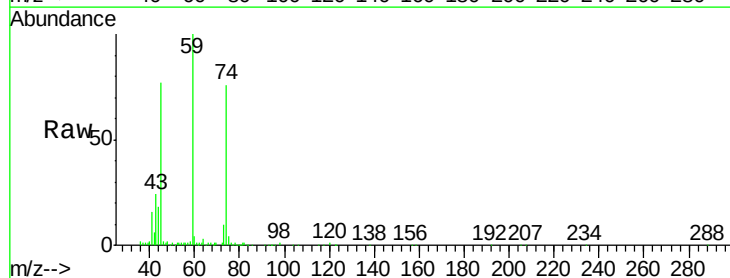
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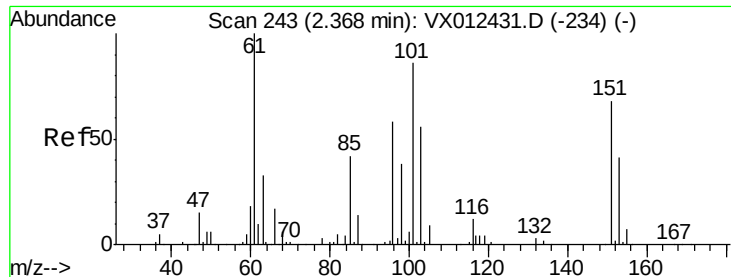


#8

Diethyl Ether
 Concen: 10.489 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		19488		
45	101.1	49.9	149.7		





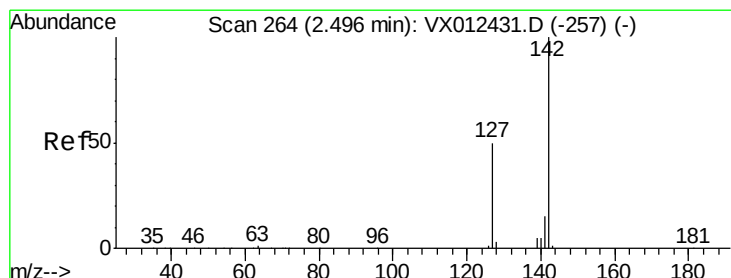
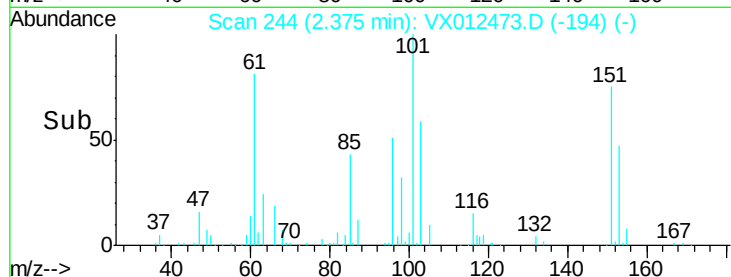
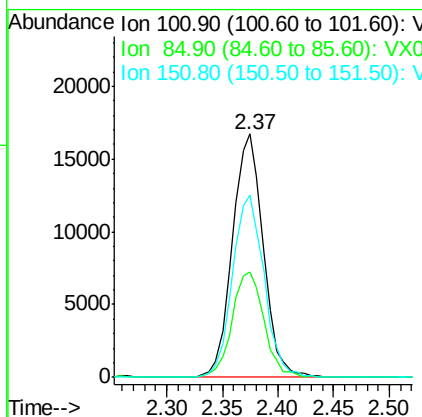
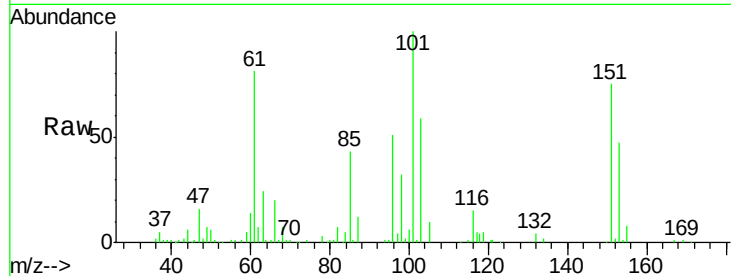
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.765 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	32041		
85	44.9	37.3	55.9	
151	76.7	61.0	91.4	

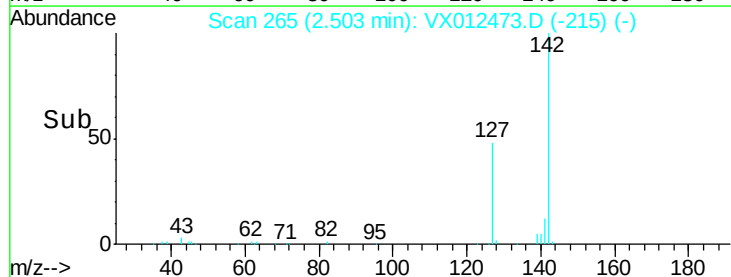
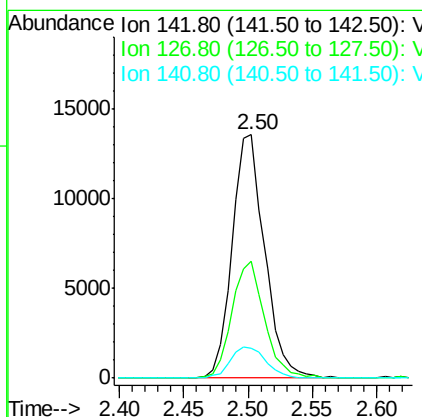
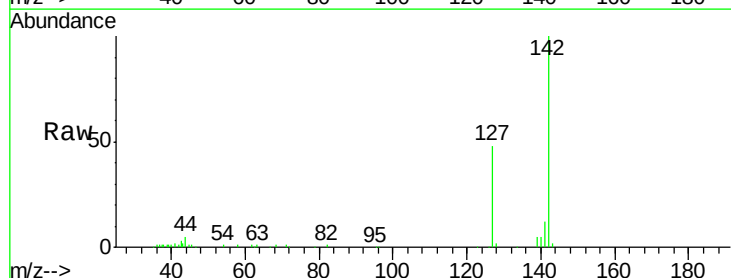
Manual Integrations
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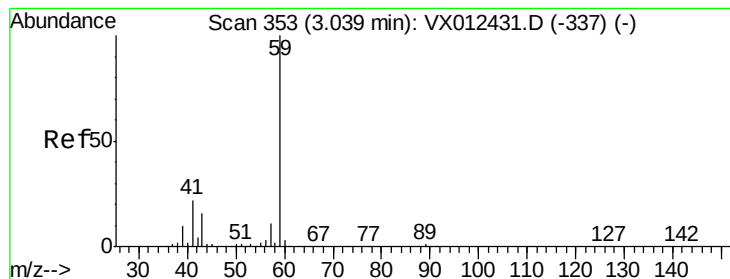
MMDadoda
9/19/2019 1:04:29 PM



#10
Methyl Iodide
Concen: 12.938 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	23816		
127	48.1	40.8	61.2	
141	13.8	12.1	18.1	





#11

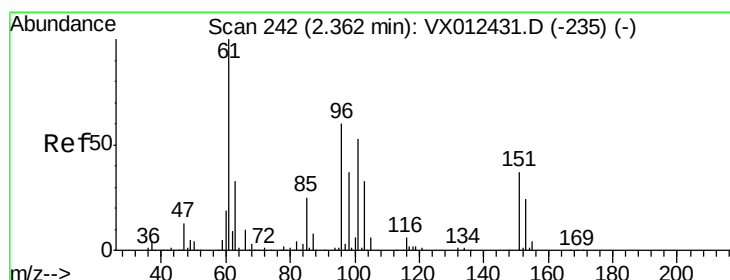
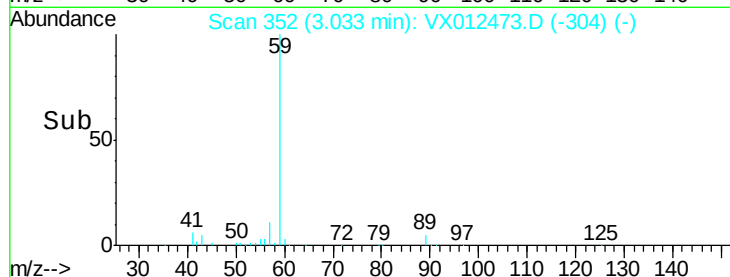
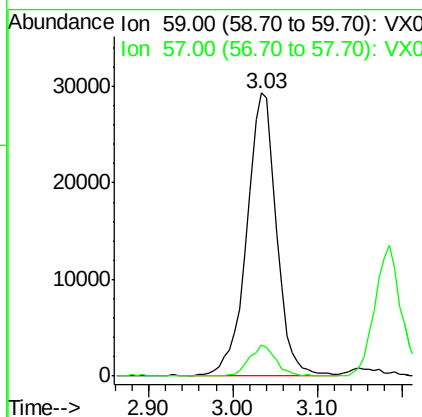
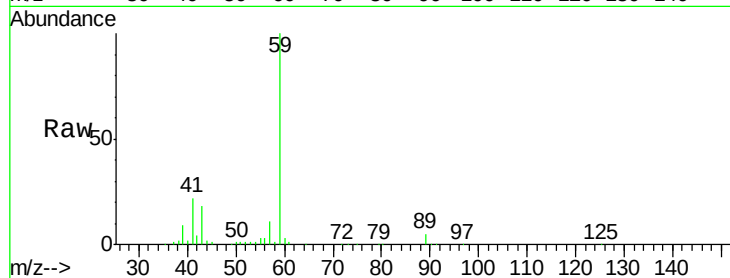
Tert butyl alcohol
 Concen: 46.323 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Manual Integrations
 APPROVED

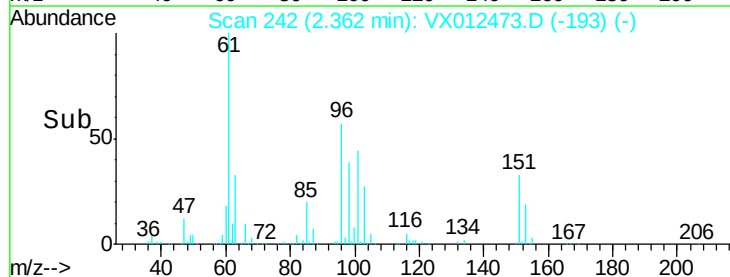
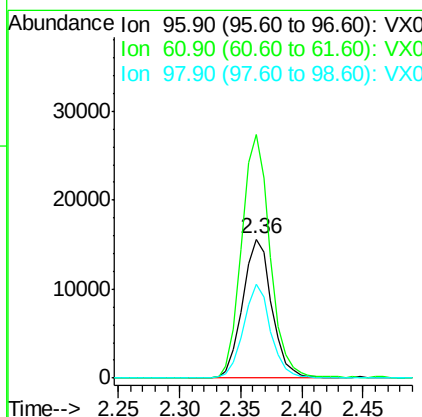
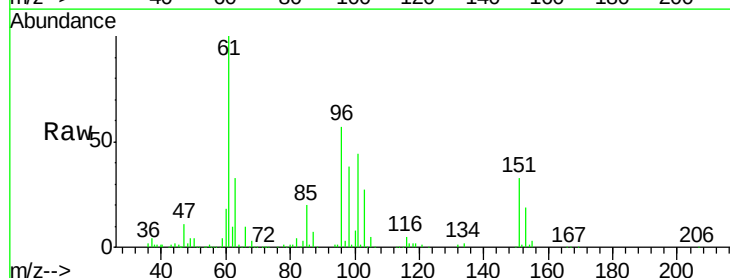
MMDadoda
 9/19/2019 1:04:29 PM

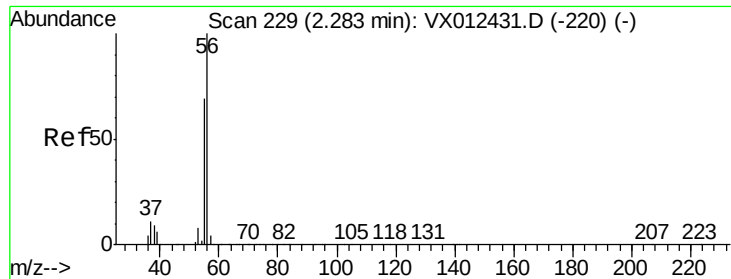


#12

1,1-Dichloroethene
 Concen: 10.945 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.5	133.8	200.6
98	67.2	49.9	74.9





#13

Acrolein

Concen: 38.470 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 56 Resp: 18959

Ion Ratio Lower Upper

56 100

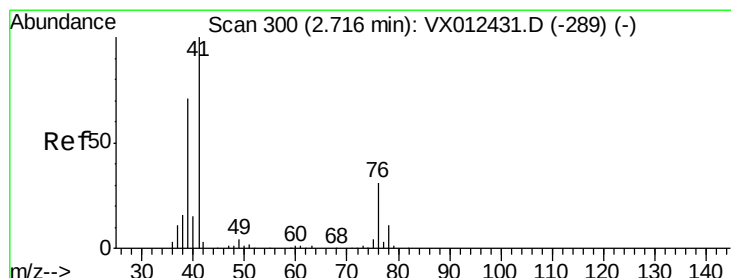
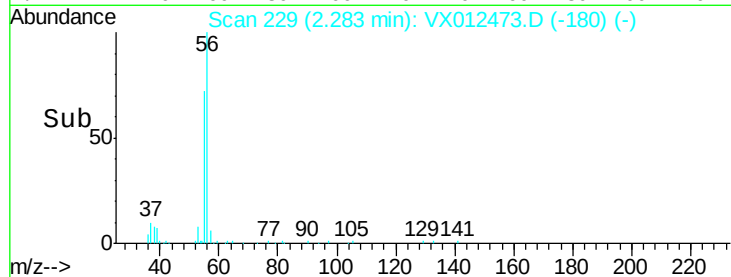
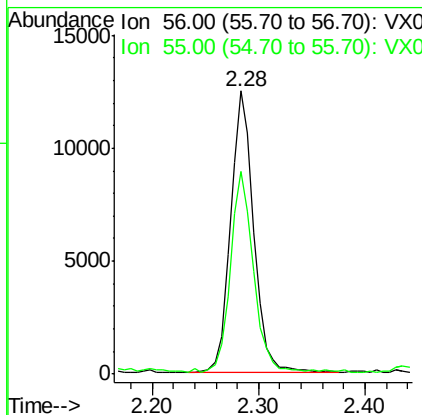
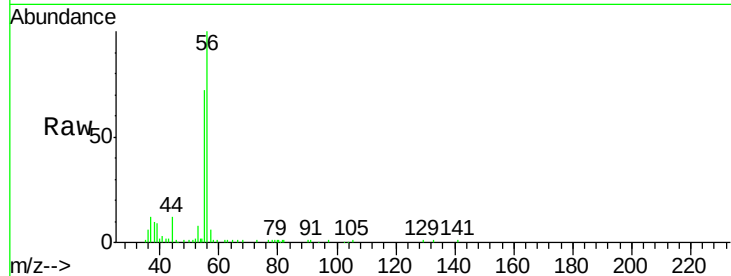
55 70.3 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 10.316 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

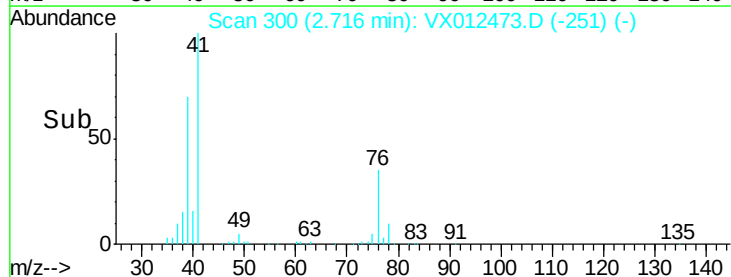
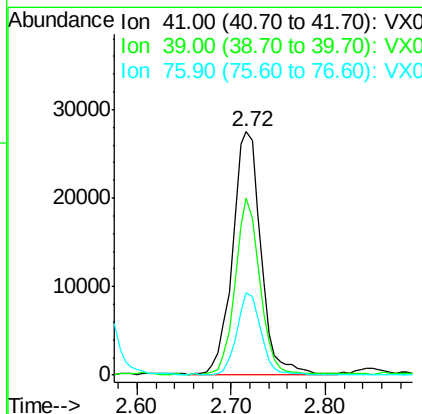
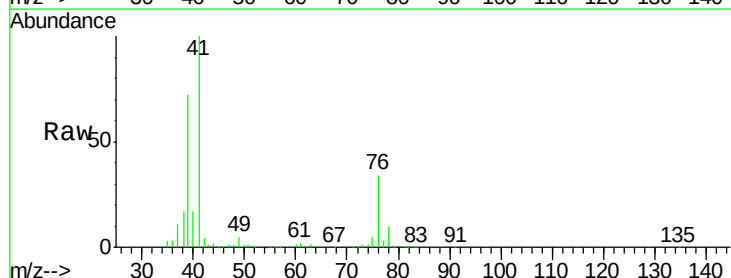
Tgt Ion: 41 Resp: 57024

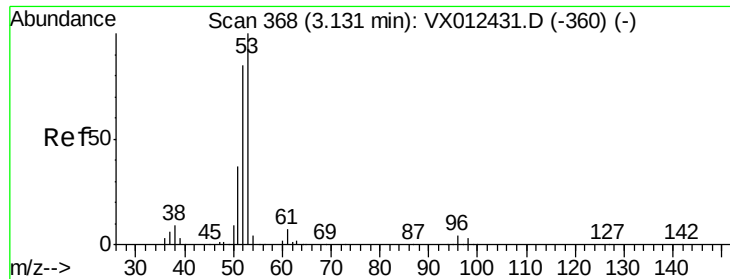
Ion Ratio Lower Upper

41 100

39 63.4 51.3 76.9

76 29.4 22.6 33.8





#15

Acrylonitrile

Concen: 52.331 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

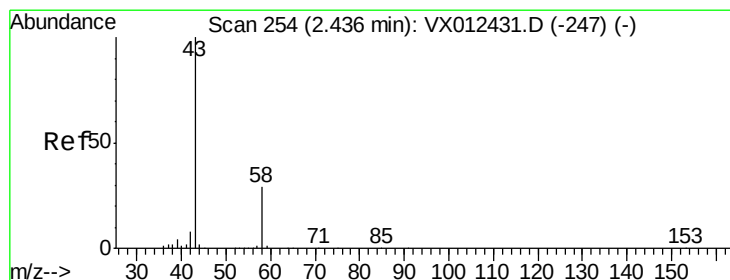
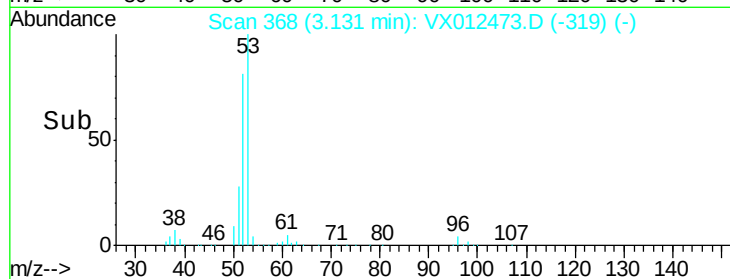
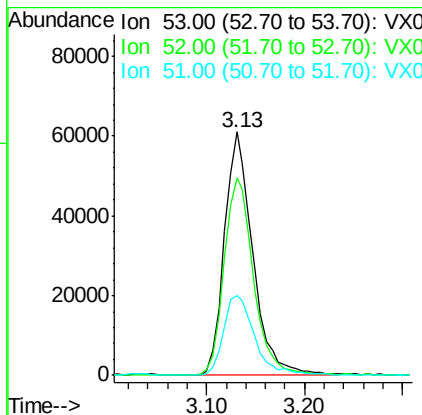
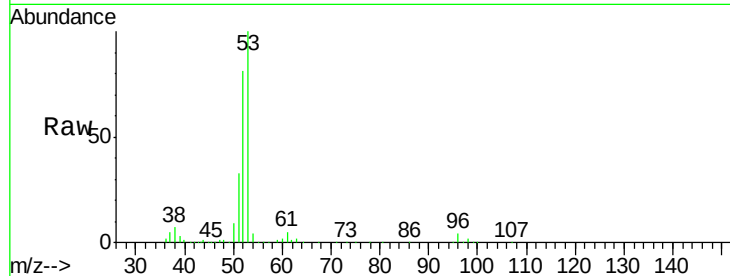
ClientSampleId :

VX0918WBSD01

Tot Ion:	53	Resp:	122736
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.4
51	35.9	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 41.136 ug/l

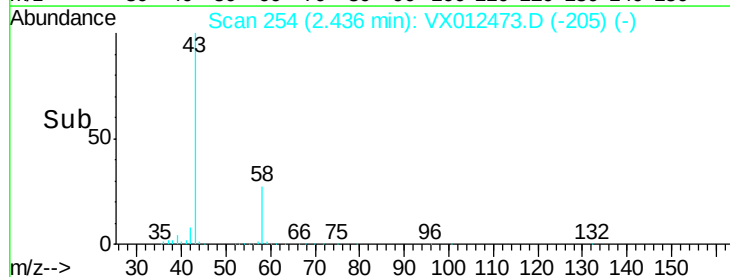
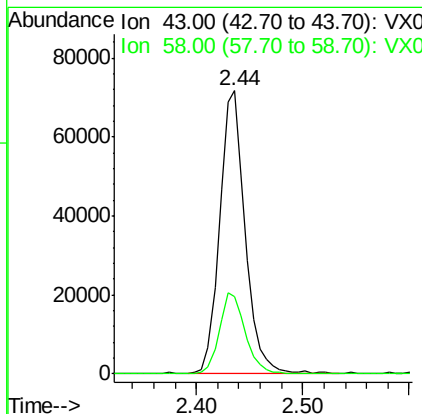
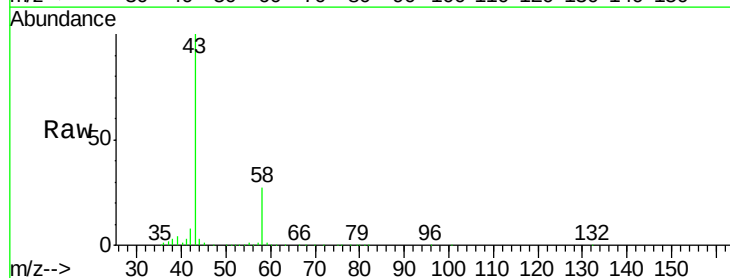
RT: 2.44 min Scan# 254

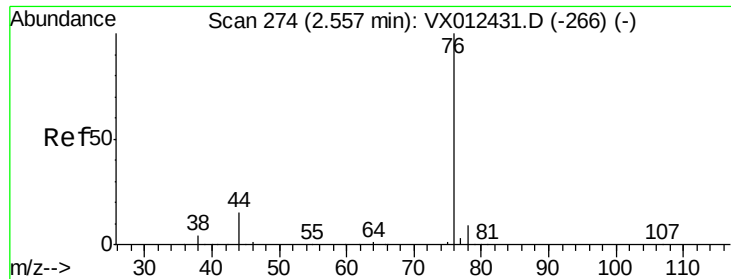
Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	43	Resp:	118180
Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.3	34.9





#17

Carbon Disulfide

Concen: 10.591 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 76 Resp: 30604

Ion Ratio Lower Upper

76 100

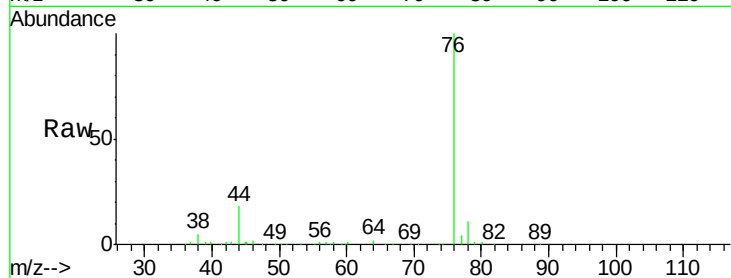
78 10.9 7.3 10.9

Manual Integrations

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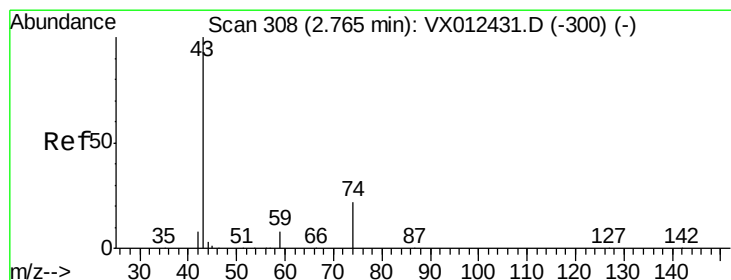
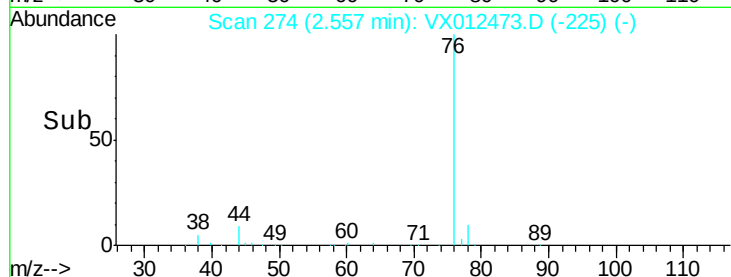
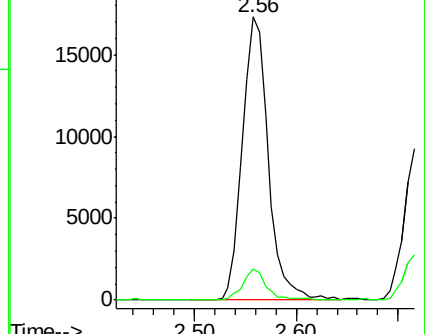
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 10.603 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012473.D

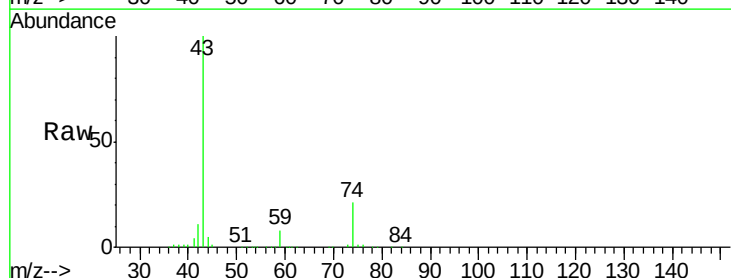
Acq: 18 Sep 2019 15:01

Tgt Ion: 43 Resp: 59799

Ion Ratio Lower Upper

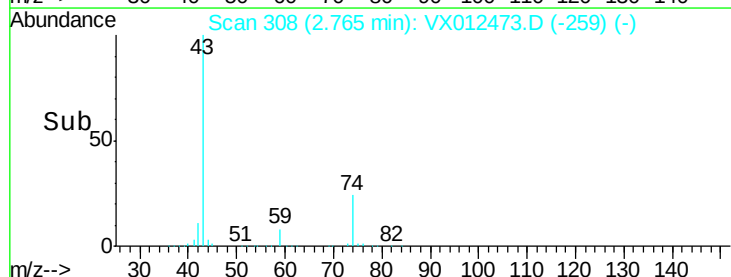
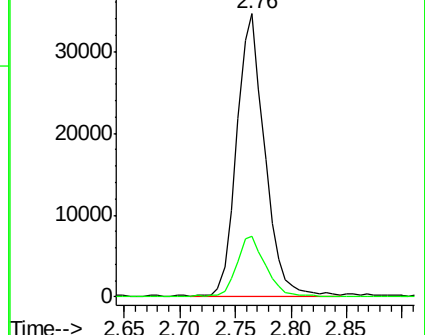
43 100

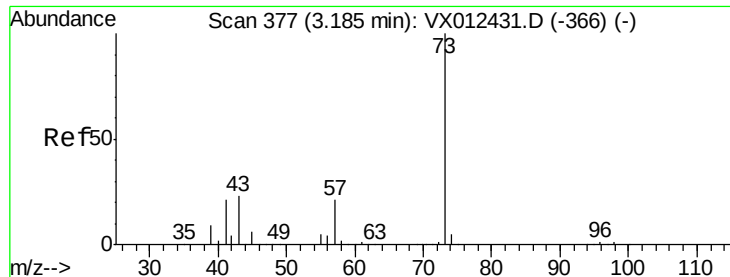
74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





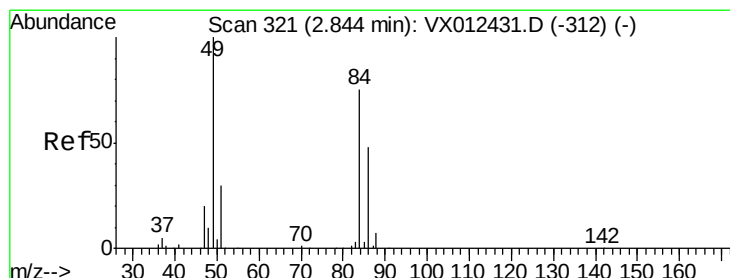
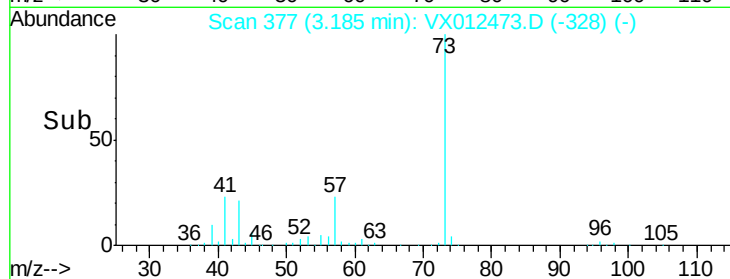
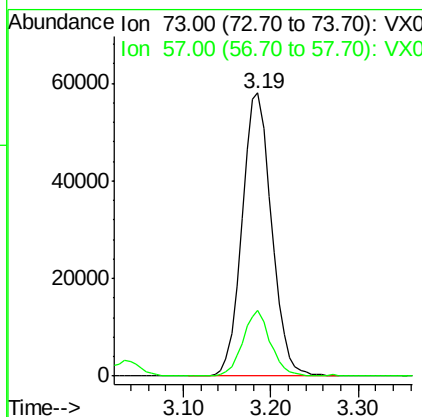
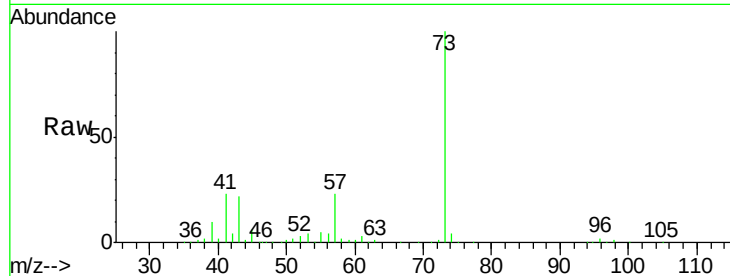
#19
Methyl tert-butyl Ether
Concen: 10.497 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	16.8	25.2

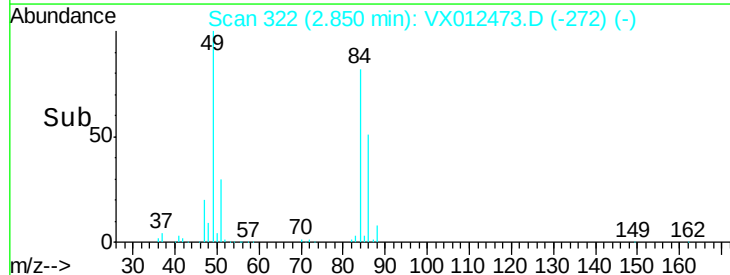
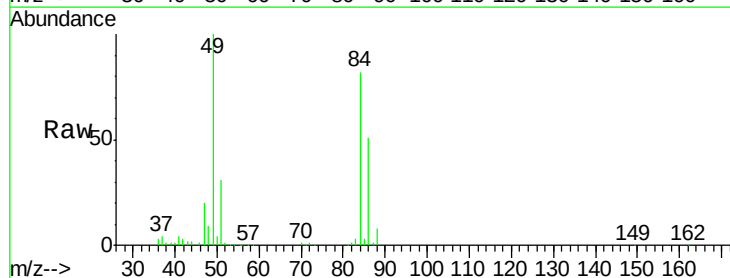
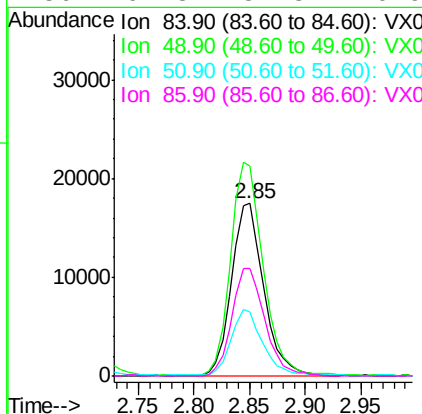
Manual Integrations
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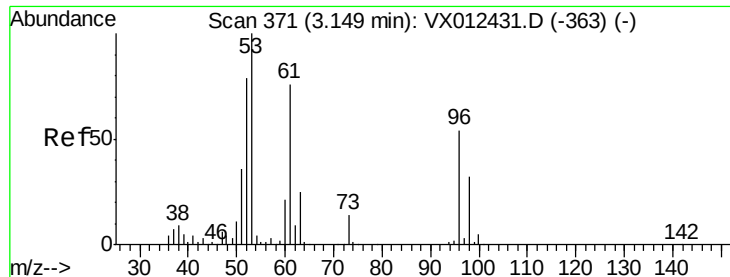
MMDadoda
9/19/2019 1:04:29 PM



#20
Methylene Chloride
Concen: 10.725 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	106.8	160.2
51	37.0	32.3	48.5
86	62.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 11.100 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 96 Resp: 27366

Ion Ratio Lower Upper

96 100

61 145.1 112.0 168.0

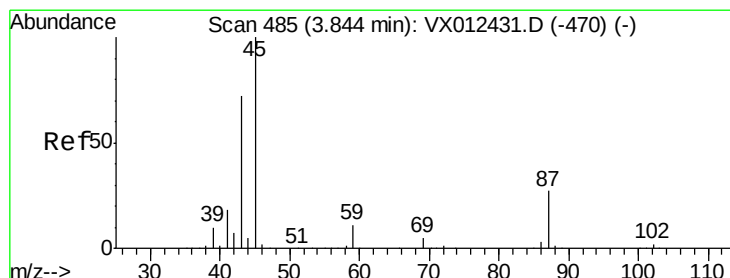
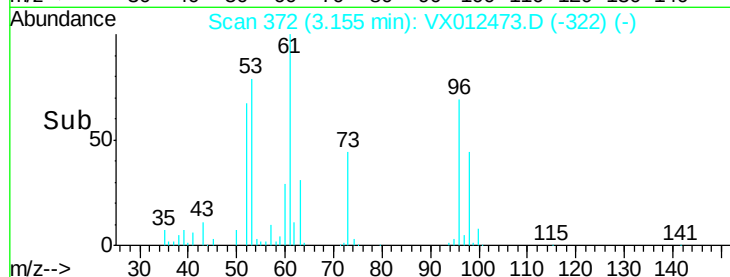
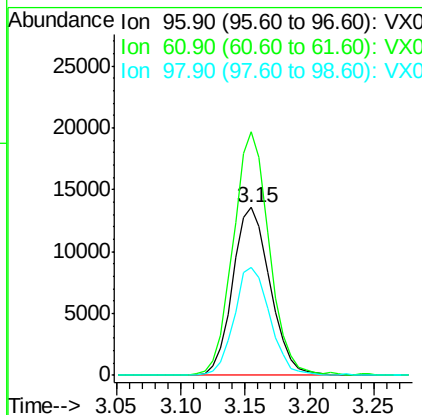
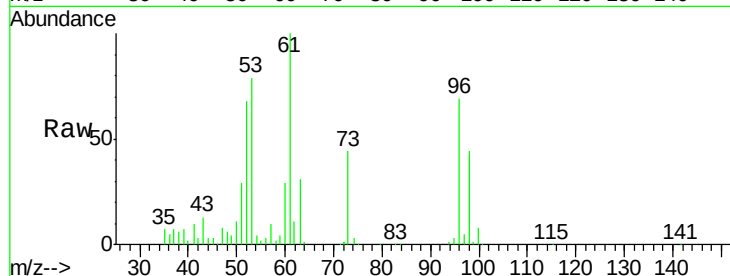
98 64.5 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 10.330 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion: 45 Resp: 133691

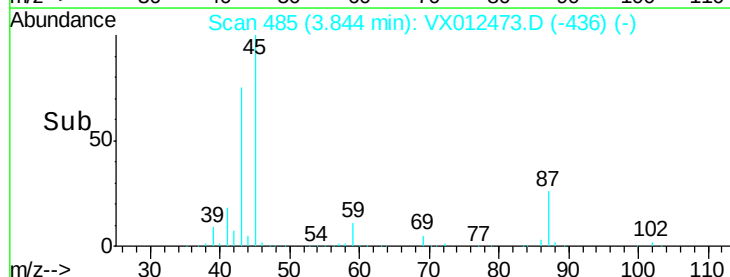
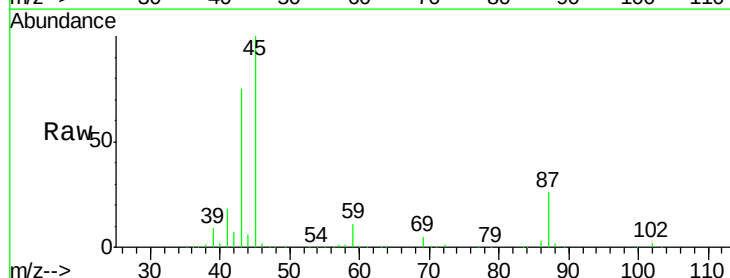
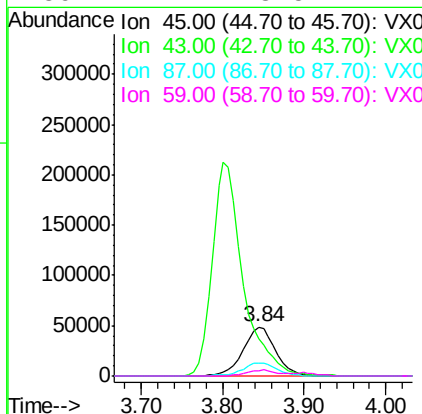
Ion Ratio Lower Upper

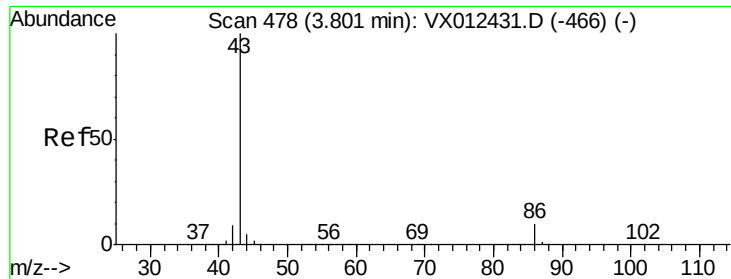
45 100

43 74.2 57.8 86.8

87 26.5 21.3 31.9

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 52.846 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 43 Resp: 562635

Ion Ratio Lower Upper

43 100

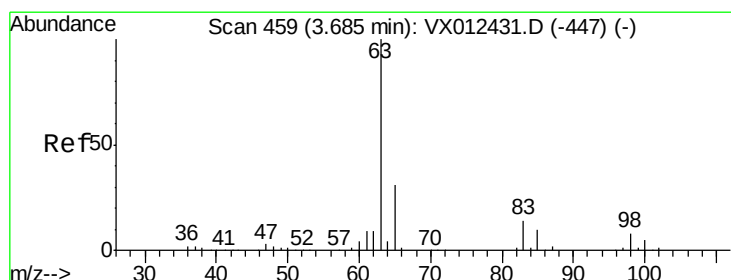
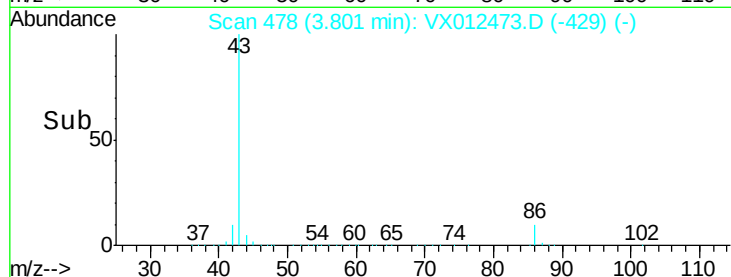
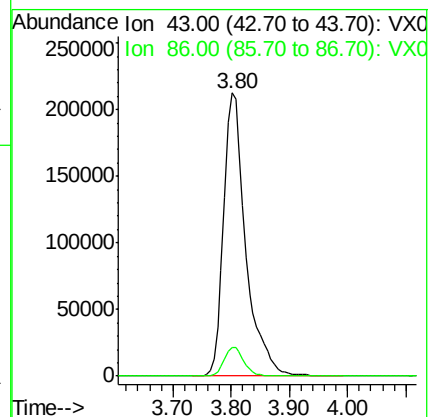
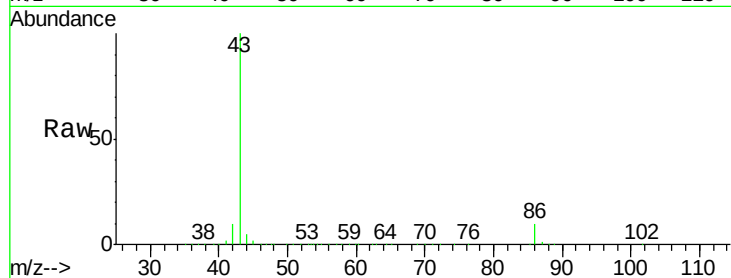
86 10.3 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 10.830 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

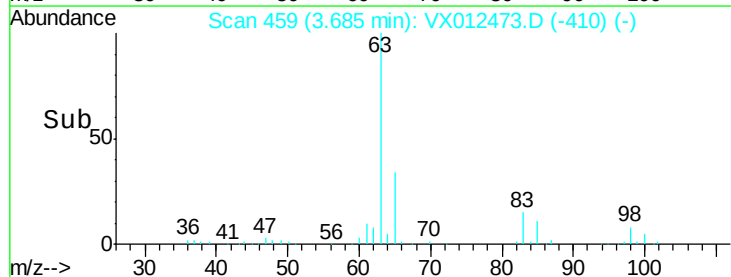
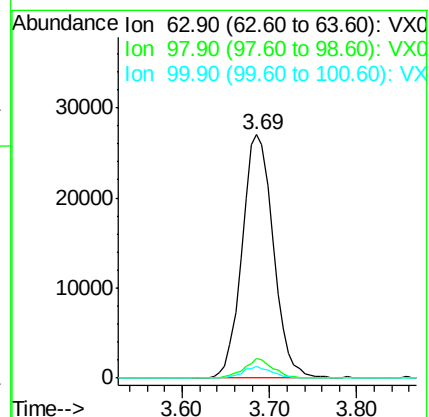
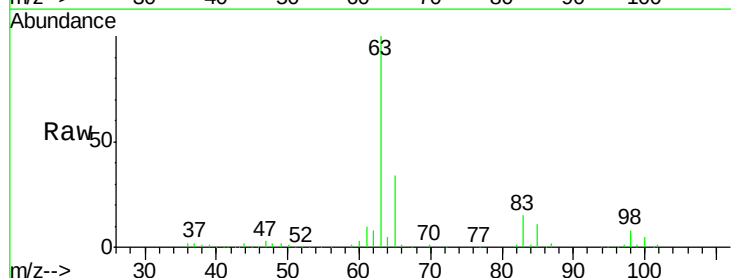
Tgt Ion: 63 Resp: 67067

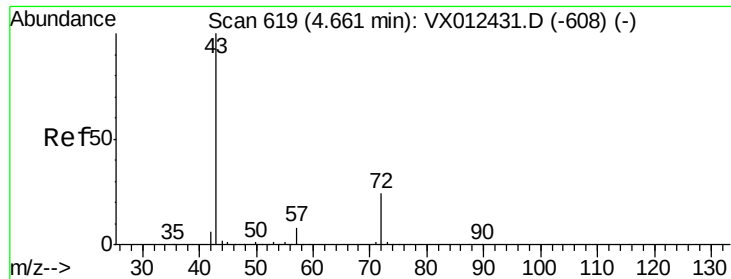
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 48.993 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD01

Tot Ion: 43 Resp: 183939

Ion Ratio Lower Upper

43 100

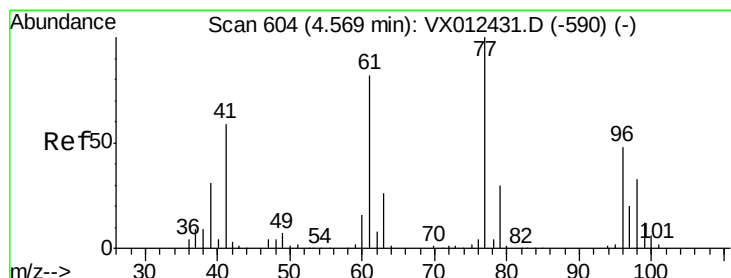
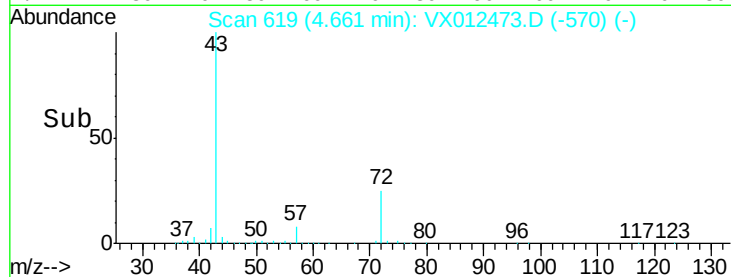
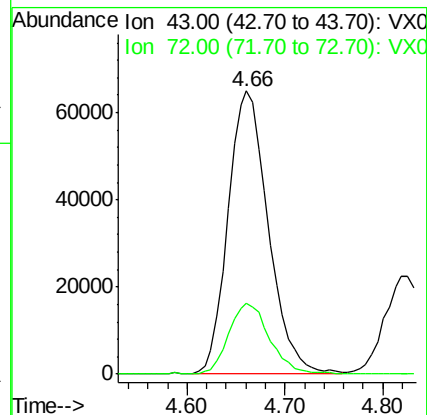
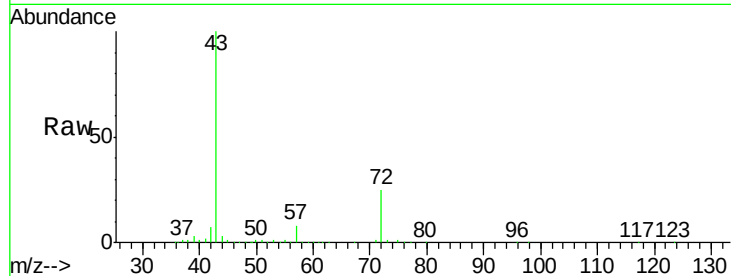
72 24.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.502 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012473.D

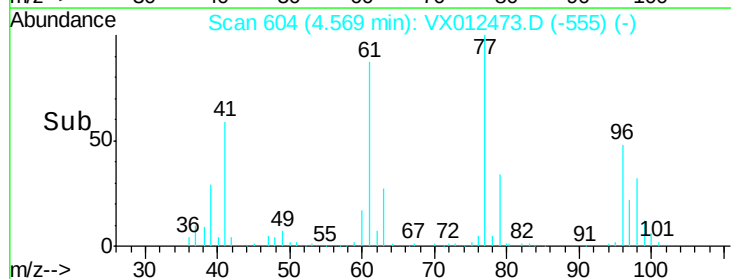
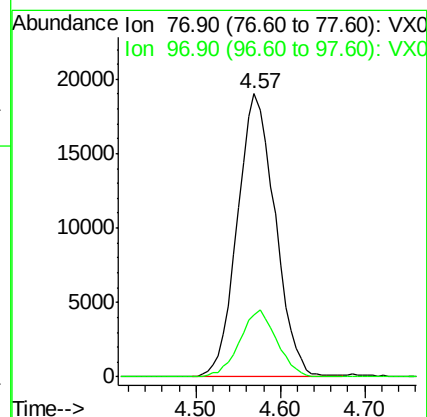
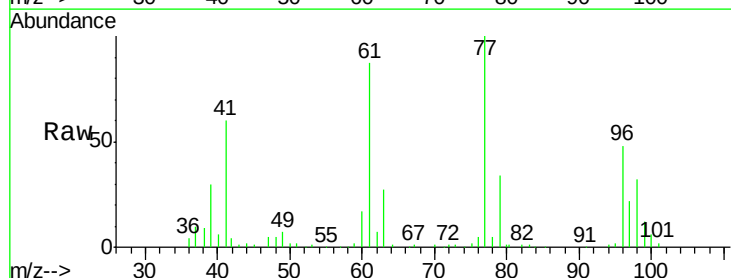
Acq: 18 Sep 2019 15:01

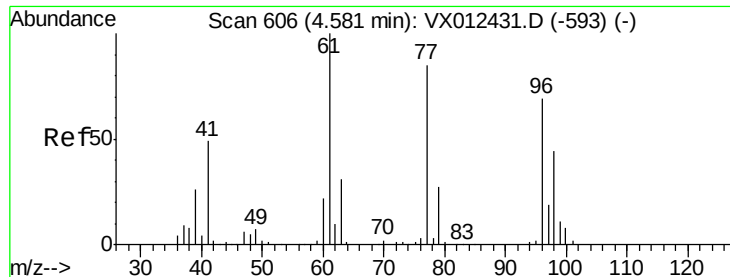
Tgt Ion: 77 Resp: 57871

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.6





#27

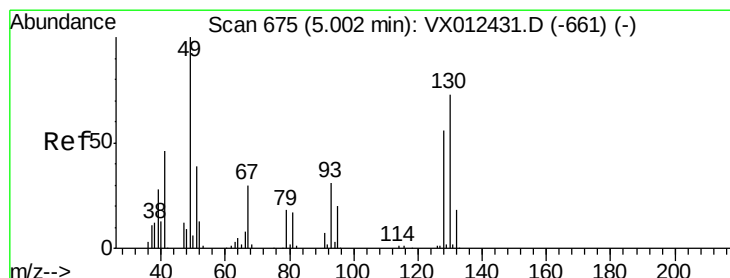
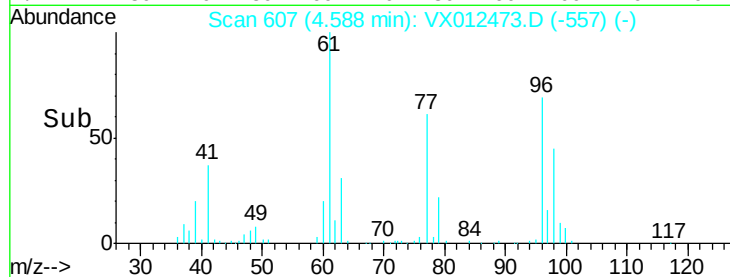
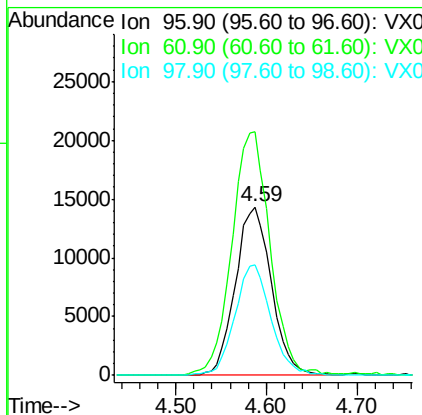
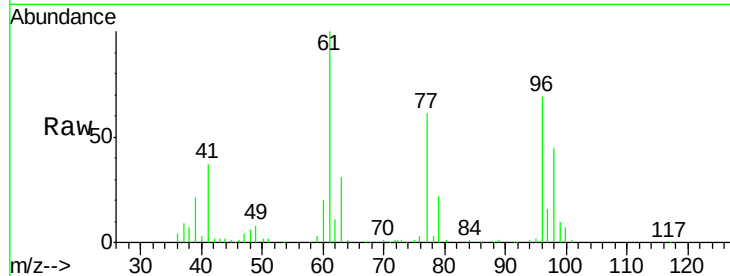
cis-1,2-Dichloroethene
 Concen: 10.720 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	39484		
61	153.4	0.0	319.4	
98	65.4	0.0	130.6	

Manual Integrations
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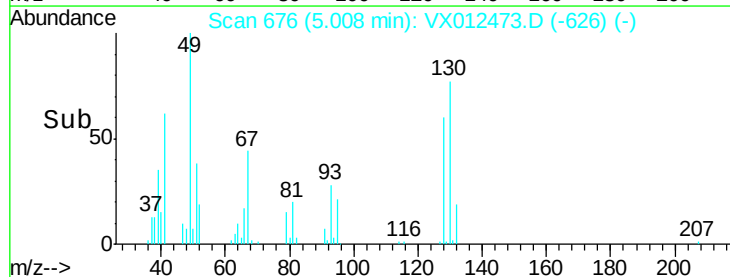
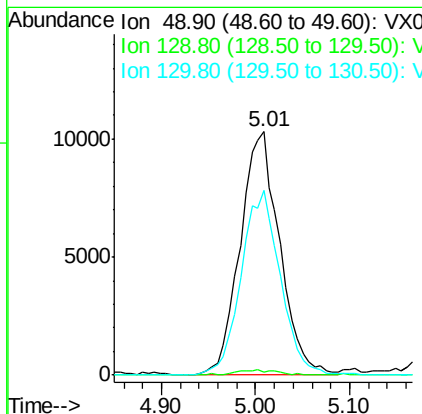
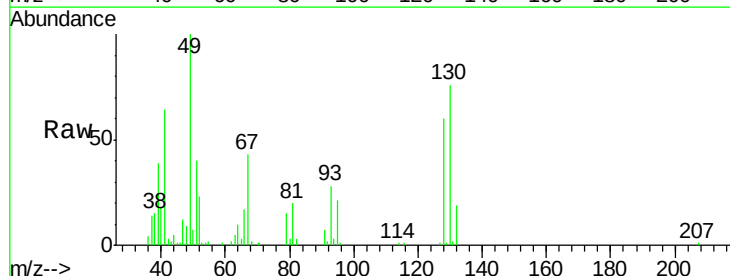
MMDadoda
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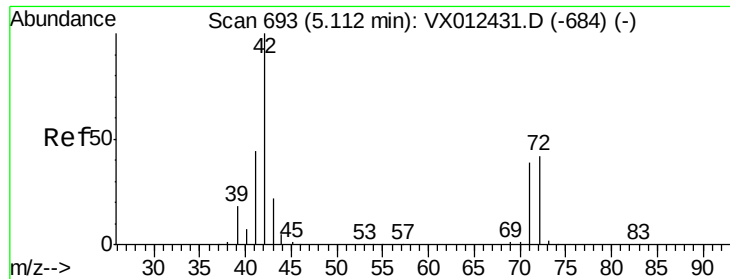


#28

Bromochloromethane
 Concen: 9.492 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30302		
129	2.1	0.0	3.8	
130	74.9	58.2	87.4	





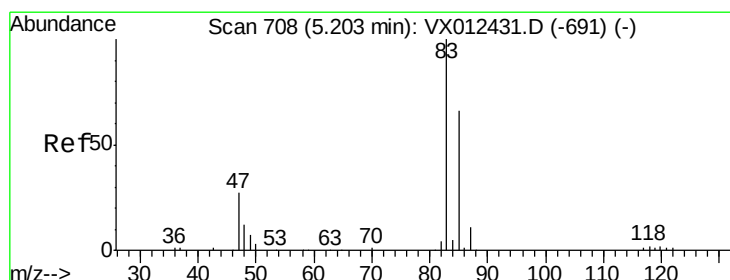
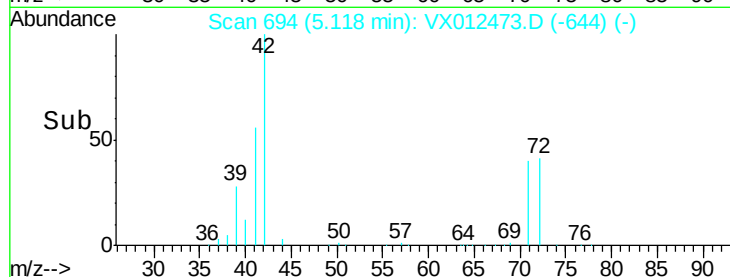
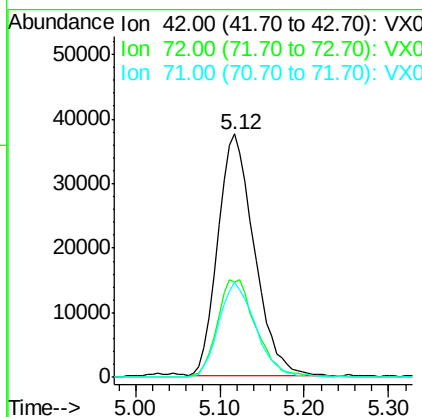
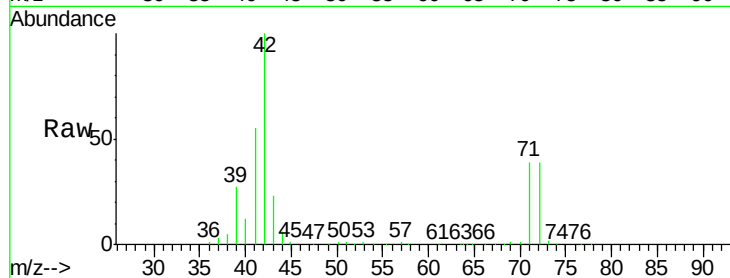
#29
Tetrahydrofuran
Concen: 53.712 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.0	51.0
71	39.5	31.5	47.3

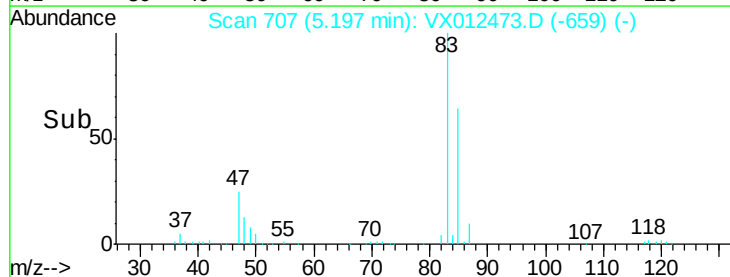
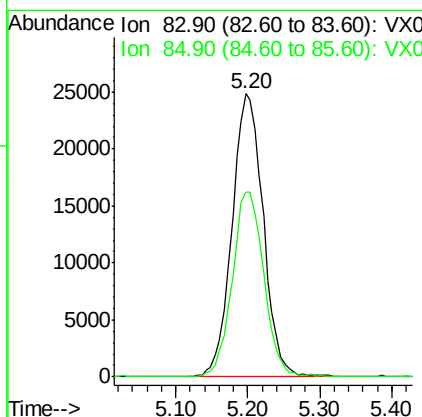
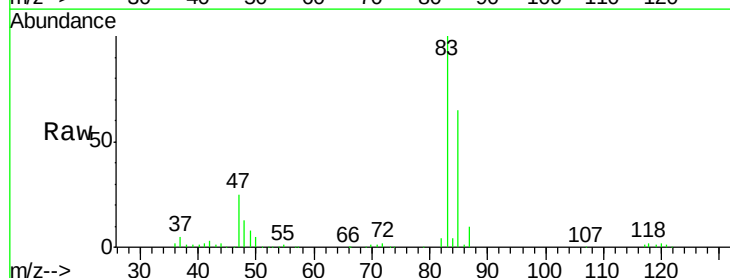
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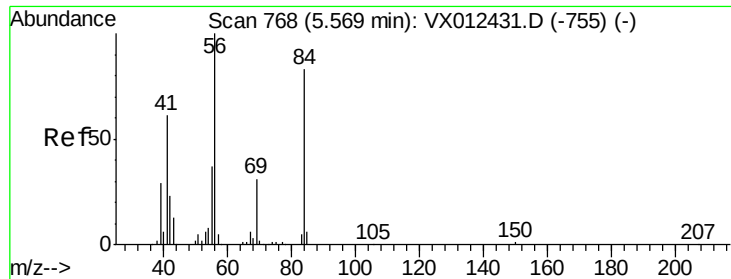
MMDadoda
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#30
Chloroform
Concen: 10.496 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.0	79.4





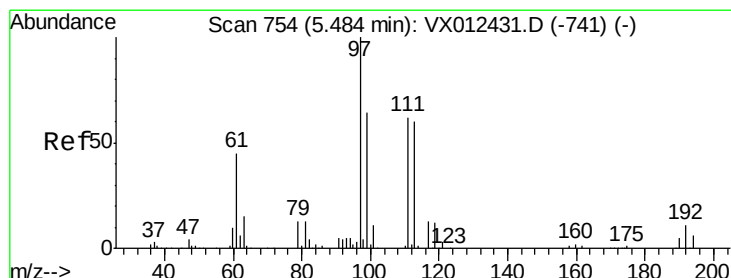
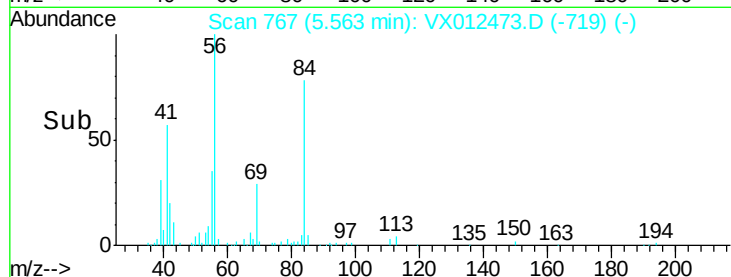
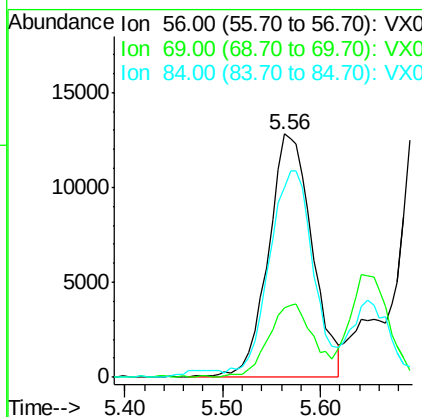
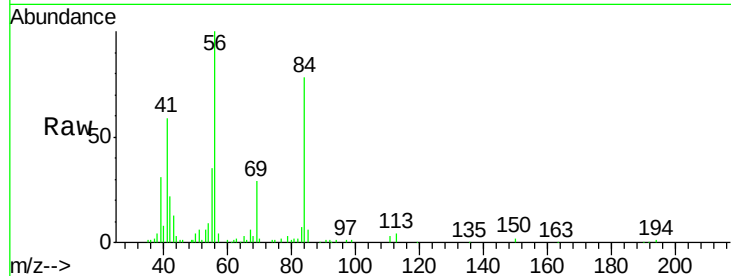
#31
Cyclohexane
Concen: 10.688 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.0	37.6
84	74.5	66.4	99.6

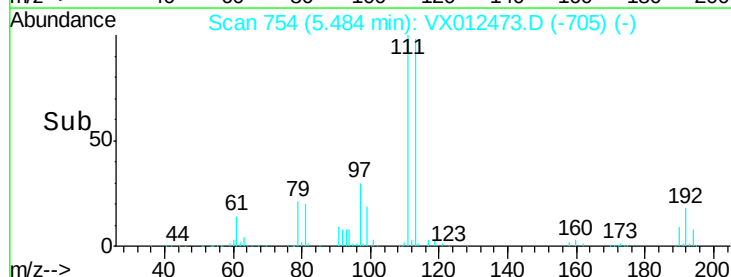
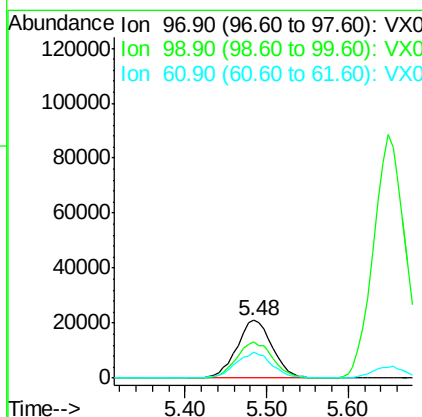
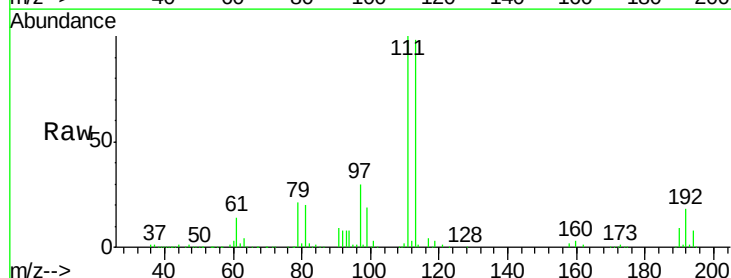
Manual Integrations
APPROVED

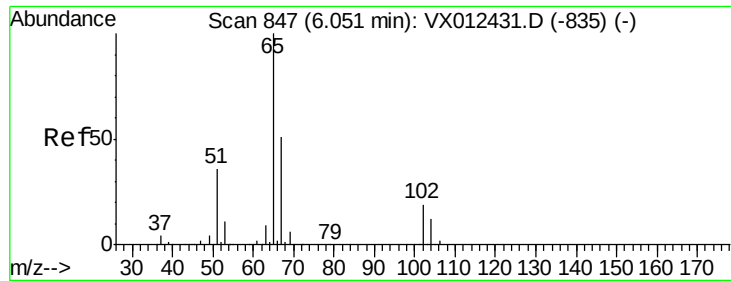
MMDadoda
9/19/2019 1:04:29 PM



#32
1,1,1-Trichloroethane
Concen: 10.612 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.5	36.1	54.1





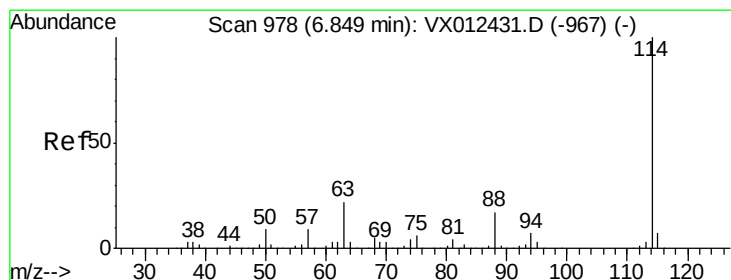
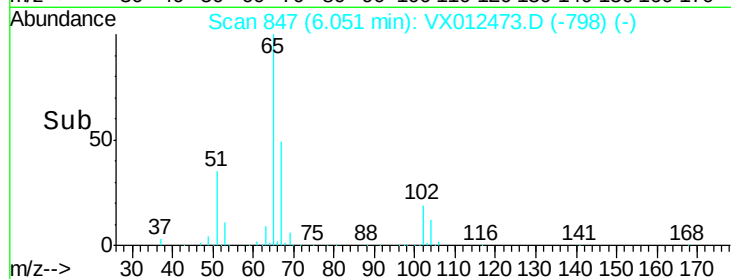
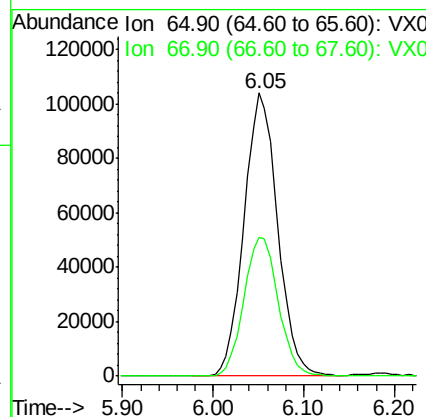
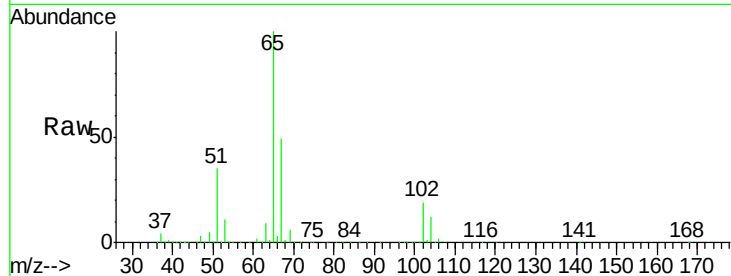
#33
 1,2-Dichloroethane-d4
 Concen: 49.235 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	266480		
67	50.4	0.0	101.2	

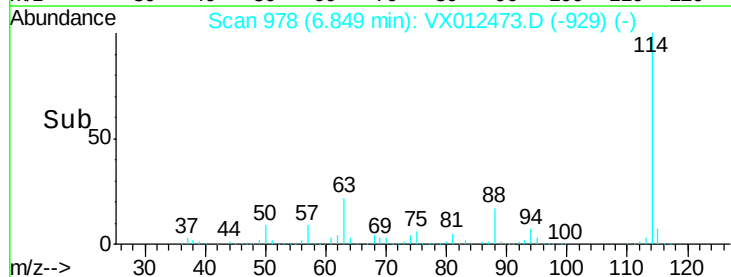
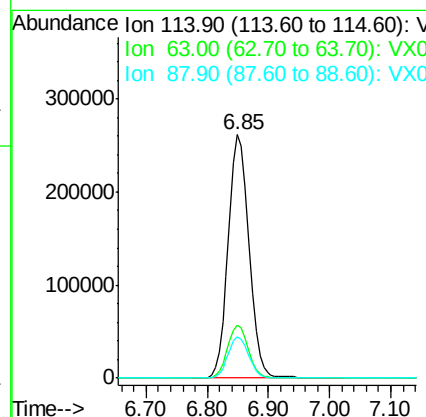
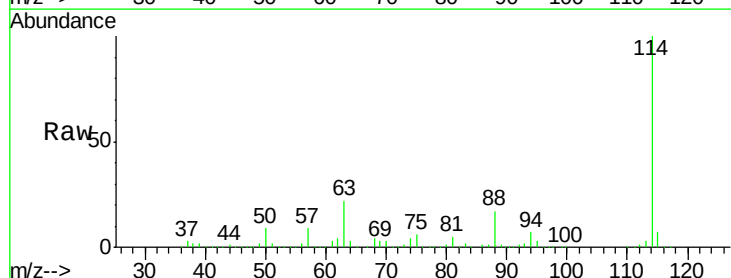
Manual Integrations
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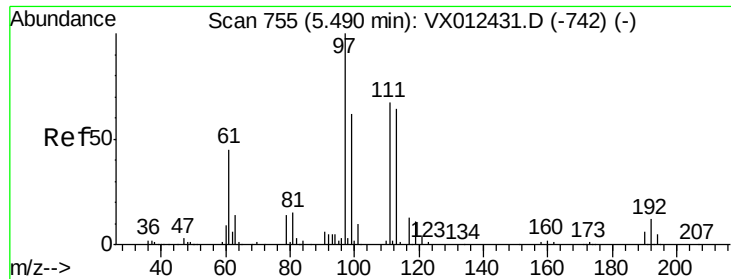
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	616301		
63	21.8	0.0	43.2	
88	16.8	0.0	33.2	





#35

Dibromofluoromethane

Concen: 53.082 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

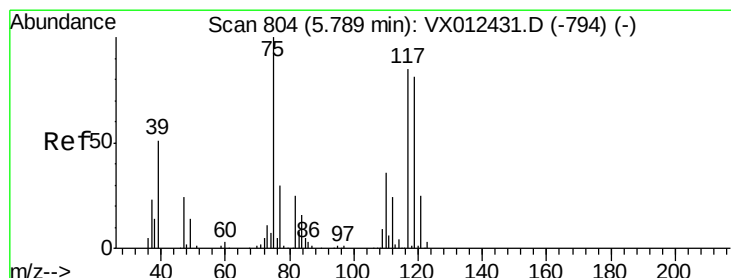
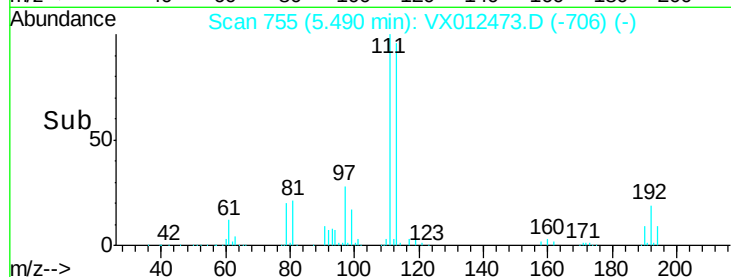
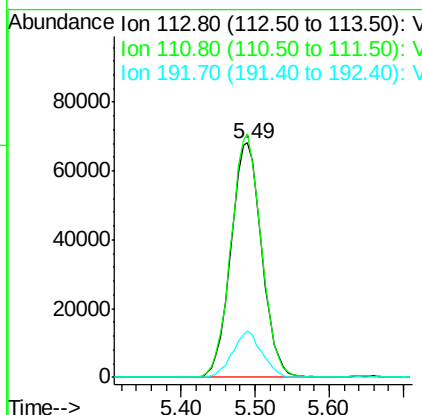
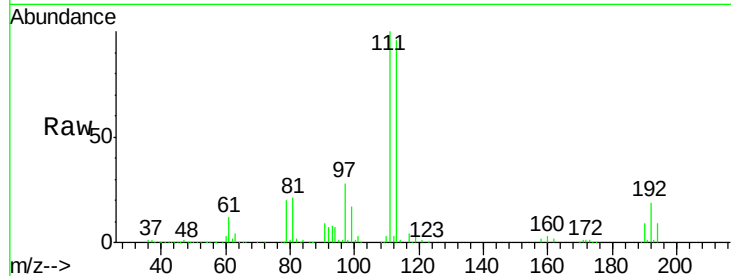
ClientSampleId :

VX0918WBSD01

Tot Ion:	113	Resp:	198008
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.4	125.2
192	18.8	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 10.774 ug/l

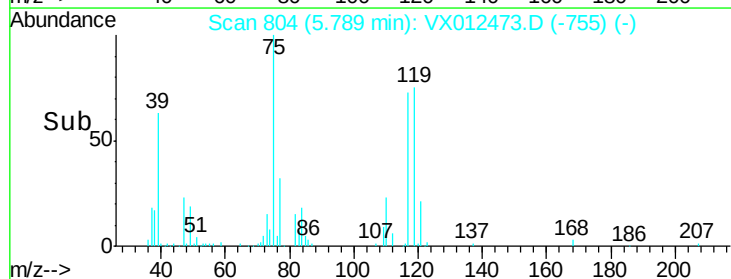
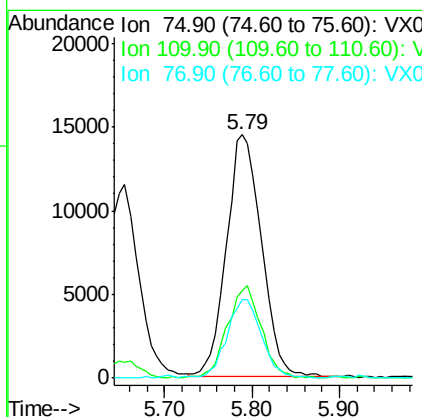
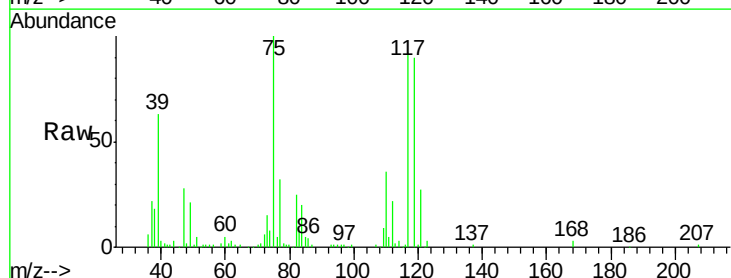
RT: 5.79 min Scan# 804

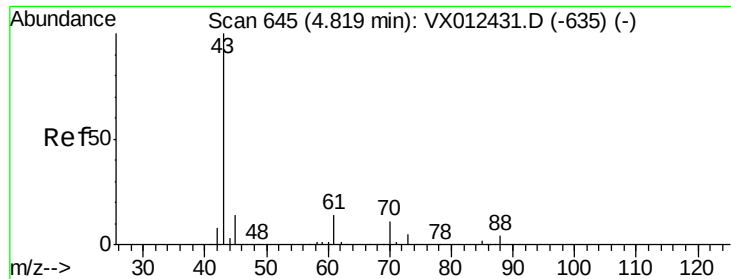
Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	75	Resp:	40354
Ion Ratio	Lower	Upper	
75	100		
110	37.0	16.7	50.0
77	32.1	24.2	36.2





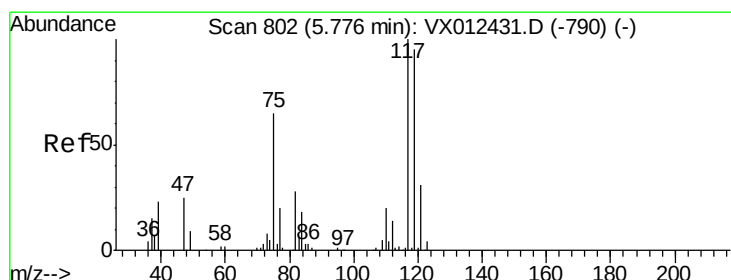
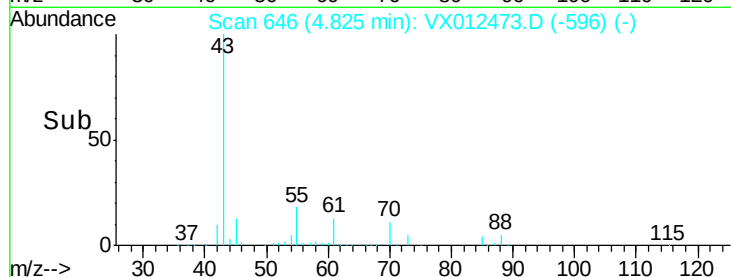
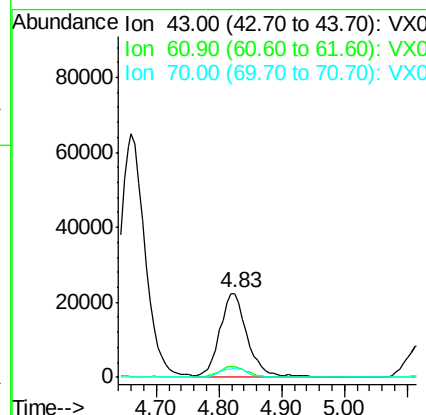
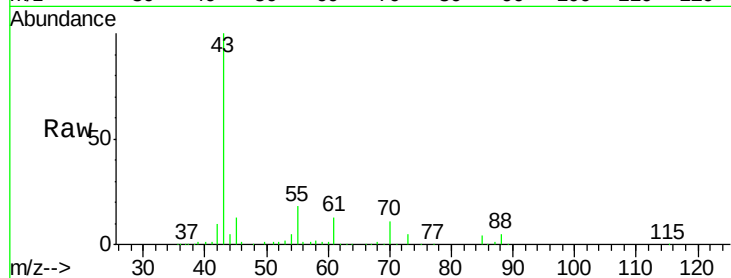
#37
Ethyl Acetate
Concen: 11.638 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	11.6	8.7	13.1

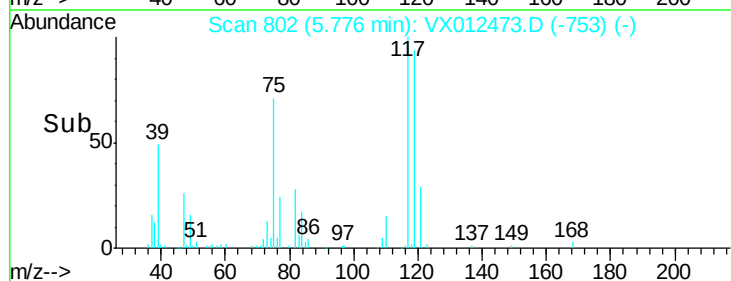
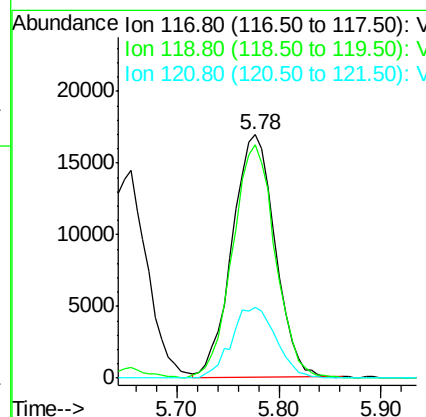
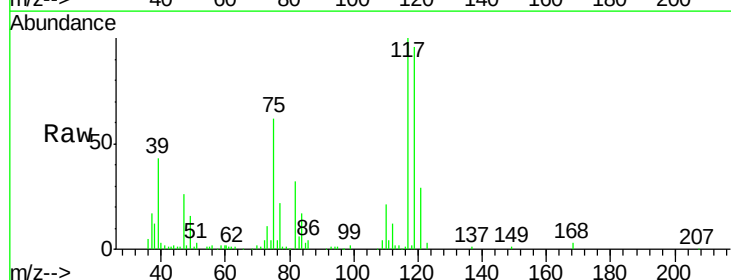
Manual Integrations
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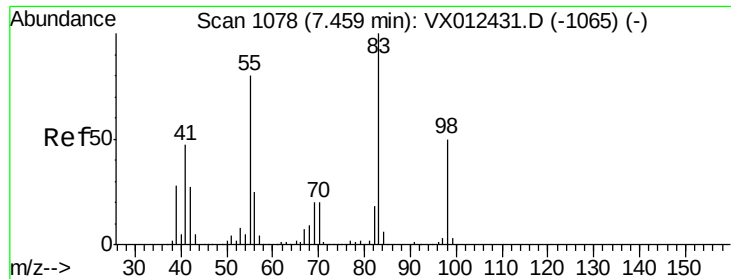
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#38
Carbon Tetrachloride
Concen: 10.636 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.7	113.5
121	29.4	24.2	36.4





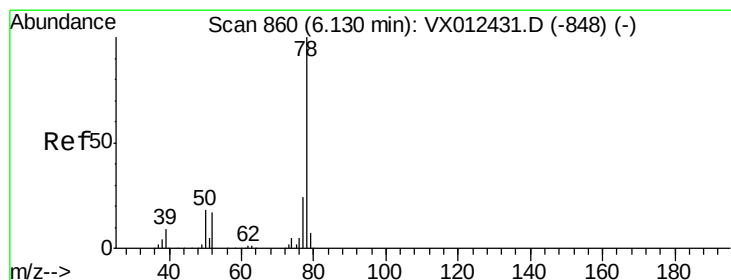
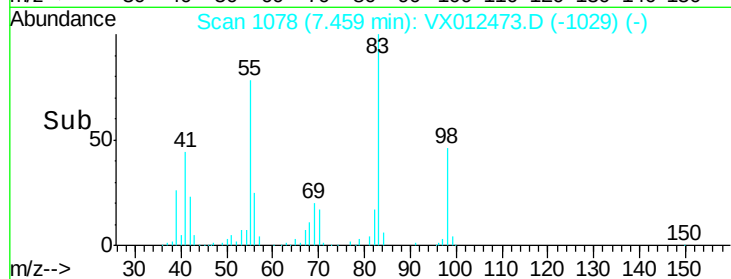
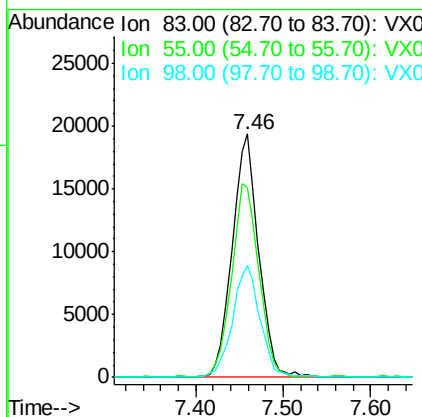
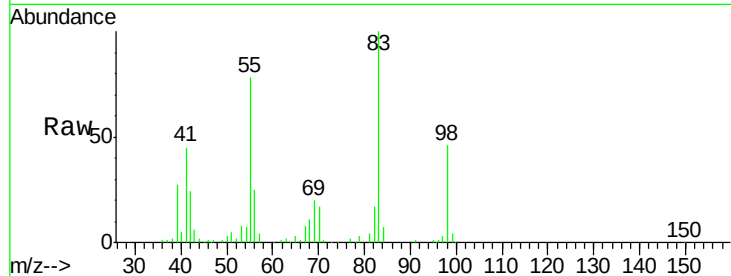
#39
Methylvlcyclohexane
Concen: 11.198 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	83	Resp	40776
Ion Ratio	100	Lower	Upper
83	100		
55	77.4	64.4	96.6
98	46.0	40.1	60.1

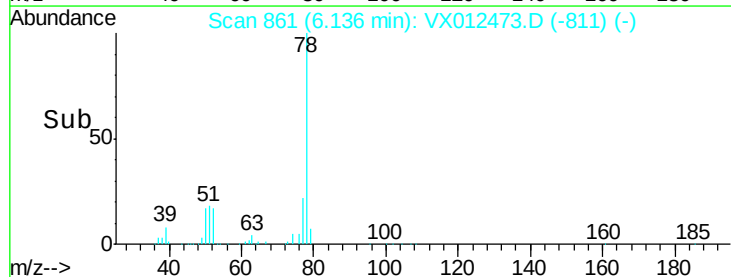
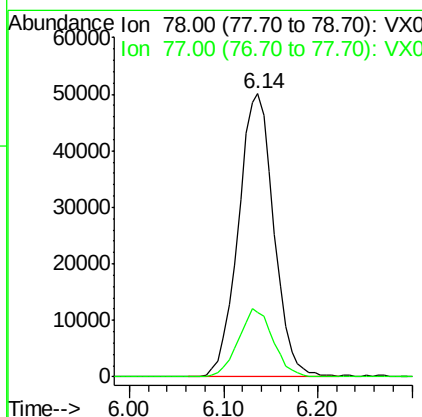
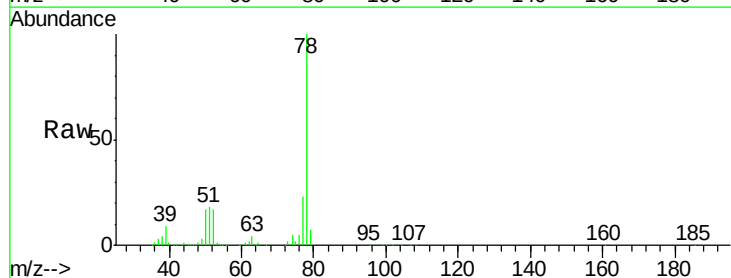
Manual Integrations
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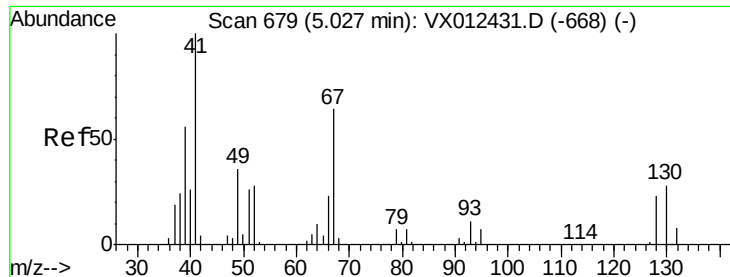
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#40
Benzene
Concen: 11.079 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	78	Resp	131959
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	19.2	28.8





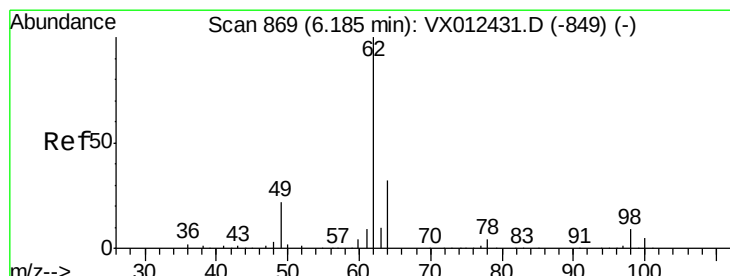
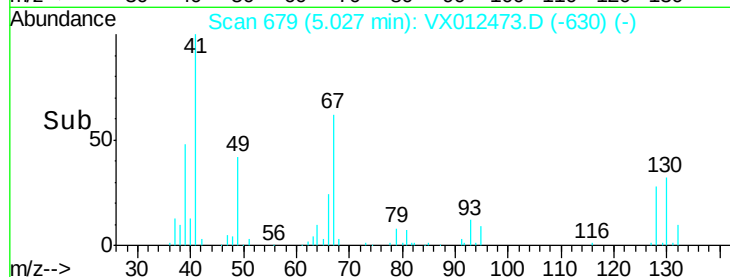
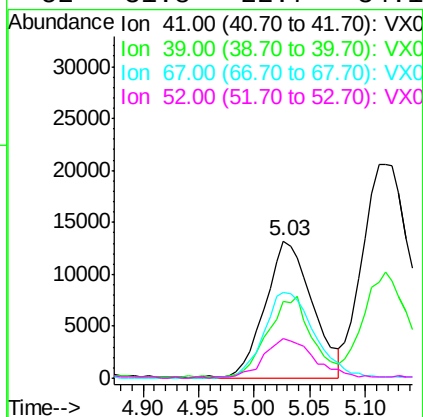
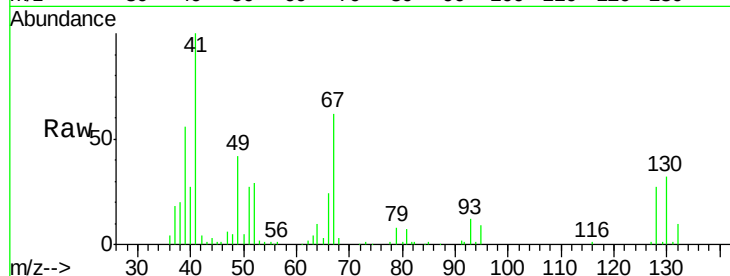
#41
Methacrylonitrile
Concen: 10.448 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38681		
39	55.5	46.0	69.0		
67	67.6	52.2	78.2		
52	31.8	22.7	34.1		

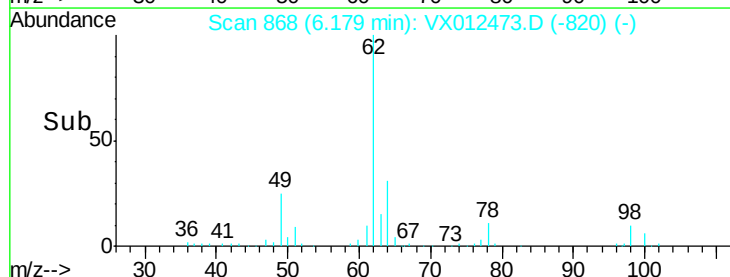
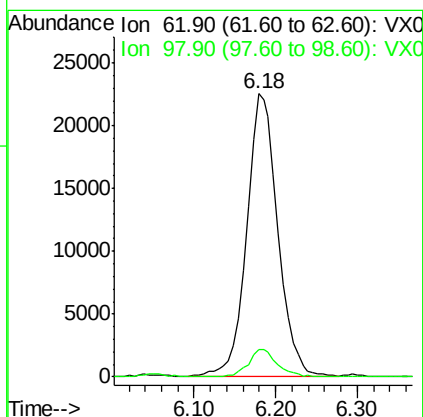
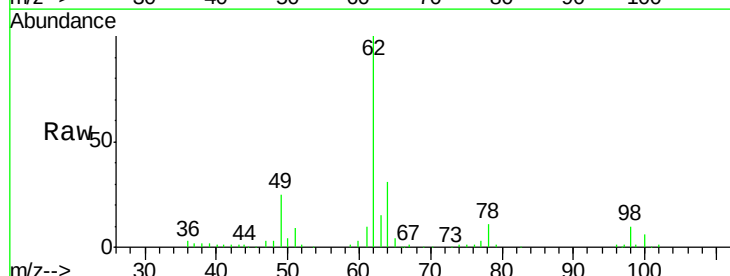
Manual Integrations
APPROVED

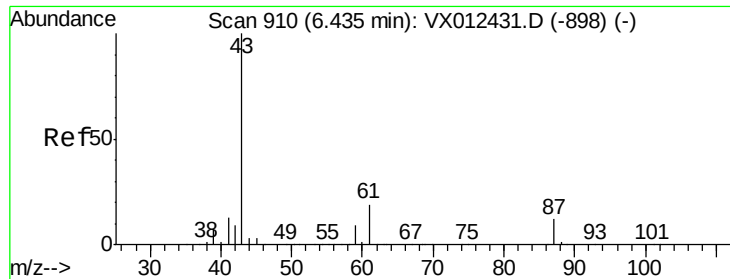
MMDadoda
9/19/2019 1:04:29 PM



#42
1,2-Dichloroethane
Concen: 10.875 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		60075		
98	9.1	0.0	17.8		





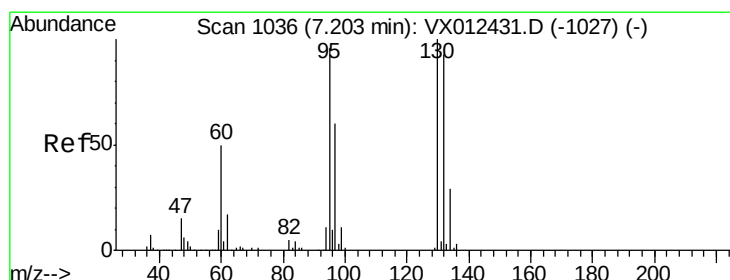
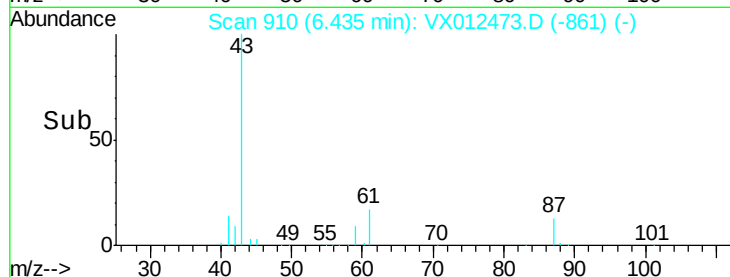
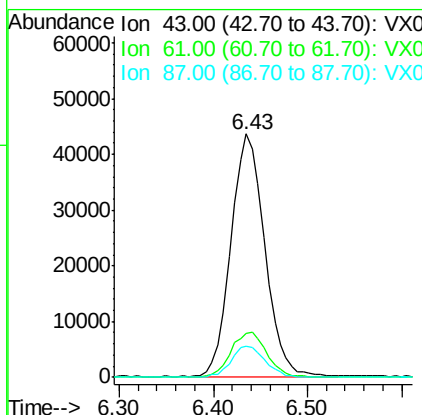
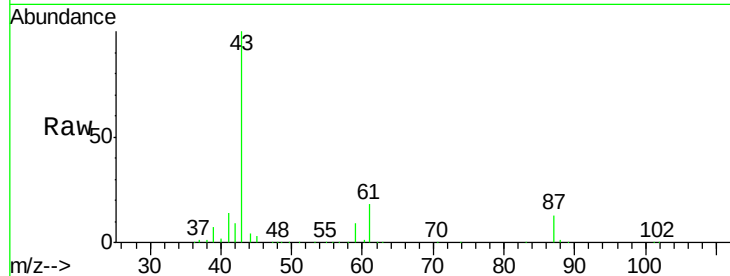
#43
Isopropyl Acetate
Concen: 10.552 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.0	9.8	14.8

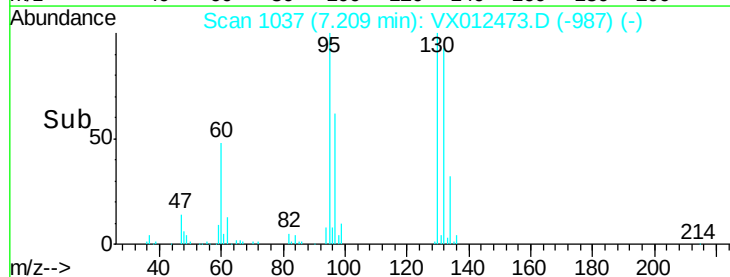
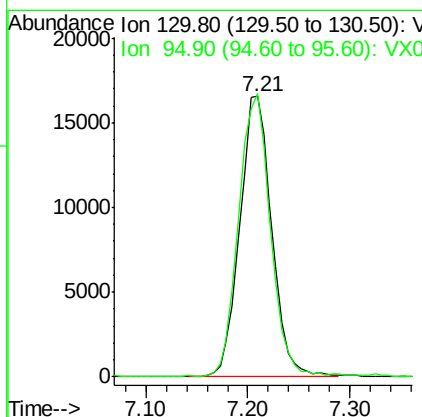
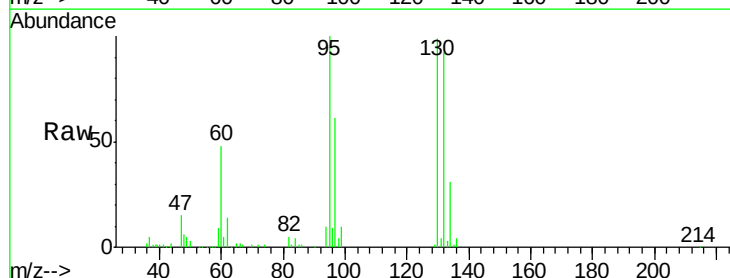
Manual Integrations
APPROVED

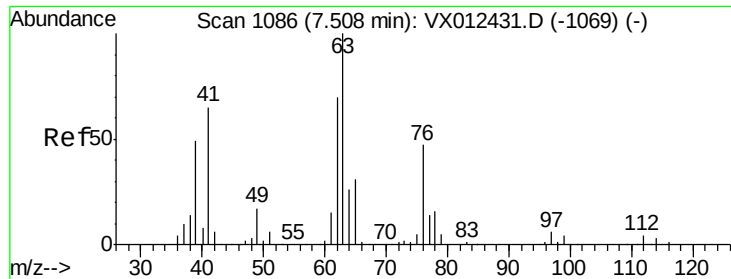
MMDadoda
9/19/2019 1:04:29 PM



#44
Trichloroethene
Concen: 11.517 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	193.0





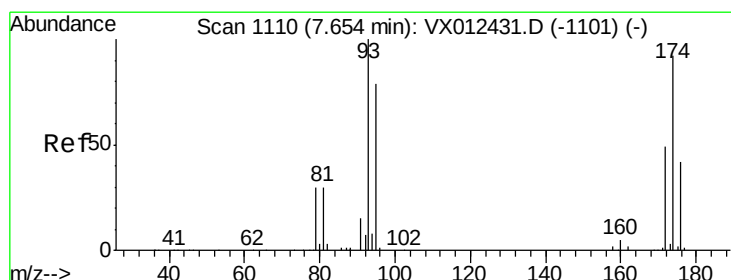
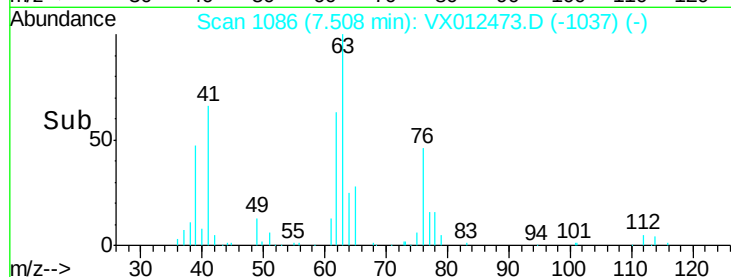
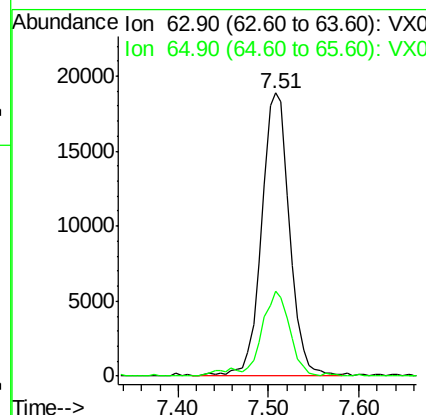
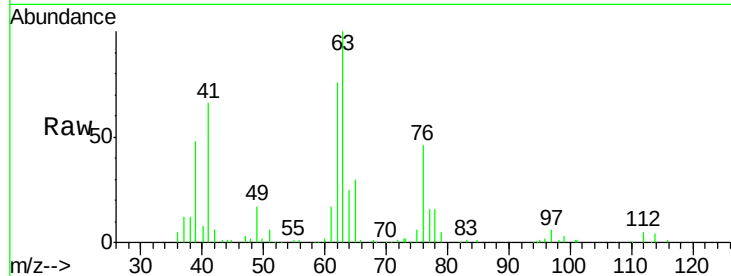
#45
 1,2-Dichloropropane
 Concen: 10.826 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion: 63 Resp: 39614
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

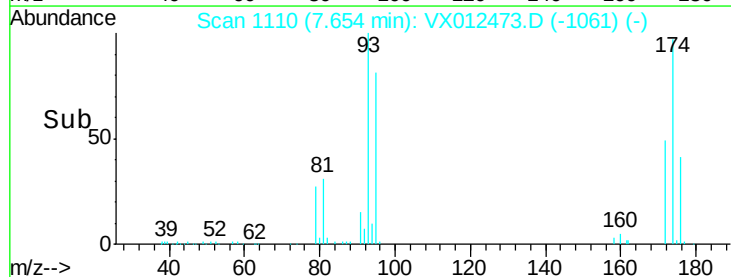
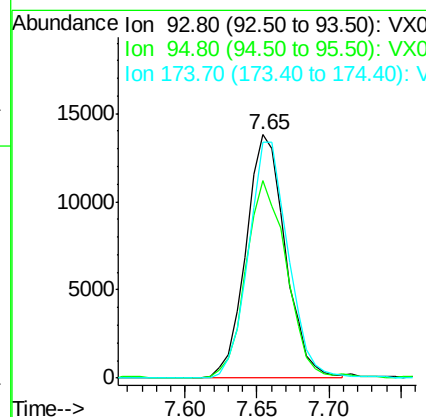
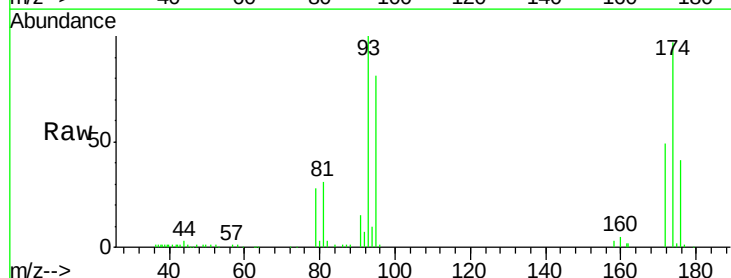
Manual Integrations
 APPROVED

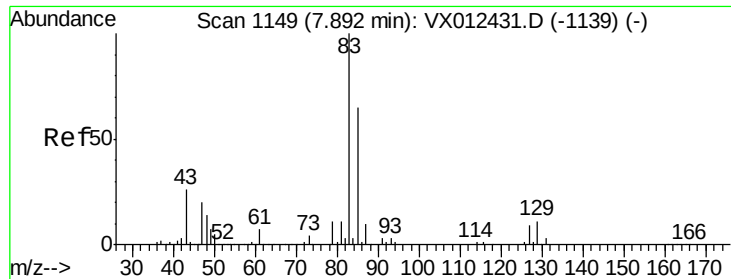
MMDadoda
 9/19/2019 1:04:29 PM



#46
 Dibromomethane
 Concen: 11.034 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion: 93 Resp: 26129
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.6 100.0
 174 98.3 77.4 116.0





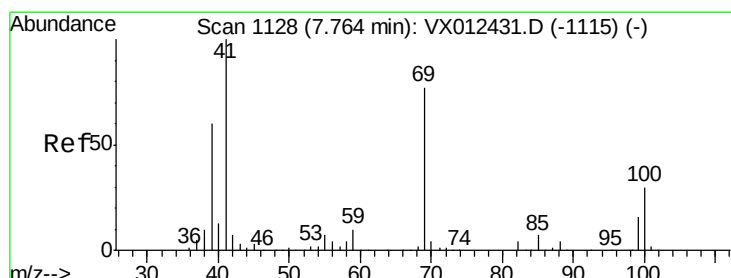
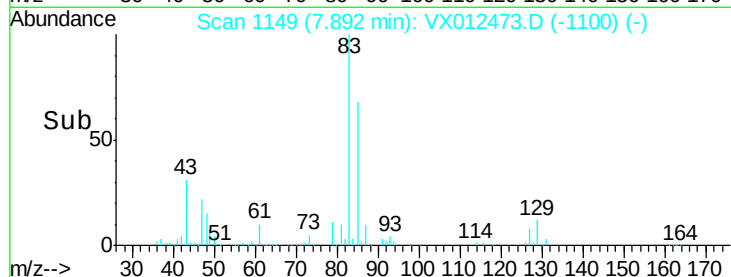
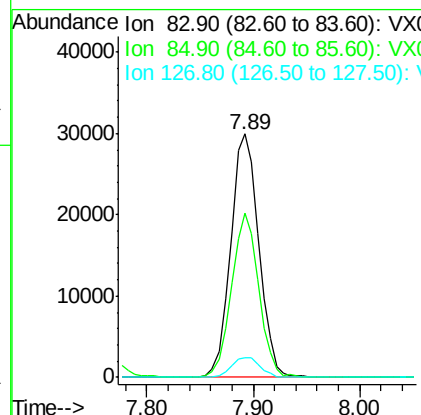
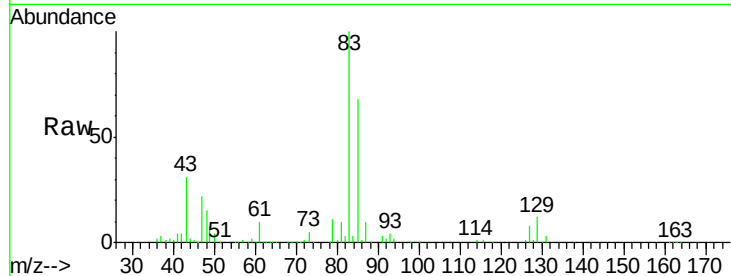
#47
Bromodichloromethane
Concen: 10.532 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	83	Resp	55532
Ion Ratio	100	Lower	Upper
83	100		
85	67.5	51.8	77.6
127	8.3	7.3	10.9

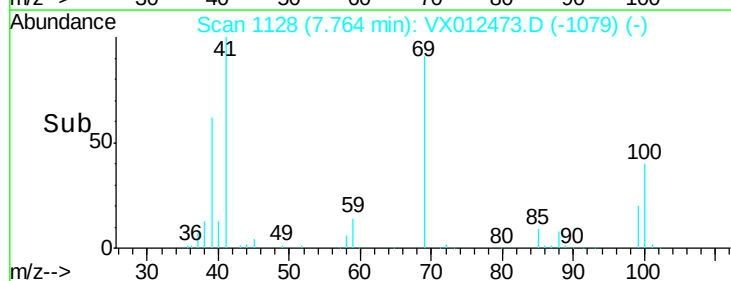
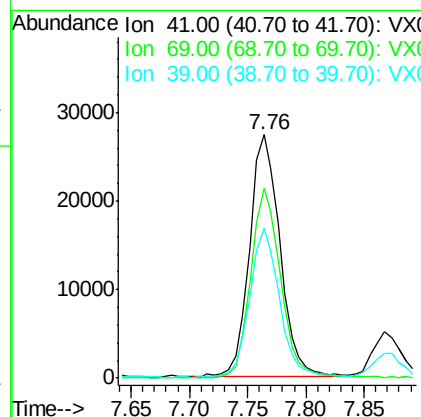
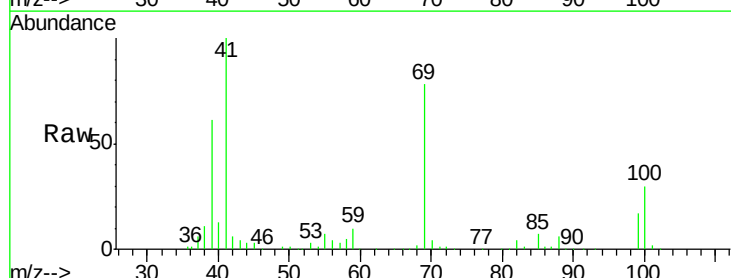
Manual Integrations
APPROVED

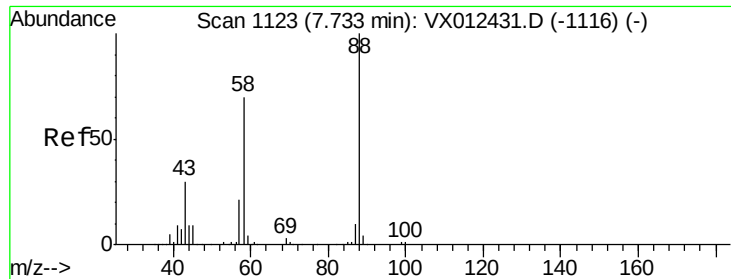
MMDadoda
9/19/2019 1:04:29 PM



#48
Methyl methacrylate
Concen: 10.358 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	41	Resp	50387
Ion Ratio	100	Lower	Upper
41	100		
69	77.3	59.9	89.9
39	59.8	47.8	71.6





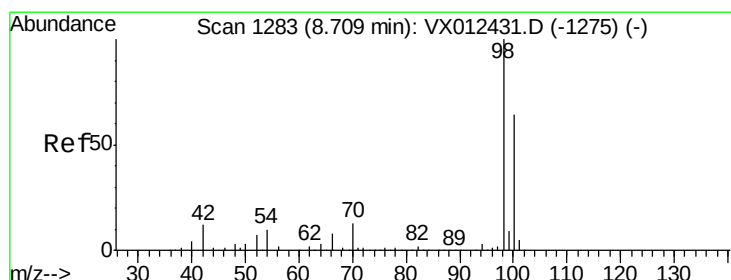
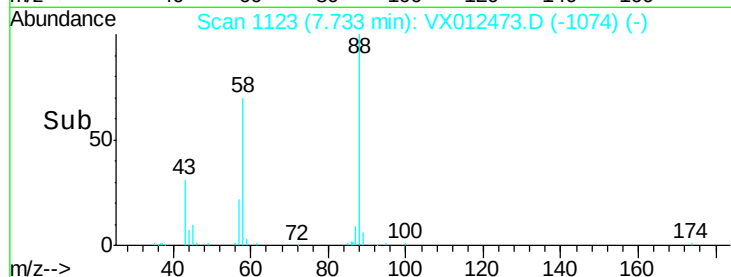
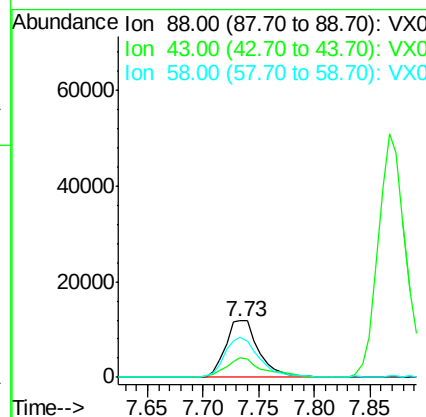
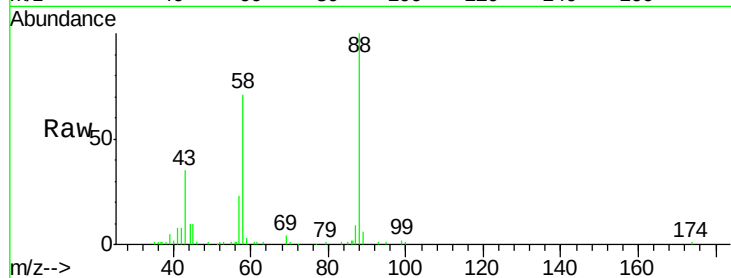
#49
1,4-Dioxane
Concen: 209.054 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	24750		
43	35.7	29.4	44.0	
58	71.8	57.5	86.3	

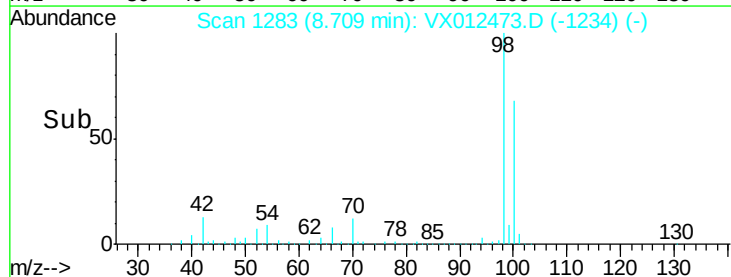
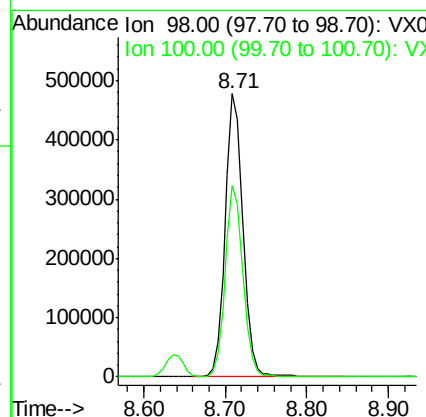
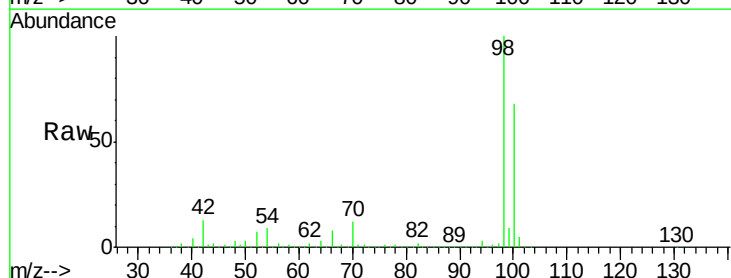
Manual Integrations
APPROVED

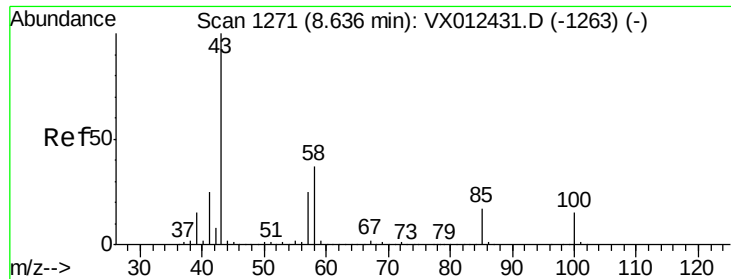
MMDadoda
9/19/2019 1:04:29 PM



#50
Toluene-d8
Concen: 52.711 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	727794		
100	67.6	53.4	80.2	





#51

4-Methyl-2-Pentanone

Concen: 53.845 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleID :

VX0918WBSD01

Tot Ion: 43 Resp: 364386

Ion Ratio Lower Upper

43 100

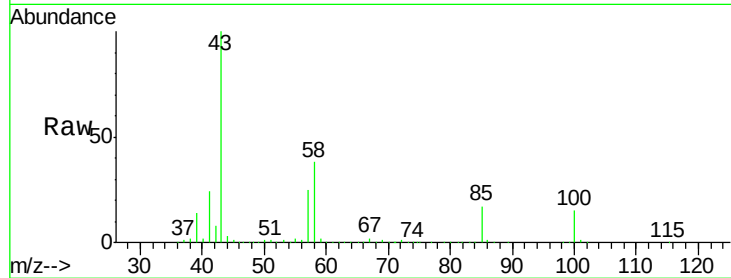
58 38.1 29.8 44.6

Manual Integrations

APPROVED

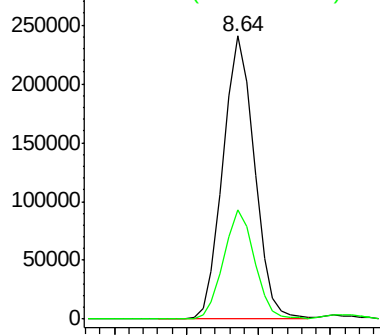
MMDadoda

9/19/2019 1:04:29 PM

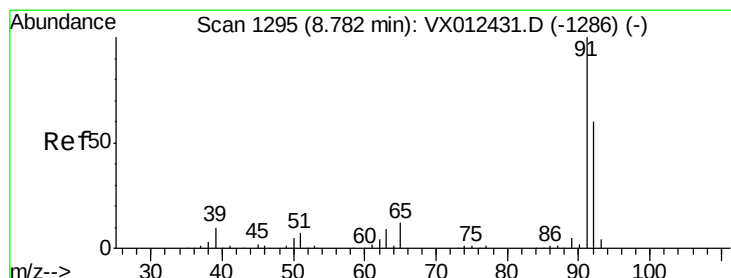
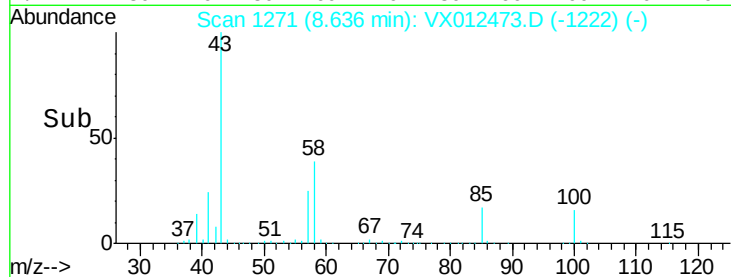


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 11.258 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012473.D

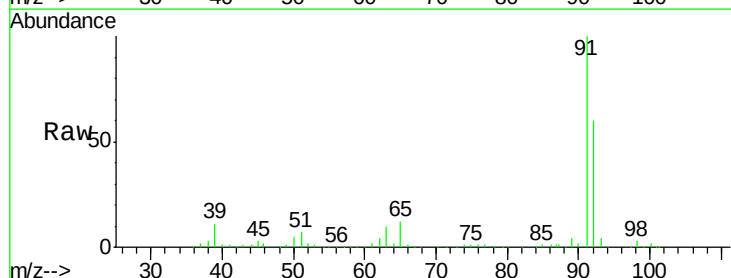
Acq: 18 Sep 2019 15:01

Tgt Ion: 92 Resp: 86408

Ion Ratio Lower Upper

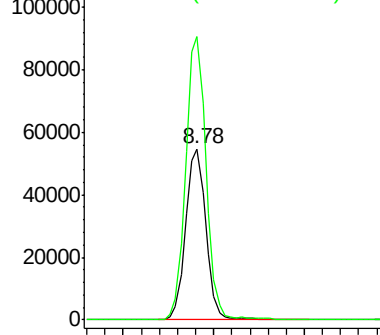
92 100

91 165.8 135.4 203.0

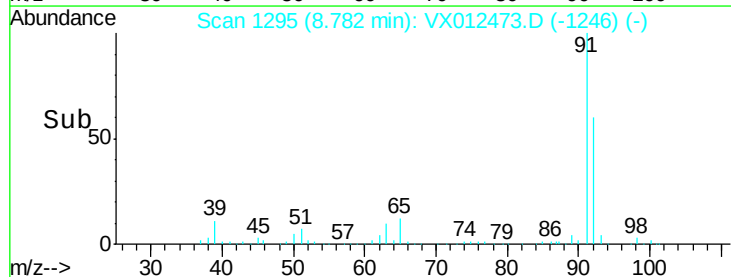


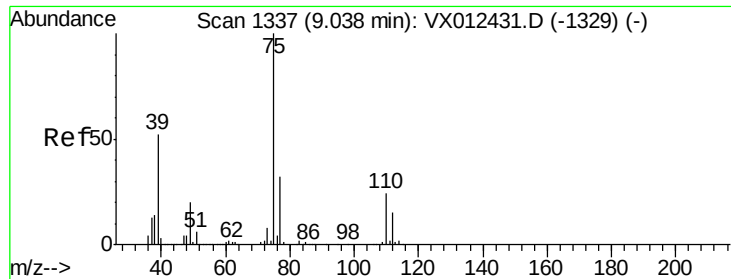
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 10.301 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 75 Resp: 56456

Ion Ratio Lower Upper

75 100

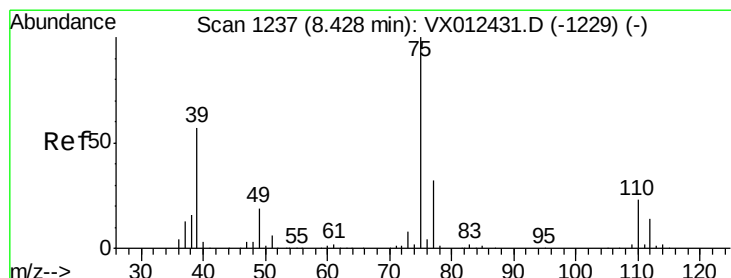
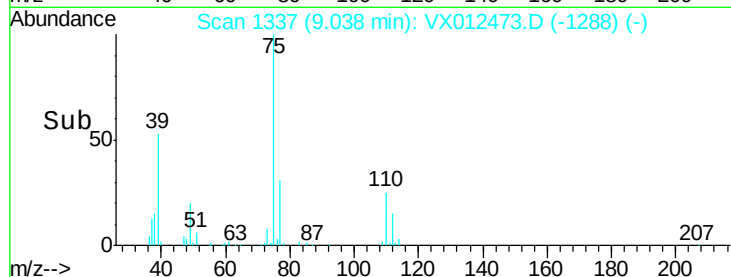
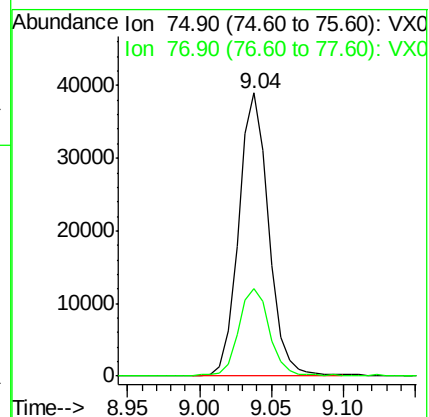
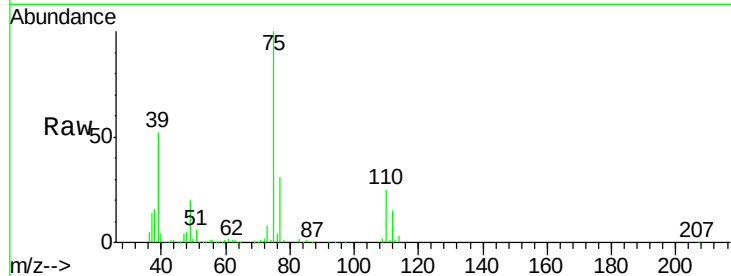
77 30.8 25.2 37.8

Manual Integrations

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MMDadoda

9/19/2019 1:04:29 PM



#54

cis-1,3-Dichloropropene

Concen: 10.585 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

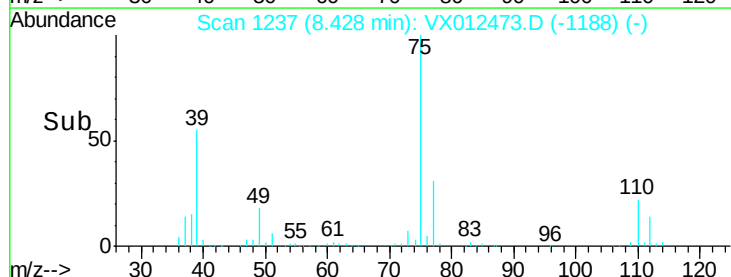
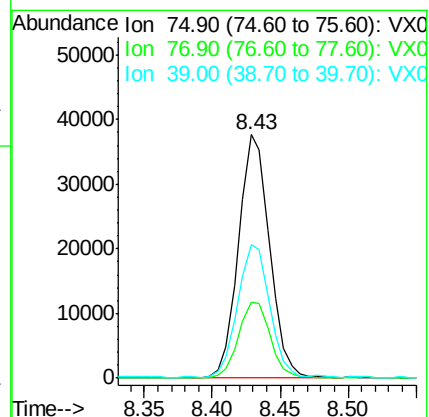
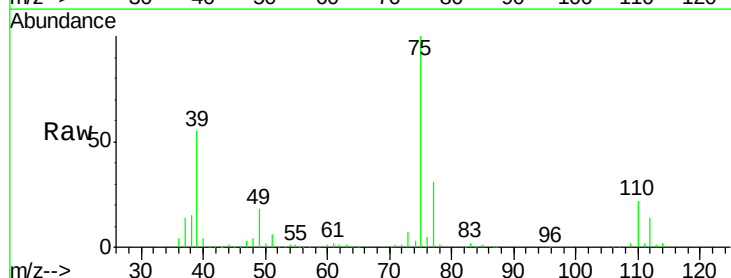
Tgt Ion: 75 Resp: 60064

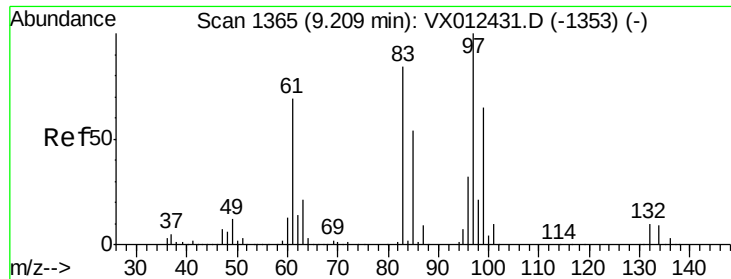
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

39 54.6 45.5 68.3





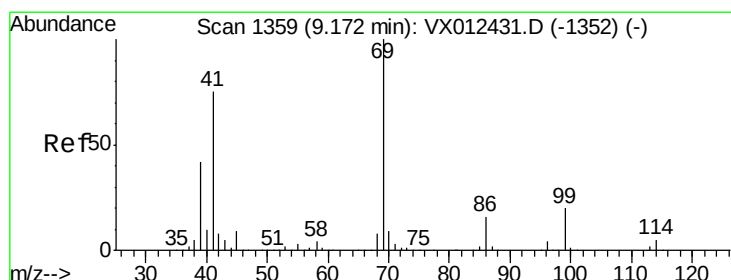
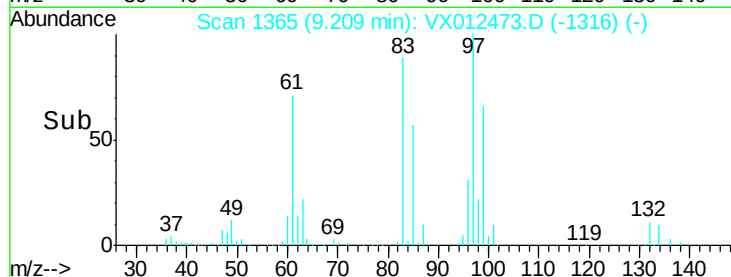
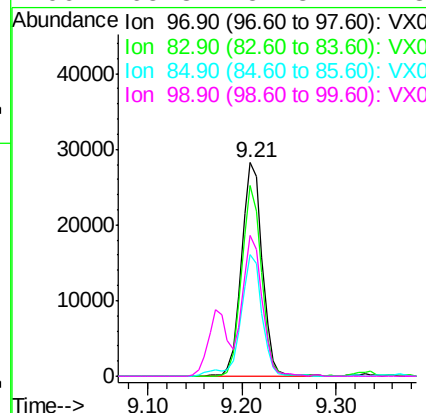
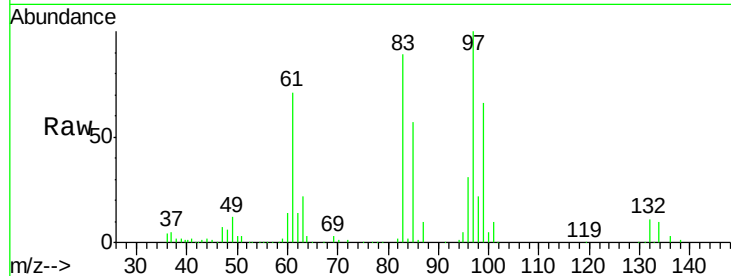
#55
 1,1,2-Trichloroethane
 Concen: 10.958 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion:	97	Resp:	43330
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.4	101.2
85	57.1	43.5	65.3
99	65.8	51.8	77.8

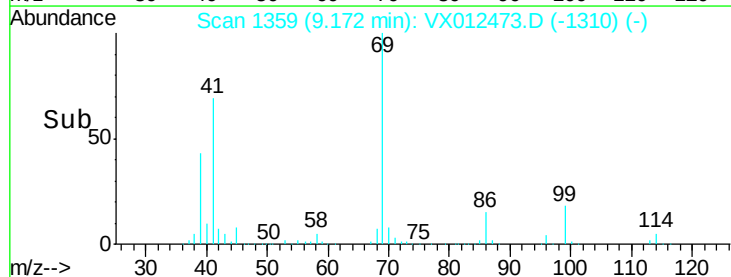
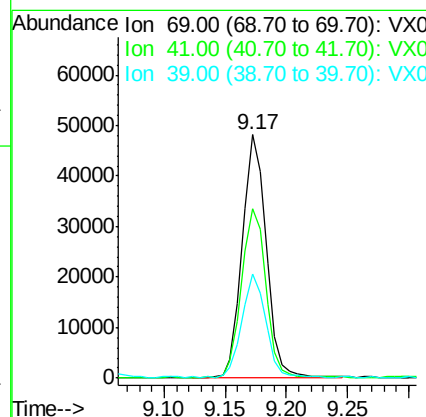
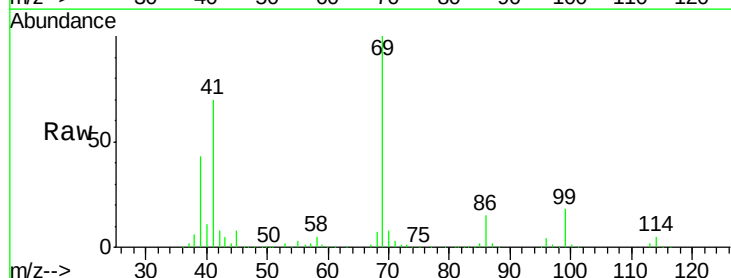
Manual Integrations
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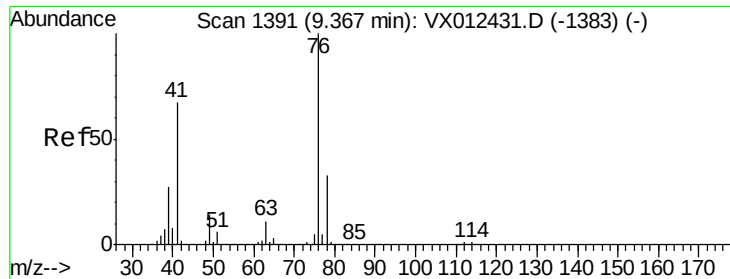
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 9/19/2019 1:04:29 PM



#56
 Ethyl methacrylate
 Concen: 10.639 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion:	69	Resp:	65774
Ion	Ratio	Lower	Upper
69	100		
41	69.8	58.4	87.6
39	42.1	33.4	50.0





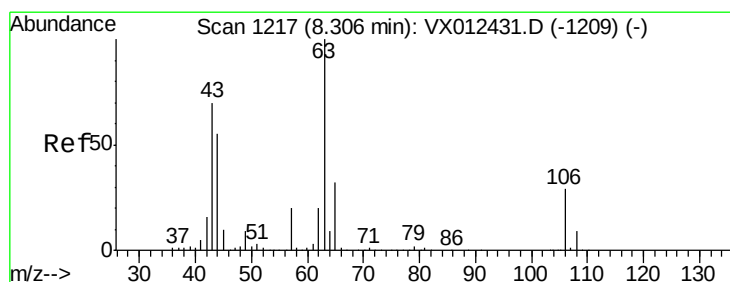
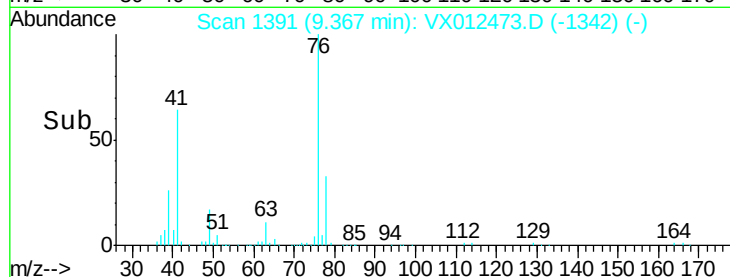
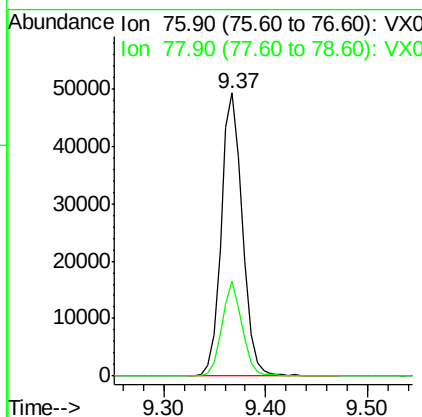
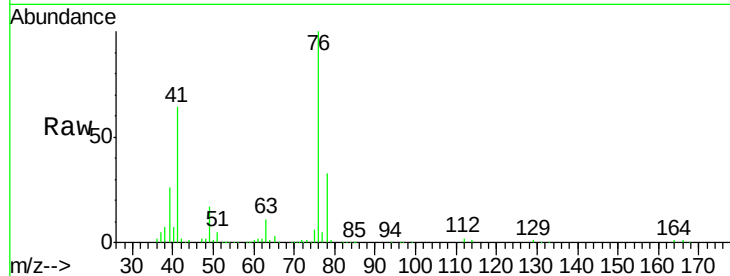
#57
 1,3-Dichloropropane
 Concen: 11.284 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion: 76 Resp: 71191
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2

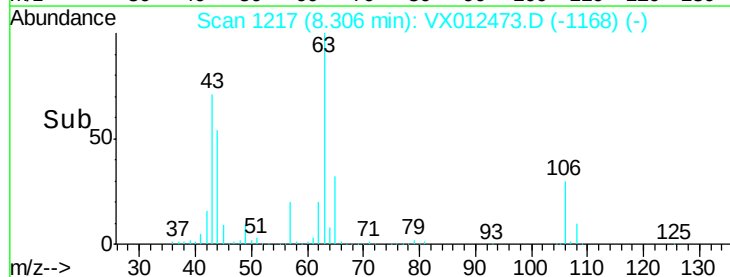
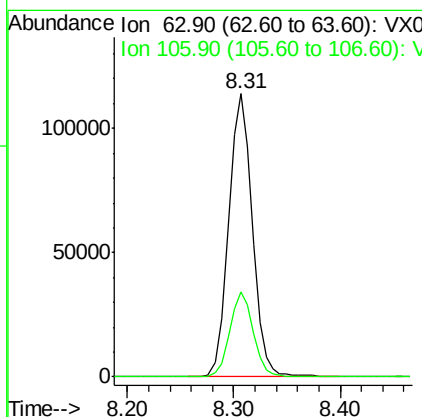
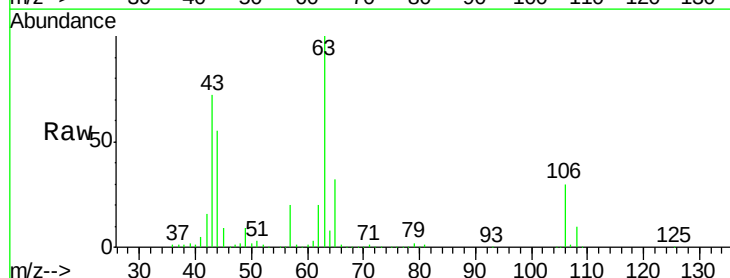
Manual Integrations
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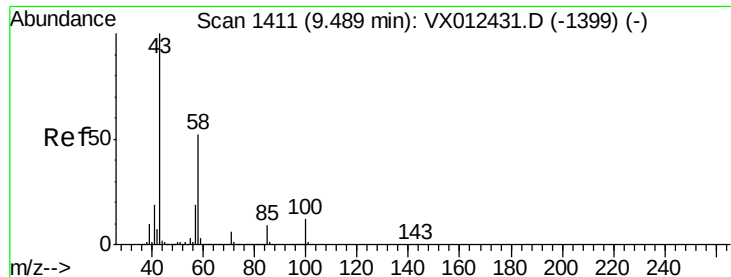
MMDadoda
 9/19/2019 1:04:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 55.627 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion: 63 Resp: 178015
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6





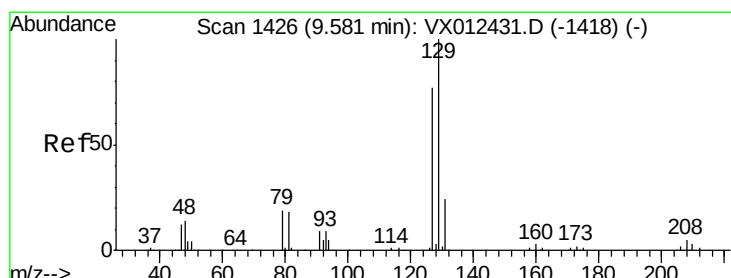
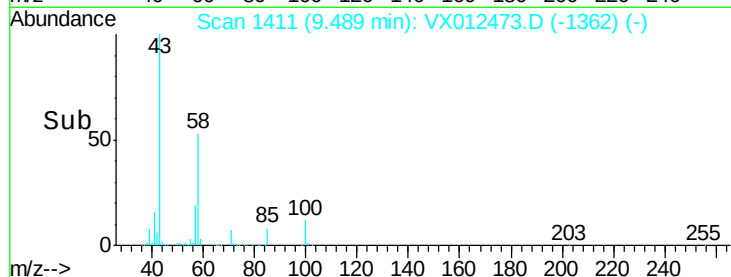
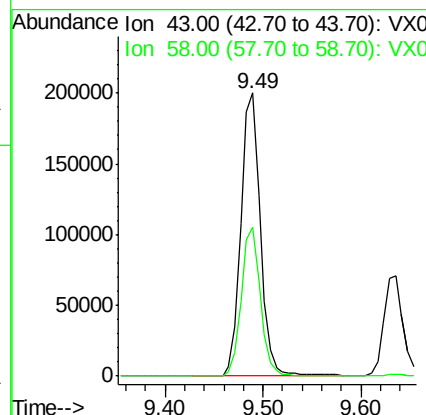
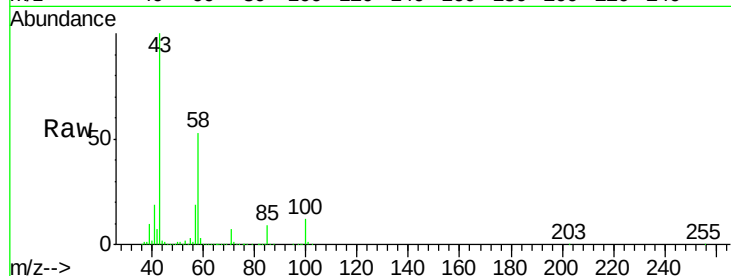
#59
2-Hexanone
Concen: 52.342 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion: 43 Resp: 276343
Ion Ratio Lower Upper
43 100
58 51.8 25.7 77.1

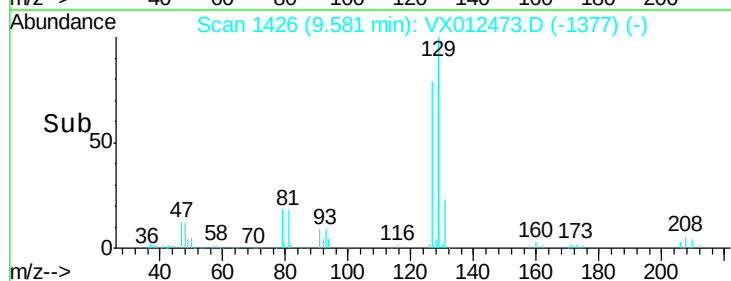
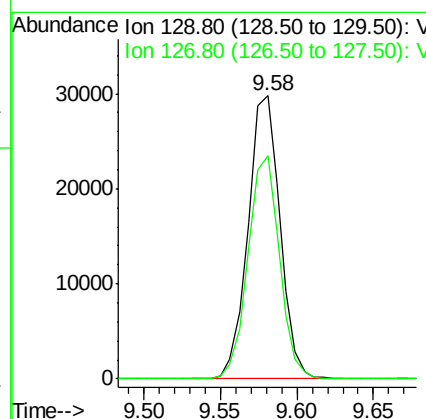
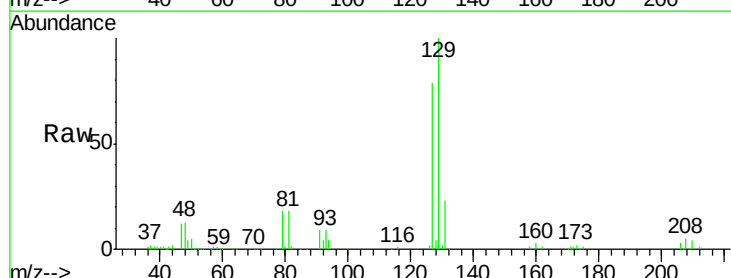
Manual Integrations
APPROVED

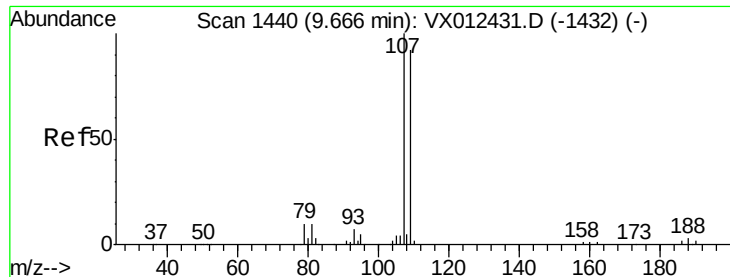
MMDadoda
9/19/2019 1:04:29 PM



#60
Dibromochloromethane
Concen: 10.781 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion: 129 Resp: 43422
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 11.334 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:107 Resp: 40931

Ion Ratio Lower Upper

107 100

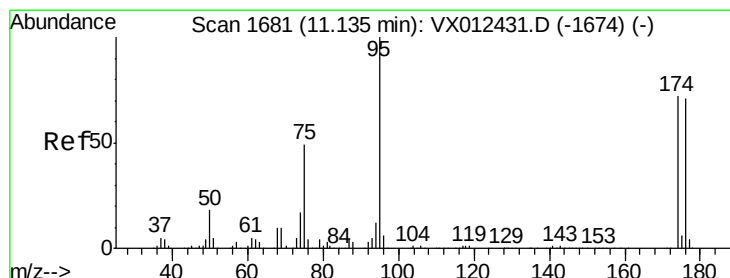
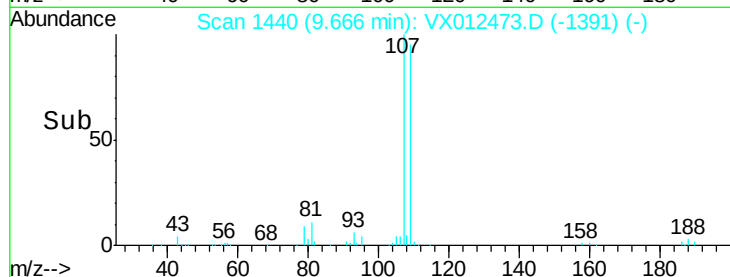
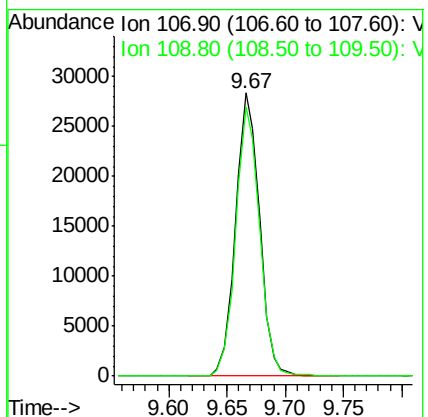
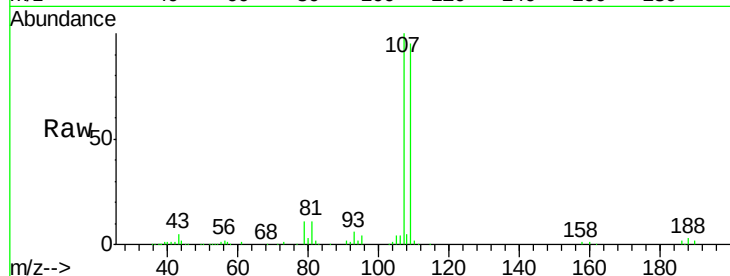
109 94.6 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 49.612 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

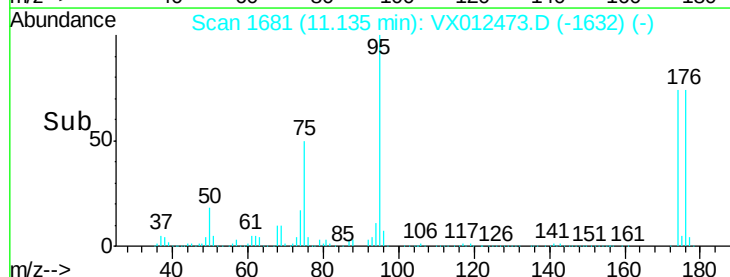
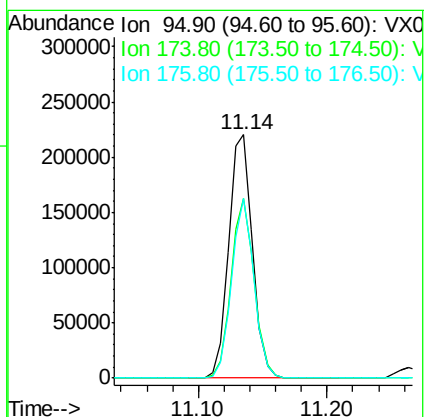
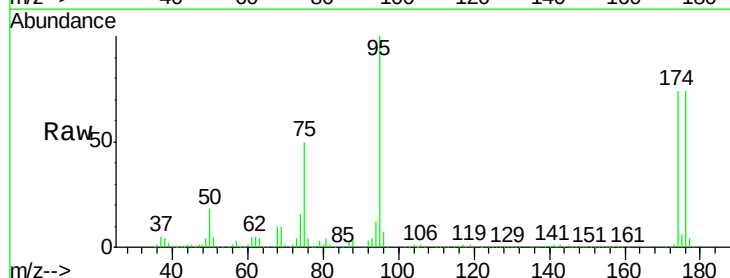
Tgt Ion: 95 Resp: 284418

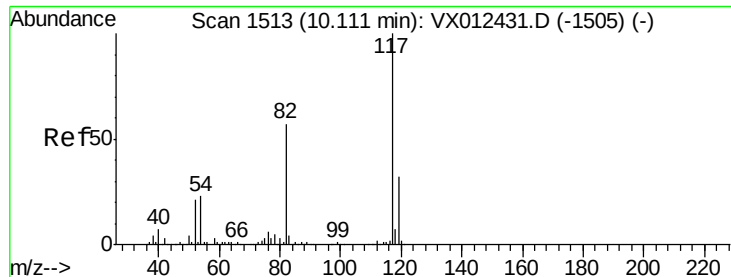
Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.0

176 69.6 0.0 135.4





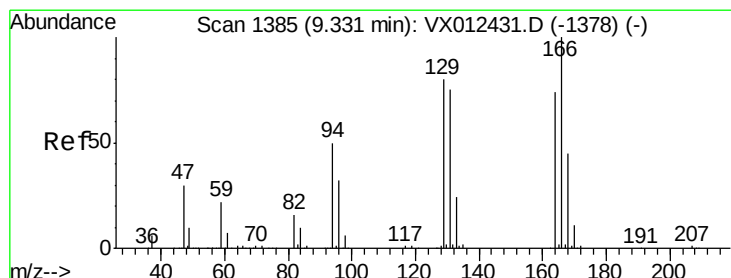
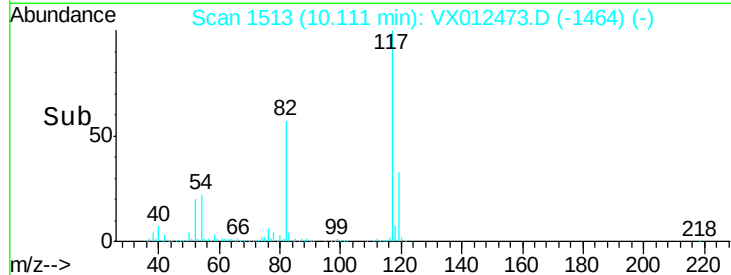
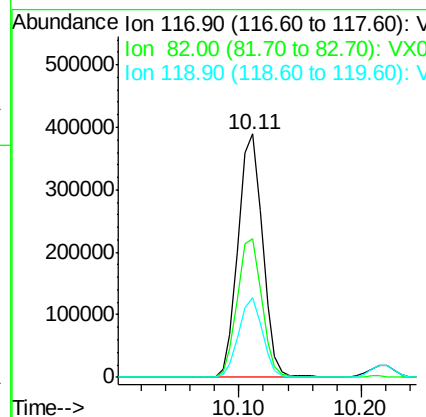
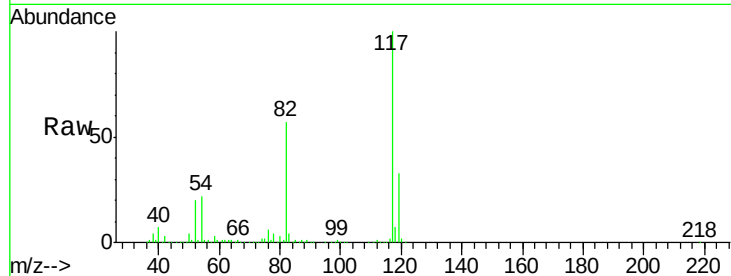
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.9	68.9
119	32.6	25.3	37.9

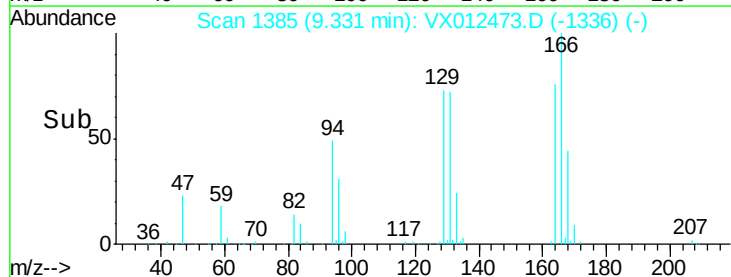
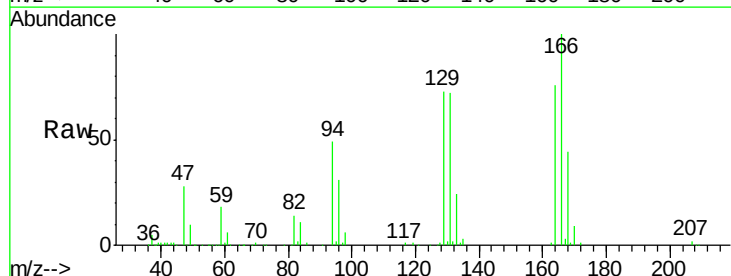
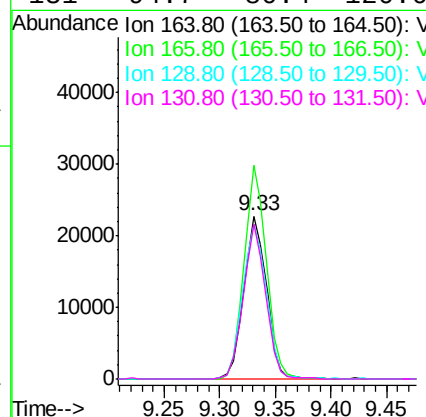
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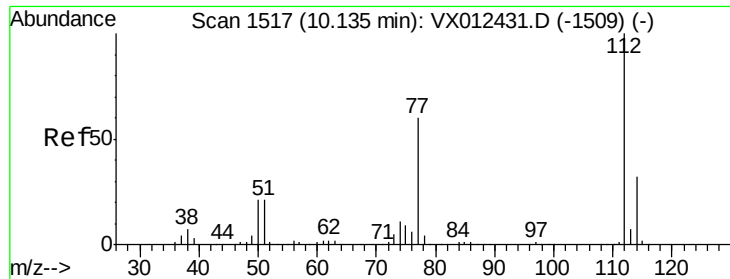
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#64
Tetrachloroethene
Concen: 13.109 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	107.8	161.6
129	95.0	86.2	129.2
131	94.7	80.4	120.6





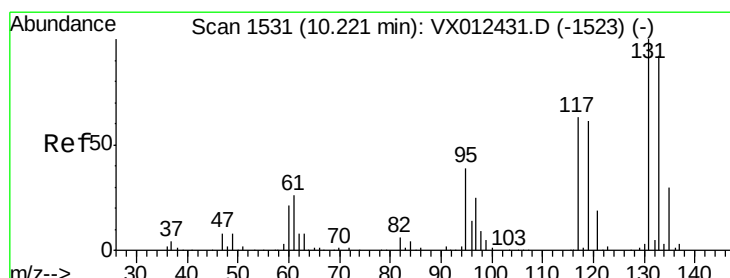
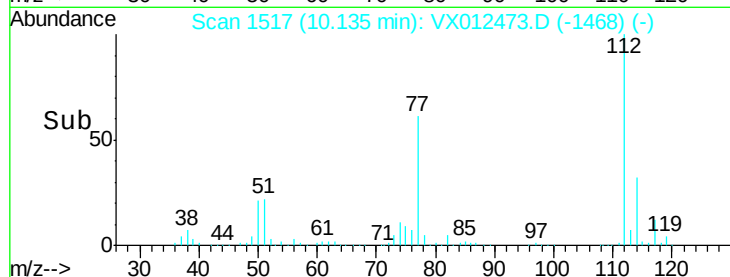
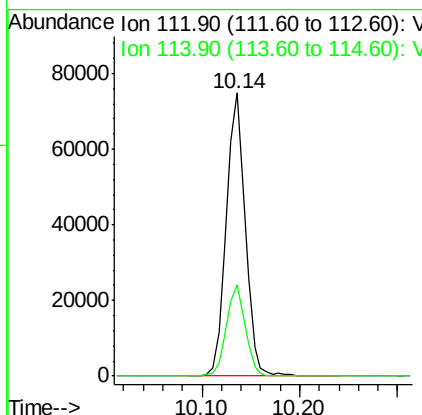
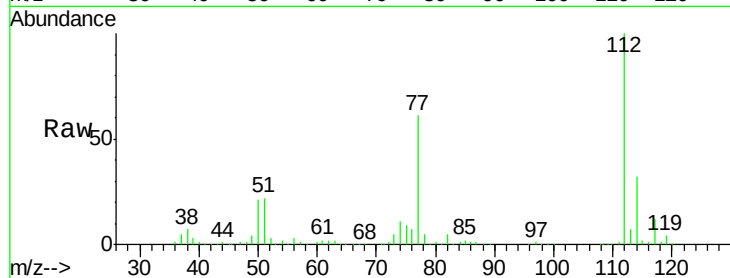
#65
Chlorobenzene
Concen: 11.452 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion:112 Resp: 101633
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

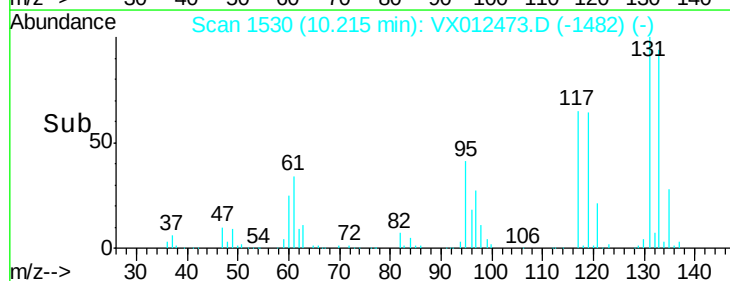
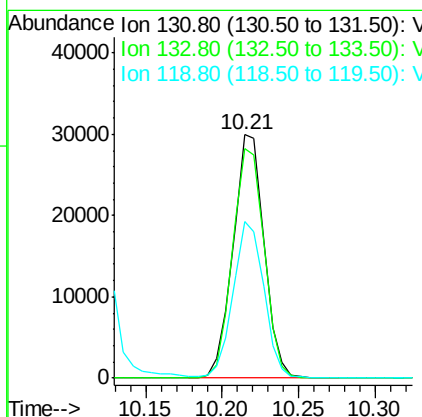
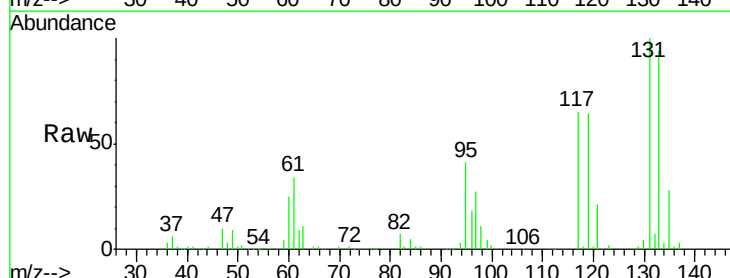
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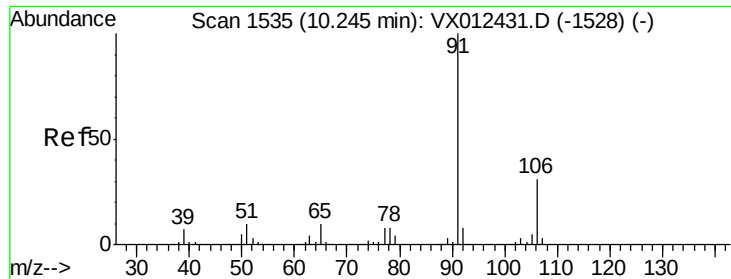
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#66
1,1,1,2-Tetrachloroethane
Concen: 11.420 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion:131 Resp: 42064
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.2 31.3 93.8





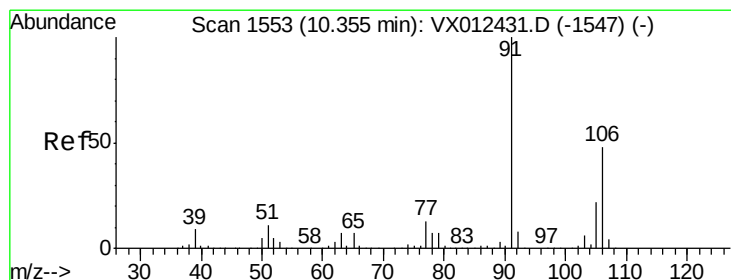
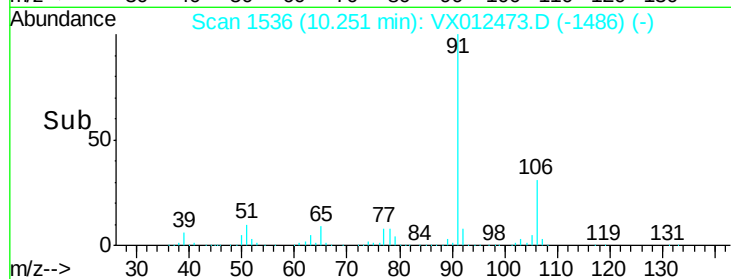
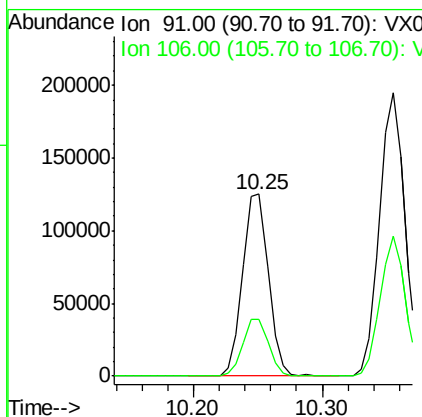
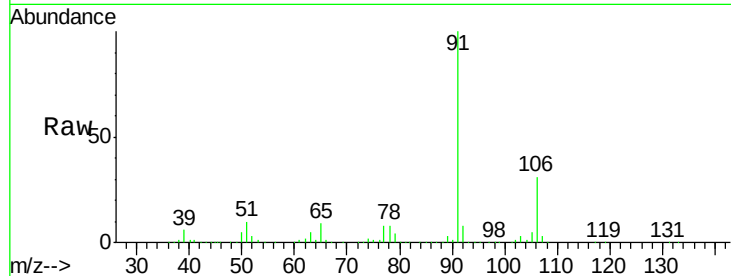
#67
Ethyl Benzene
Concen: 11.384 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion: 91 Resp: 173574
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

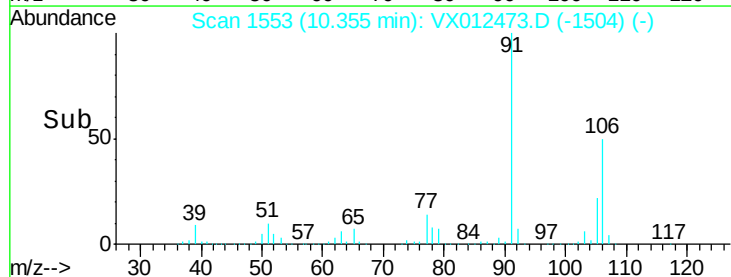
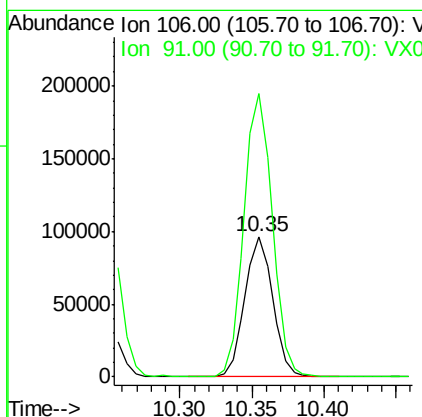
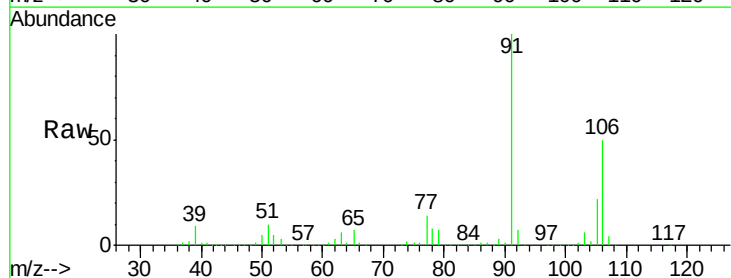
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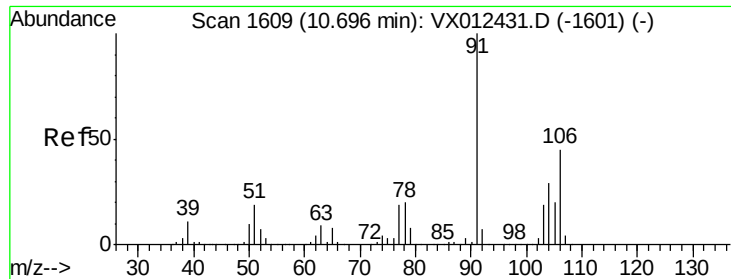
MMDadoda
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#68
m/p-Xylenes
Concen: 23.248 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion: 106 Resp: 128974
Ion Ratio Lower Upper
106 100
91 206.3 166.6 250.0





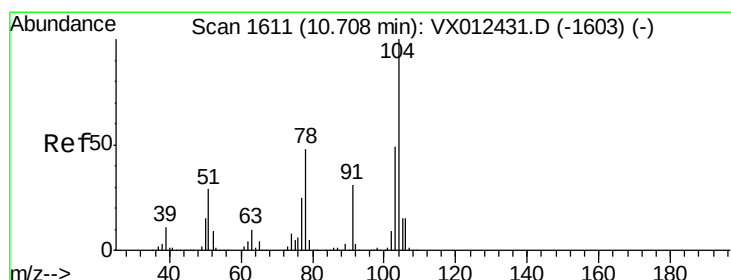
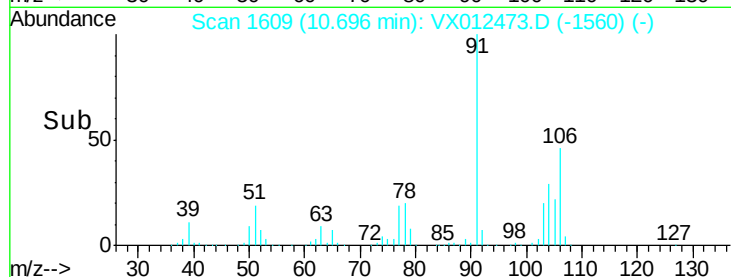
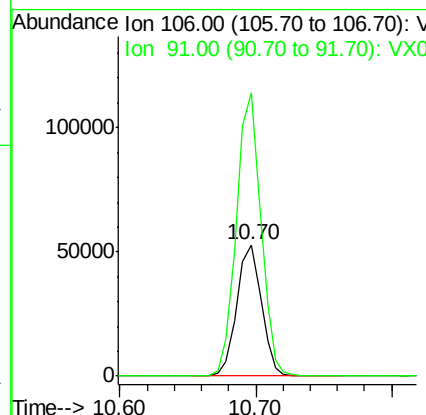
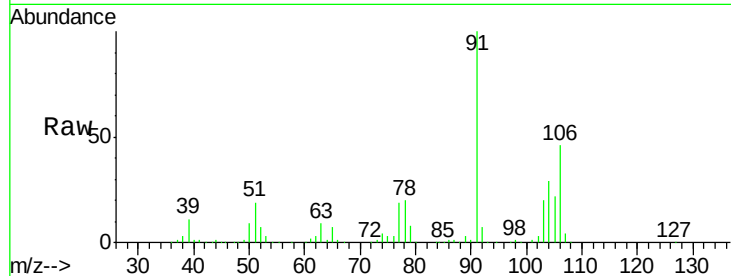
#69
o-Xylene
Concen: 11.752 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

Tot Ion:106 Resp: 67051
Ion Ratio Lower Upper
106 100
91 214.2 109.4 328.2

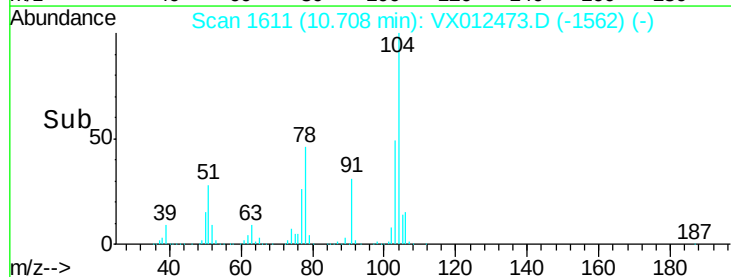
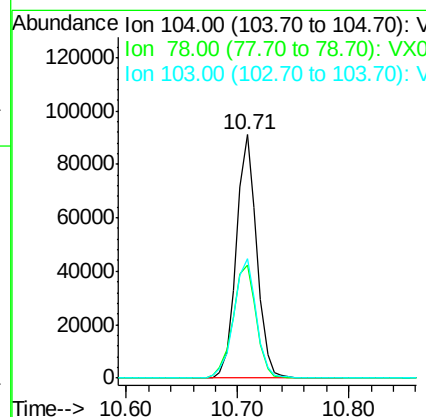
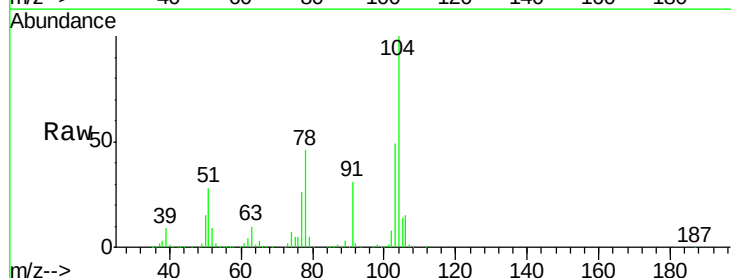
Manual Integrations
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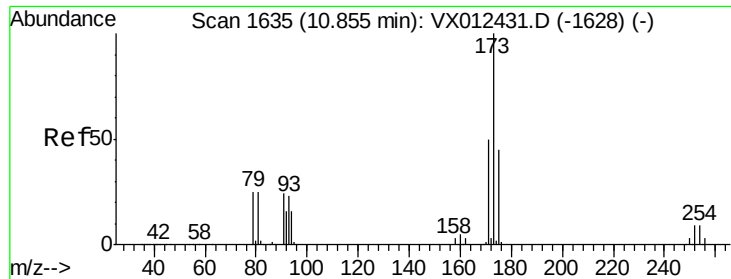
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#70
Styrene
Concen: 11.415 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion:104 Resp: 115226
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.2
103 54.1 43.3 64.9





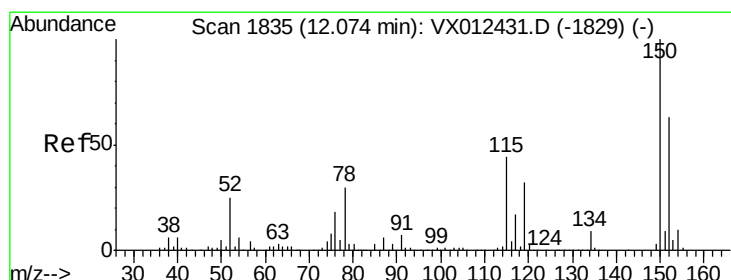
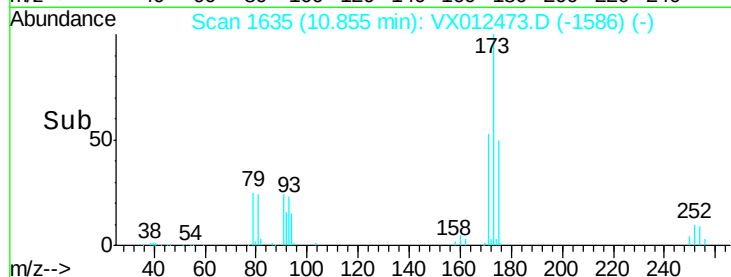
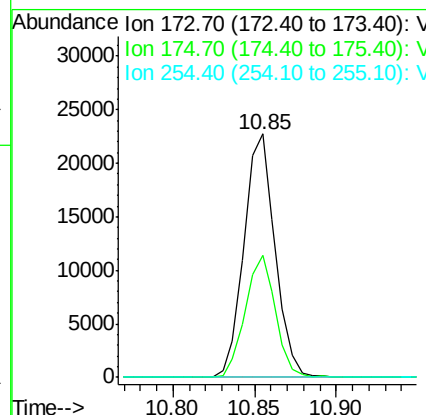
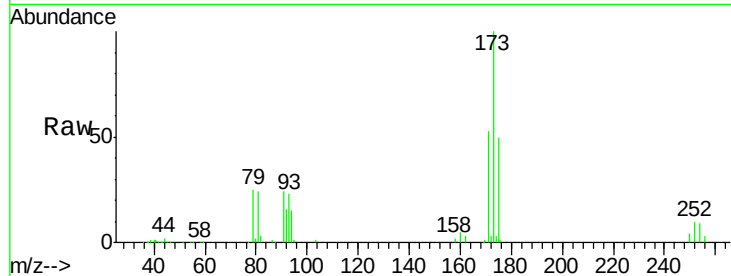
#71
Bromoform
Concen: 11.838 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.7	71.1
254	0.0	0.1	0.1

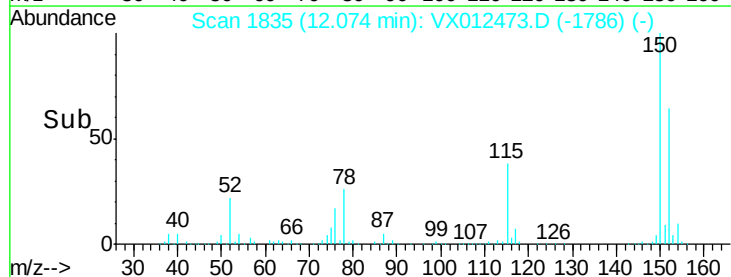
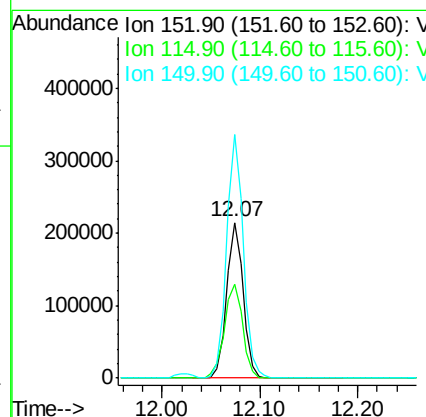
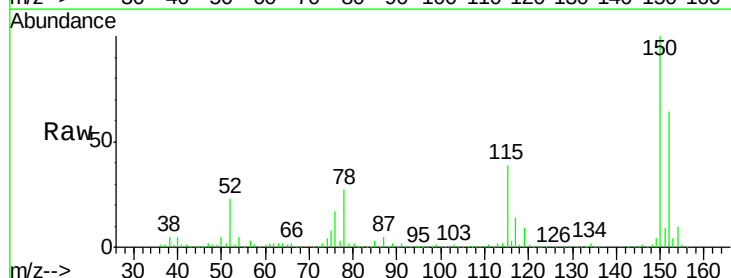
Manual Integrations
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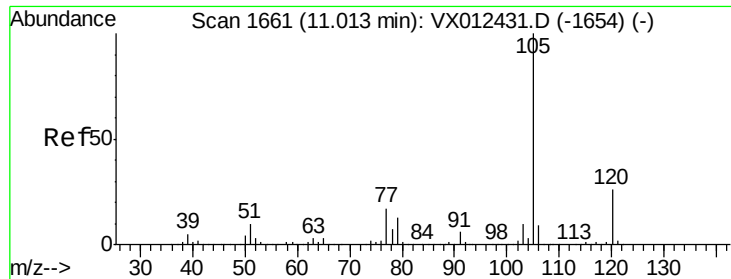
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	44.1	132.3
150	158.7	0.0	343.8





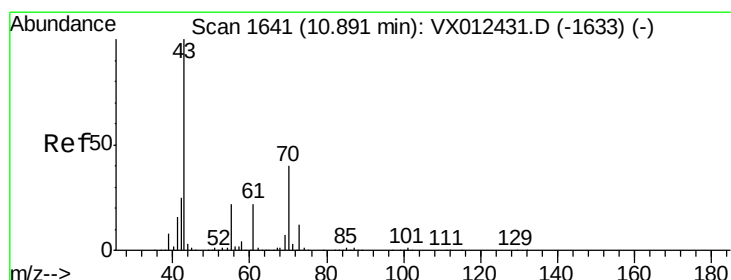
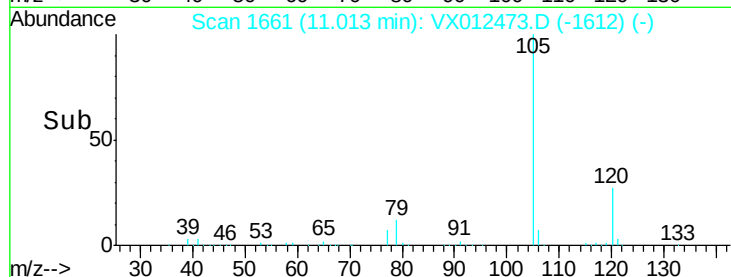
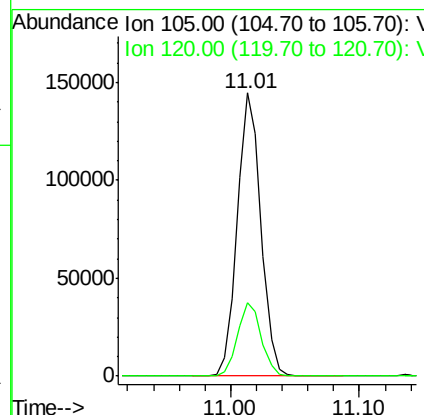
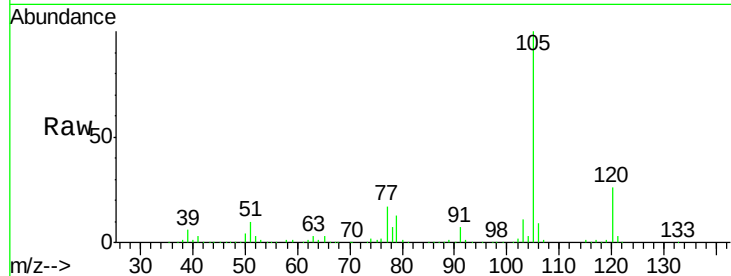
#73
Isopropylbenzene
Concen: 11.766 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion:105 Resp: 184665
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

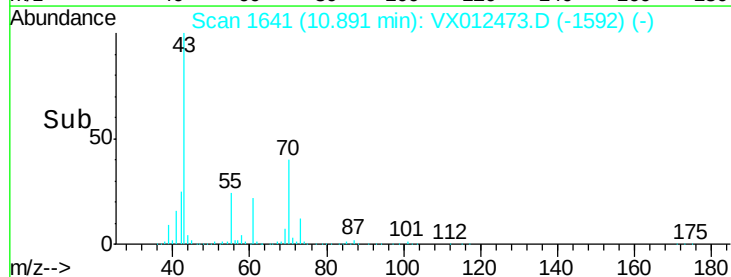
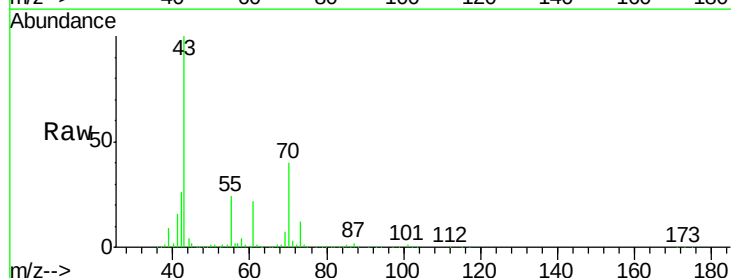
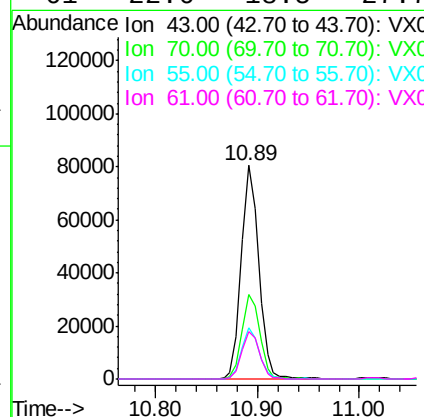
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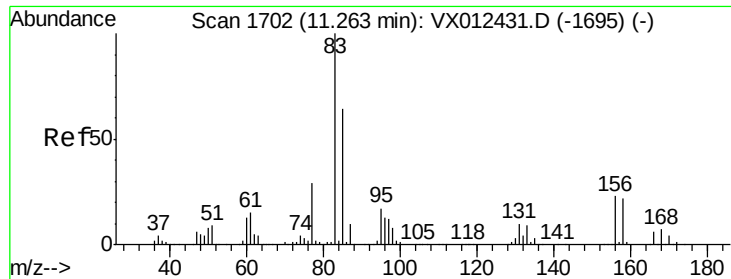
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#74
N-ethyl acetate
Concen: 11.333 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion: 43 Resp: 95769
Ion Ratio Lower Upper
43 100
70 40.1 32.4 48.6
55 23.7 18.2 27.4
61 22.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 11.295 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

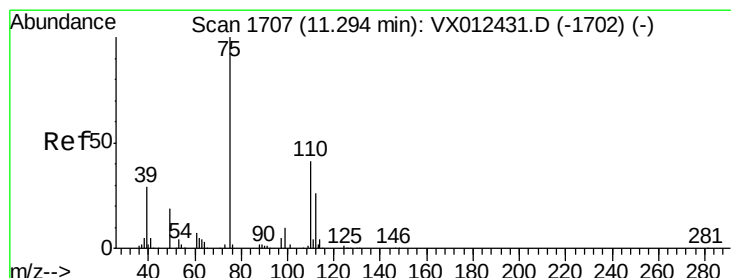
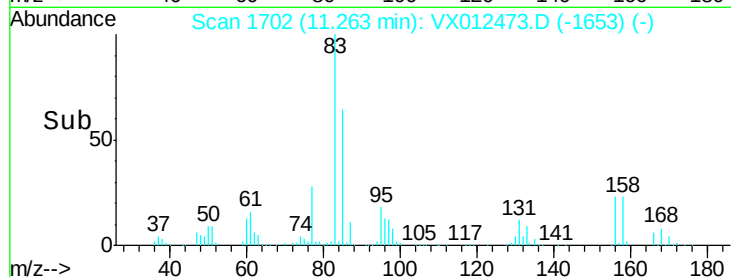
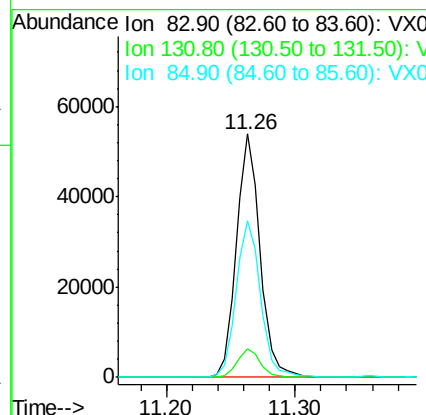
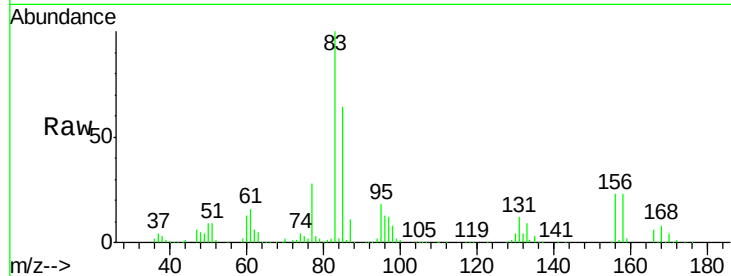
ClientSampled :

VX0918WBSD01

Tot Ion:	83	Resp:	69543
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.2	15.6
85	66.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 11.832 ug/l m

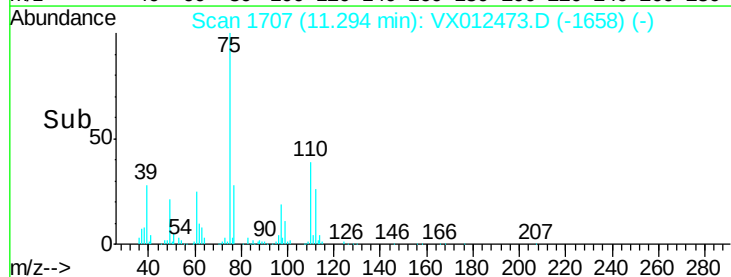
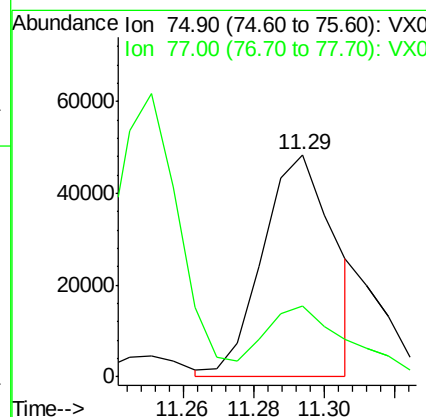
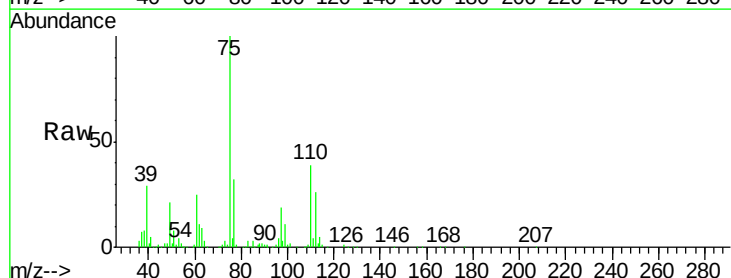
RT: 11.29 min Scan# 1707

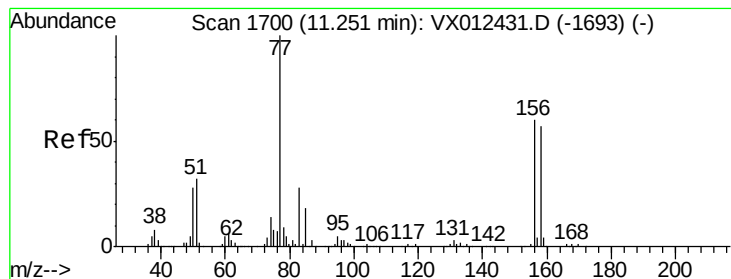
Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	75	Resp:	67986
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.7	59.0





#77

Bromobenzene

Concen: 12.157 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:156 Resp: 46535

Ion Ratio Lower Upper

156 100

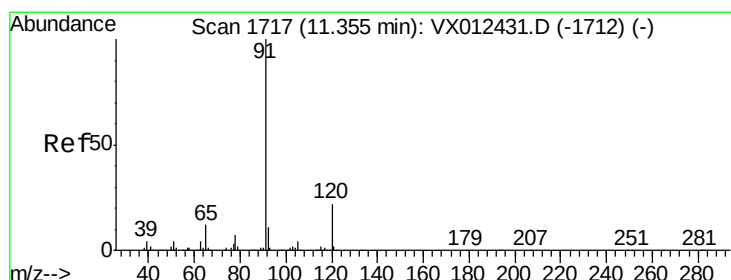
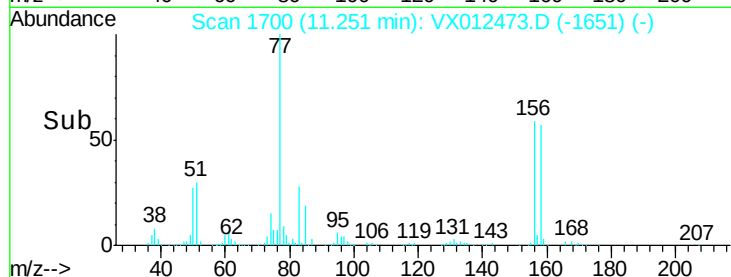
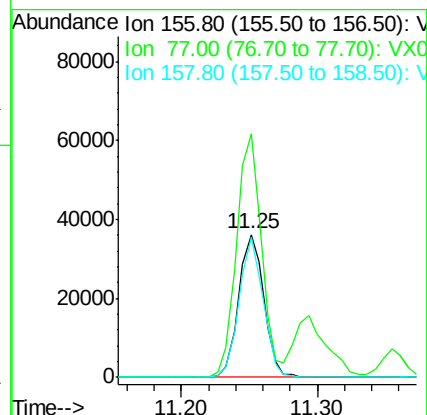
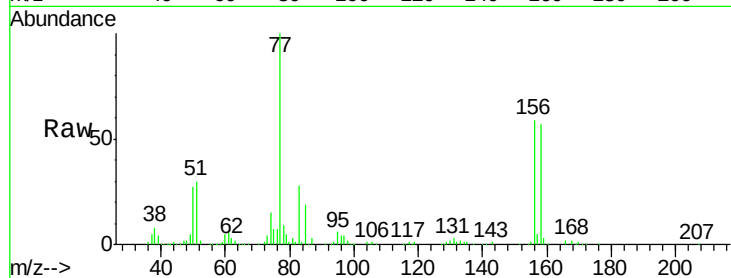
77 169.7 87.3 261.8

158 93.9 48.5 145.6

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#78

n-propylbenzene

Concen: 11.525 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012473.D

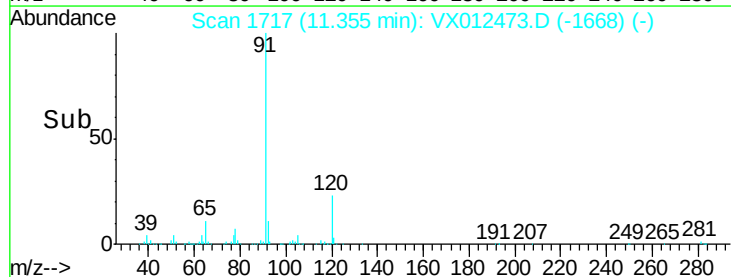
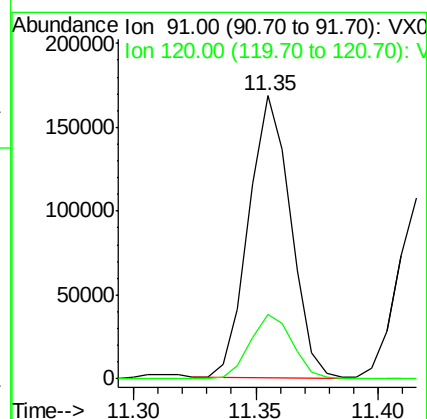
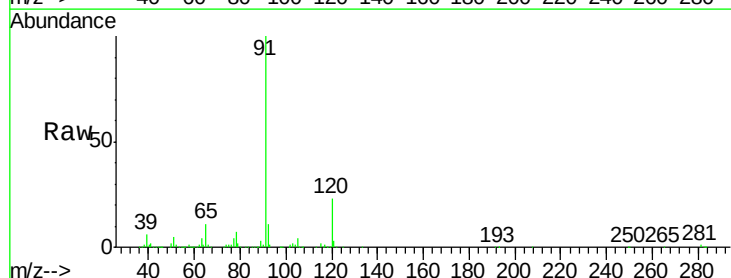
Acq: 18 Sep 2019 15:01

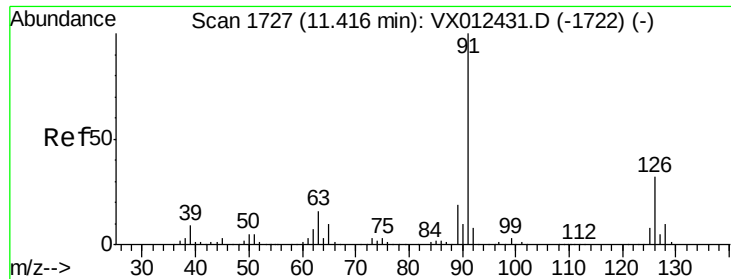
Tgt Ion: 91 Resp: 201608

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8





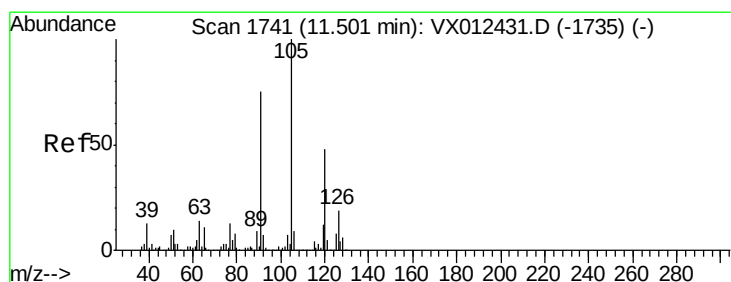
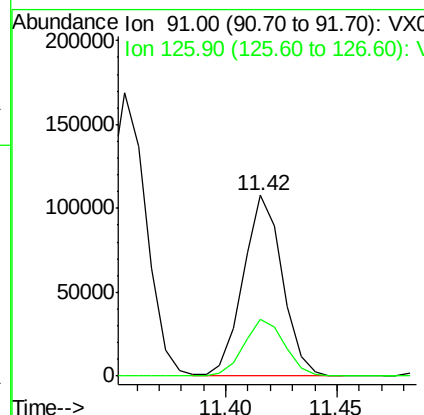
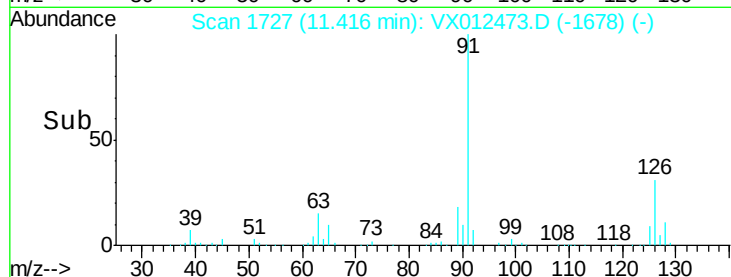
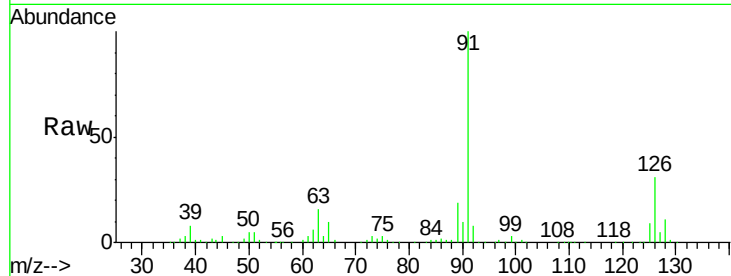
#79
 2-Chlorotoluene
 Concen: 11.565 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.4

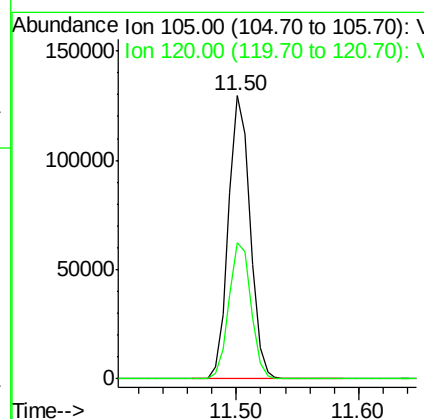
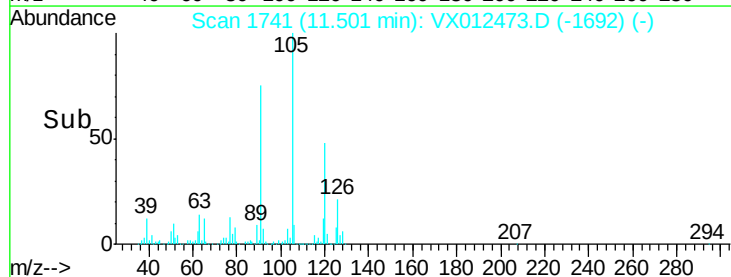
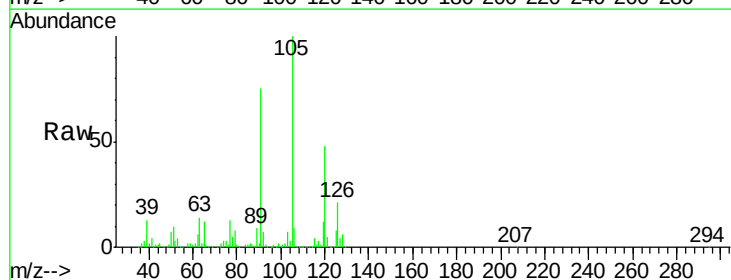
Manual Integrations
 APPROVED

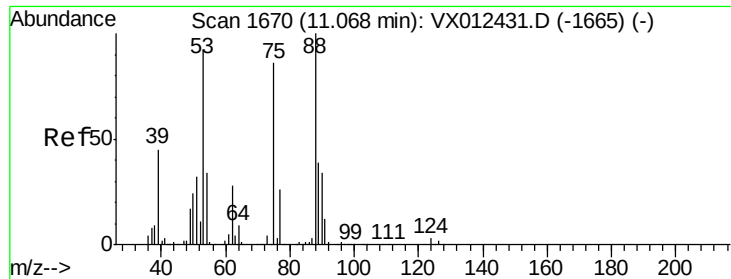
MMDadoda
 9/19/2019 1:04:29 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 11.828 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 12.027 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

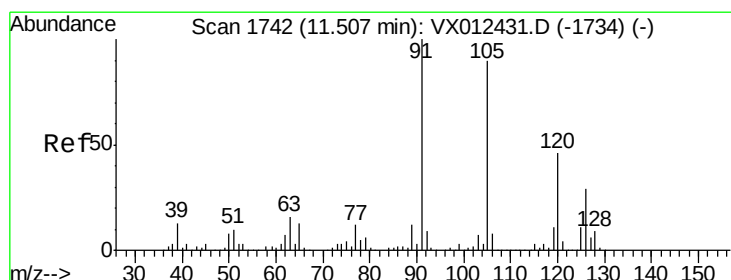
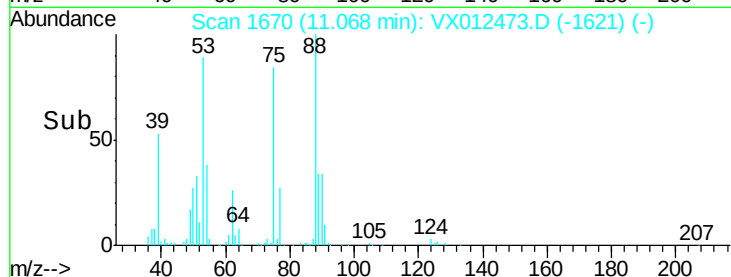
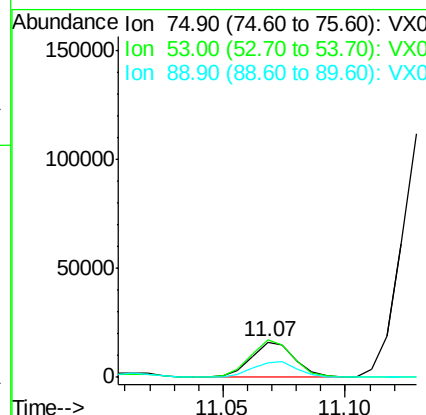
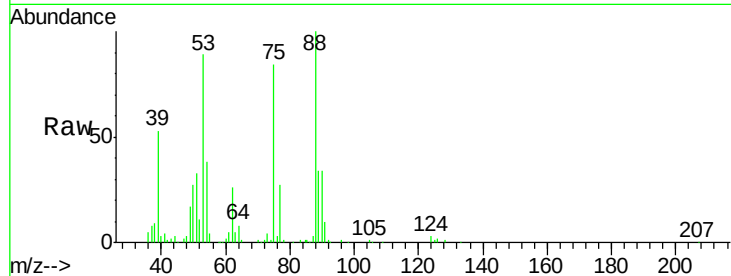
ClientSampleId :

VX0918WBSD01

Tot Ion:	75	Resp:	19927
Ion Ratio	Lower	Upper	
75	100		
53	109.4	83.6	125.4
89	44.1	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 11.601 ug/l

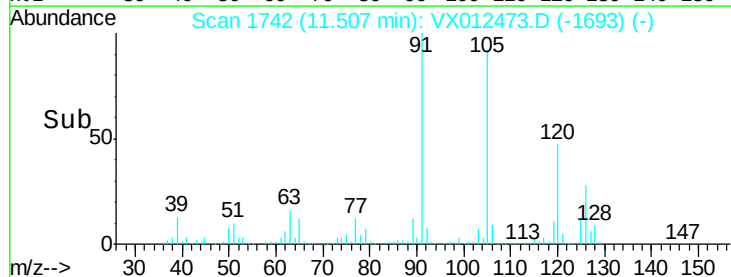
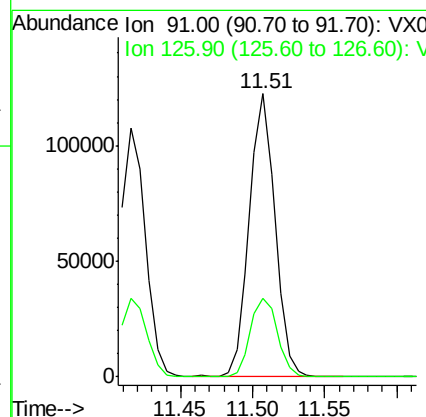
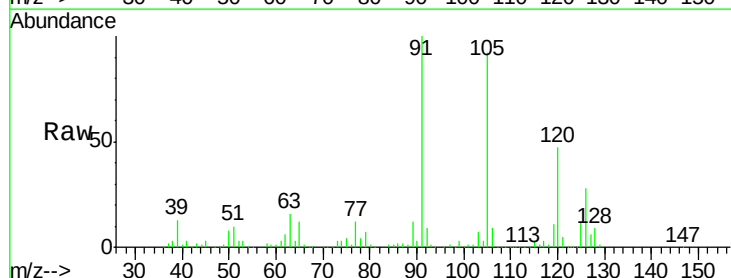
RT: 11.51 min Scan# 1742

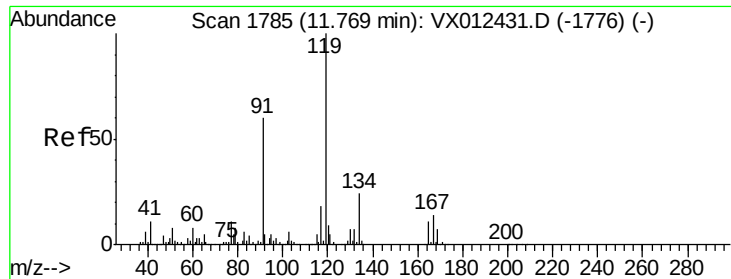
Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	91	Resp:	151517
Ion Ratio	Lower	Upper	
91	100		
126	29.5	14.4	43.0





#83

tert-Butylbenzene

Concen: 11.226 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

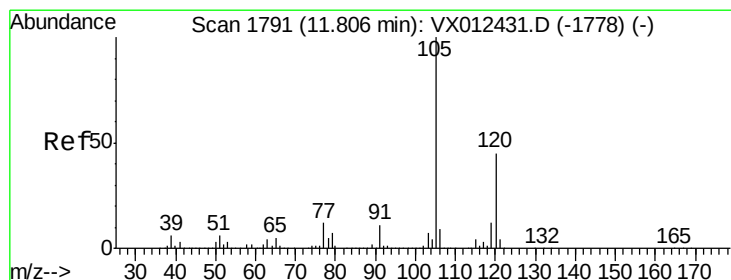
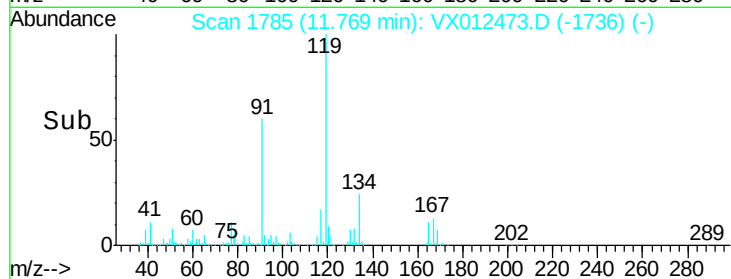
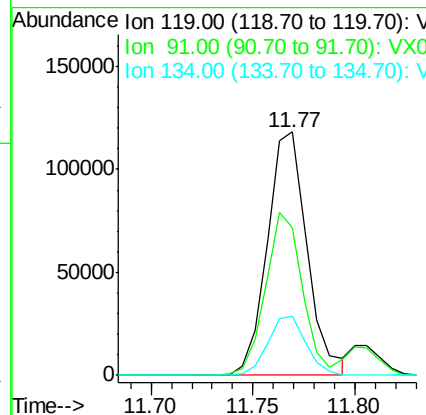
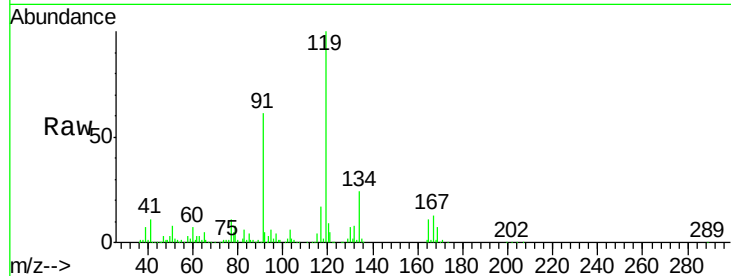
ClientSampleId :

VX0918WBSD01

Tot Ion:	119	Resp:	161016
Ion Ratio		Lower	Upper
119	100		
91	61.7	30.0	90.0
134	23.3	11.3	33.9

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#84

1,2,4-Trimethylbenzene

Concen: 11.637 ug/l

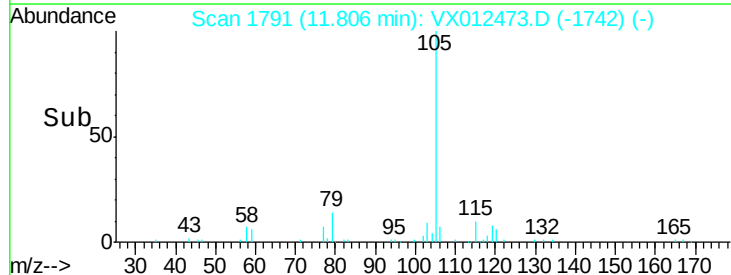
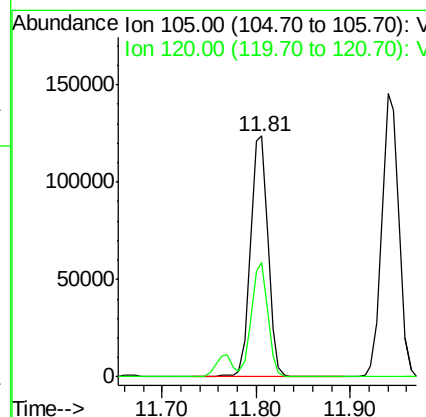
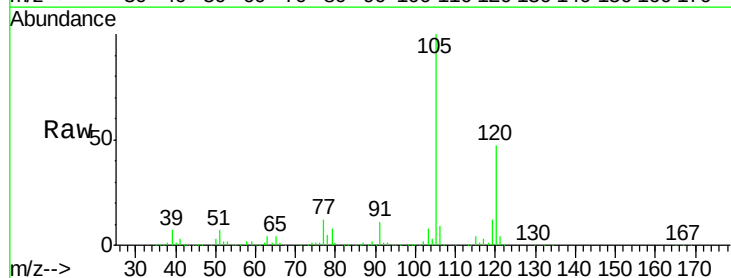
RT: 11.81 min Scan# 1791

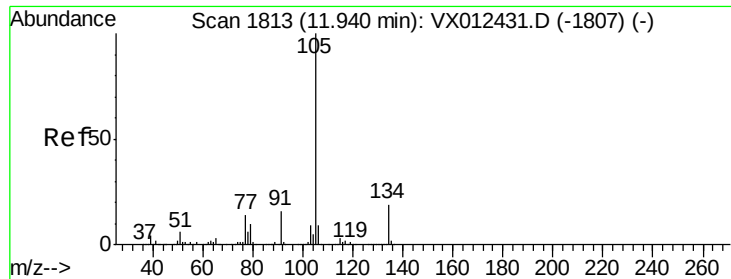
Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	105	Resp:	159943
Ion Ratio		Lower	Upper
105	100		
120	44.4	22.2	66.6





#85

sec-Butylbenzene

Concen: 11.431 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:105 Resp: 180670

Ion Ratio Lower Upper

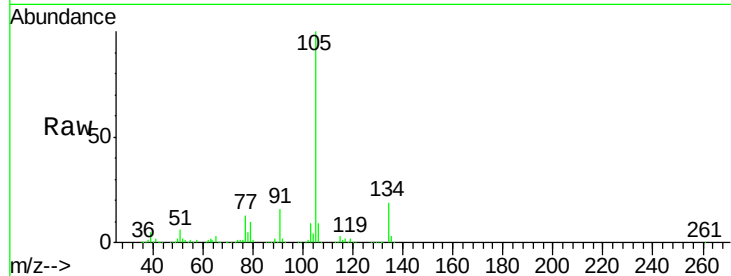
105 100

134 20.3 9.8 29.4

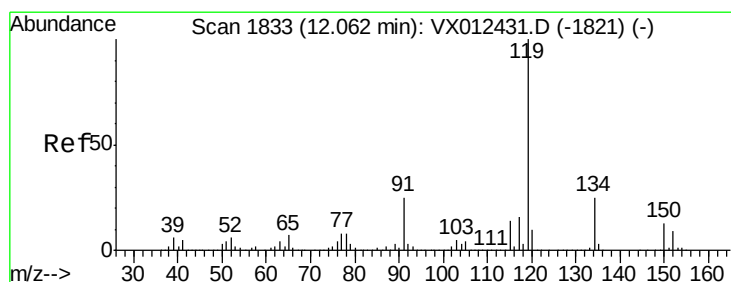
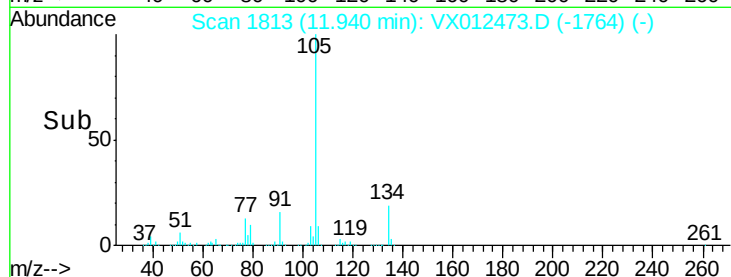
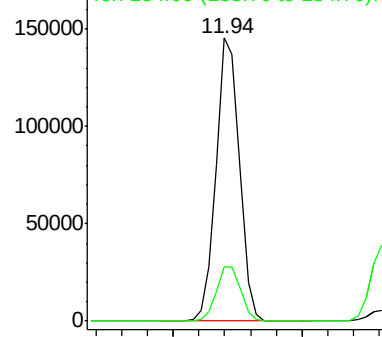
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 11.569 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

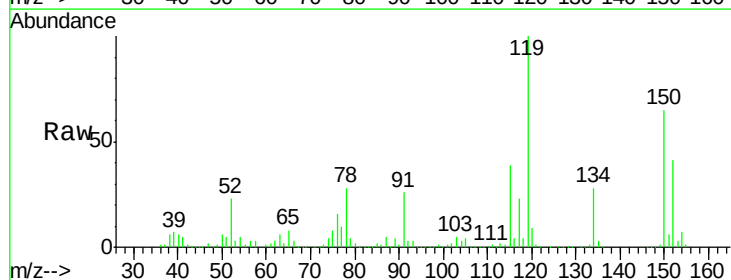
Tgt Ion:119 Resp: 167907

Ion Ratio Lower Upper

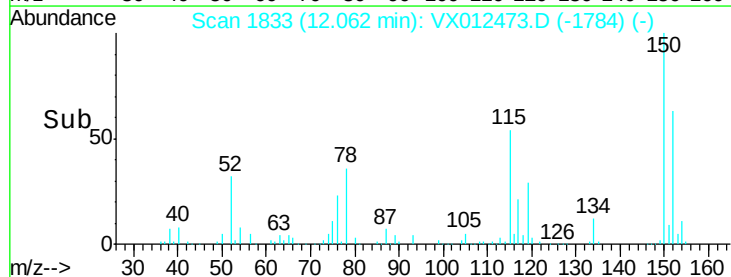
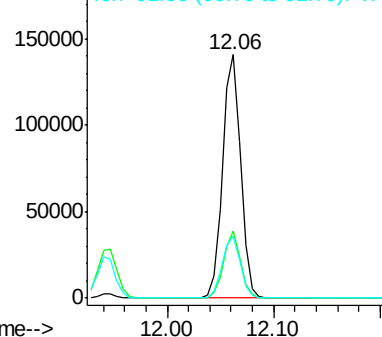
119 100

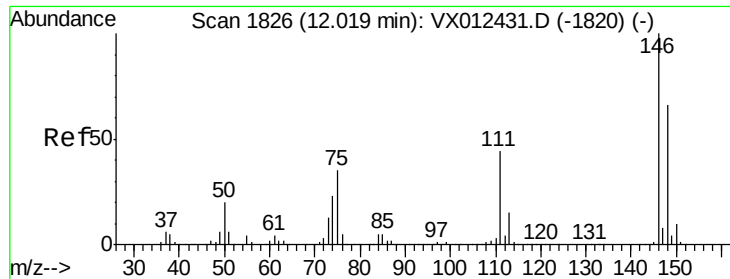
134 25.9 12.7 38.1

91 25.8 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





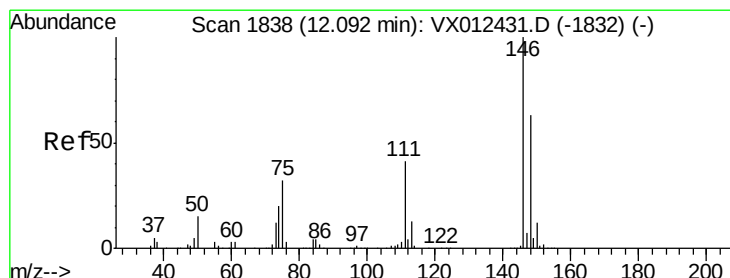
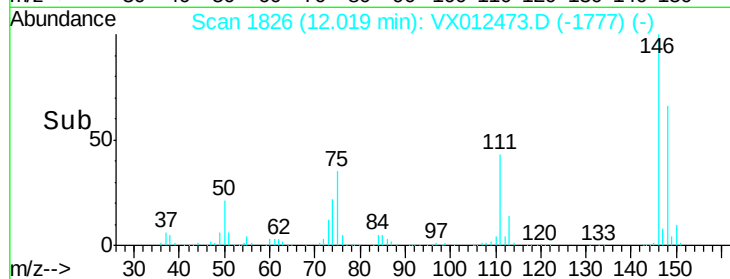
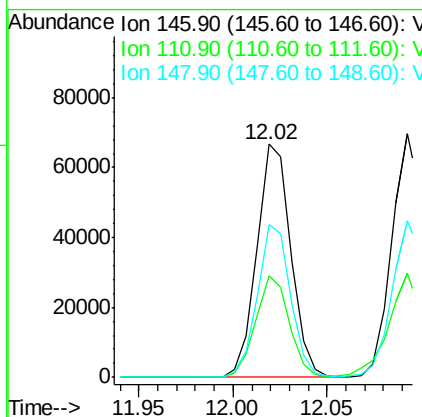
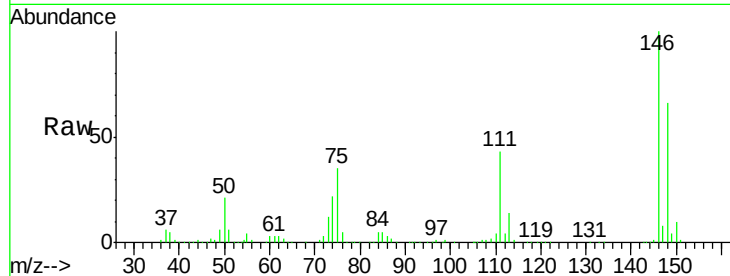
#87
 1,3-Dichlorobenzene
 Concen: 11.615 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	64.0	32.4	97.2

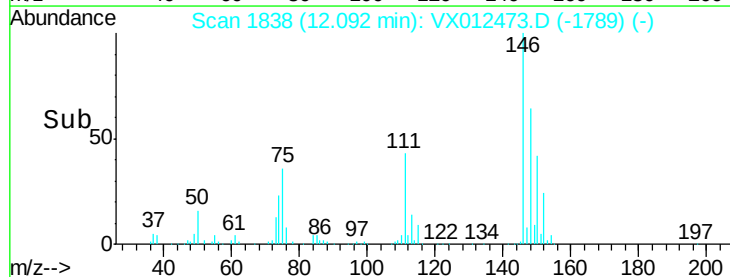
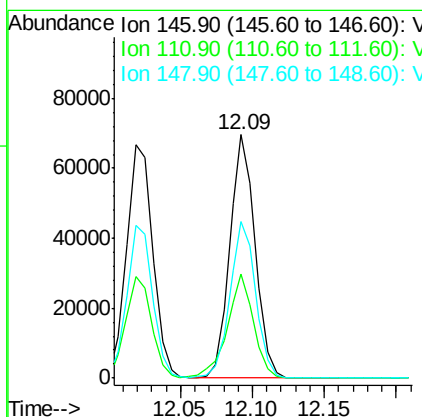
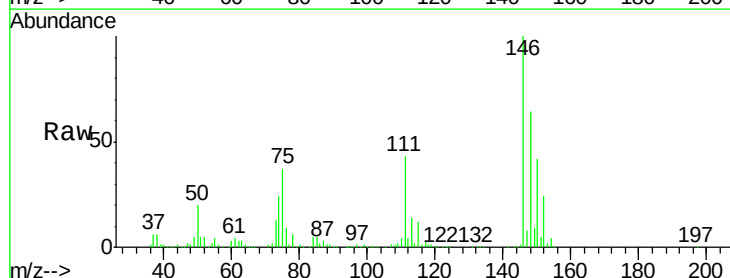
Manual Integrations
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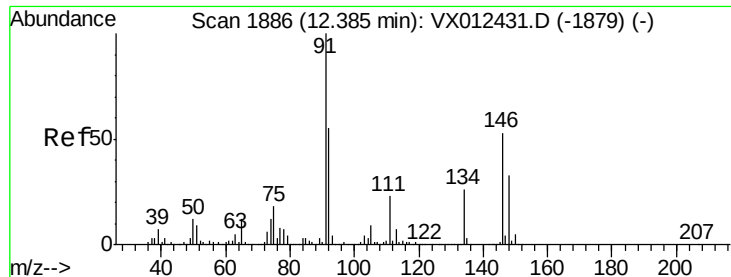
MMDadoda
 9/19/2019 1:04:29 PM



#88
 1,4-Dichlorobenzene
 Concen: 11.626 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.1	63.3
148	65.6	32.1	96.5





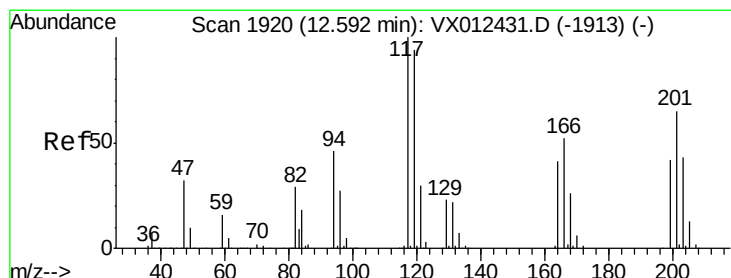
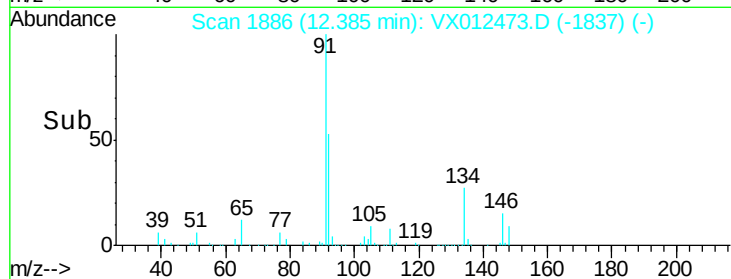
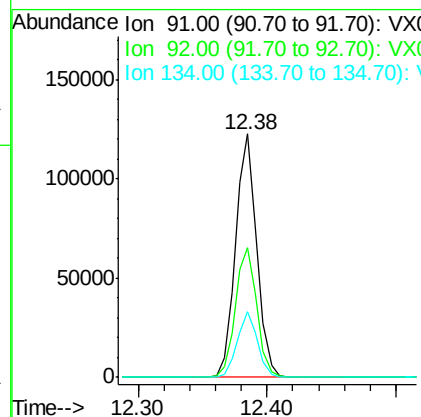
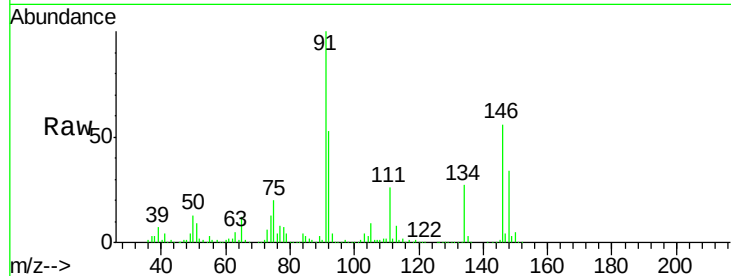
#89
n-Butylbenzene
Concen: 10.925 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.7	83.0
134	25.8	12.9	38.6

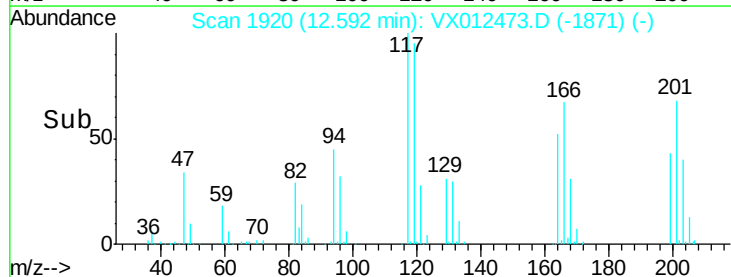
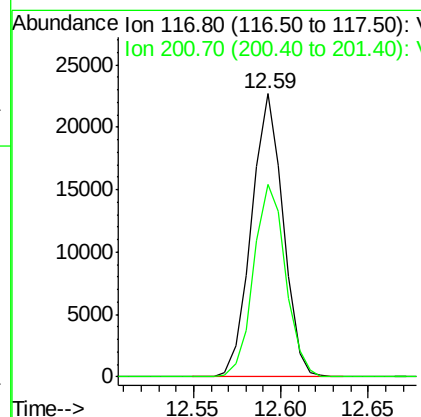
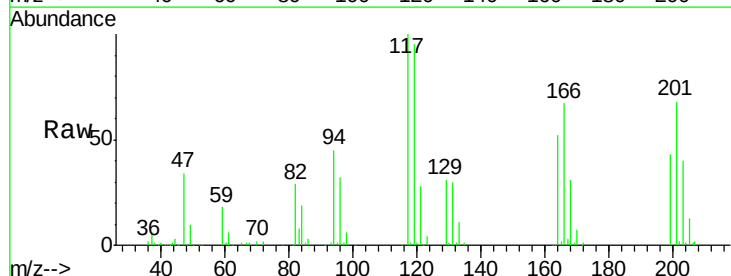
Manual Integrations
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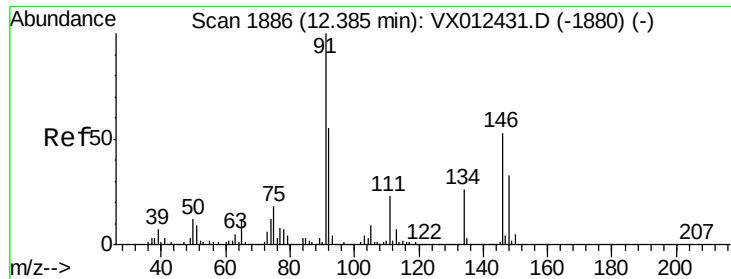
MMDadoda
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#90
Hexachloroethane
Concen: 10.733 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012473.D
Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.3	99.8





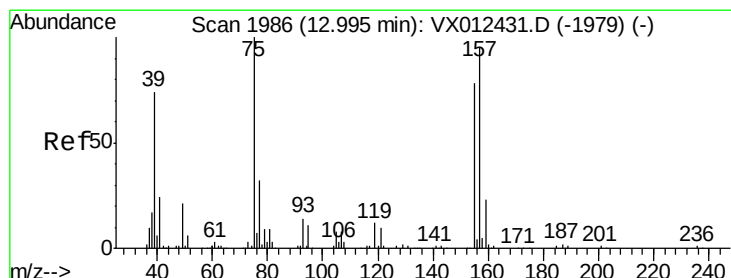
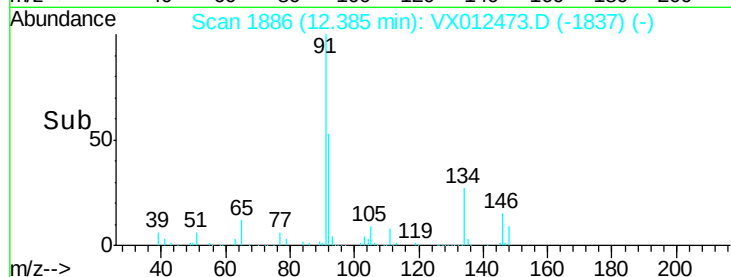
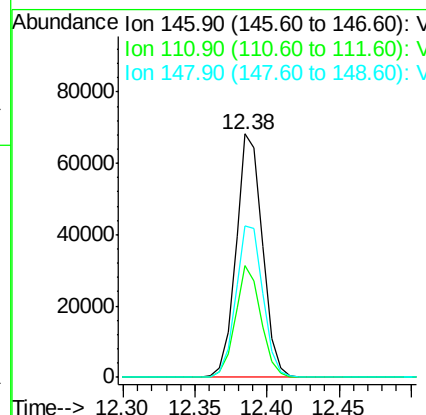
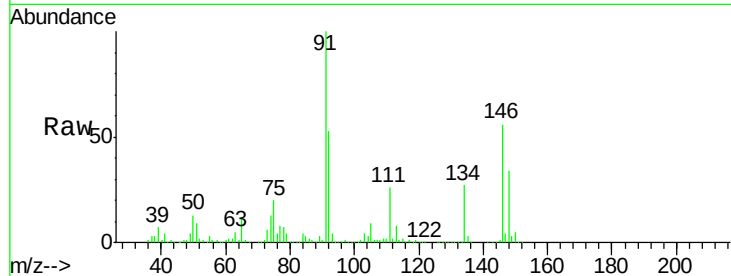
#91
 1,2-Dichlorobenzene
 Concen: 11.597 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.1	66.1
148	64.3	31.3	93.9

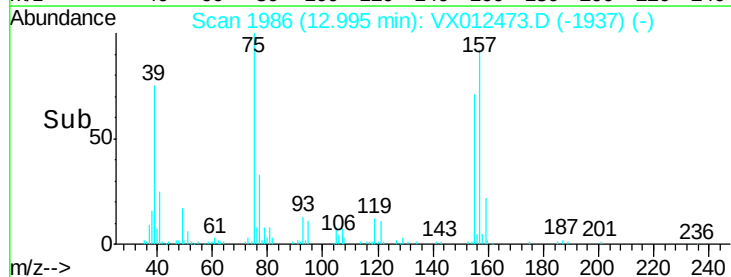
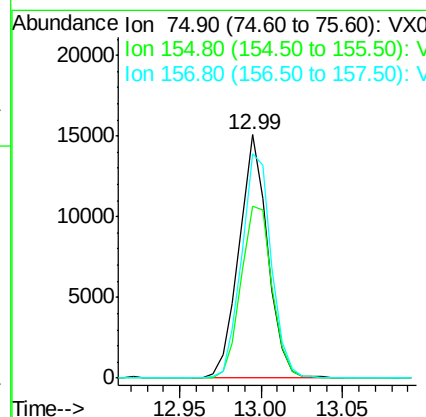
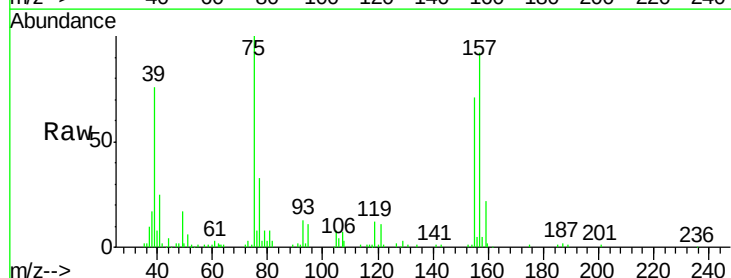
Manual Integrations
 APPROVED

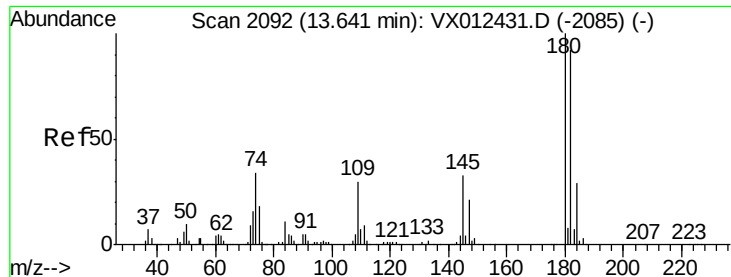
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.539 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	38.6	115.8
157	96.2	50.6	151.9





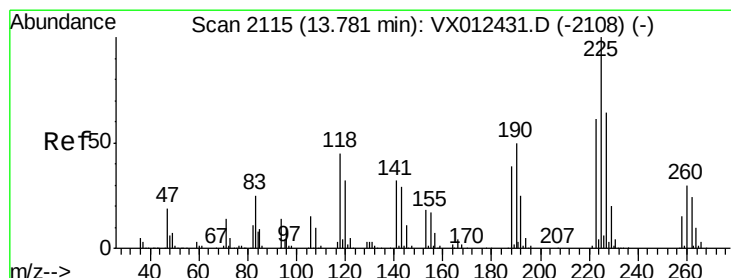
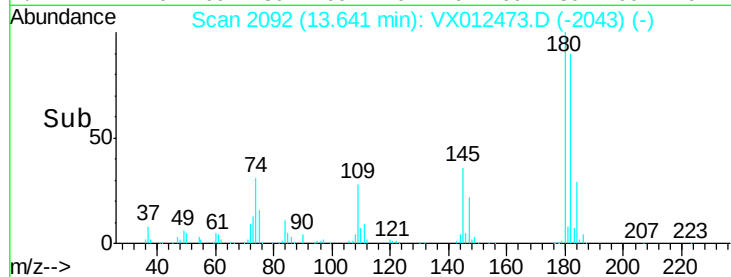
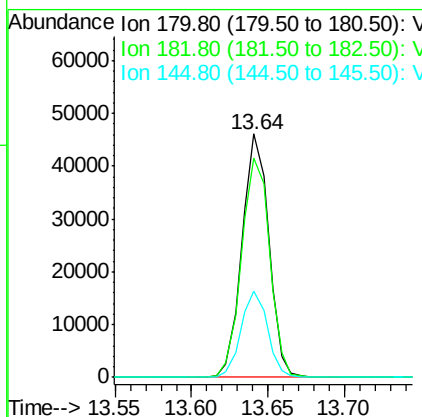
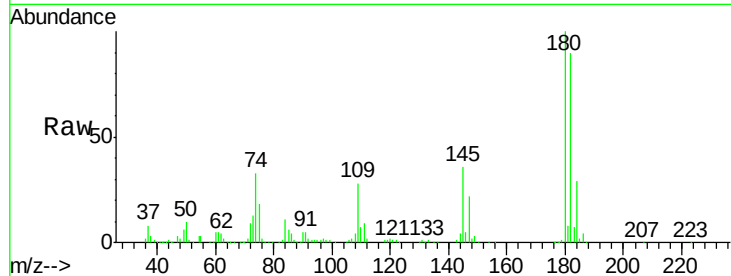
#93
 1,2,4-Trichlorobenzene
 Concen: 11.578 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.0
145	35.6	16.8	50.4

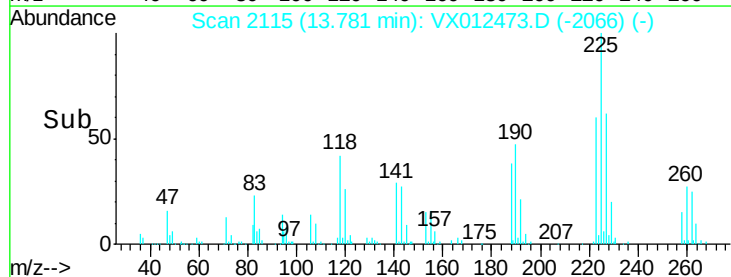
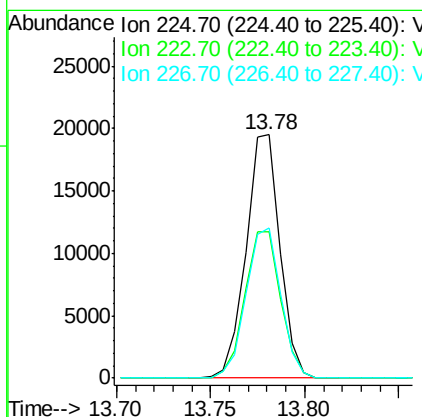
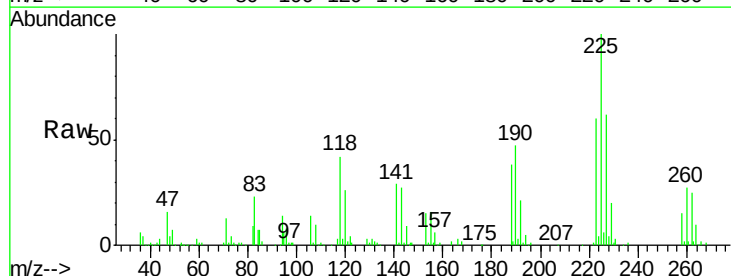
Manual Integrations
 APPROVED

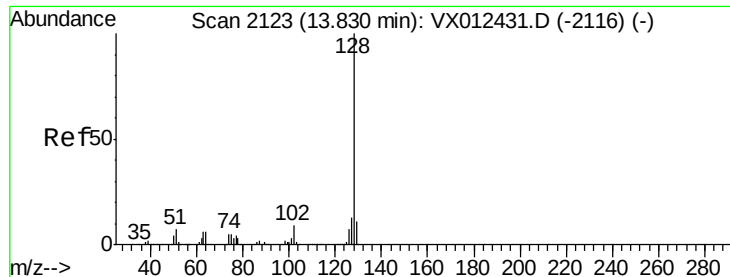
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 10.648 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012473.D
 Acq: 18 Sep 2019 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.0	96.2
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 12.069 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Instrument :

MSVOA_X

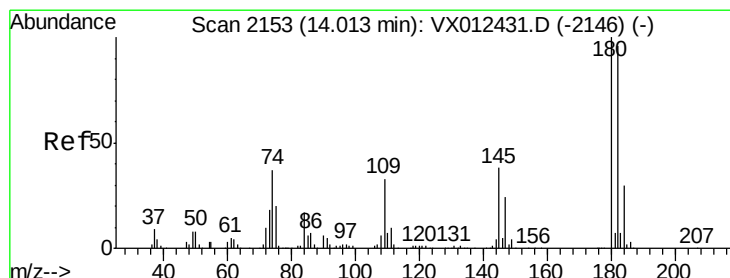
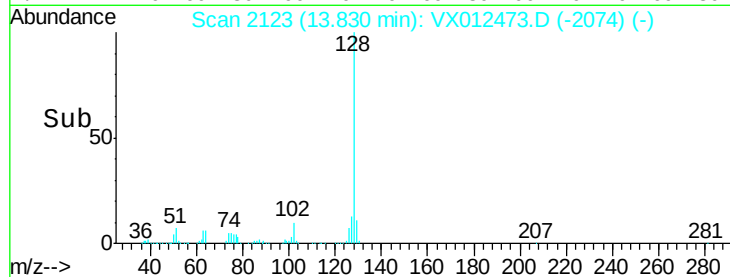
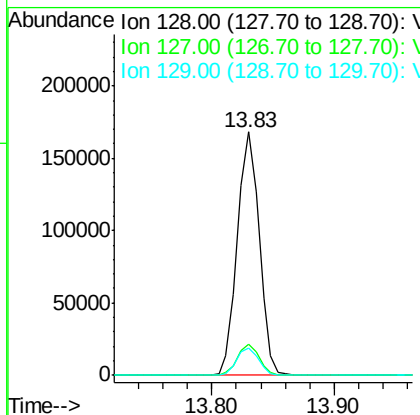
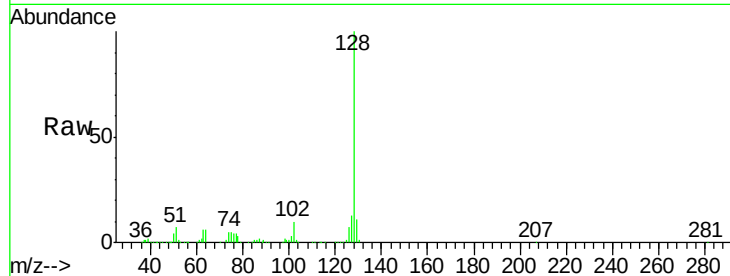
ClientSampleId :

VX0918WBSD01

Tot Ion:	128	Resp:	208174
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.4	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:04:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 11.846 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012473.D

Acq: 18 Sep 2019 15:01

Tgt Ion:	180	Resp:	58514
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.1	141.3
145	36.1	18.0	54.0

