

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014685.D
 Acq On : 22 Jan 2020 12:13
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 1/24/2020 1:39:16 PM

Quant Time: Jan 22 12:35:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:11:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	420869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	762628	156.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.04%	
35) Dibromofluoromethane	5.49	113	630543	154.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.94%	
50) Toluene-d8	8.71	98	2444164	156.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.16%	
62) 4-Bromofluorobenzene	11.14	95	926519	168.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	857962	175.228	ug/l	99
3) Chloromethane	1.32	50	883487	156.249	ug/l	100
4) Vinyl Chloride	1.40	62	983150	161.795	ug/l	100
5) Bromomethane	1.63	94	681329	166.532	ug/l	99
6) Chloroethane	1.70	64	518886	132.049	ug/l	99
7) Trichlorofluoromethane	1.92	101	1055360	146.688	ug/l	99
8) Diethyl Ether	2.18	74	463132	147.636	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	630219	149.721	ug/l	99
10) Methyl Iodide	2.50	142	870996	159.808	ug/l	100
11) Tert butyl alcohol	3.05	59	812210	732.689	ug/l	99
12) 1,1-Dichloroethene	2.36	96	635555	152.295	ug/l	99
13) Acrolein	2.28	56	666539	770.261	ug/l	99
14) Allyl chloride	2.72	41	1178081	158.060	ug/l	99
15) Acrylonitrile	3.14	53	1961476	772.054	ug/l	100
16) Acetone	2.44	43	2056329	692.734	ug/l	99
17) Carbon Disulfide	2.56	76	1800305	159.018	ug/l	99
18) Methyl Acetate	2.76	43	1205047	158.148	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	2102914	154.166	ug/l	100
20) Methylene Chloride	2.84	84	704842	139.813	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	682448	147.779	ug/l	98
22) Diisopropyl ether	3.84	45	2286242	153.381	ug/l	98
23) Vinyl Acetate	3.81	43	8667821	762.021	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1234064	152.261	ug/l	99
25) 2-Butanone	4.66	43	2955172	768.958	ug/l	98
26) 2,2-Dichloropropane	4.58	77	998566	154.267	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	774136	150.181	ug/l	99
28) Bromochloromethane	5.01	49	499606	138.070	ug/l	100
29) Tetrahydrofuran	5.11	42	1775549	780.399	ug/l	100
30) Chloroform	5.20	83	1180314	145.987	ug/l	99
31) Cyclohexane	5.57	56	1185961	156.537	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1036347	152.795	ug/l	98
36) 1,1-Dichloropropene	5.79	75	938102	156.203	ug/l	99
37) Ethyl Acetate	4.82	43	1075443	156.378	ug/l	100
38) Carbon Tetrachloride	5.78	117	901344	157.345	ug/l	96

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:11:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1202939	160.675	ug/l	96
40) Benzene	6.14	78	2793611	149.421	ug/l	99
41) Methacrylonitrile	5.03	41	590194	140.741	ug/l	98
42) 1,2-Dichloroethane	6.18	62	960558	148.652	ug/l	100
43) Isopropyl Acetate	6.43	43	1768986	157.227	ug/l	100
44) Trichloroethene	7.21	130	770584	145.237	ug/l	96
45) 1,2-Dichloropropane	7.51	63	734962	153.238	ug/l	100
46) Dibromomethane	7.65	93	471947	151.667	ug/l	99
47) Bromodichloromethane	7.89	83	965257	159.540	ug/l	98
48) Methyl methacrylate	7.76	41	889015	167.191	ug/l	98
49) 1,4-Dioxane	7.73	88	328380	2832.083	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	5597342	788.667	ug/l	99
52) Toluene	8.78	92	1764577	154.387	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1124799	175.728	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	1218594	172.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	724172	154.829	ug/l	99
56) Ethyl methacrylate	9.17	69	1236063	180.509	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1218973	151.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1989746	862.402	ug/l	99
59) 2-Hexanone	9.49	43	4445780	811.266	ug/l	98
60) Dibromochloromethane	9.58	129	793812	164.300	ug/l	100
61) 1,2-Dibromoethane	9.67	107	759076	153.224	ug/l	99
64) Tetrachloroethene	9.33	164	880110	145.707	ug/l	97
65) Chlorobenzene	10.14	112	1938485	149.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	727999	152.410	ug/l	99
67) Ethyl Benzene	10.25	91	3405684	154.279	ug/l	99
68) m/p-Xylenes	10.35	106	2664203	320.712	ug/l	97
69) o-Xylene	10.70	106	1279451	159.364	ug/l	99
70) Styrene	10.71	104	2263595	170.056	ug/l	100
71) Bromoform	10.85	173	656293	177.597	ug/l #	99
73) Isopropylbenzene	11.01	105	3373252	148.564	ug/l	100
74) N-amyl acetate	10.89	43	1662455	171.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1153752	141.139	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1086818m	143.910	ug/l	
77) Bromobenzene	11.25	156	904256	148.179	ug/l	98
78) n-propylbenzene	11.35	91	3912639	152.471	ug/l	99
79) 2-Chlorotoluene	11.42	91	2288547	146.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	2919469	156.245	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	443836	173.711	ug/l	95
82) 4-Chlorotoluene	11.51	91	2733182	155.067	ug/l	100
83) tert-Butylbenzene	11.77	119	2742043	156.154	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	2928839	156.277	ug/l	100
85) sec-Butylbenzene	11.94	105	3380625	157.362	ug/l	99
86) p-Isopropyltoluene	12.06	119	3159058	159.490	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1624698	148.136	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1609883	146.224	ug/l	99
89) n-Butylbenzene	12.39	91	2913108	171.003	ug/l	100
90) Hexachloroethane	12.59	117	591309	160.987	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1617823	148.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	261041	150.131	ug/l	95

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ClientSampleId :
VSTDICC150

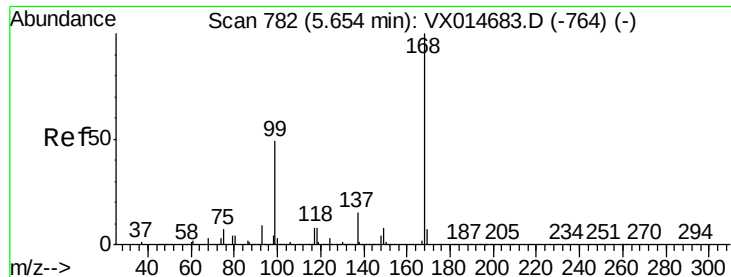
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:11:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1159814	168.979	ug/l	98
94) Hexachlorobutadiene	13.77	225	543046	150.657	ug/l	95
95) Naphthalene	13.83	128	3417526	174.026	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1139803	163.199	ug/l	98

(#) = 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. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 420869

Ion Ratio Lower Upper

168 100

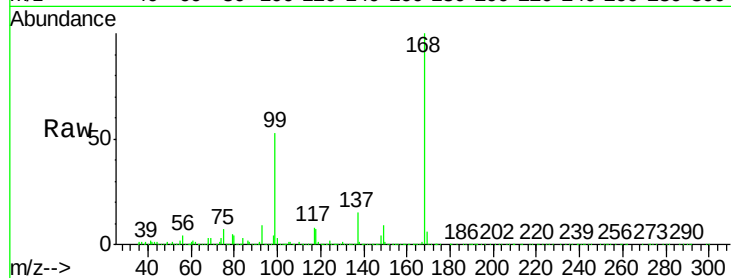
99 52.4 39.8 59.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

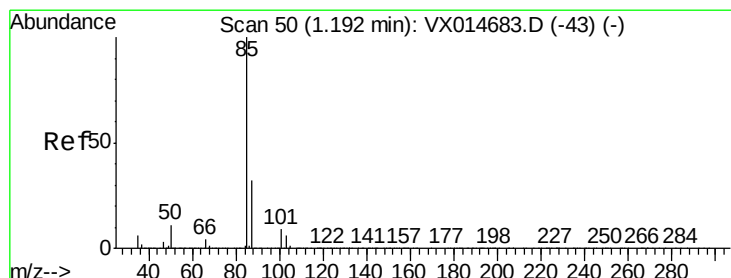
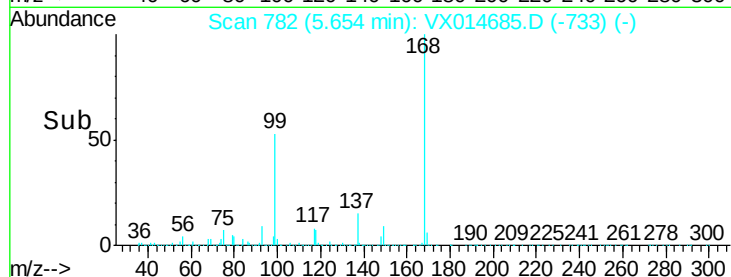
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 175.228 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014685.D

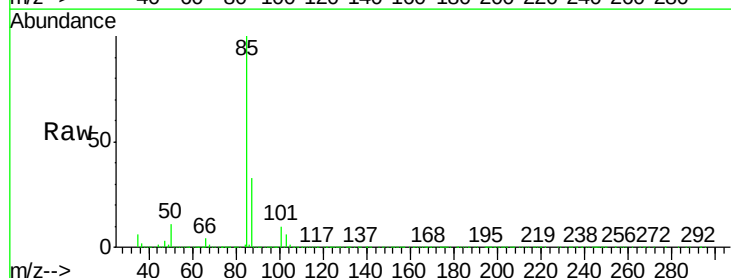
Acq: 22 Jan 2020 12:13

Tgt Ion: 85 Resp: 857962

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800000

600000

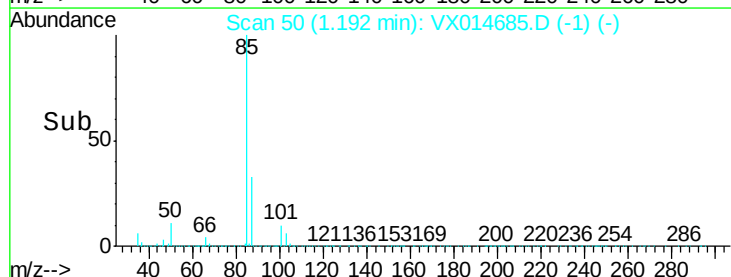
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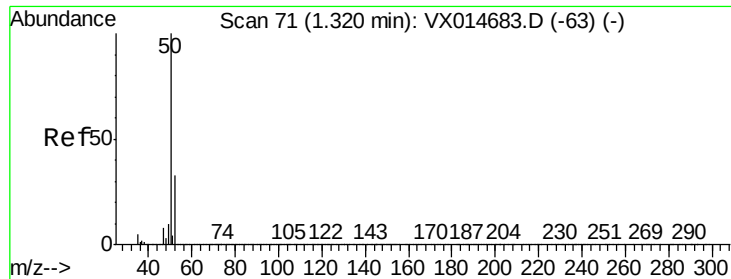
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1.10 1.15 1.20 1.25 1.30

Time-->





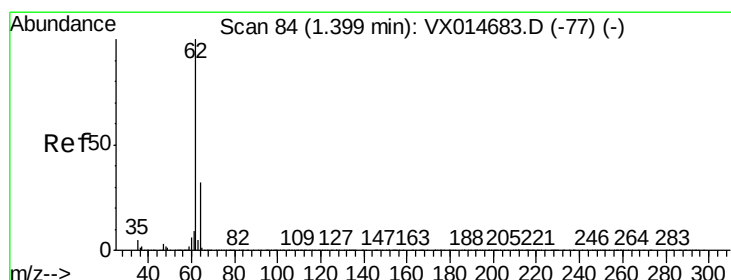
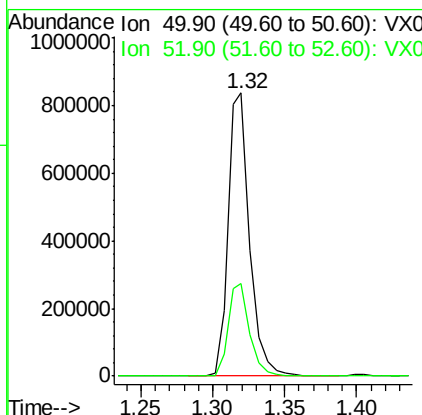
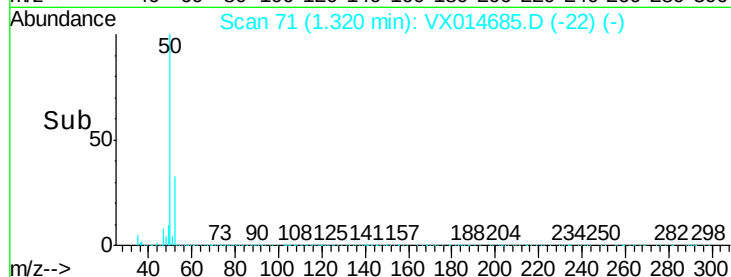
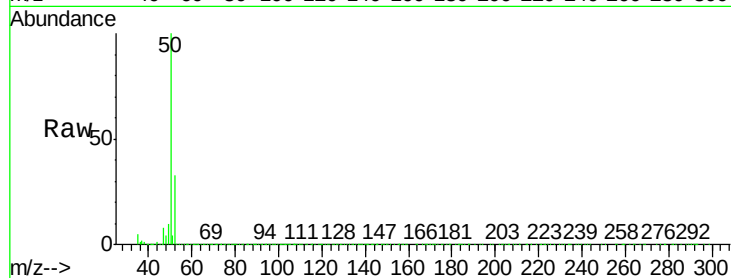
#3
Chloromethane
Concen: 156.249 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.2	39.2

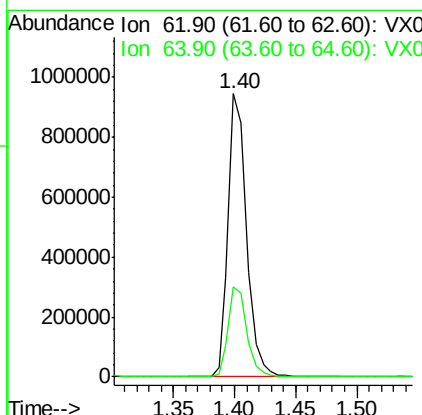
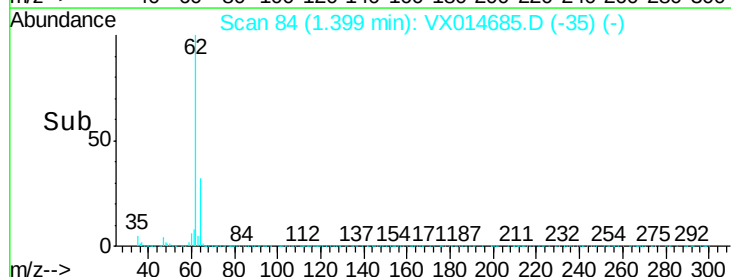
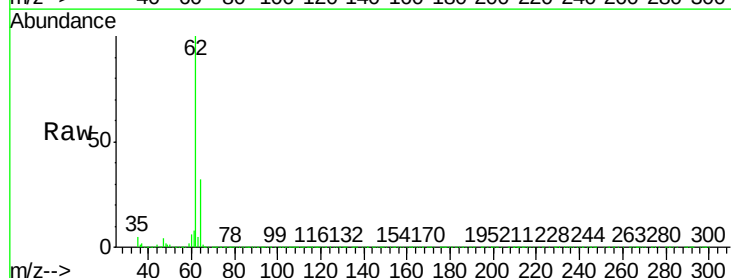
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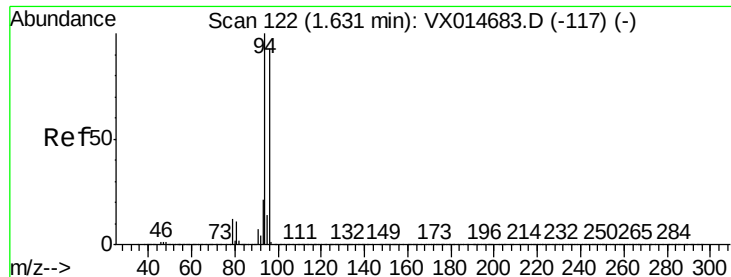
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#4
Vinyl Chloride
Concen: 161.795 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.4	38.2





#5

Bromomethane

Concen: 166.532 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 681329

Ion Ratio Lower Upper

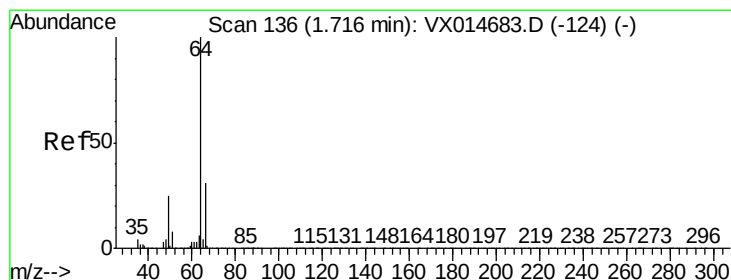
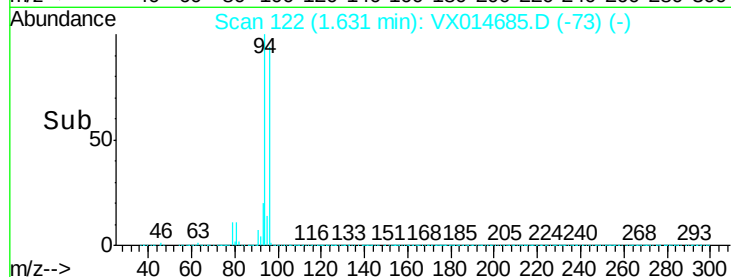
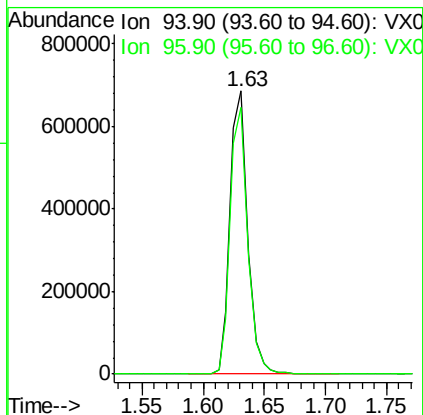
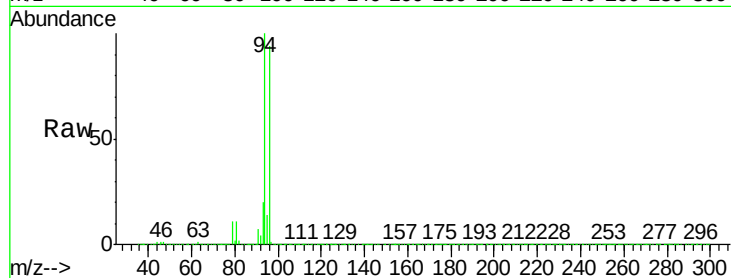
94 100

96 94.2 74.7 112.1

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#6

Chloroethane

Concen: 132.049 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX014685.D

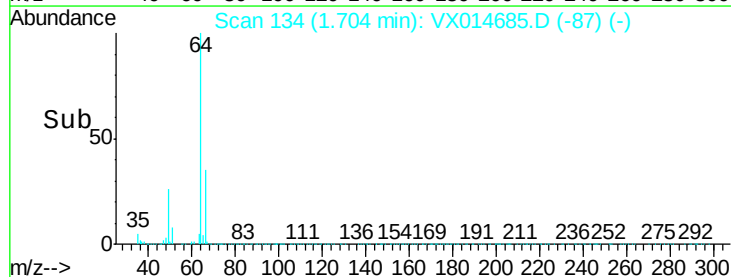
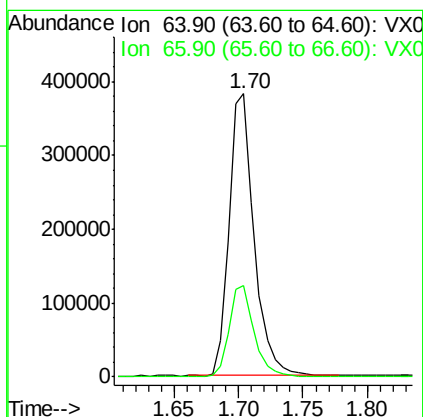
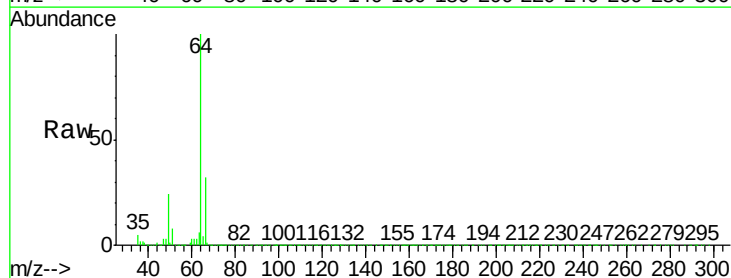
Acq: 22 Jan 2020 12:13

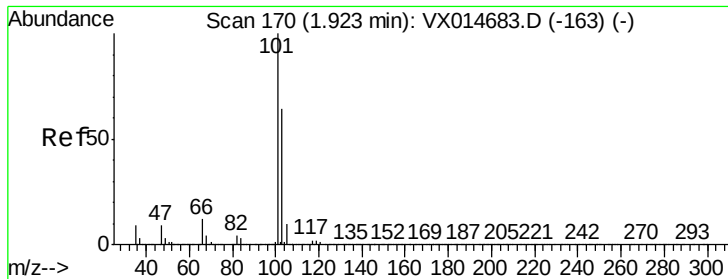
Tgt Ion: 64 Resp: 518886

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

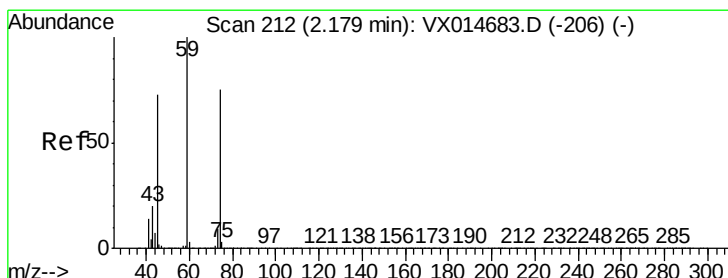
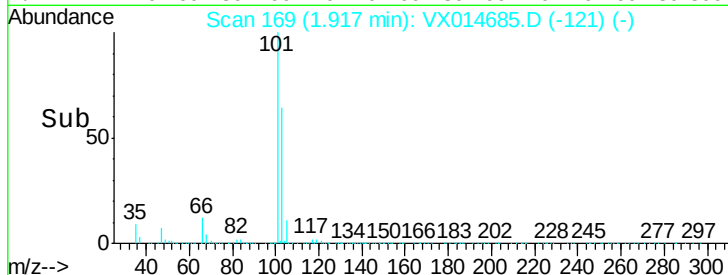
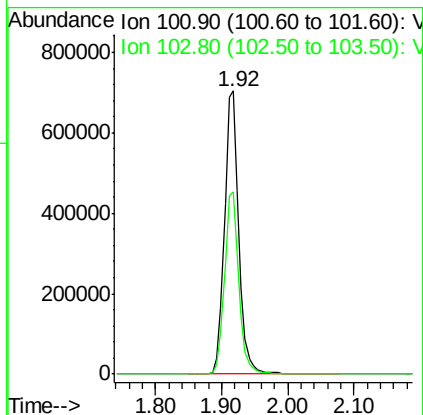
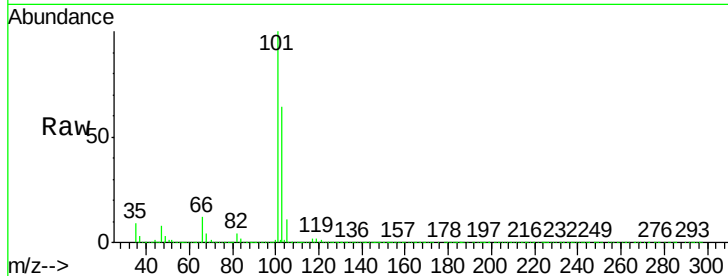
Trichlorofluoromethane
Concen: 146.688 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1055360
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

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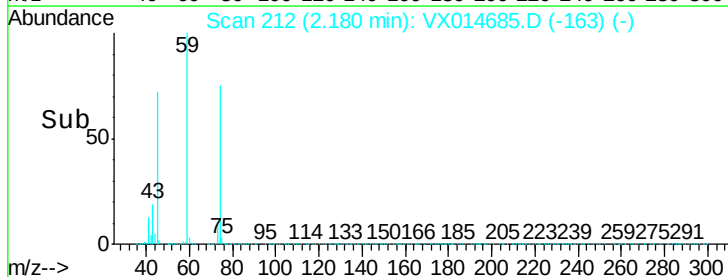
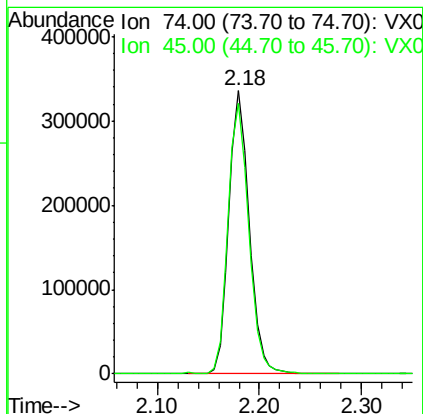
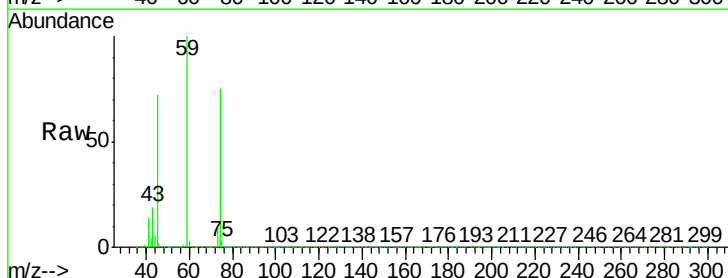
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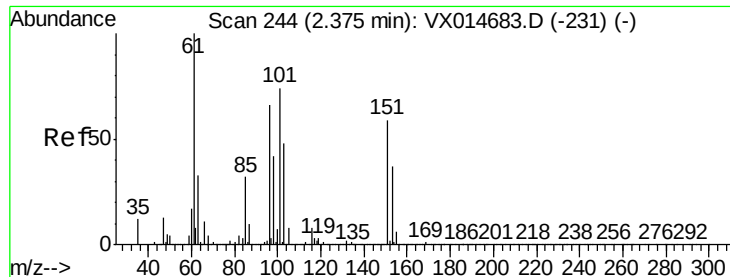


#8

Diethyl Ether
Concen: 147.636 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion: 74 Resp: 463132
Ion Ratio Lower Upper
74 100
45 97.3 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.721 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

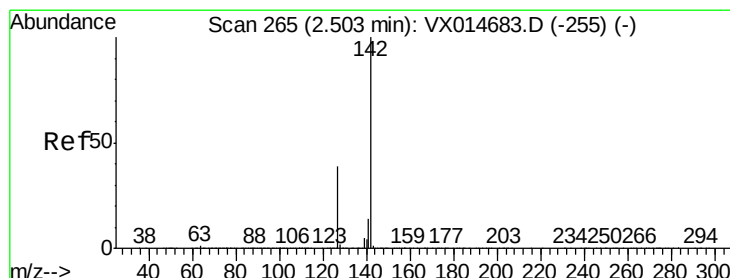
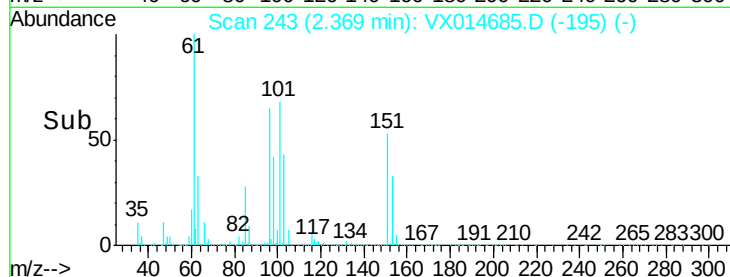
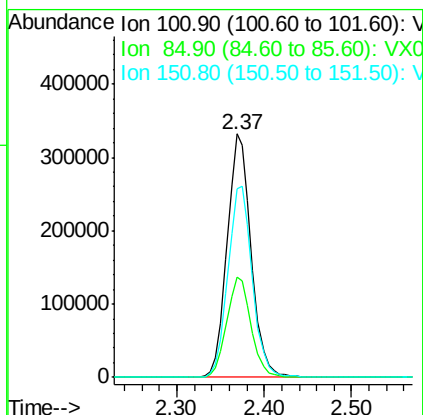
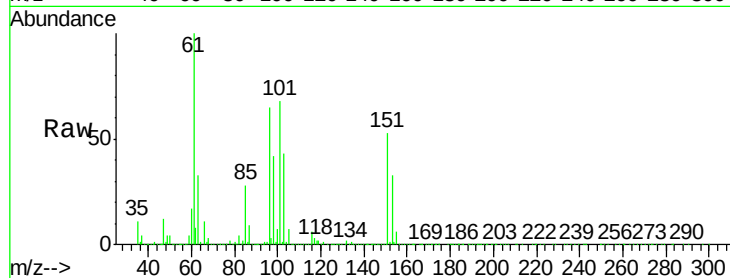
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	630219
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.7	52.1
151	80.3	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 159.808 ug/l

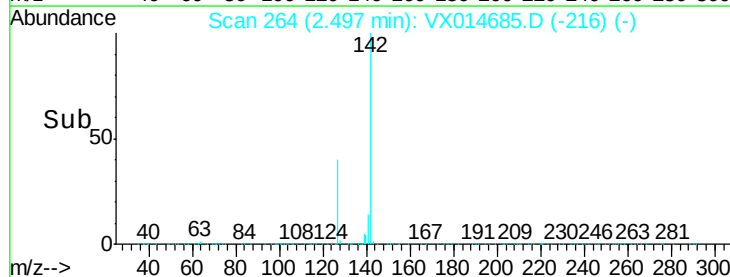
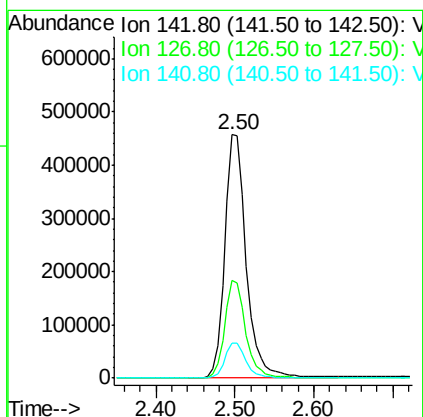
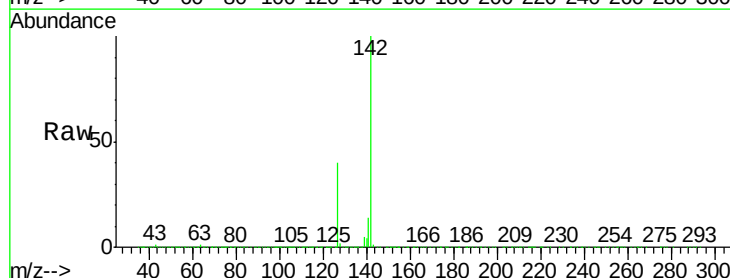
RT: 2.50 min Scan# 264

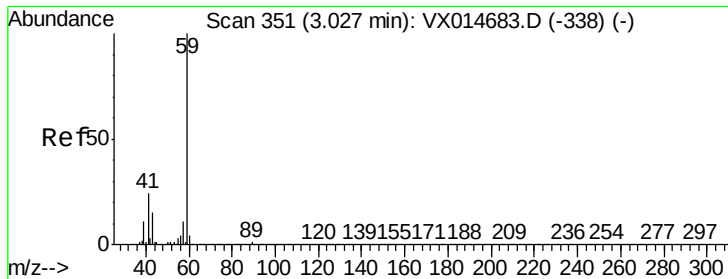
Delta R.T. -0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion:	142	Resp:	870996
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.1	46.7
141	14.4	11.3	16.9





#11

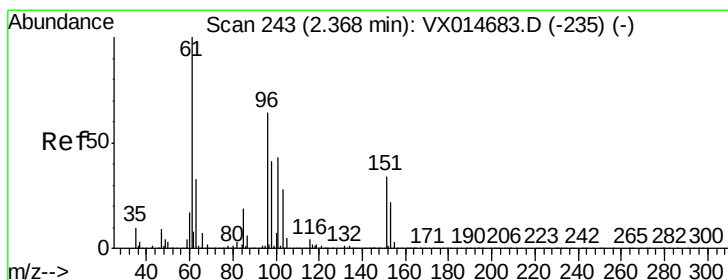
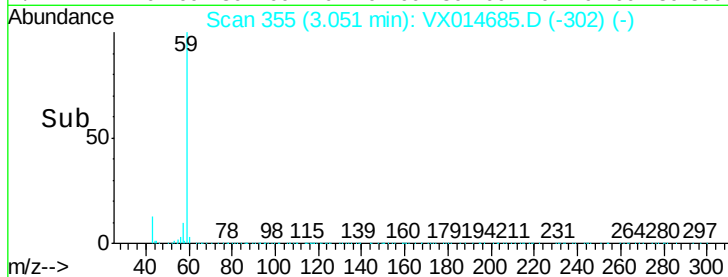
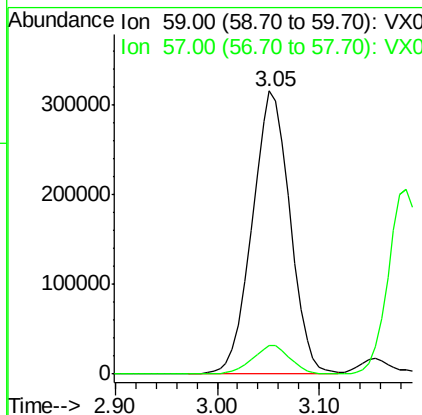
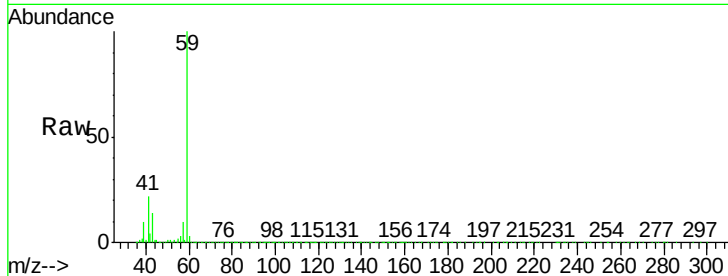
Tert butyl alcohol
Concen: 732.689 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Manual Integrations
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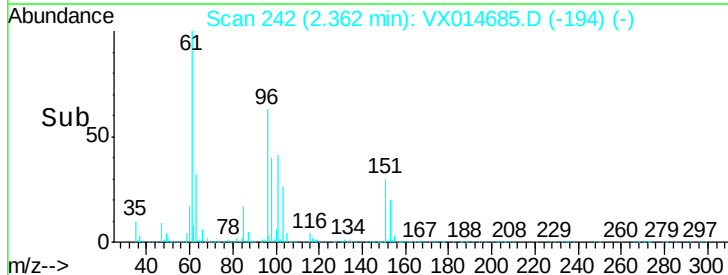
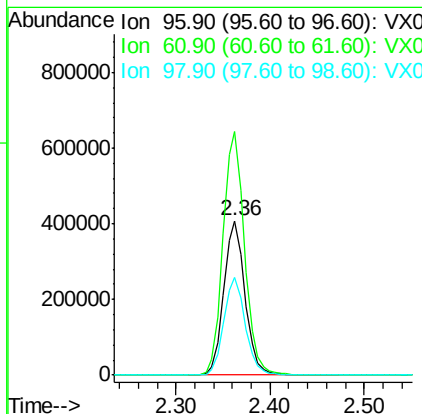
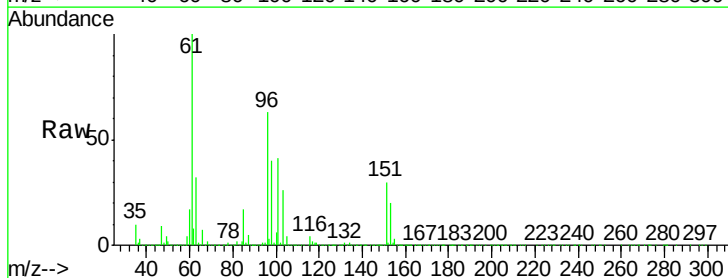
MMDadoda
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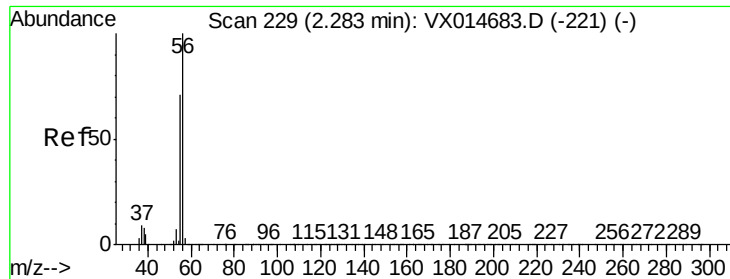


#12

1,1-Dichloroethene
Concen: 152.295 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	125.8	188.8
98	63.2	51.5	77.3





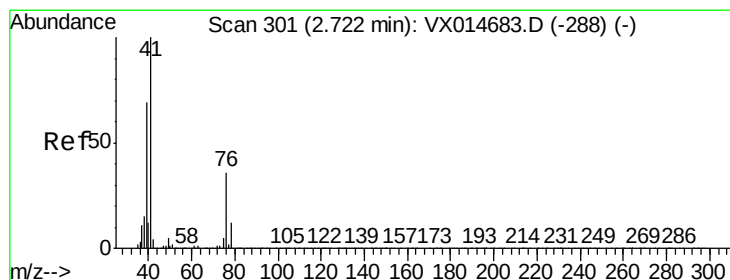
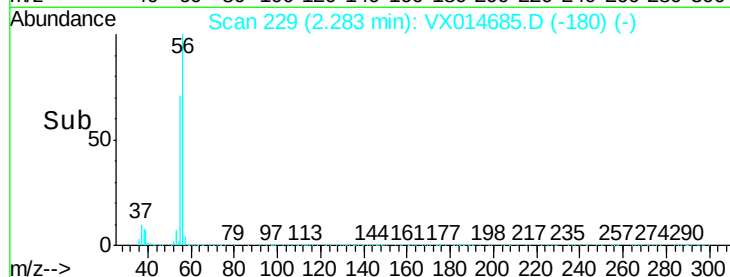
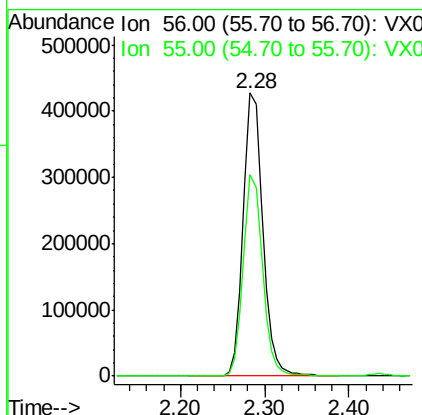
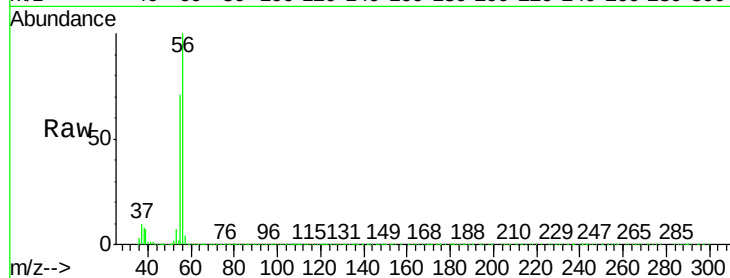
#13
Acrolein
Concen: 770.261 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.6	84.8

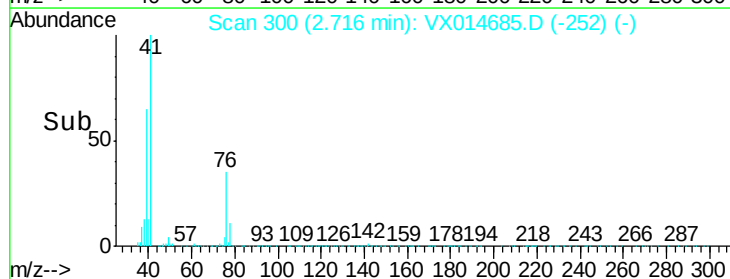
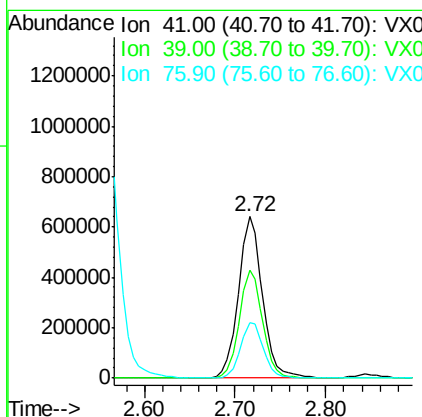
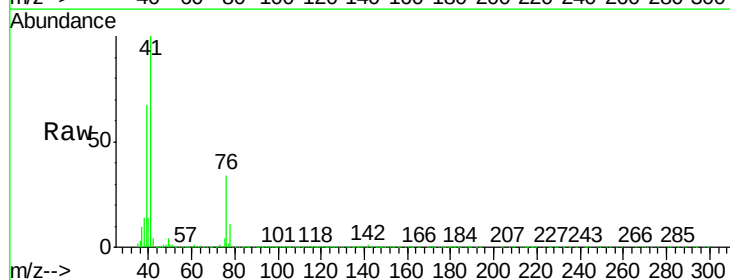
Manual Integrations
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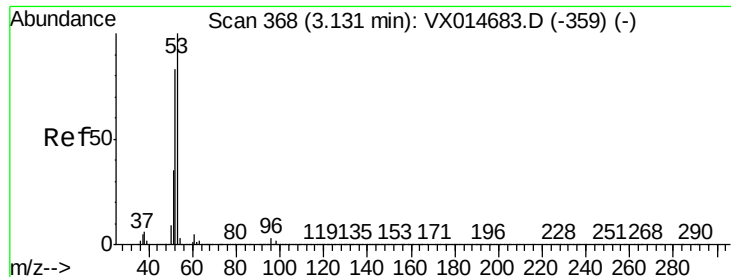
MMDadoda
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#14
Allyl chloride
Concen: 158.060 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	52.0	78.0
76	33.0	26.0	39.0





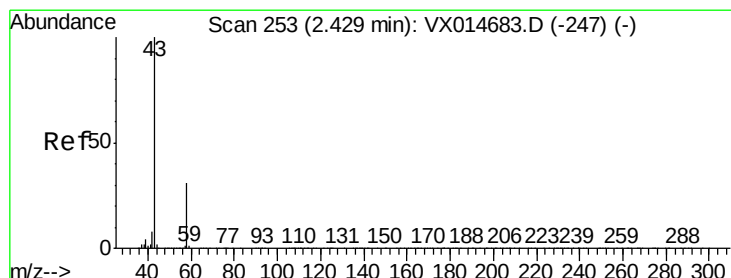
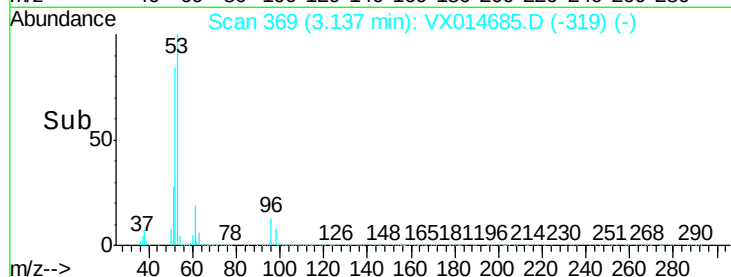
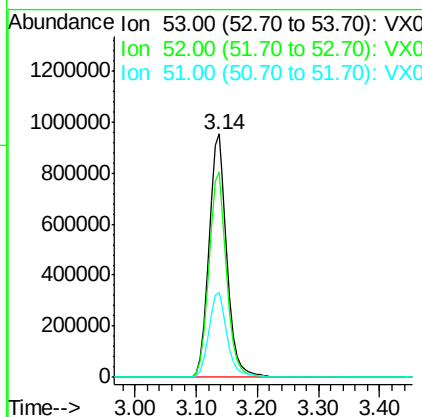
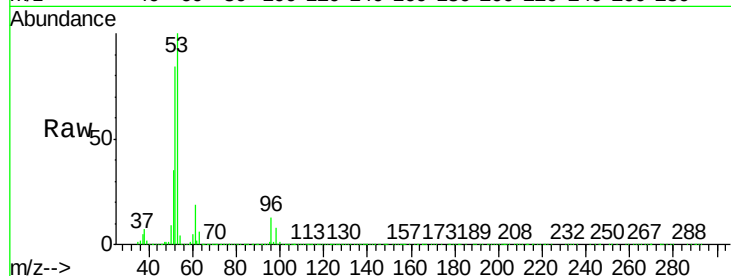
#15
 Acrylonitrile
 Concen: 772.054 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	35.6	28.7	43.1

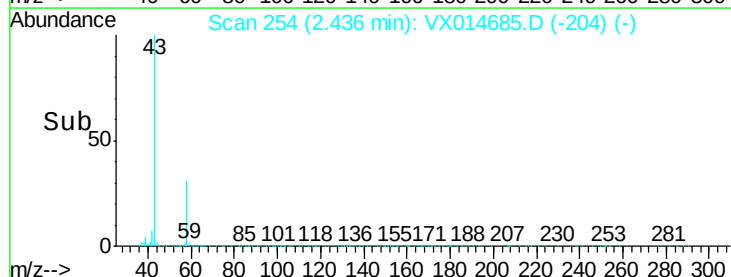
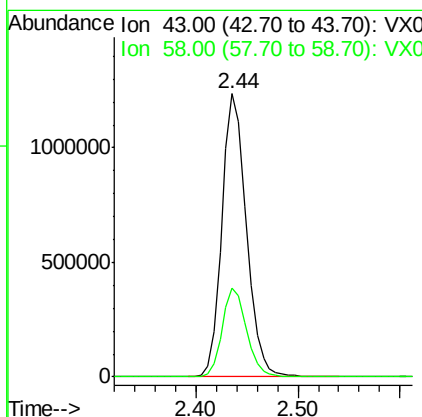
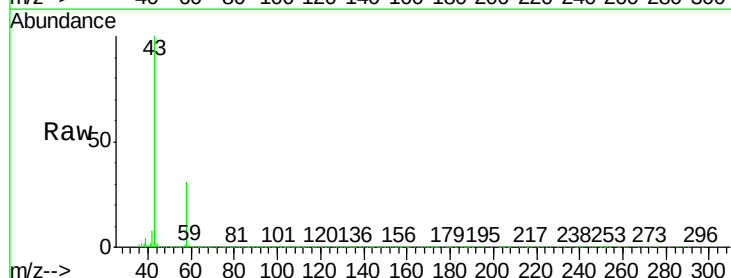
Manual Integrations
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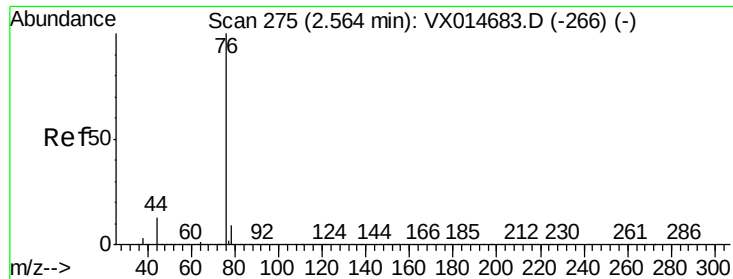
MMDadoda
 1/24/2020 1:39:16 PM



#16
 Acetone
 Concen: 692.734 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.5	36.7





#17

Carbon Disulfide

Concen: 159.018 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 1800305

Ion Ratio Lower Upper

76 100

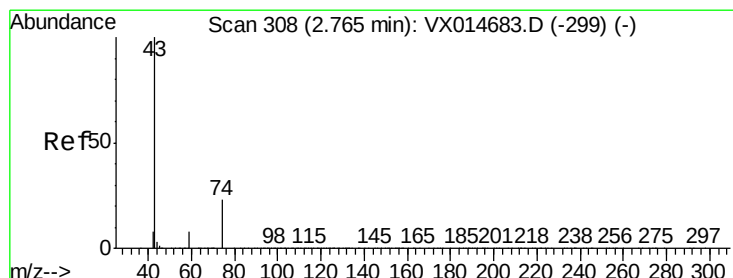
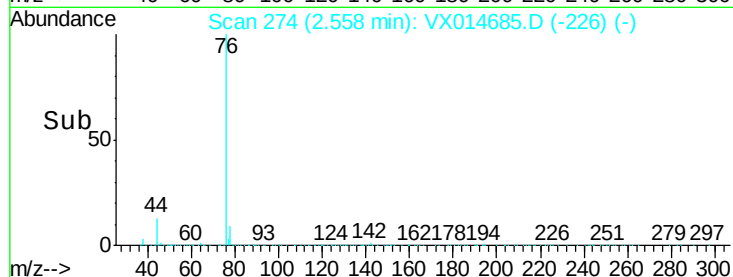
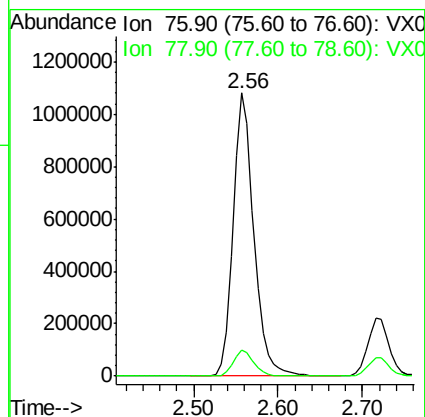
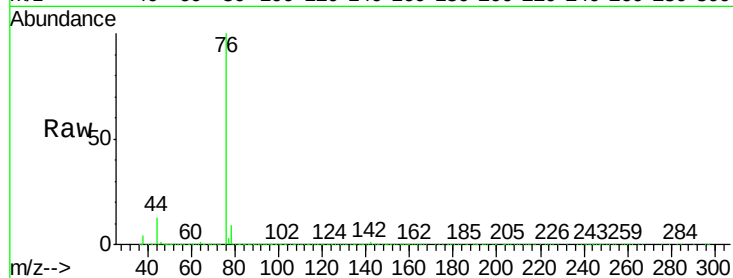
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 158.148 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014685.D

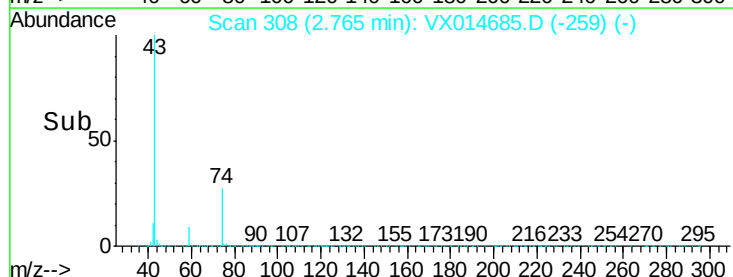
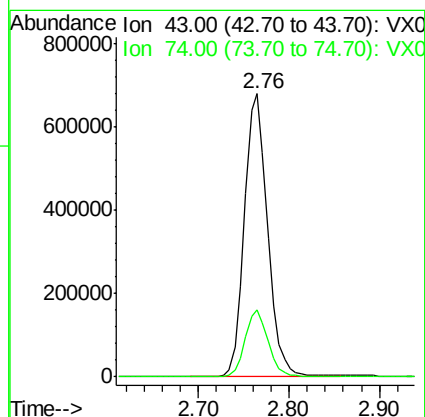
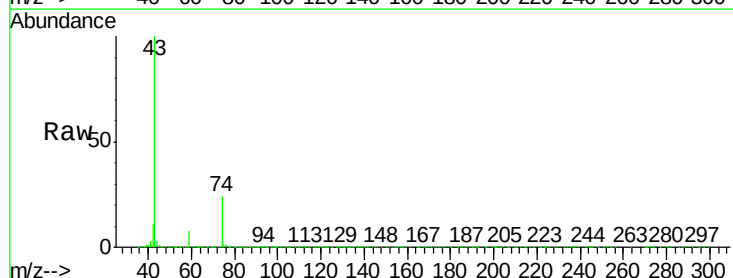
Acq: 22 Jan 2020 12:13

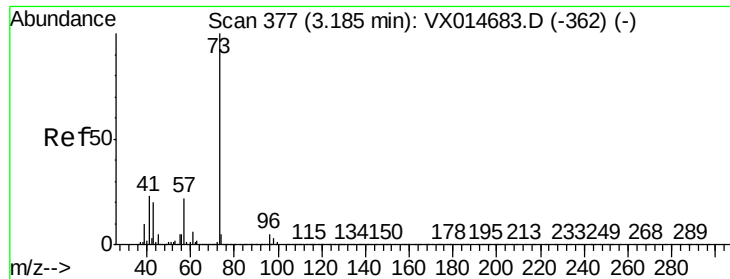
Tgt Ion: 43 Resp: 1205047

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7





#19

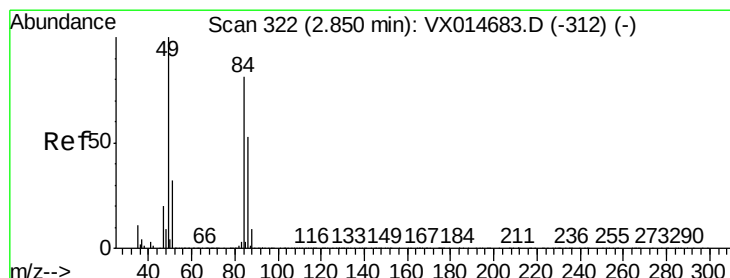
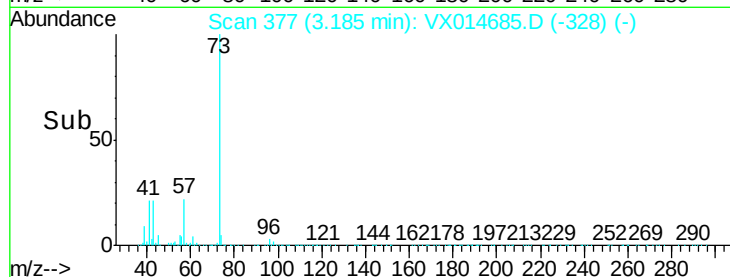
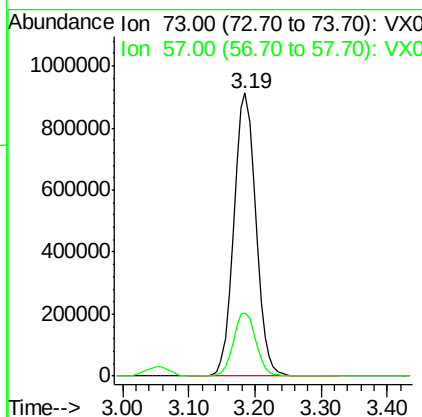
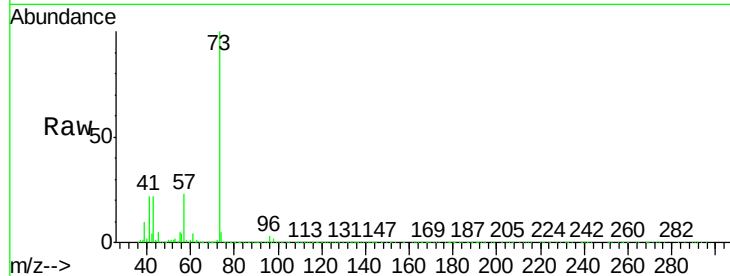
Methyl tert-butyl Ether
 Concen: 154.166 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 2102914
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.0 27.0

Manual Integrations
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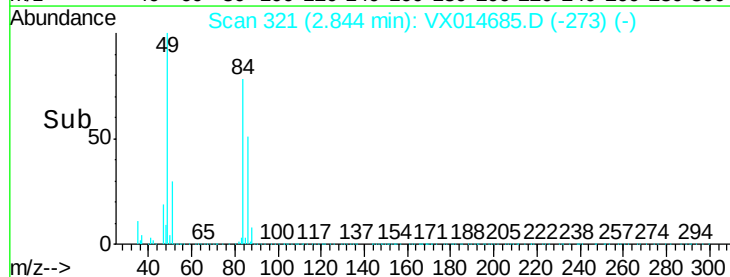
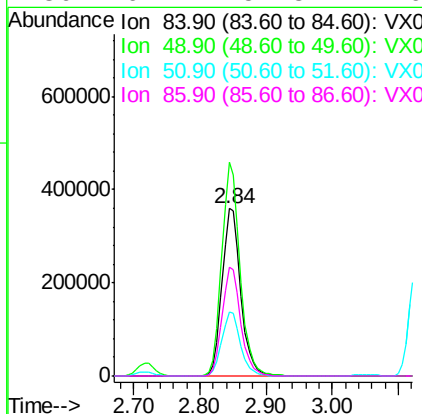
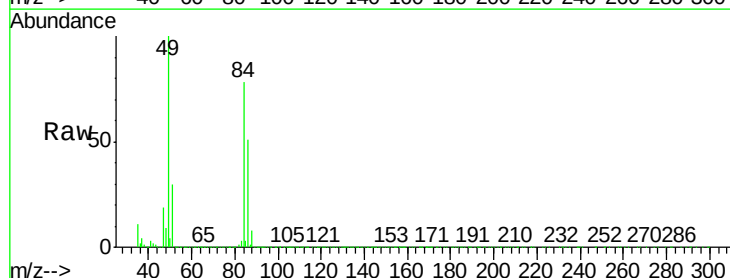
MMDadoda
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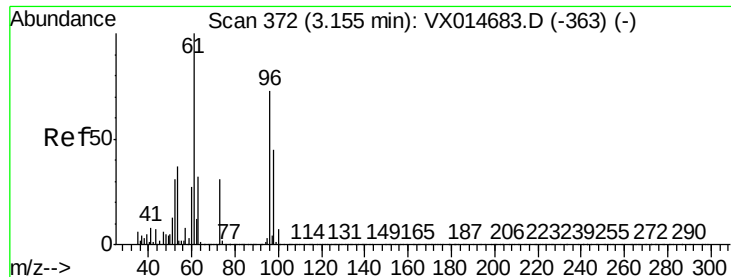


#20

Methylene Chloride
 Concen: 139.813 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion: 84 Resp: 704842
 Ion Ratio Lower Upper
 84 100
 49 127.5 98.2 147.4
 51 38.1 31.3 46.9
 86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 147.779 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

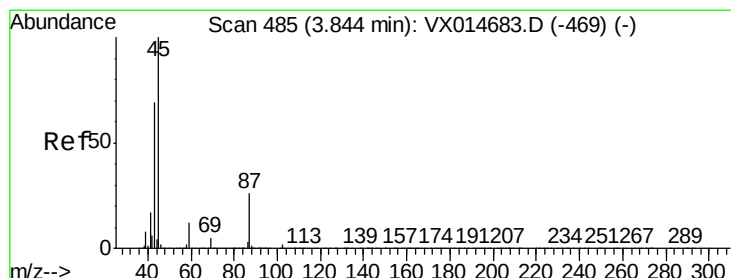
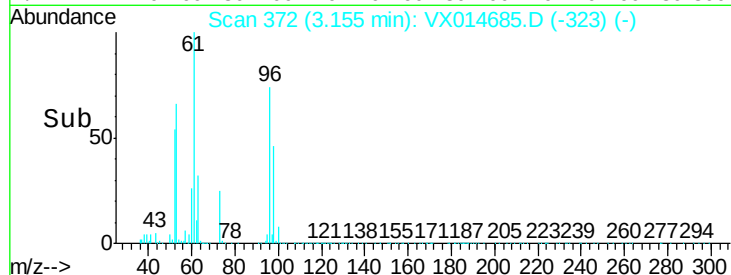
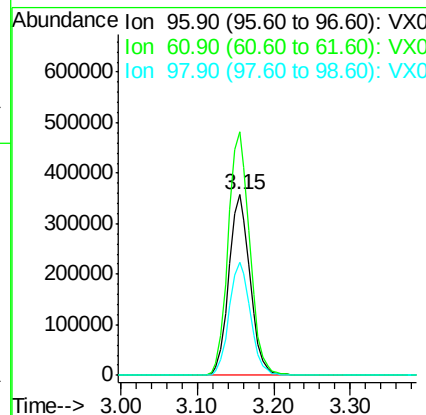
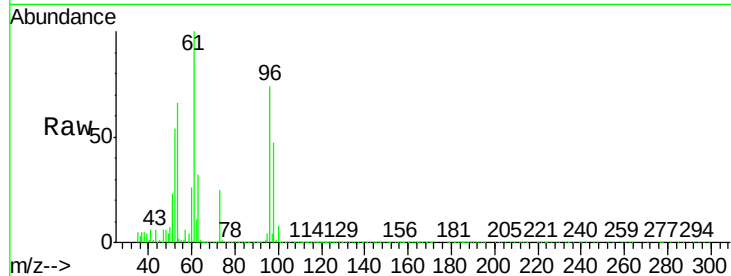
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	682448
Ion	Ratio	Lower	Upper
96	100		
61	134.8	109.8	164.6
98	62.7	49.6	74.4

Manual Integrations
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1/24/2020 1:39:16 PM



#22

Diisopropyl ether

Concen: 153.381 ug/l

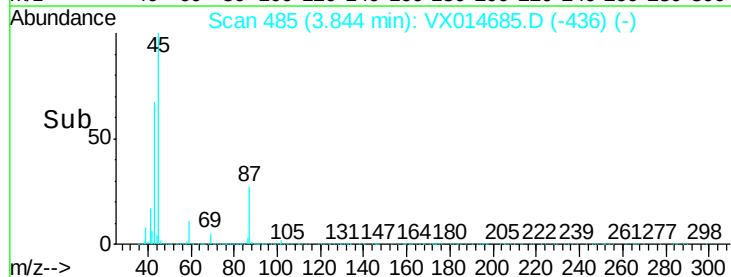
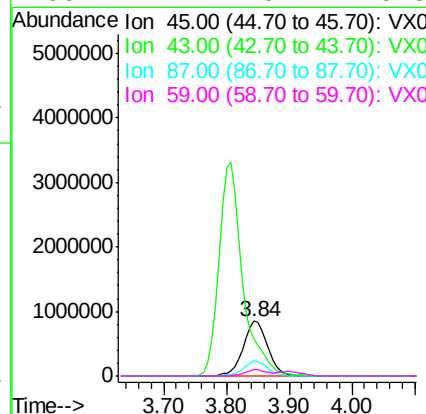
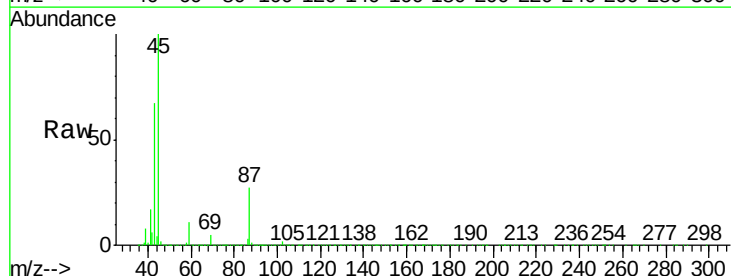
RT: 3.84 min Scan# 485

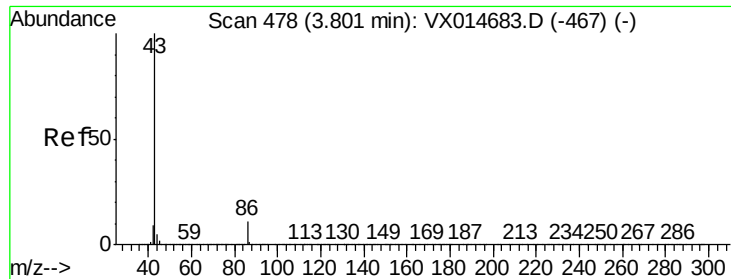
Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion:	45	Resp:	2286242
Ion	Ratio	Lower	Upper
45	100		
43	67.0	55.1	82.7
87	27.1	20.7	31.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 762.021 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tot Ion: 43 Resp: 8667821

Ion Ratio Lower Upper

43 100

86 11.0 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

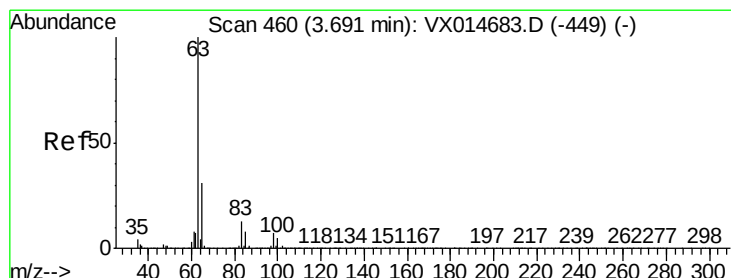
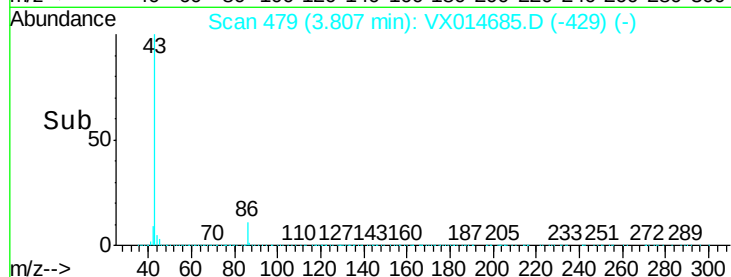
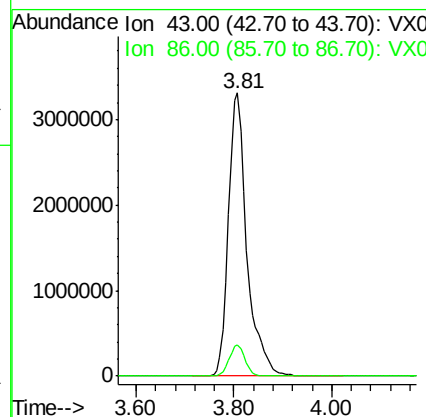
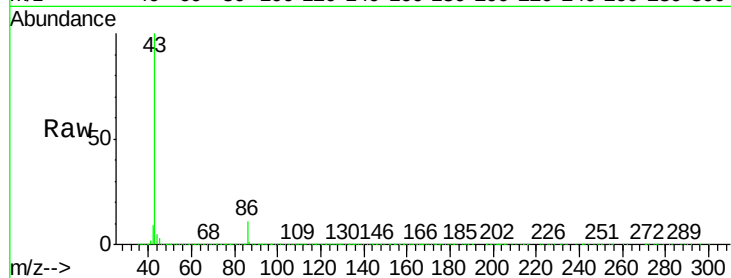
VSTDIC150

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 152.261 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

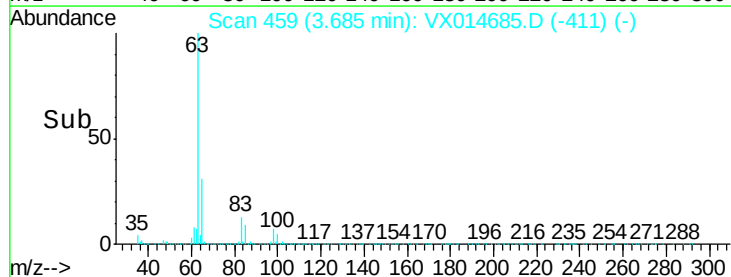
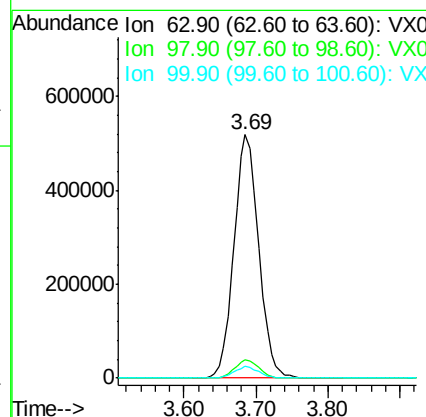
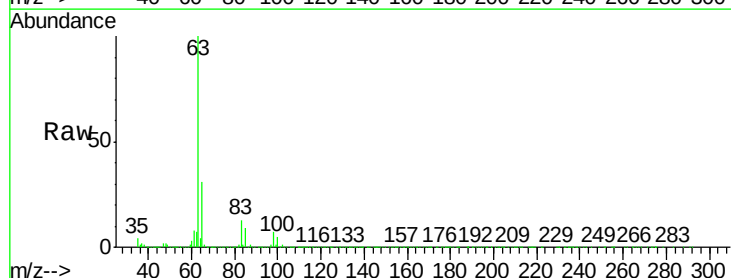
Tgt Ion: 63 Resp: 1234064

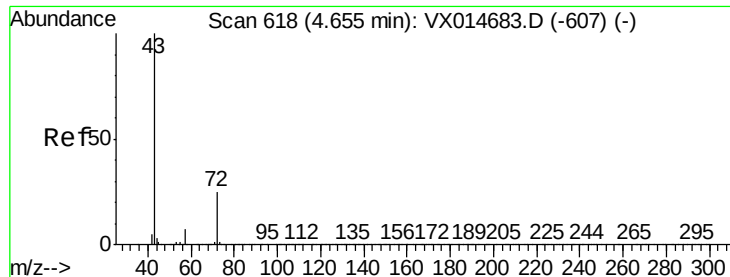
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 768.958 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tot Ion: 43 Resp: 2955172

Ion Ratio Lower Upper

43 100

72 26.0 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

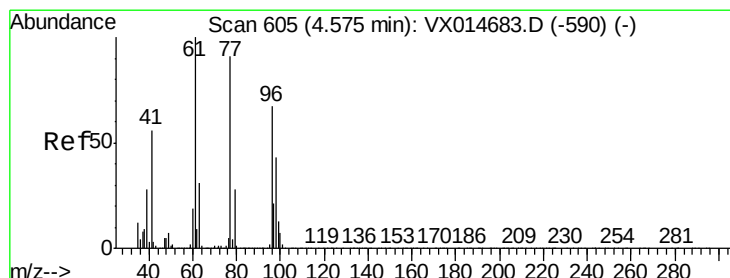
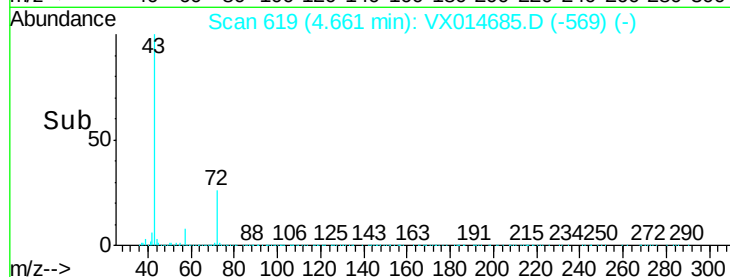
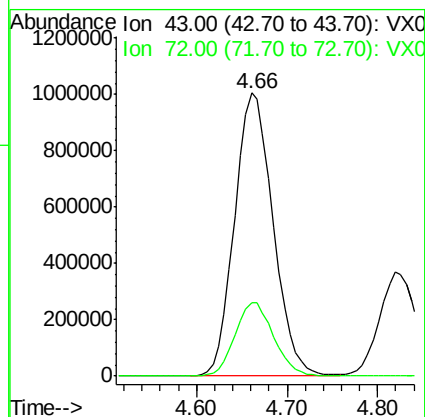
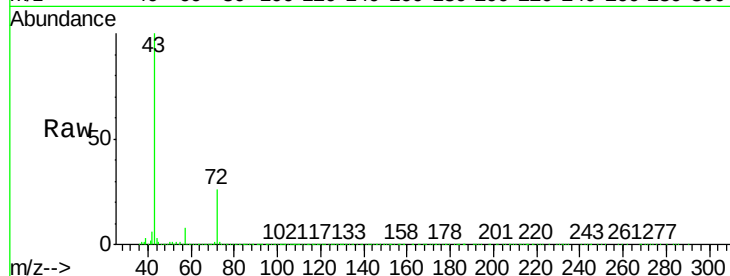
VSTDIC150

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 154.267 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014685.D

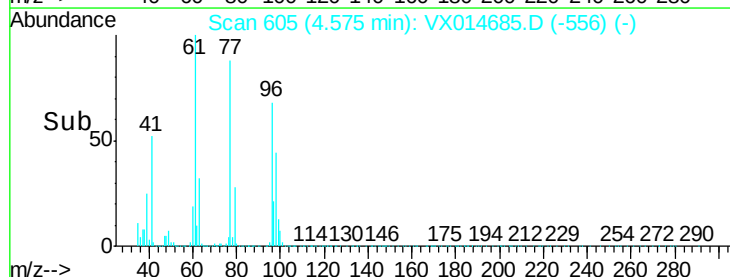
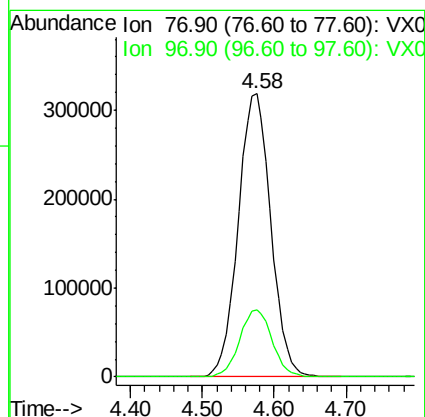
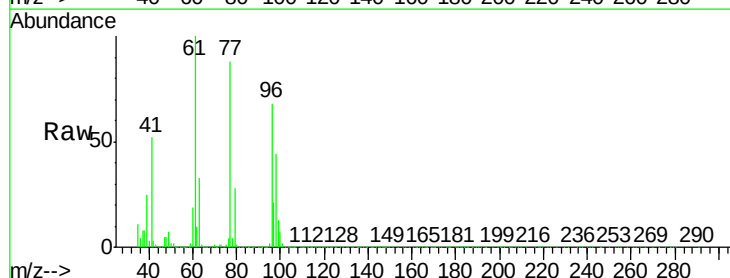
Acq: 22 Jan 2020 12:13

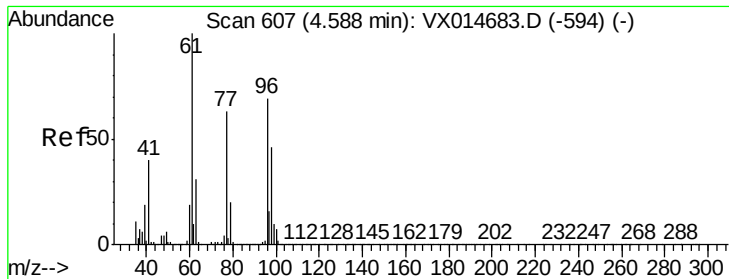
Tgt Ion: 77 Resp: 998566

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 150.181 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014685.D

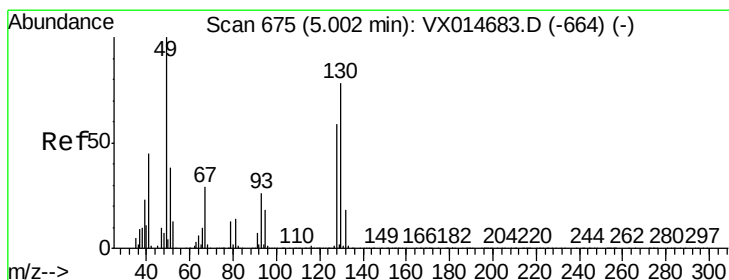
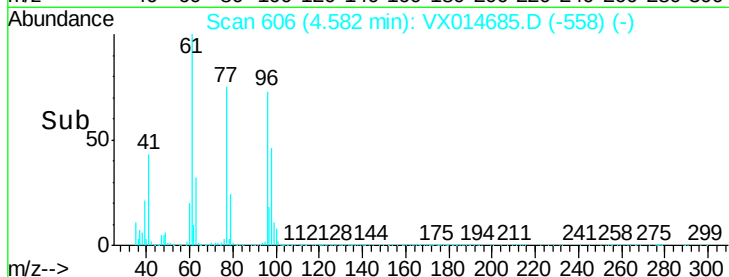
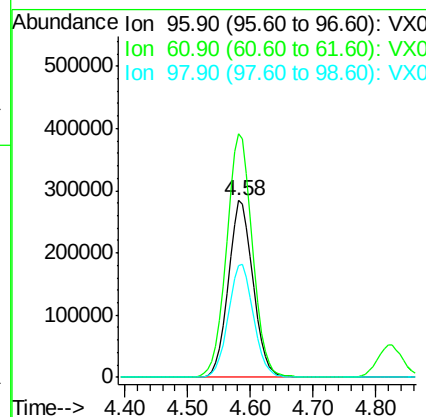
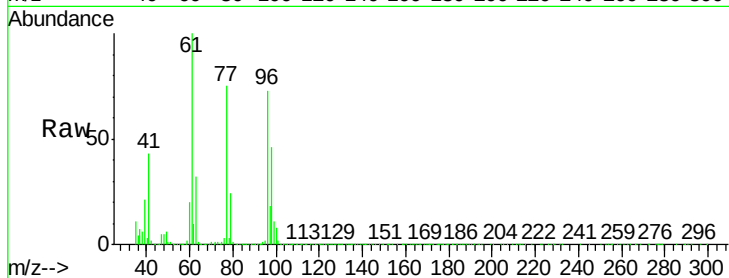
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	291.0
98	65.3	0.0	129.8

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#28

Bromochloromethane

Concen: 138.070 ug/l

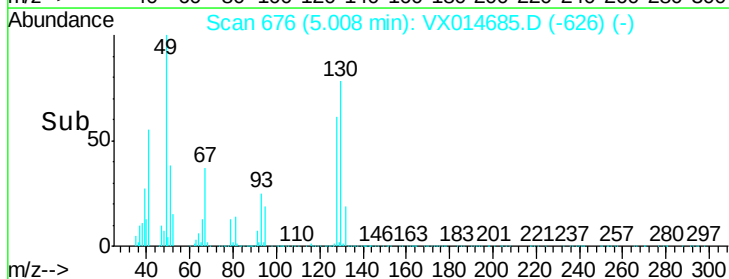
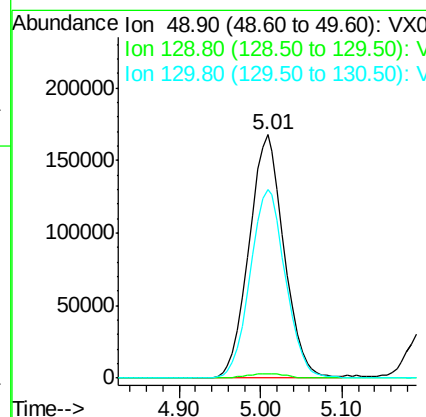
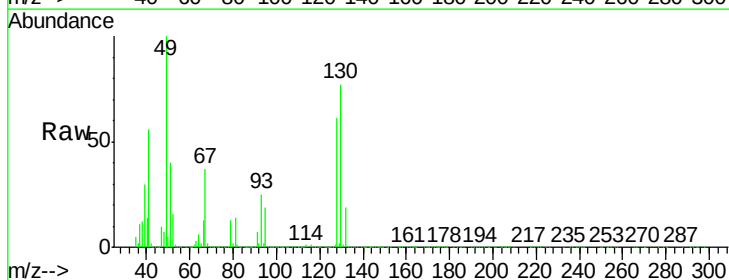
RT: 5.01 min Scan# 676

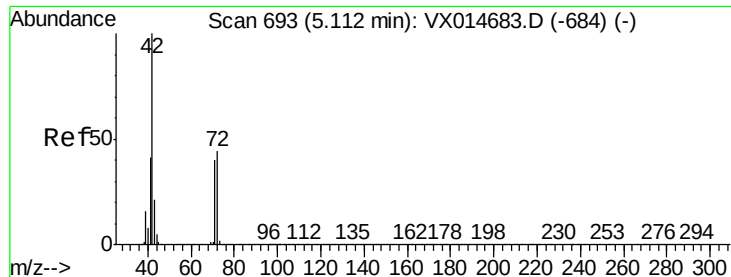
Delta R.T. 0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	78.3	62.4	93.6





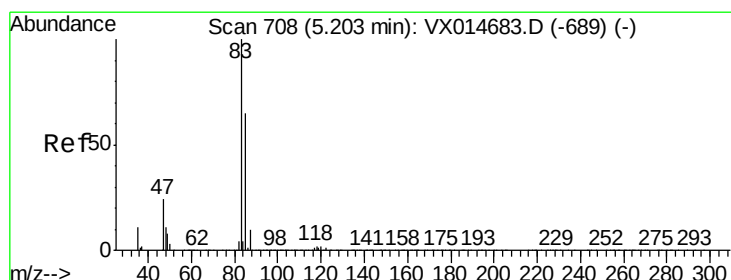
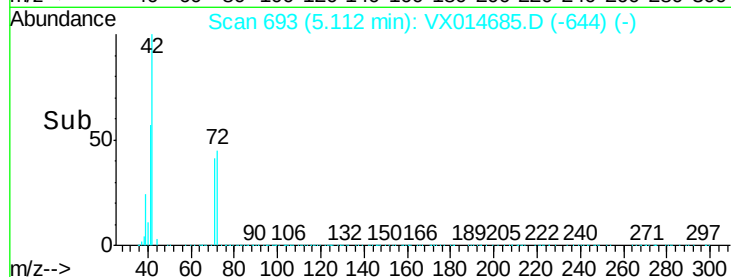
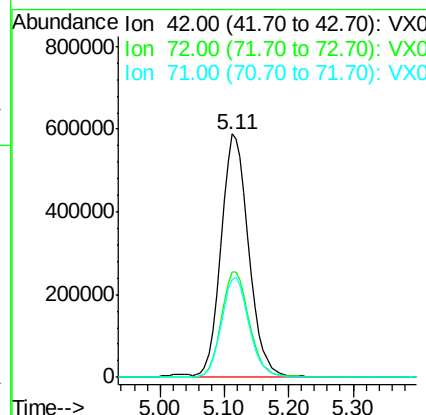
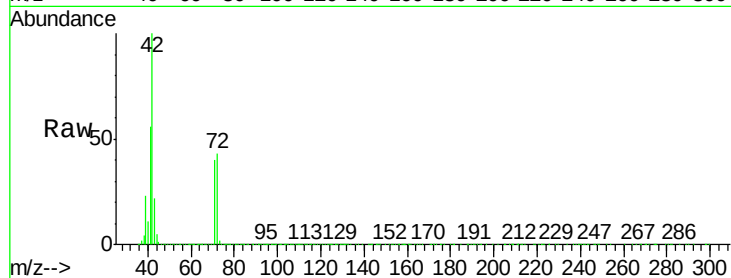
#29
Tetrahydrofuran
Concen: 780.399 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.3	52.9
71	41.0	33.1	49.7

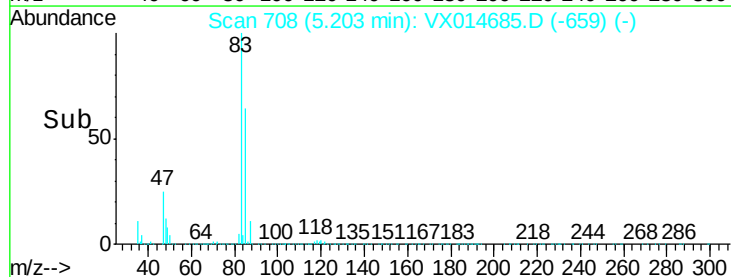
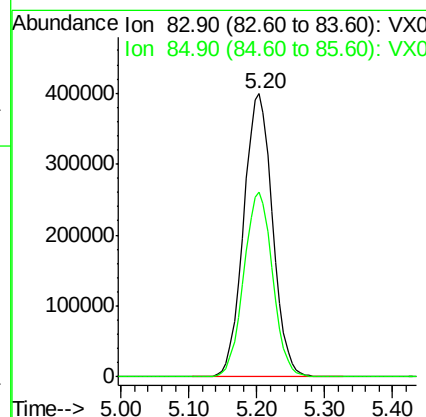
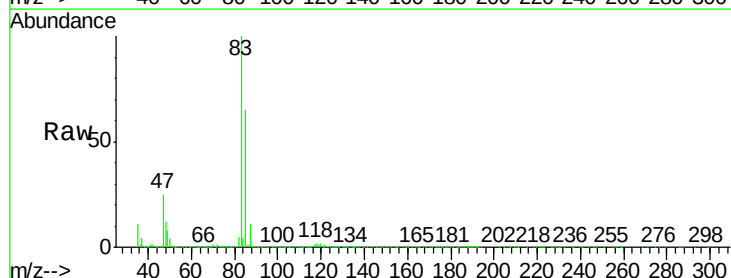
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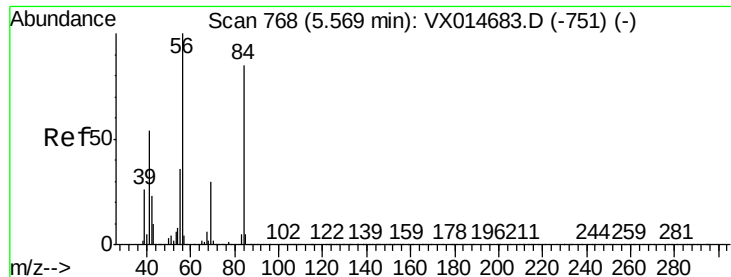
MMDadoda
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#30
Chloroform
Concen: 145.987 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.7	77.5





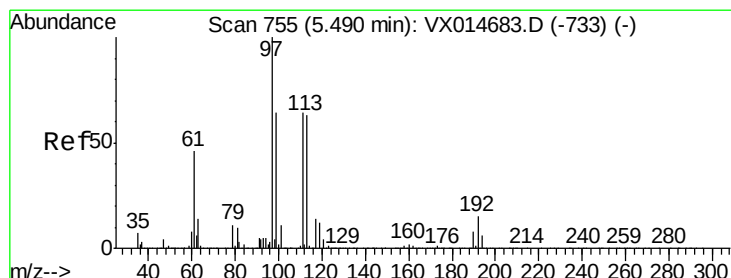
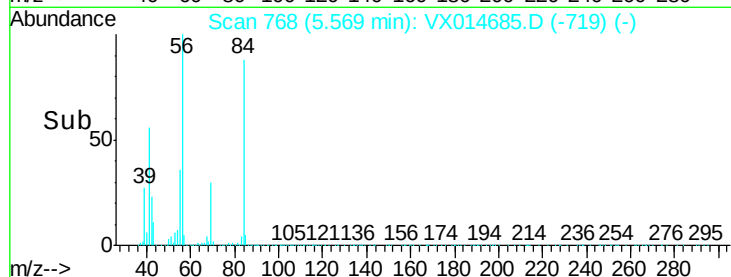
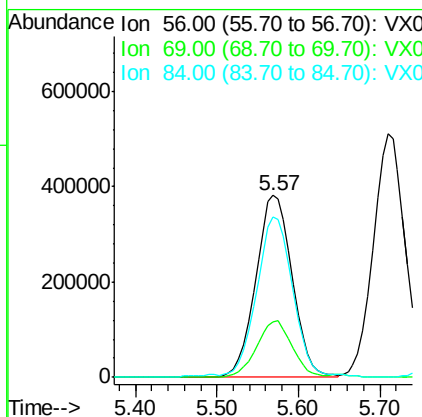
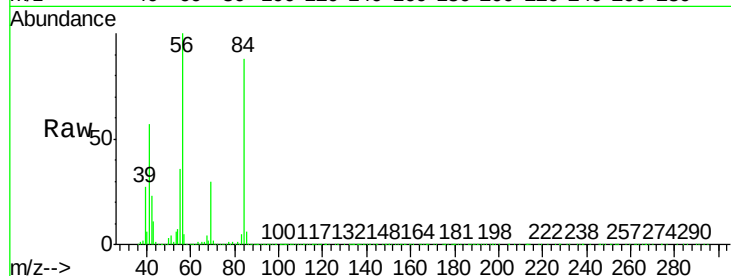
#31
Cyclohexane
Concen: 156.537 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.4	35.2
84	87.6	68.4	102.6

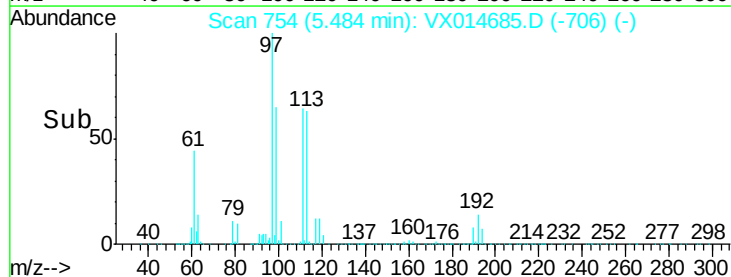
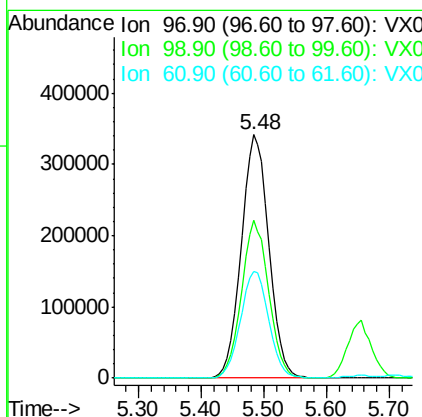
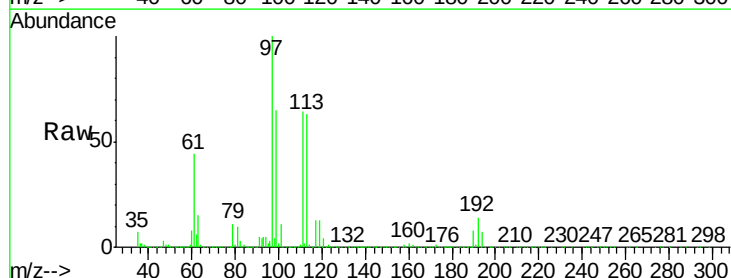
Manual Integrations
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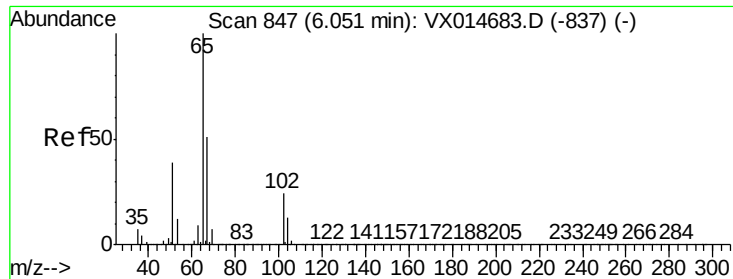
MMDadoda
1/24/2020 1:39:16 PM



#32
1,1,1-Trichloroethane
Concen: 152.795 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.3	78.5
61	45.1	37.2	55.8





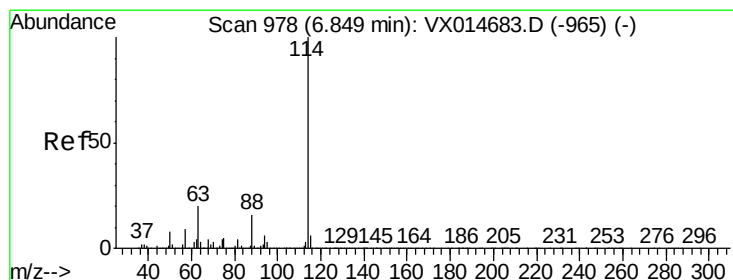
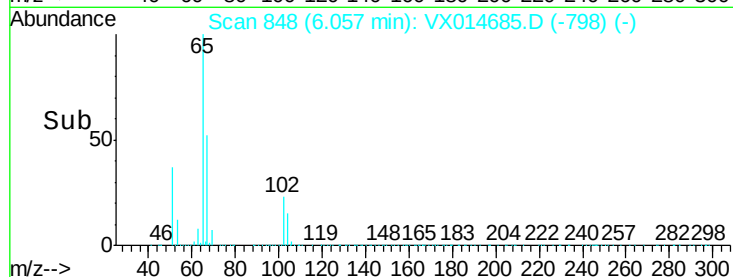
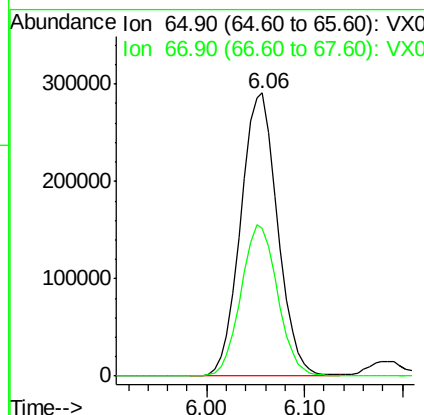
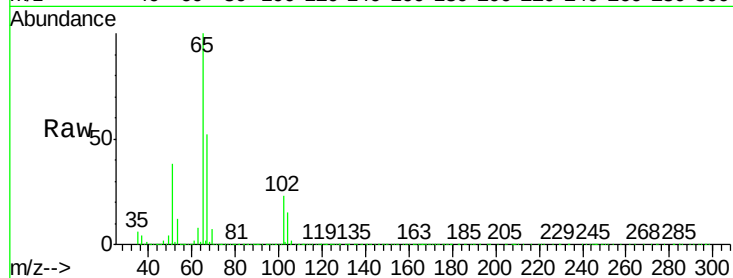
#33
 1,2-Dichloroethane-d4
 Concen: 156.520 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.4

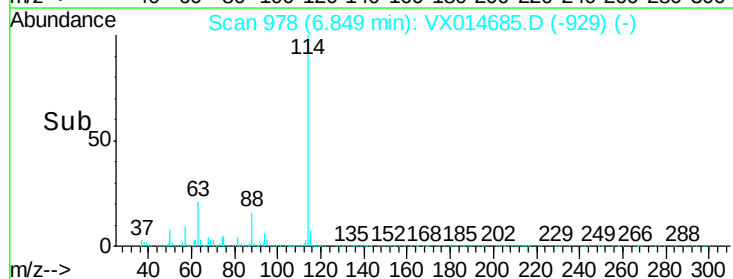
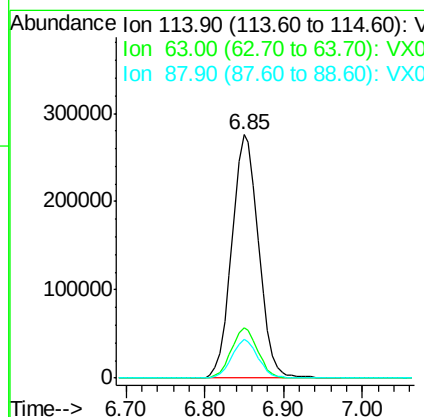
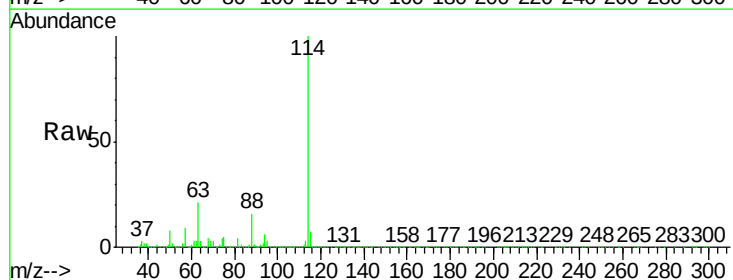
Manual Integrations
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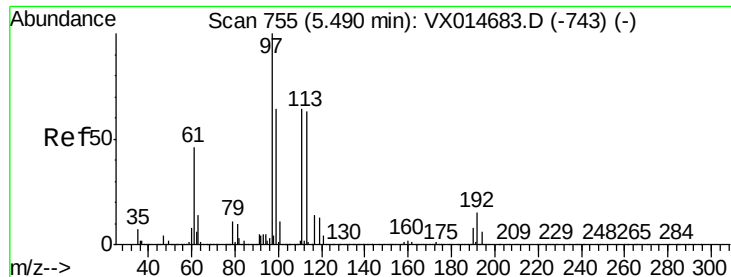
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	16.1	0.0	31.2





#35

Dibromofluoromethane

Concen: 154.466 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

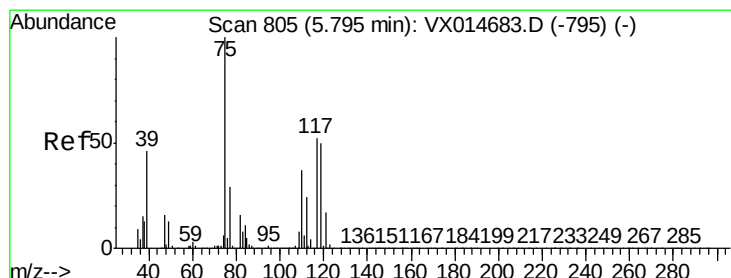
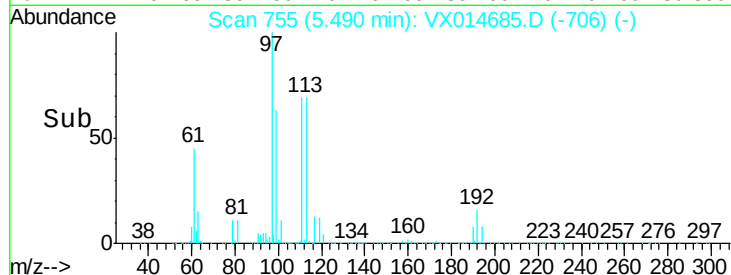
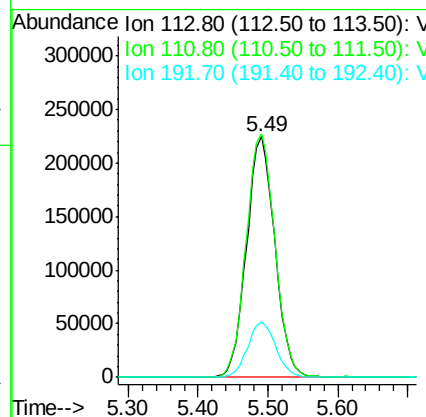
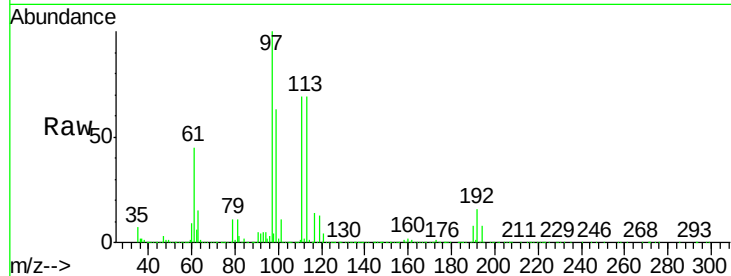
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	630543
Ion Ratio	Lower	Upper	
113	100		
111	103.0	80.7	121.1
192	23.2	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 156.203 ug/l

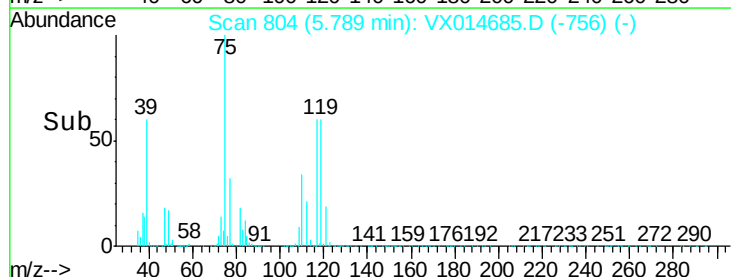
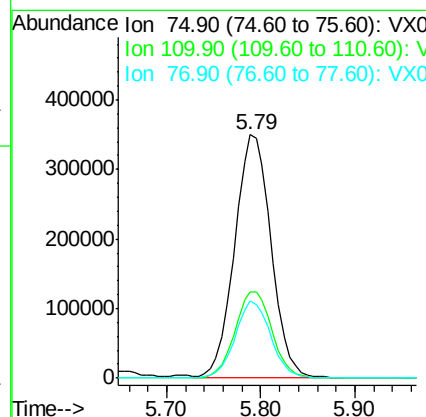
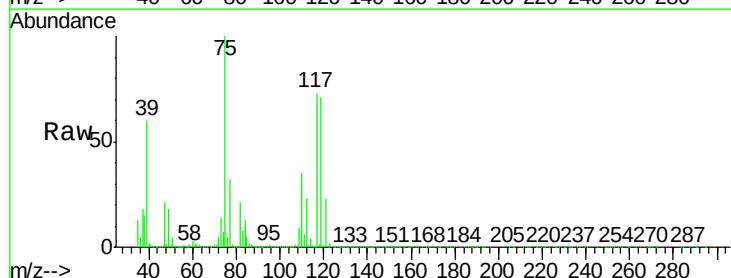
RT: 5.79 min Scan# 804

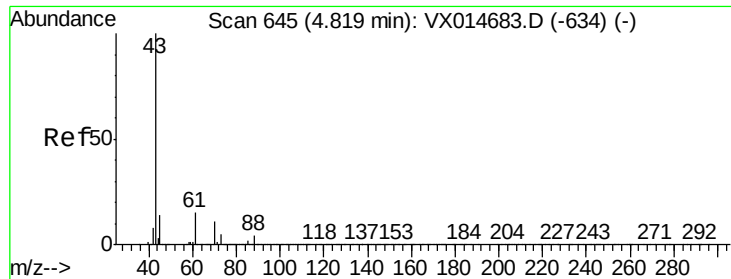
Delta R.T. -0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion:	75	Resp:	938102
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.7
77	30.9	24.1	36.1





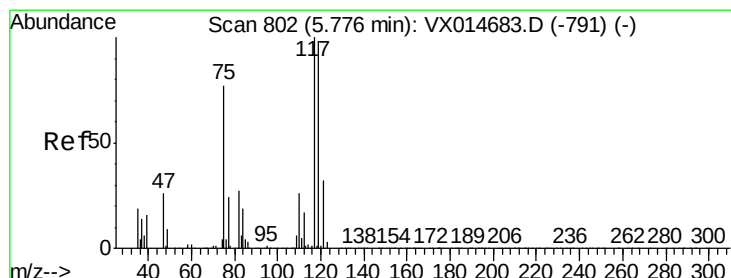
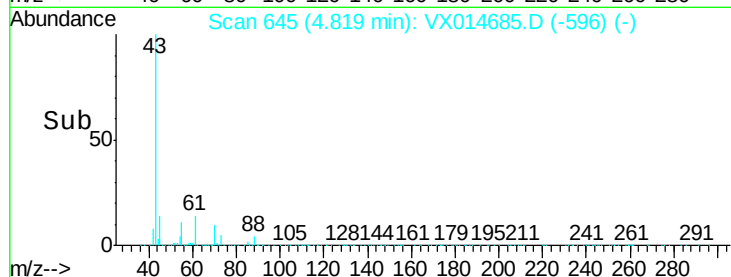
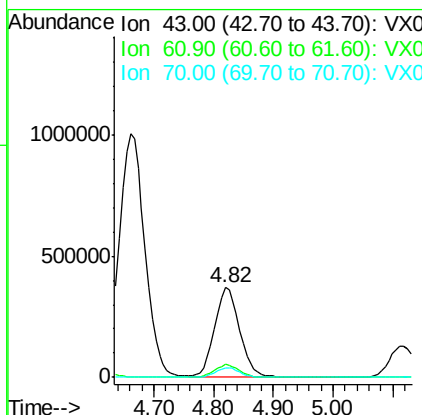
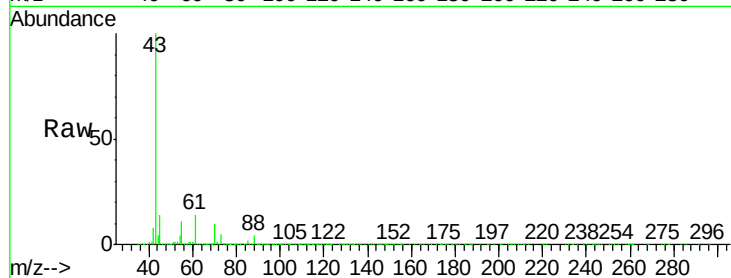
#37
Ethyl Acetate
Concen: 156.378 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.5	8.5	12.7

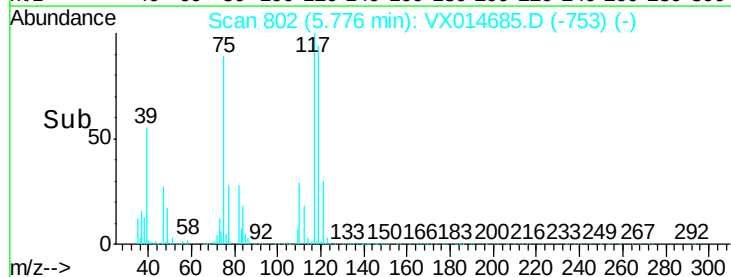
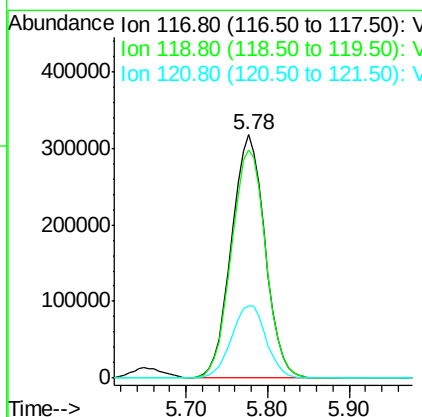
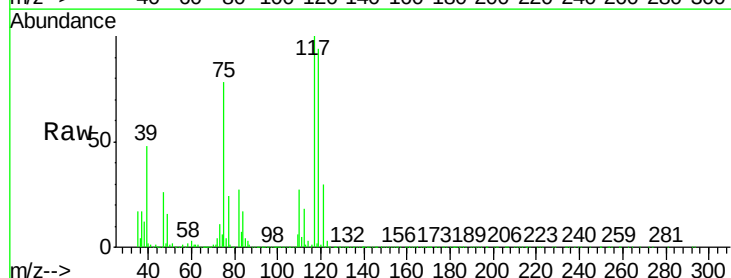
Manual Integrations
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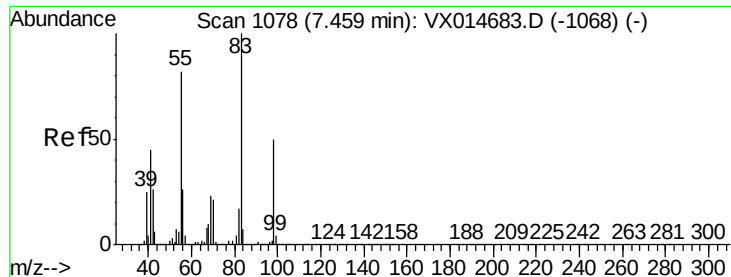
MMDadoda
1/24/2020 1:39:16 PM



#38
Carbon Tetrachloride
Concen: 157.345 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.9	116.9
121	29.7	25.4	38.2





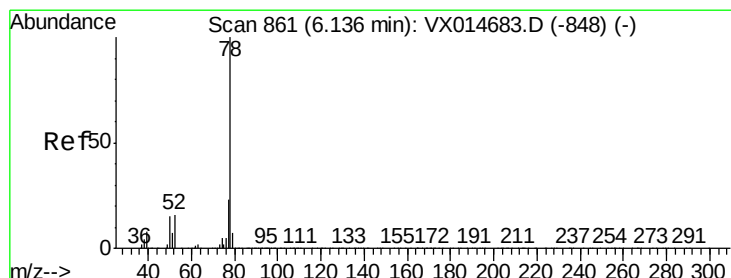
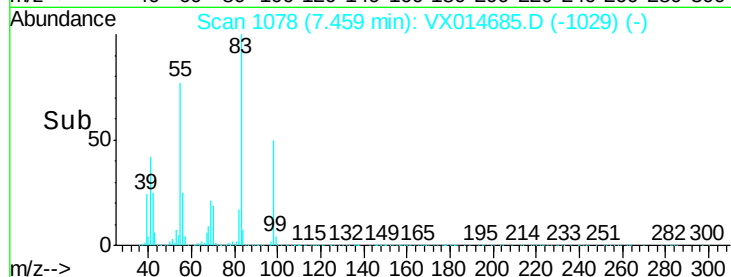
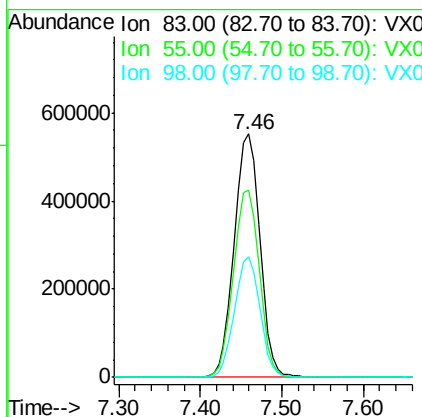
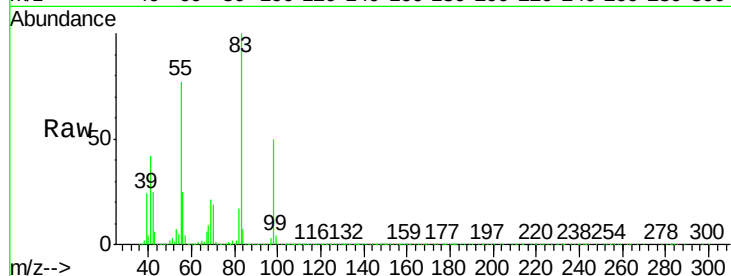
#39
Methylvlcyclohexane
Concen: 160.675 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.6	98.4
98	49.6	40.2	60.4

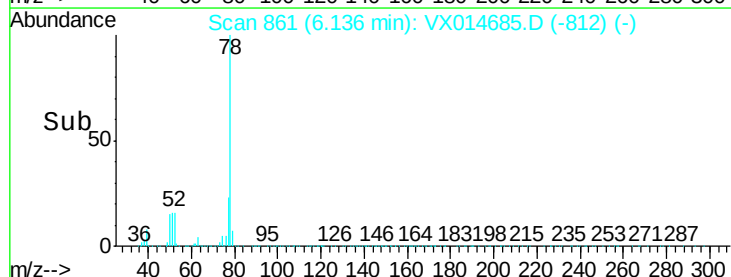
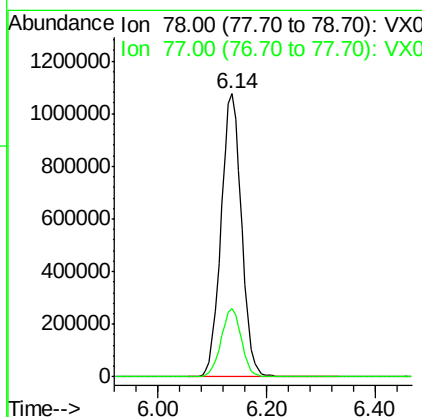
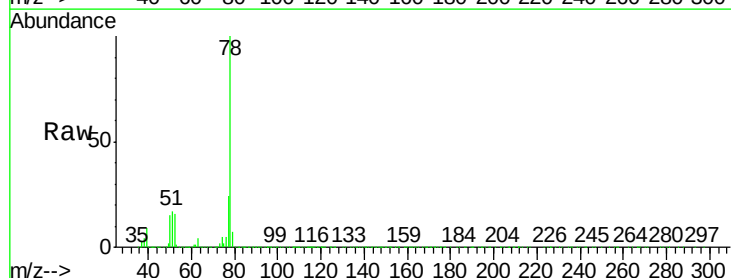
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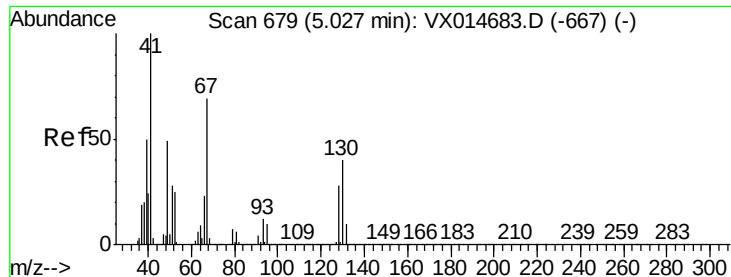
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#40
Benzene
Concen: 149.421 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





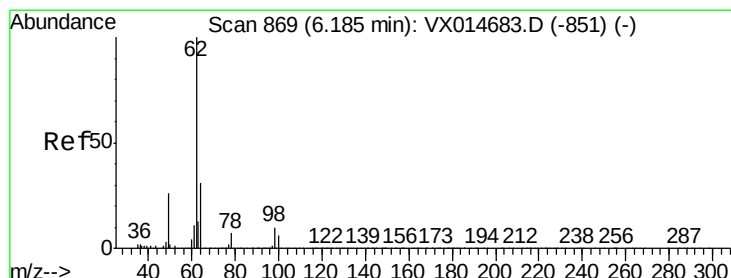
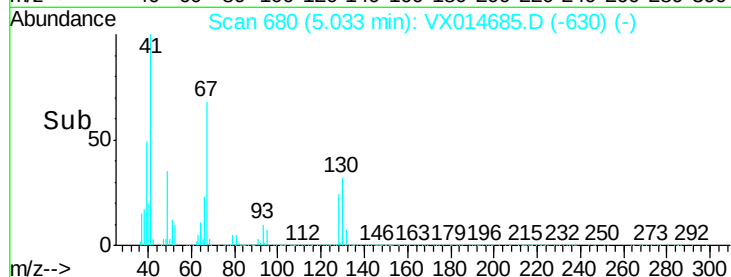
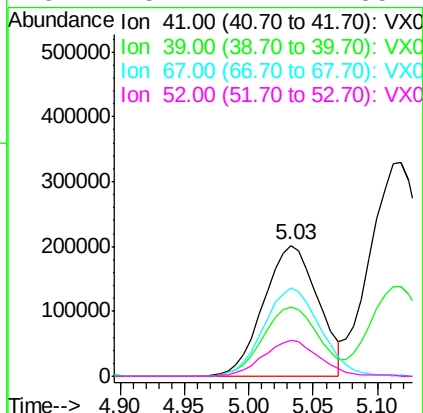
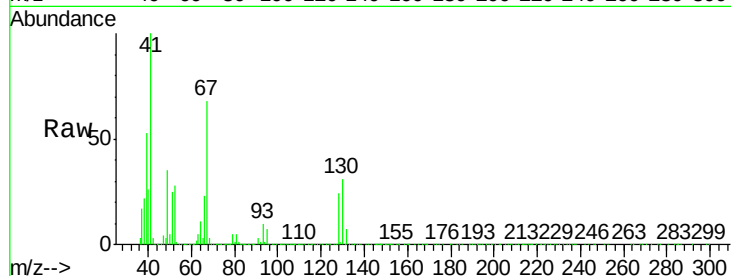
#41
Methacrylonitrile
Concen: 140.741 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		590194		
39	55.4	42.2	63.2		
67	70.3	55.4	83.0		
52	28.1	22.1	33.1		

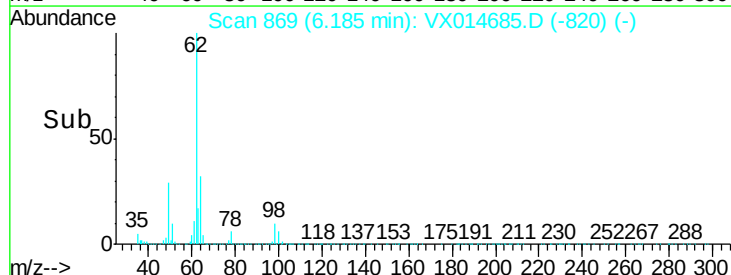
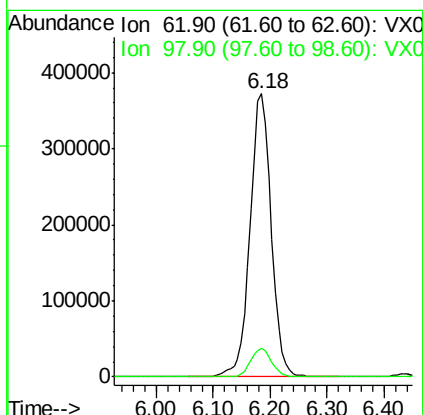
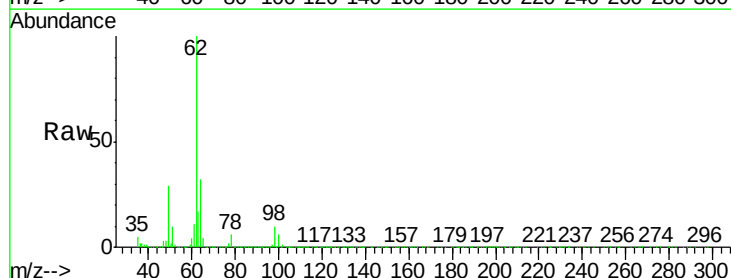
Manual Integrations
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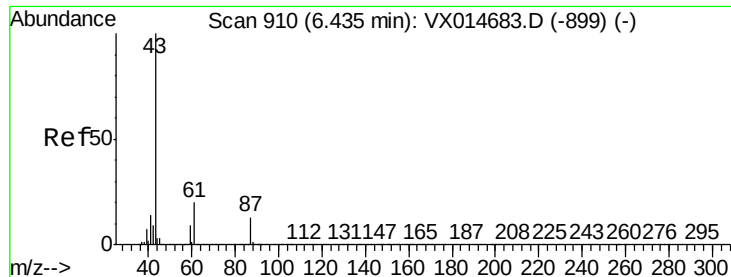
MMDadoda
1/24/2020 1:39:16 PM



#42
1,2-Dichloroethane
Concen: 148.652 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		960558		
98	9.9	0.0	20.0		





#43

Isopropyl Acetate

Concen: 157.227 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1768986

Ion Ratio Lower Upper

43 100

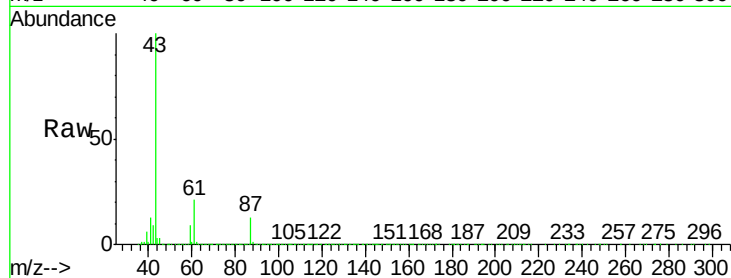
61 20.4 16.2 24.4

87 13.2 10.5 15.7

Manual Integrations
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MMDadoda

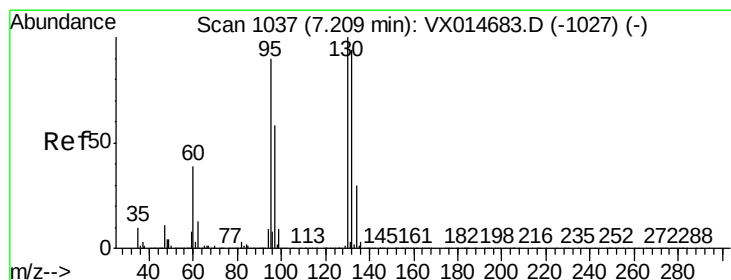
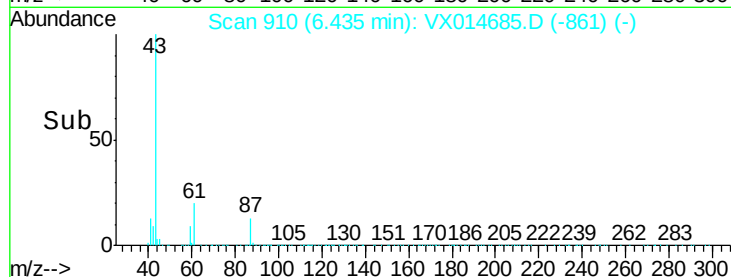
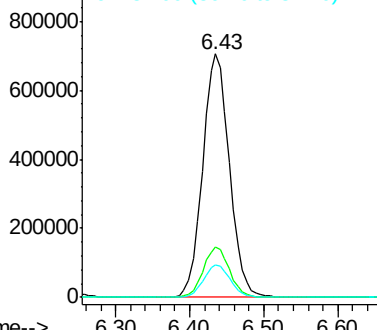
1/24/2020 1:39:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 145.237 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014685.D

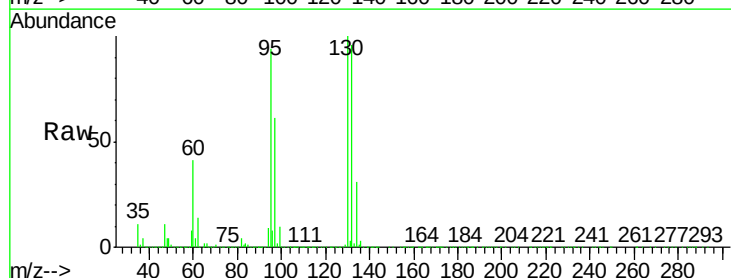
Acq: 22 Jan 2020 12:13

Tgt Ion:130 Resp: 770584

Ion Ratio Lower Upper

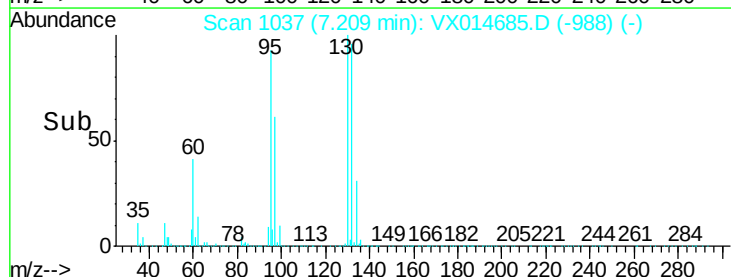
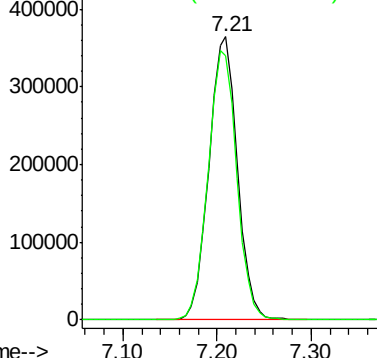
130 100

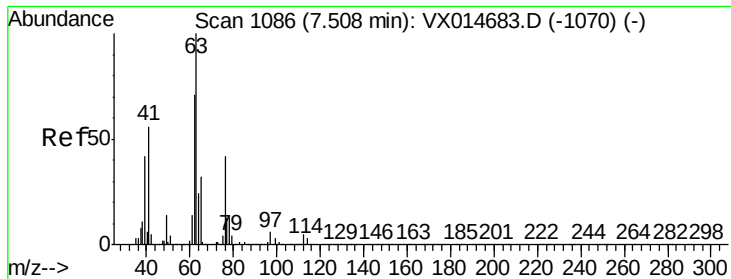
95 93.5 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





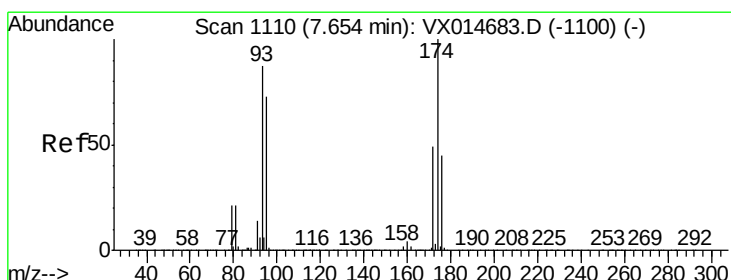
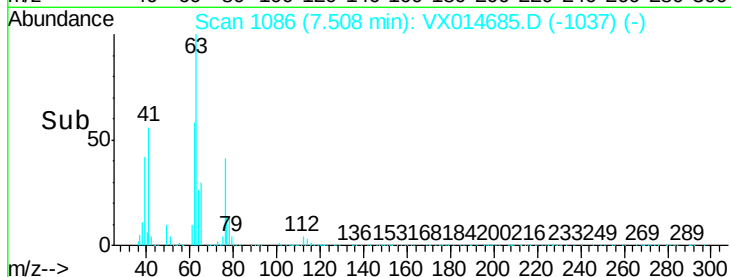
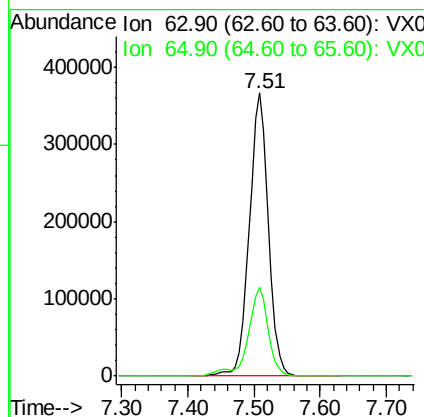
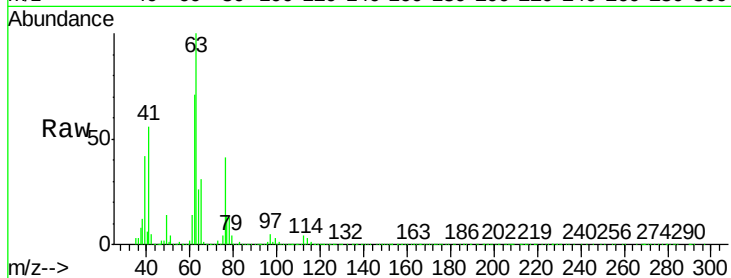
#45
 1,2-Dichloropropane
 Concen: 153.238 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.2	37.8

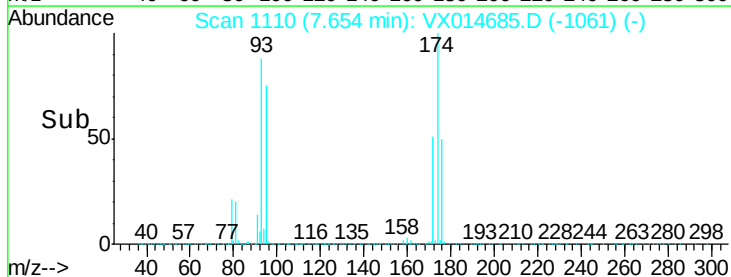
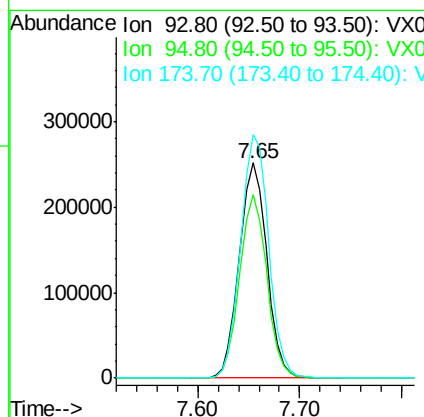
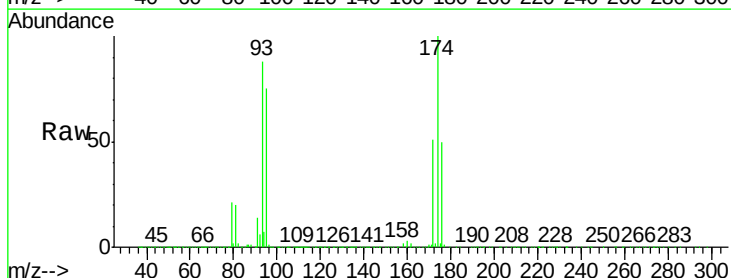
Manual Integrations
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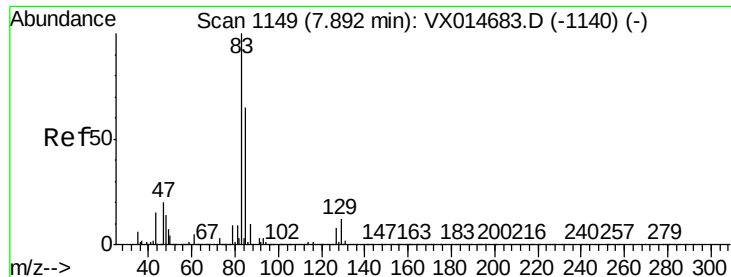
MMDadoda
 1/24/2020 1:39:16 PM



#46
 Dibromomethane
 Concen: 151.667 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.0	100.4
174	115.3	90.2	135.2





#47

Bromodichloromethane

Concen: 159.540 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

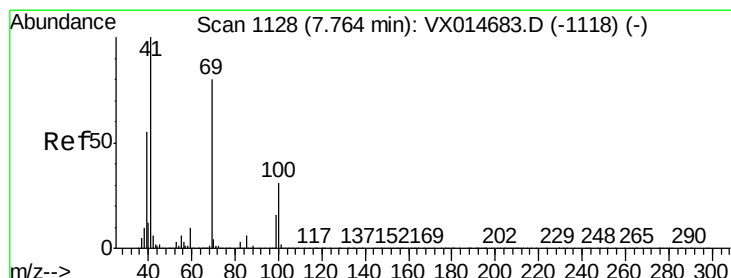
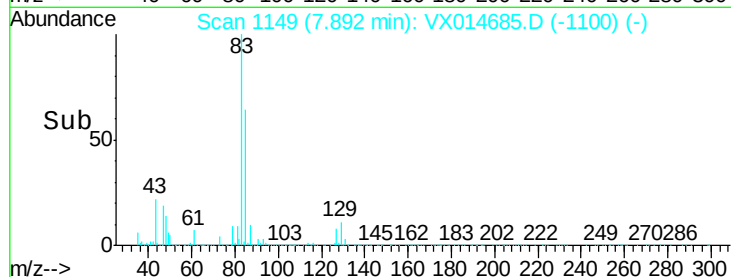
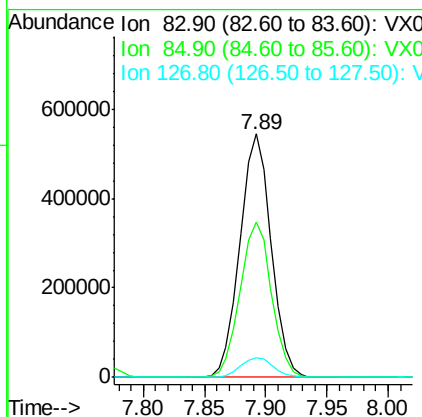
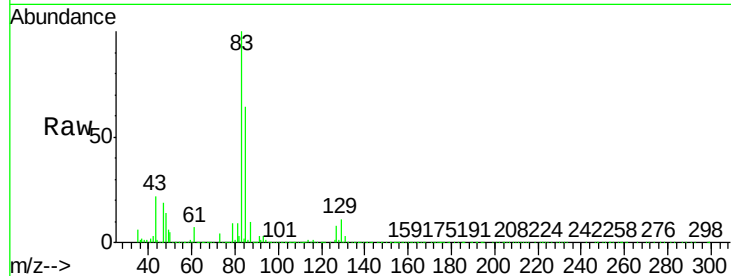
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	965257
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.2	78.2
127	8.1	6.4	9.6

Manual Integrations
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1/24/2020 1:39:16 PM



#48

Methyl methacrylate

Concen: 167.191 ug/l

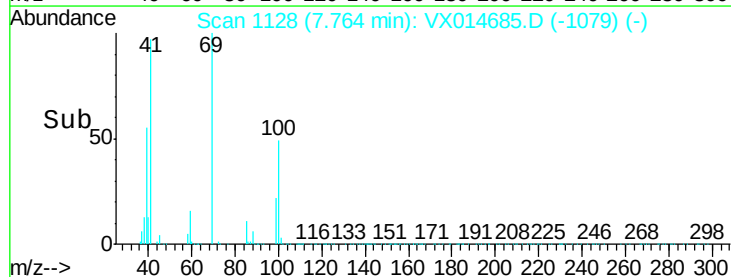
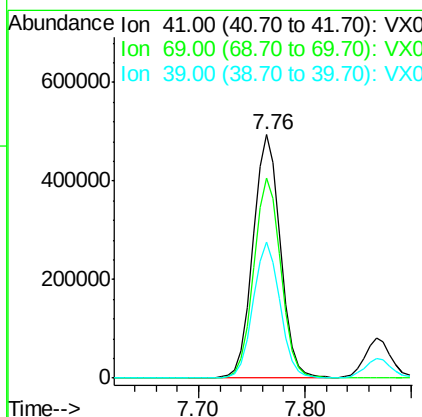
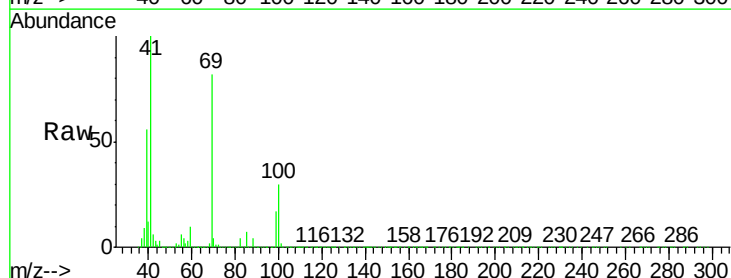
RT: 7.76 min Scan# 1128

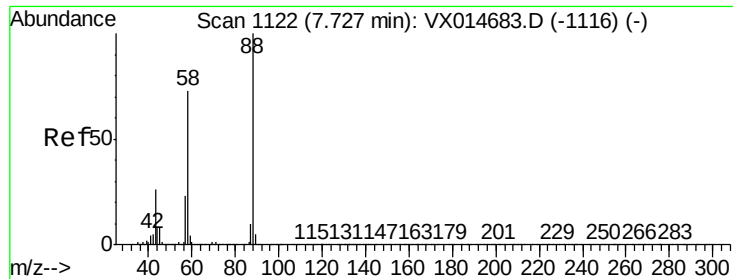
Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion:	41	Resp:	889015
Ion Ratio	Lower	Upper	
41	100		
69	81.7	63.5	95.3
39	55.0	43.7	65.5





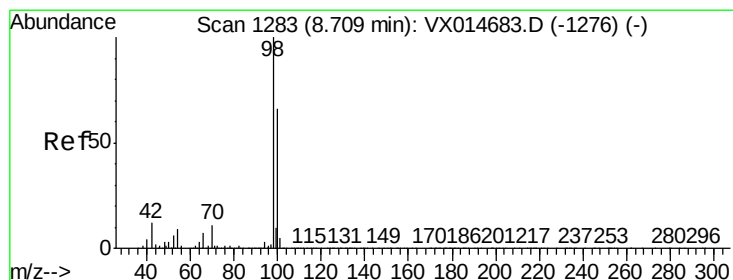
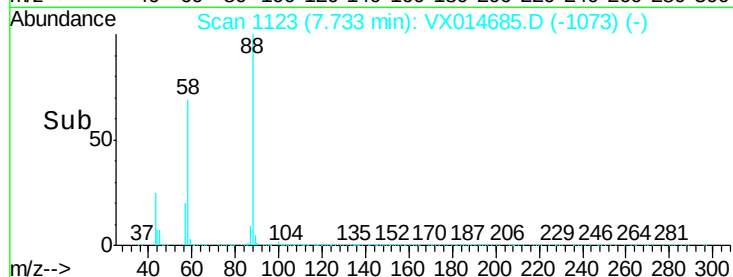
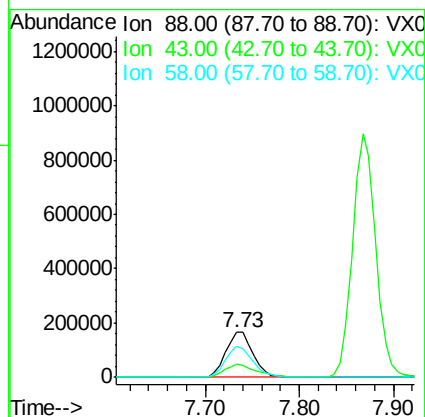
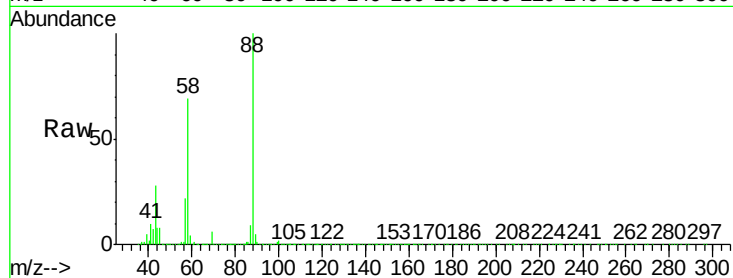
#49
1,4-Dioxane
Concen: 2832.083 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.2	39.2
58	70.8	56.6	85.0

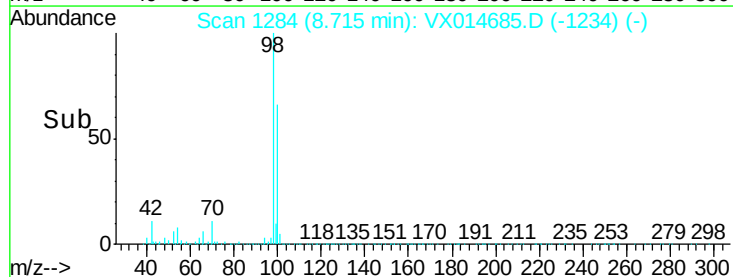
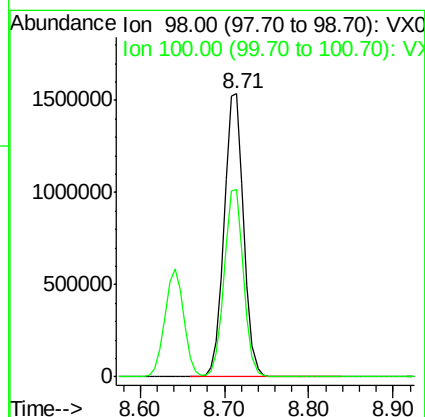
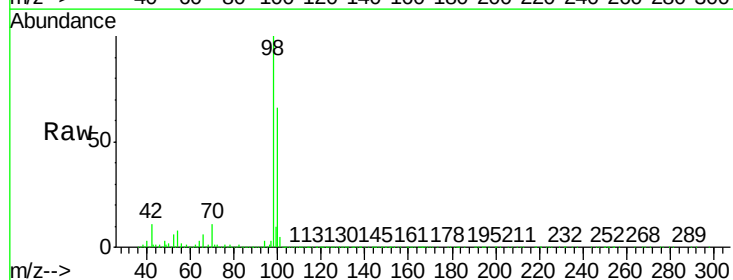
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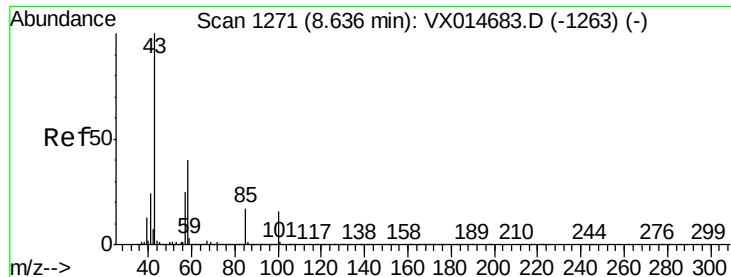
MMDadoda
1/24/2020 1:39:16 PM



#50
Toluene-d8
Concen: 156.080 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 788.667 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5597342

Ion Ratio Lower Upper

43 100

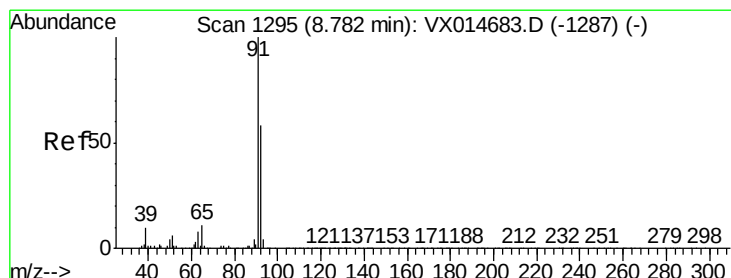
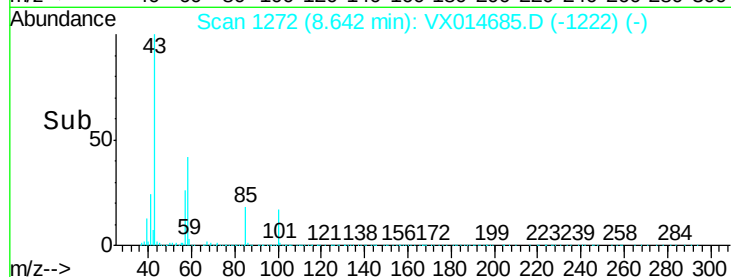
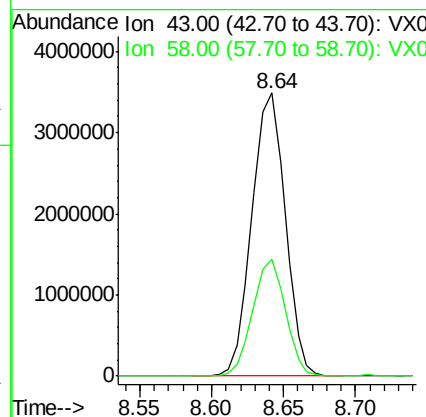
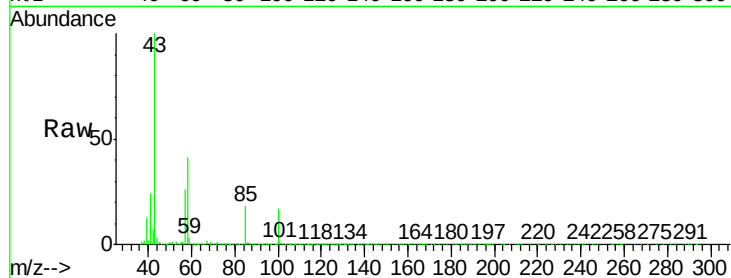
58 40.4 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 154.387 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014685.D

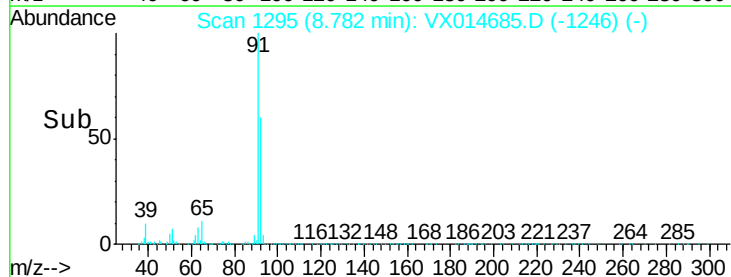
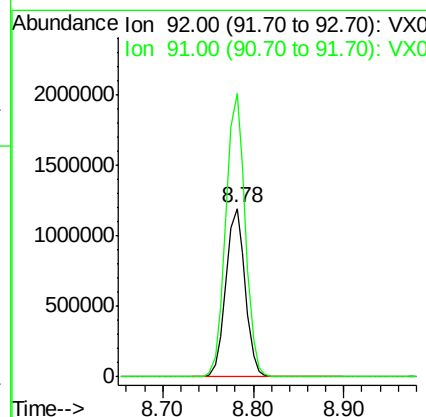
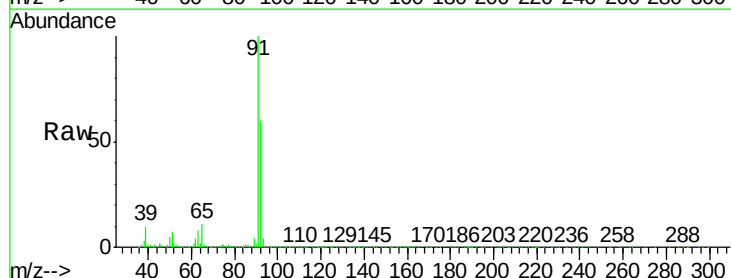
Acq: 22 Jan 2020 12:13

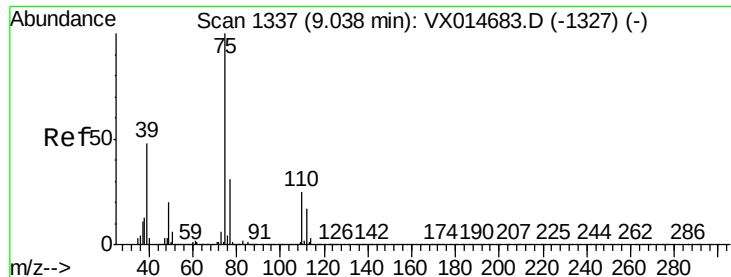
Tgt Ion: 92 Resp: 1764577

Ion Ratio Lower Upper

92 100

91 170.0 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 175.728 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 1124799

Ion Ratio Lower Upper

75 100

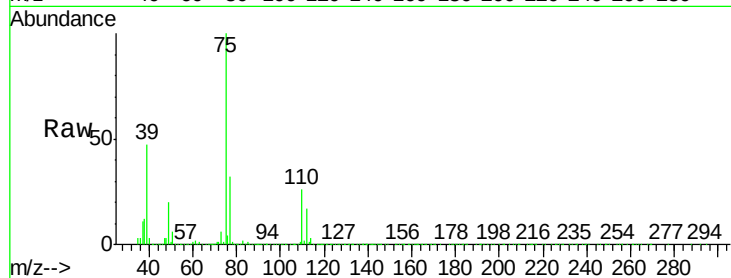
77 31.7 24.9 37.3

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

800000

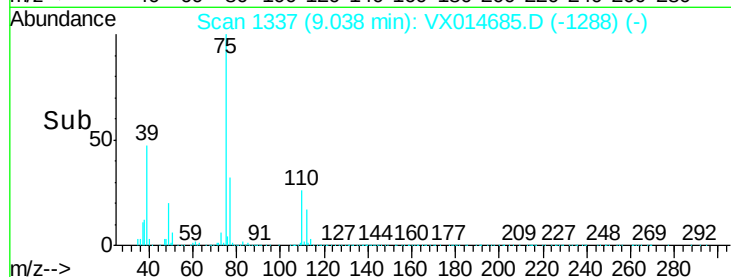
600000

400000

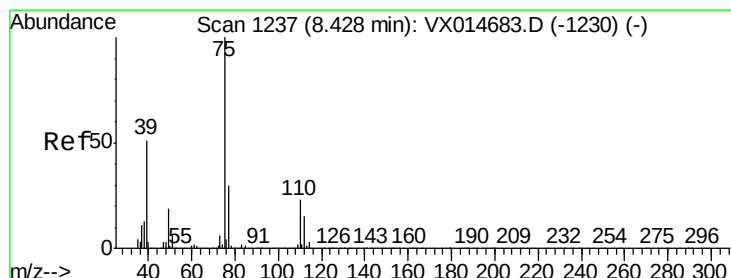
200000

0

Time-->



Time-->



#54

cis-1,3-Dichloropropene

Concen: 172.446 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

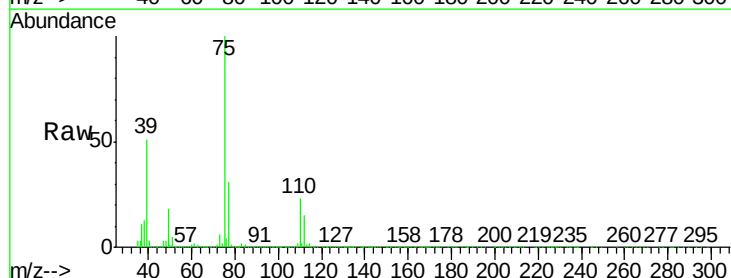
Tgt Ion: 75 Resp: 1218594

Ion Ratio Lower Upper

75 100

77 31.4 23.9 35.9

39 50.5 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

1000000

800000

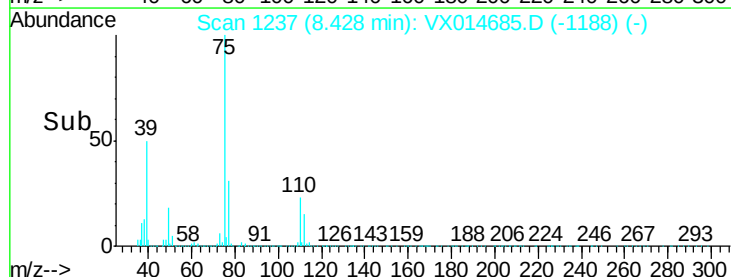
600000

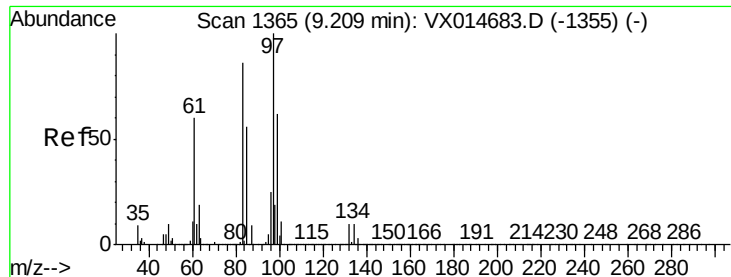
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 154.829 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

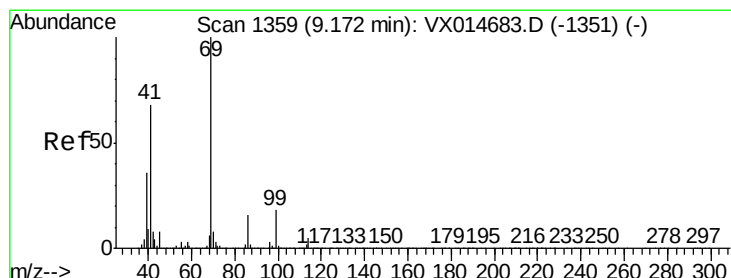
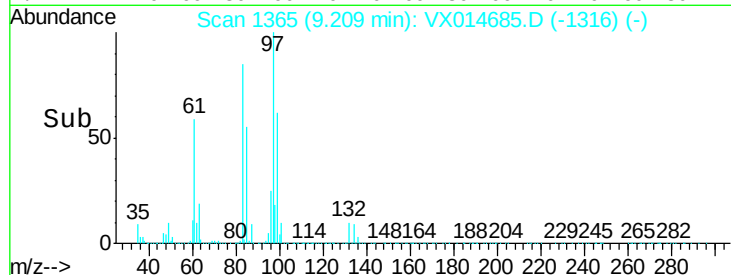
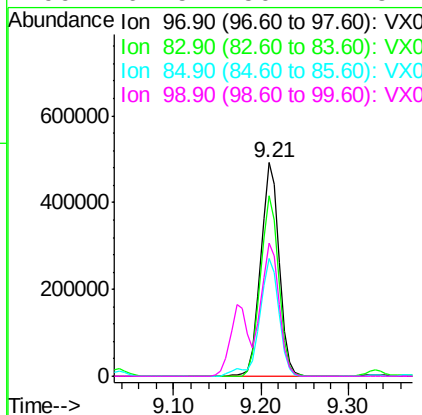
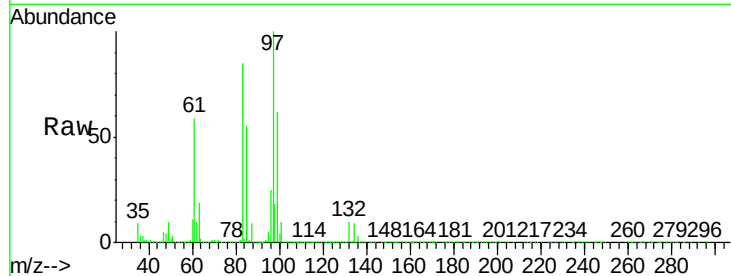
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		724172		
83	84.6	69.2	103.8		
85	55.3	44.6	67.0		
99	62.5	50.1	75.1		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 180.509 ug/l

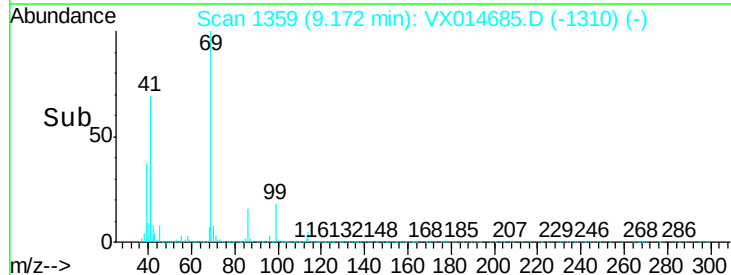
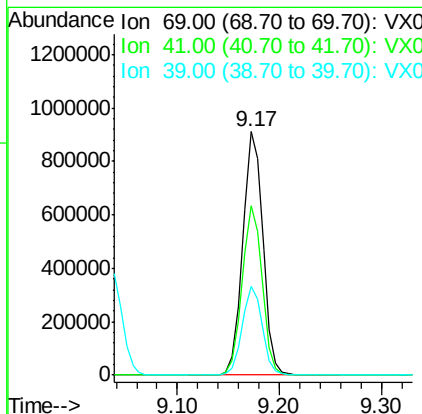
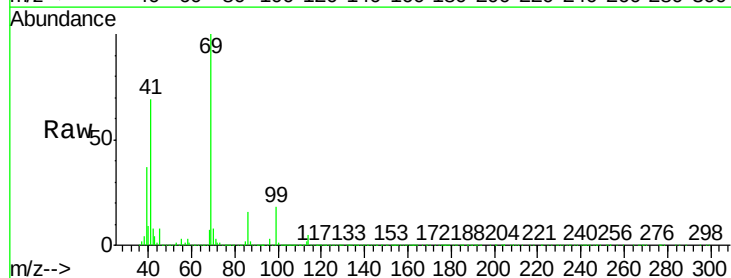
RT: 9.17 min Scan# 1359

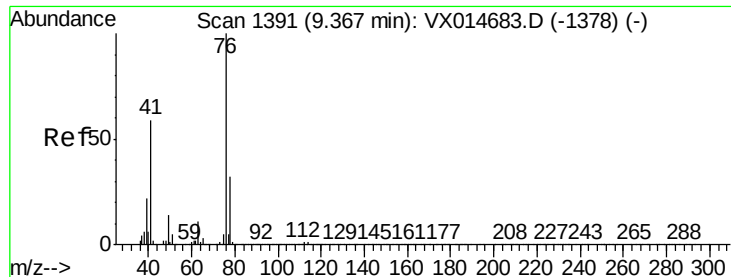
Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1236063		
41	68.8	54.9	82.3		
39	36.0	29.3	43.9		





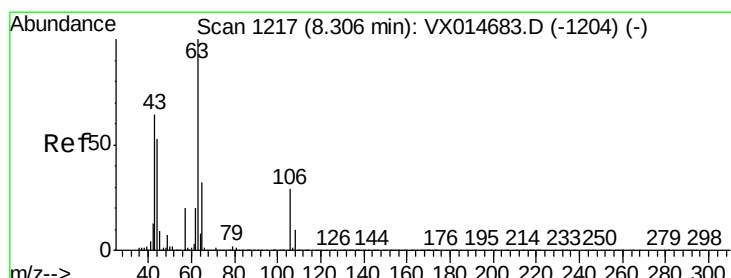
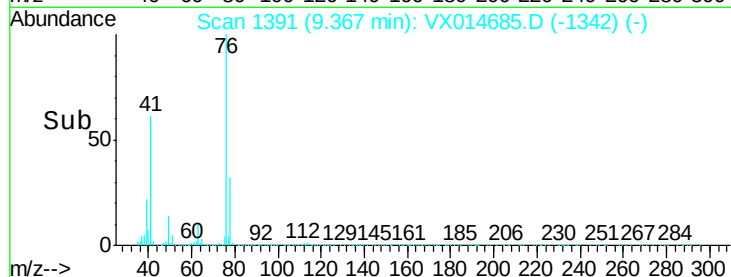
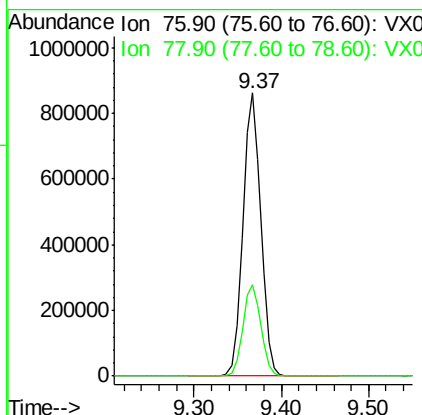
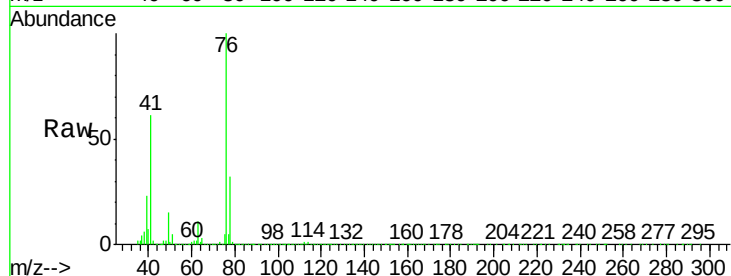
#57
 1,3-Dichloropropane
 Concen: 151.975 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1218973
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0

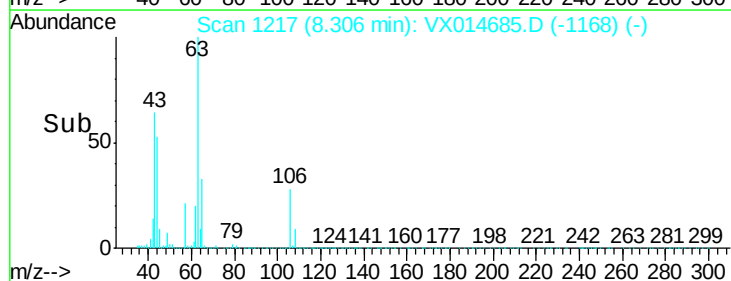
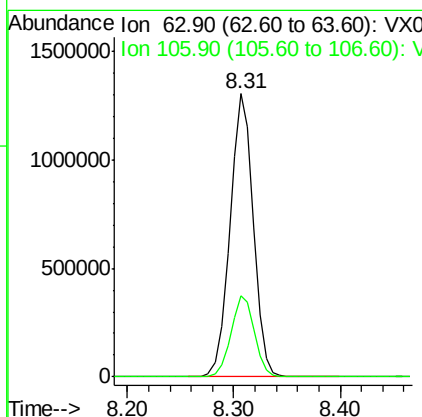
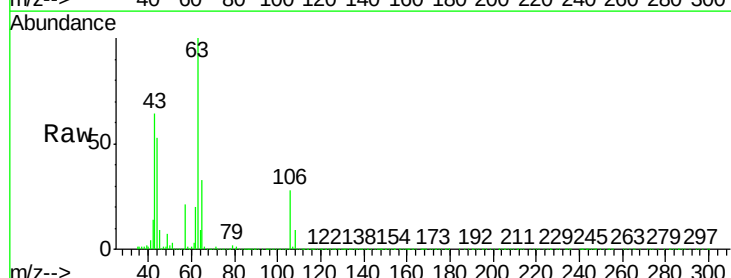
Manual Integrations
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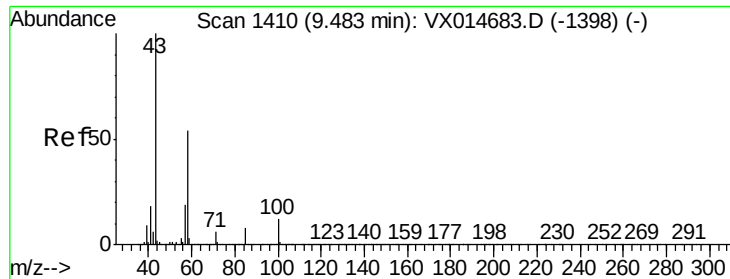
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 862.402 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion: 63 Resp: 1989746
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





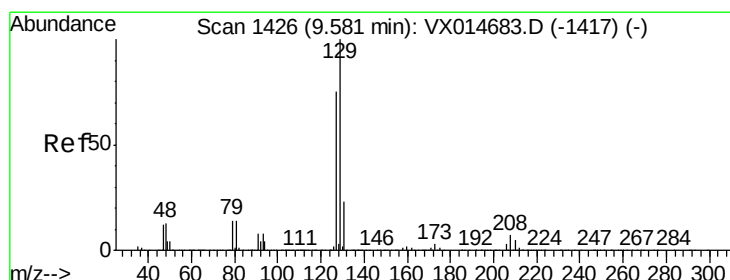
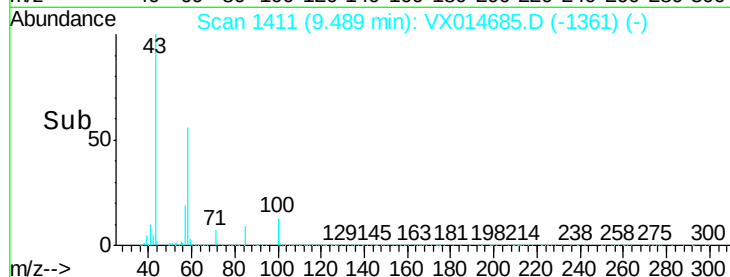
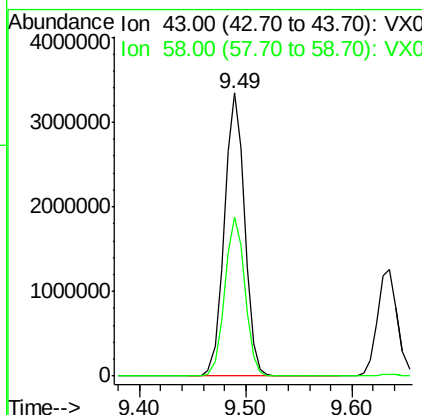
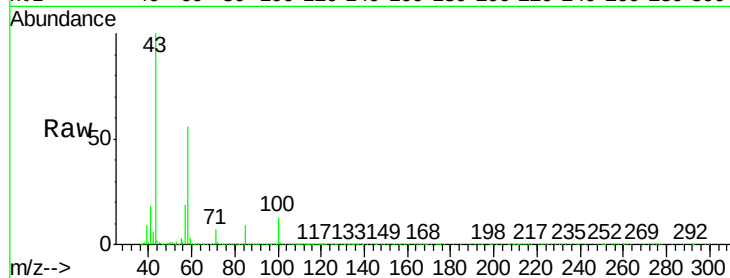
#59
2-Hexanone
Concen: 811.266 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 4445780
Ion Ratio Lower Upper
43 100
58 56.1 27.2 81.5

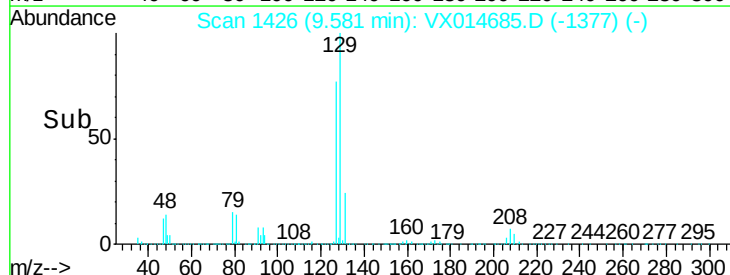
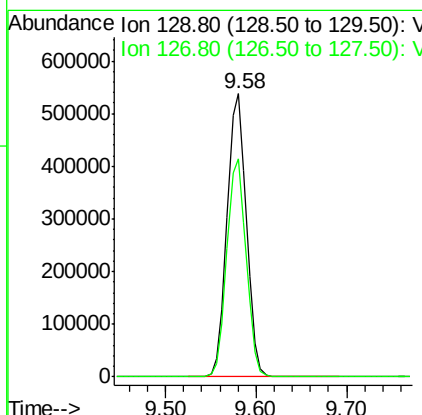
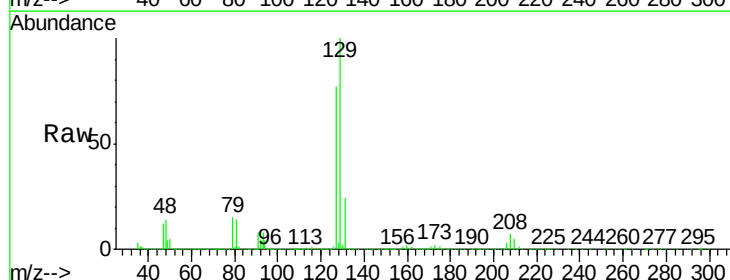
Manual Integrations
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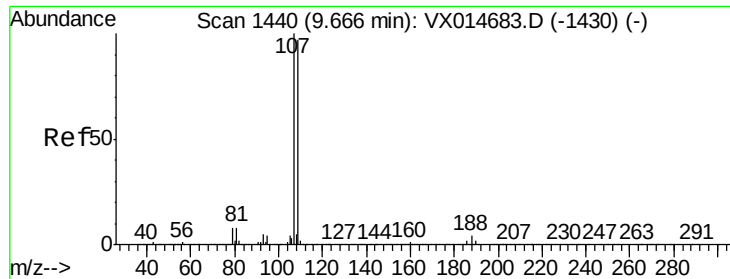
MMDadoda
1/24/2020 1:39:16 PM



#60
Dibromochloromethane
Concen: 164.300 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion: 129 Resp: 793812
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 153.224 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 759076

Ion Ratio Lower Upper

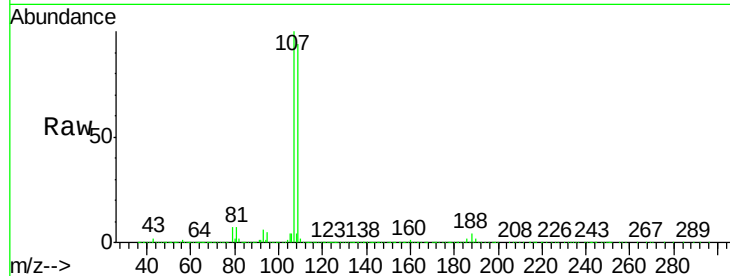
107 100

109 94.4 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

600000

500000

400000

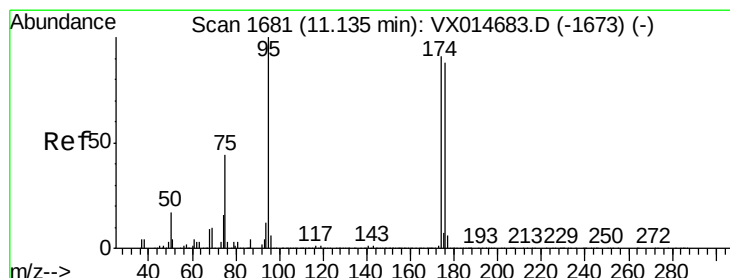
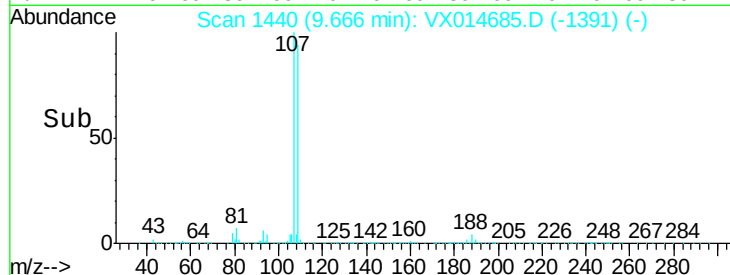
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 168.911 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

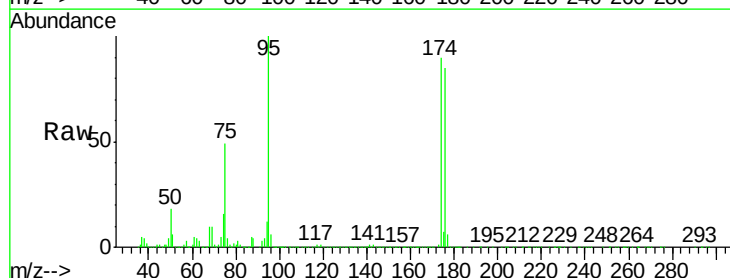
Tgt Ion: 95 Resp: 926519

Ion Ratio Lower Upper

95 100

174 88.0 0.0 176.0

176 84.8 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1000000

800000

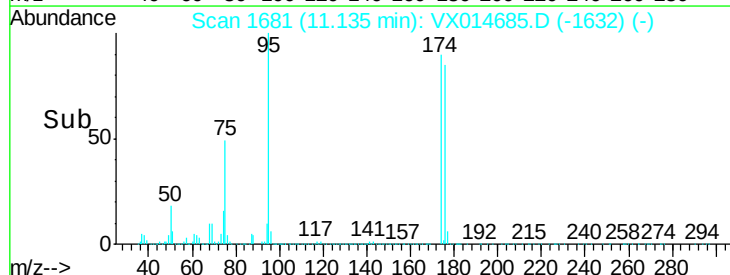
600000

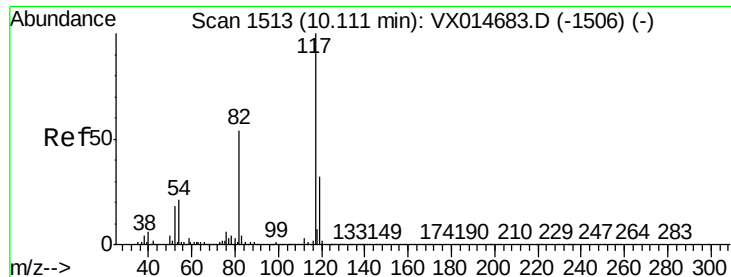
400000

200000

0

Time-->





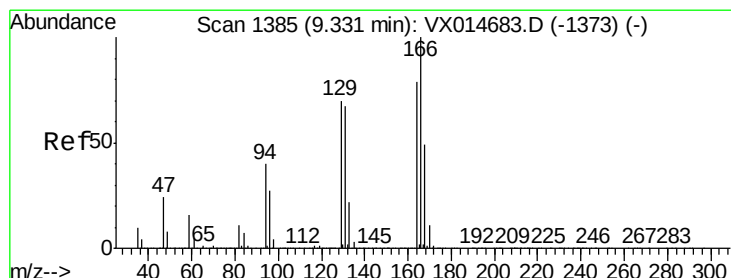
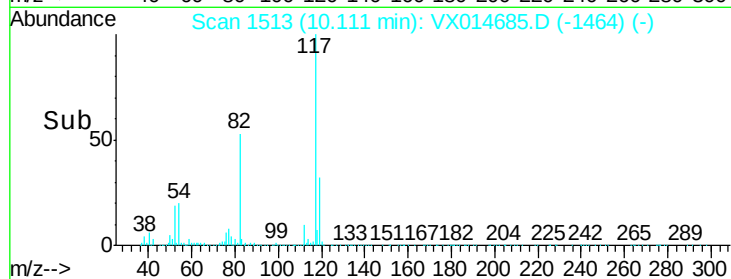
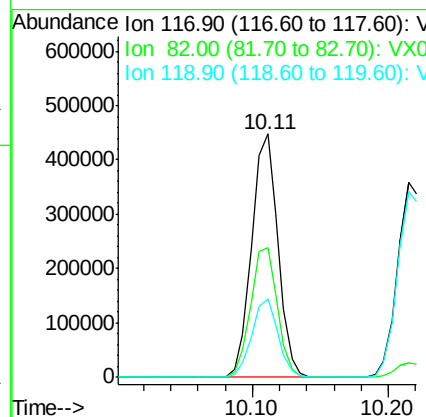
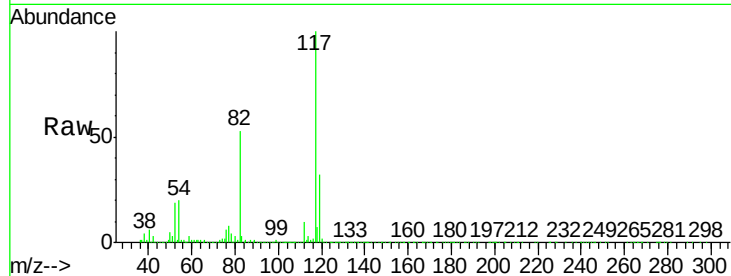
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.2	64.8
119	32.4	25.8	38.6

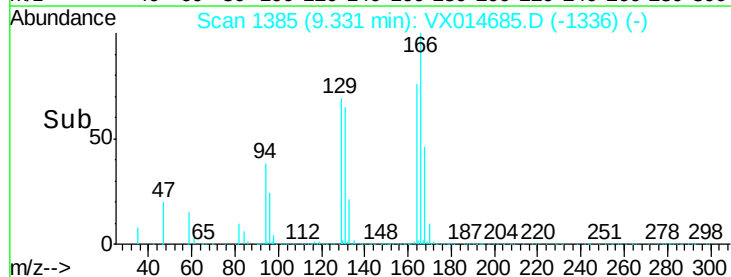
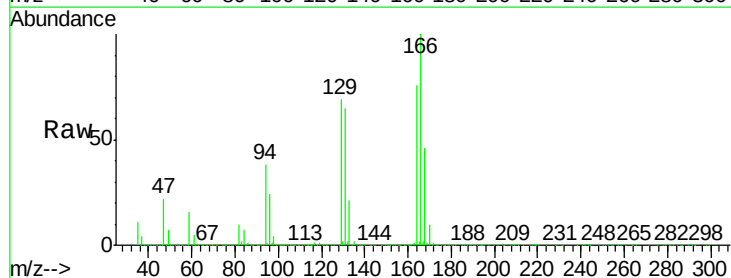
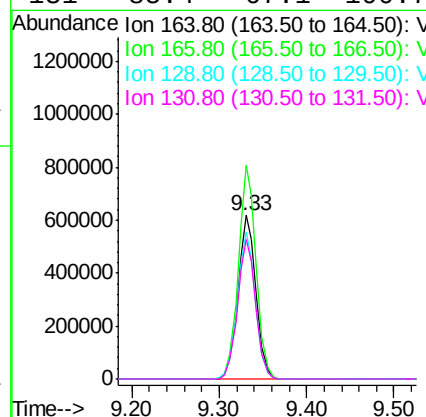
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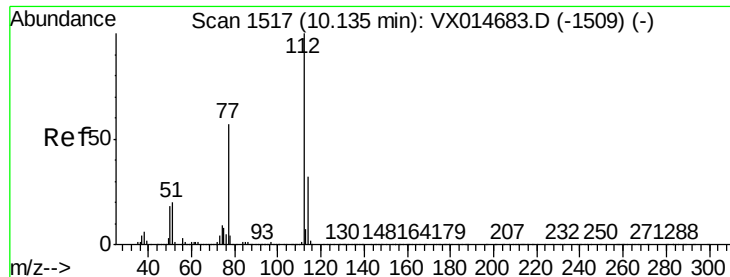
MMDadoda
1/24/2020 1:39:16 PM



#64
Tetrachloroethene
Concen: 145.707 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	100.9	151.3
129	90.0	71.0	106.6
131	85.4	67.1	100.7





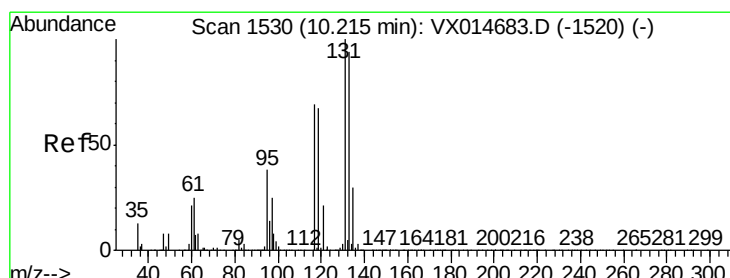
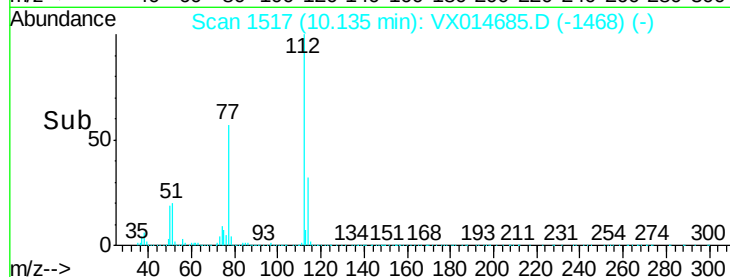
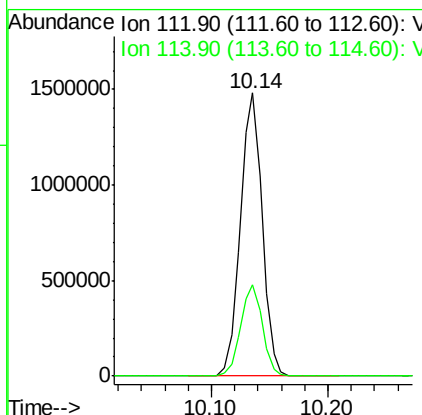
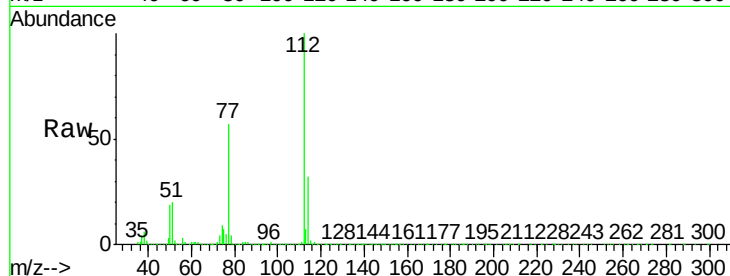
#65
Chlorobenzene
Concen: 149.080 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1938485
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

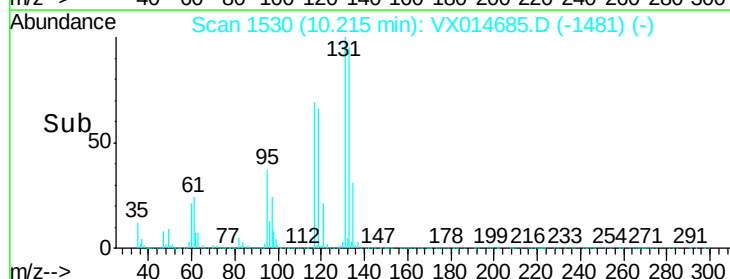
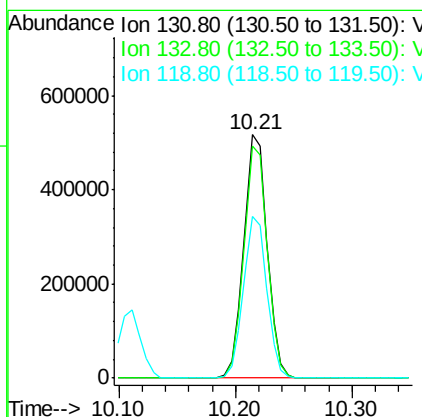
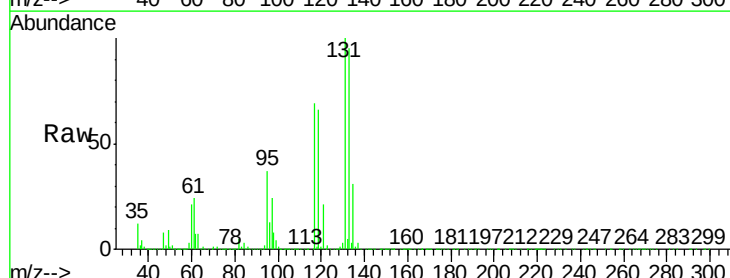
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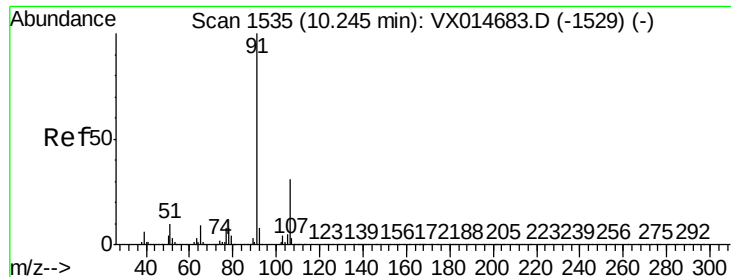
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#66
1,1,1,2-Tetrachloroethane
Concen: 152.410 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion:131 Resp: 727999
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.3
119 66.2 33.3 99.8





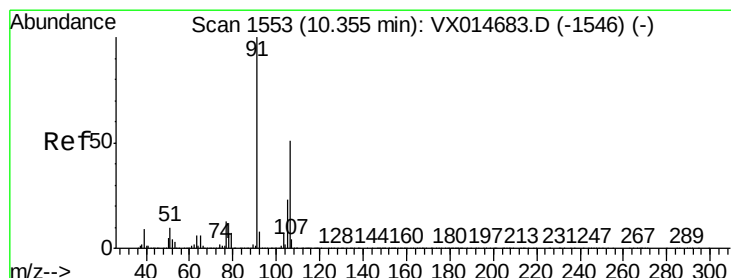
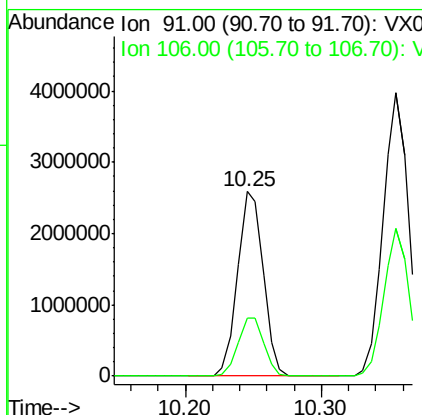
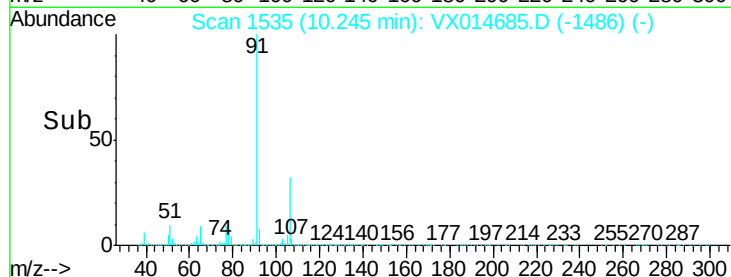
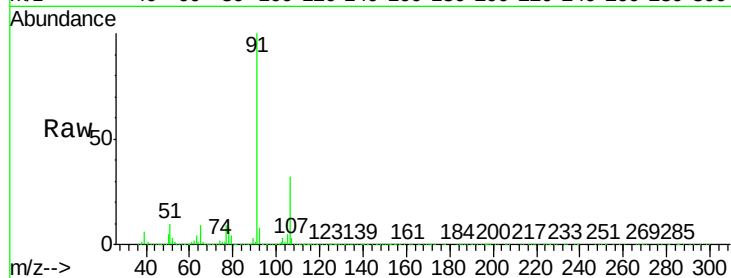
#67
Ethyl Benzene
Concen: 154.279 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3405684
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

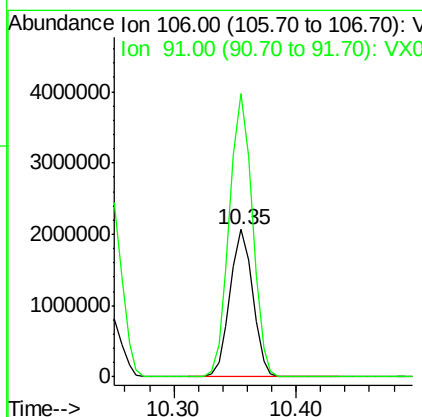
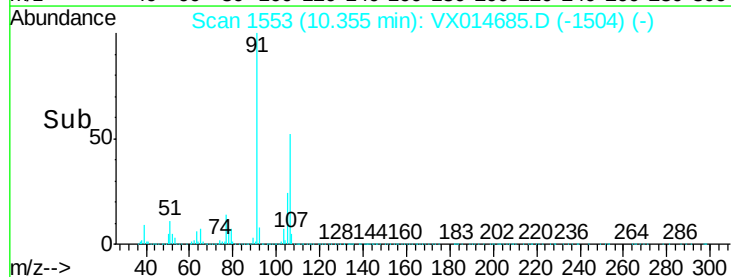
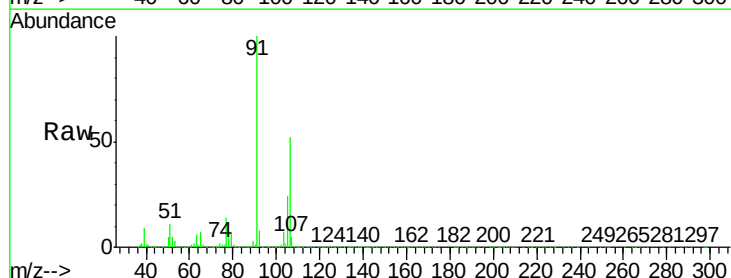
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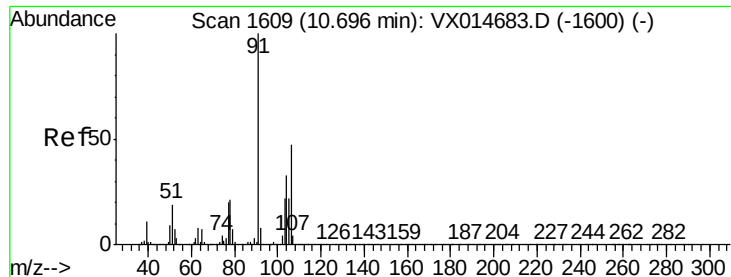
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#68
m/p-Xylenes
Concen: 320.712 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion: 106 Resp: 2664203
Ion Ratio Lower Upper
106 100
91 194.5 159.4 239.2





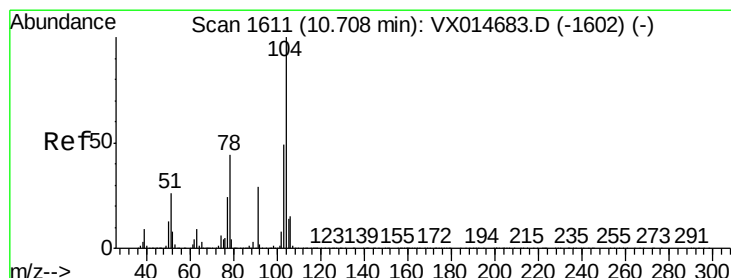
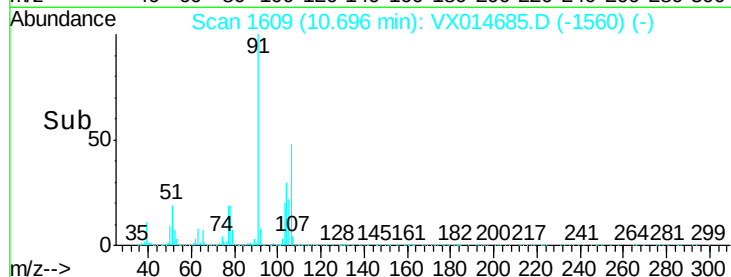
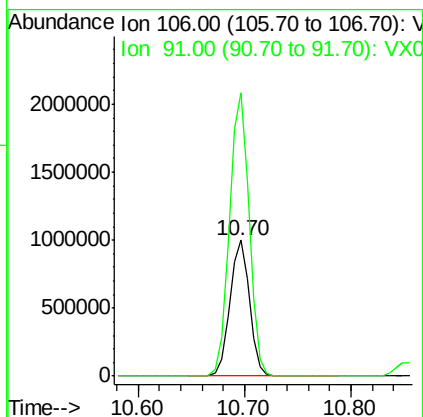
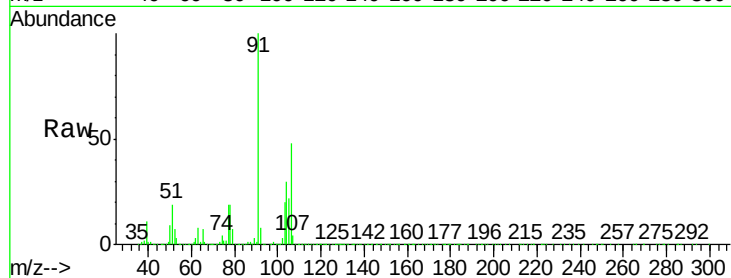
#69
o-Xylene
Concen: 159.364 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1279451
Ion Ratio Lower Upper
106 100
91 210.7 106.2 318.6

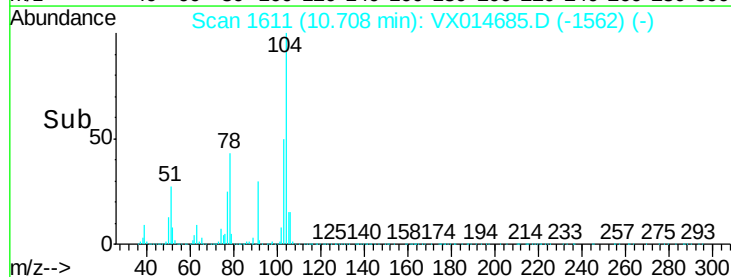
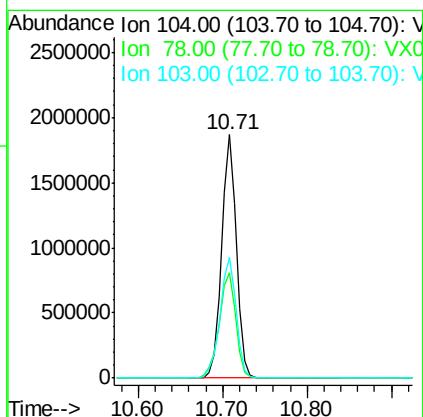
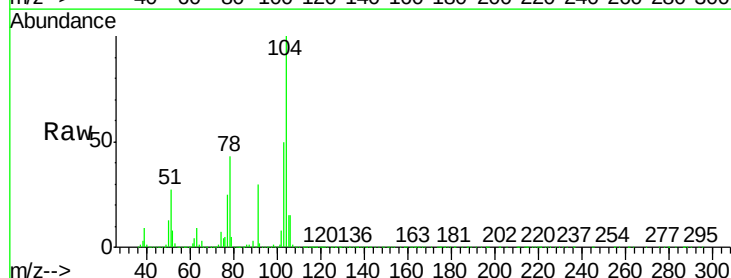
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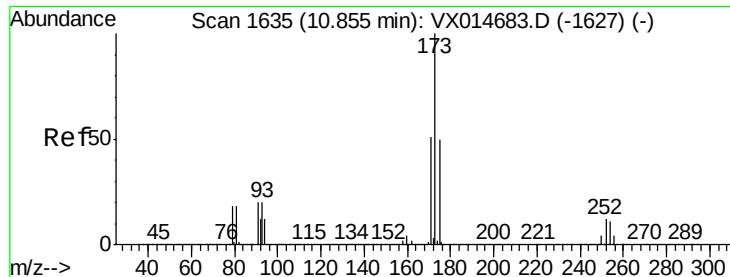
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#70
Styrene
Concen: 170.056 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion:104 Resp: 2263595
Ion Ratio Lower Upper
104 100
78 48.8 39.3 58.9
103 54.7 43.5 65.3





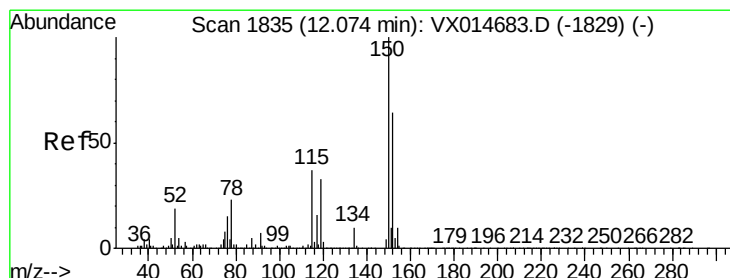
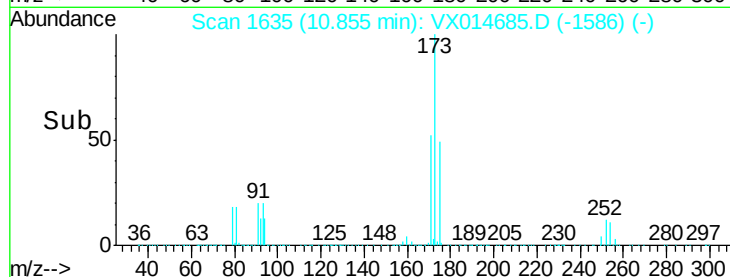
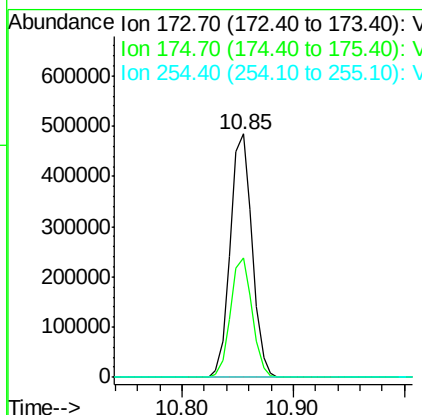
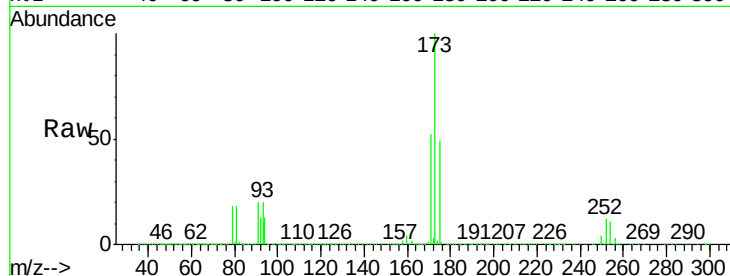
#71
Bromoform
Concen: 177.597 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.1	0.1	0.1#

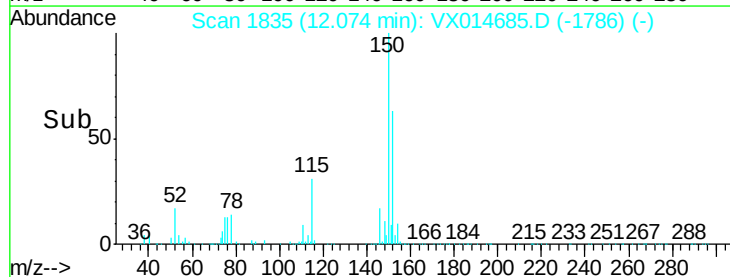
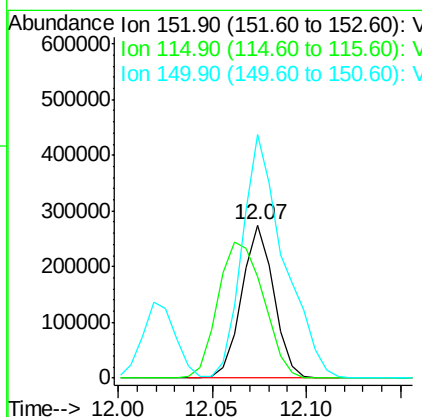
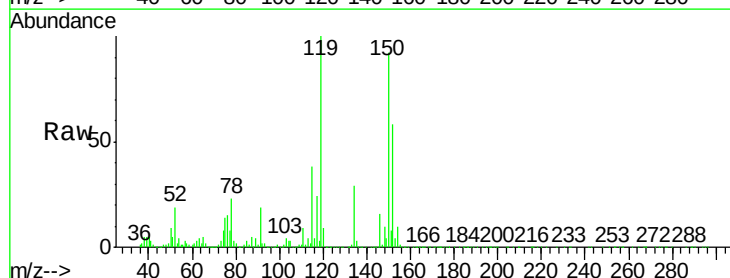
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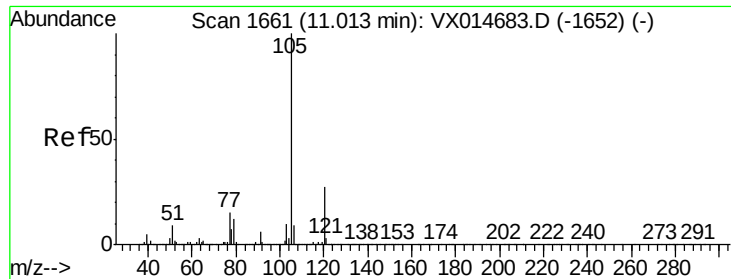
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	127.1	39.4	118.1#
150	207.4	0.0	351.2





#73

Isopropylbenzene

Concen: 148.564 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:105 Resp: 3373252

Ion Ratio Lower Upper

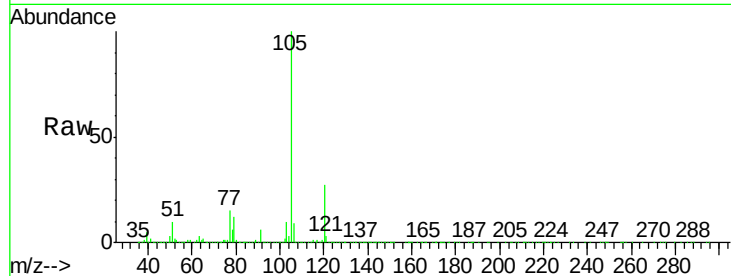
105 100

120 27.2 13.5 40.5

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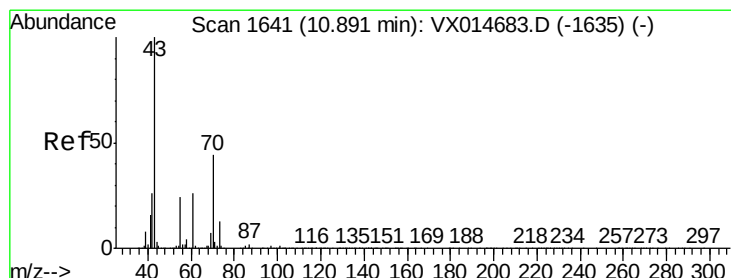
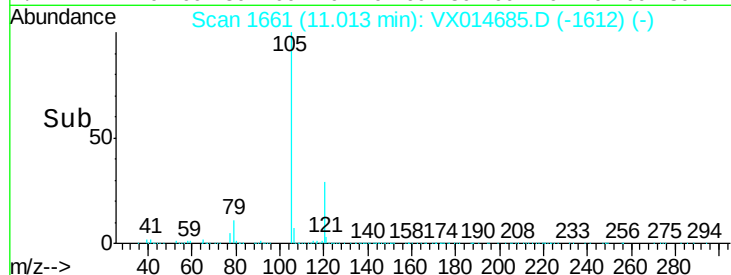
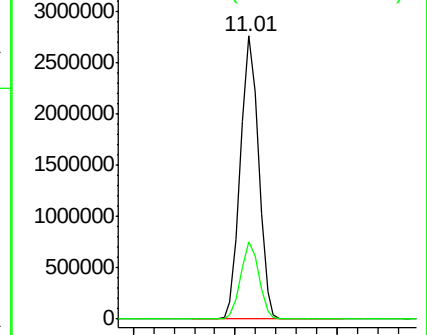
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 171.312 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Tgt Ion: 43 Resp: 1662455

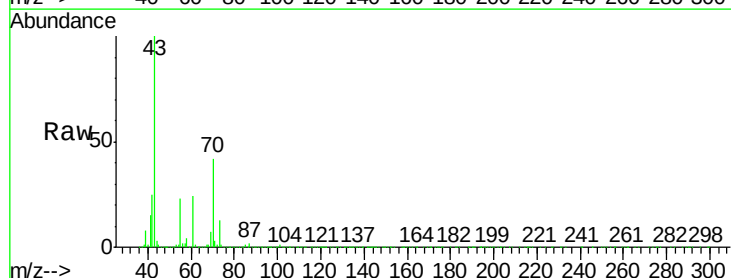
Ion Ratio Lower Upper

43 100

70 43.1 34.6 52.0

55 23.4 19.4 29.2

61 25.0 19.8 29.6

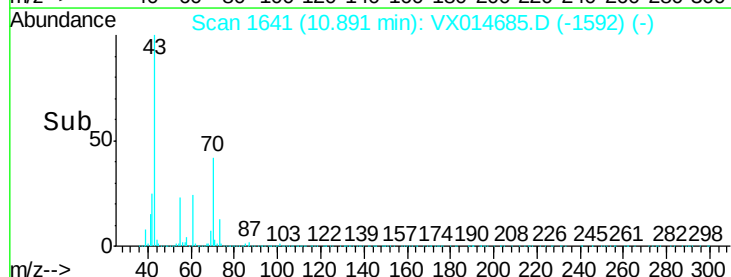
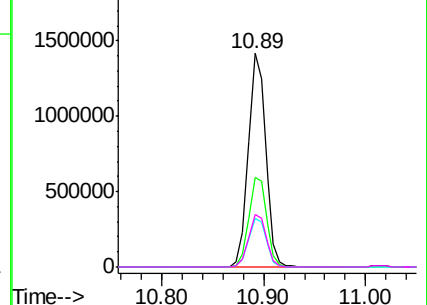


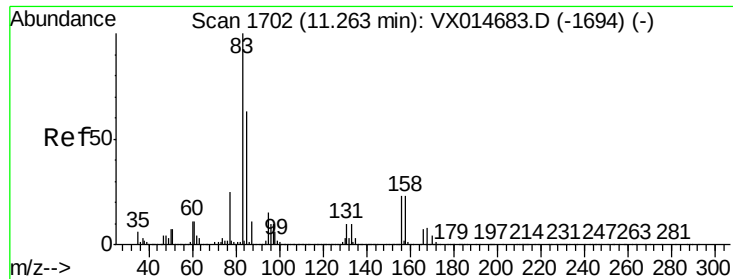
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 141.139 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1153752

Ion Ratio Lower Upper

83 100

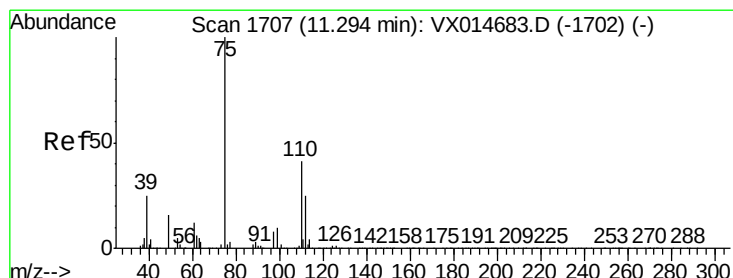
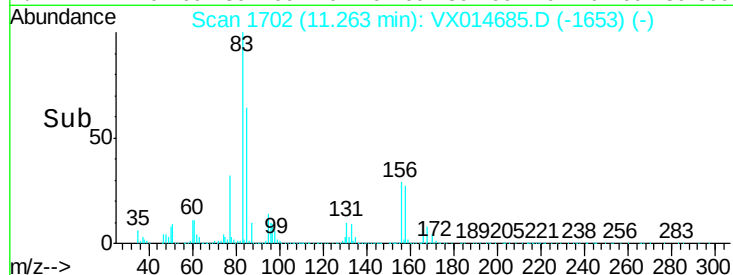
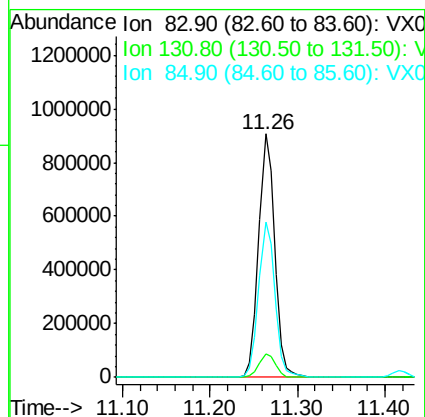
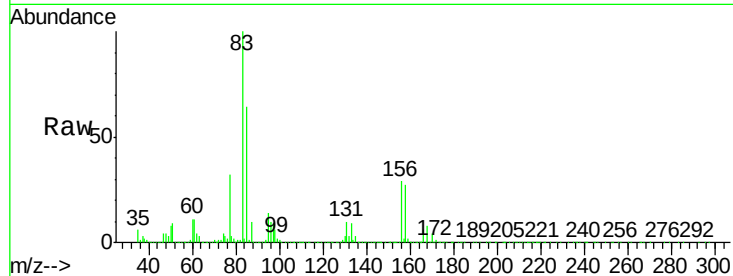
131 10.1 5.0 15.0

85 64.6 31.7 95.1

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#76

1,2,3-Trichloropropane

Concen: 143.910 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014685.D

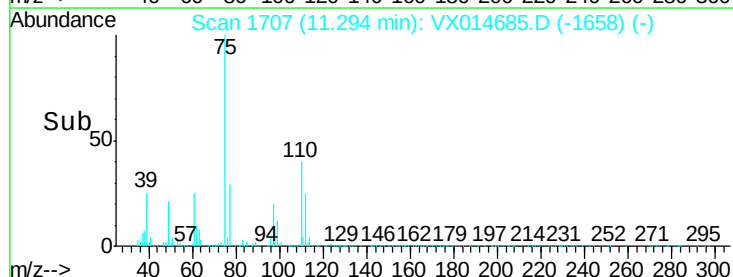
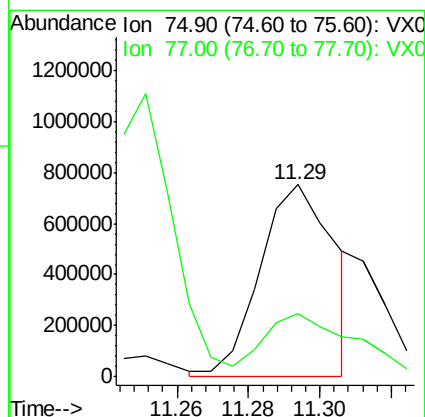
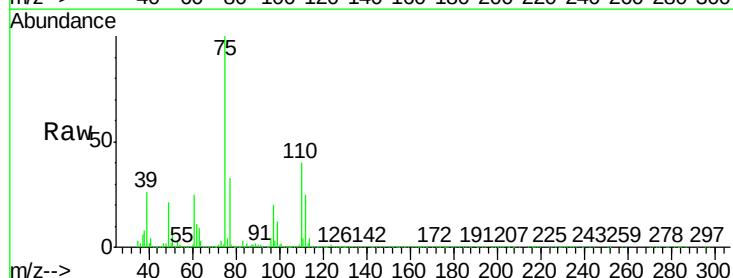
Acq: 22 Jan 2020 12:13

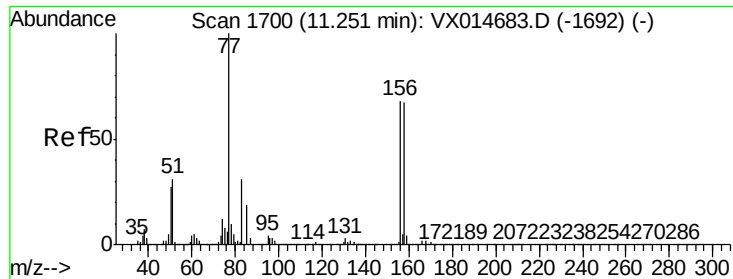
Tgt Ion: 75 Resp: 1086818

Ion Ratio Lower Upper

75 100

77 40.4 18.7 56.1





#77

Bromobenzene

Concen: 148.179 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

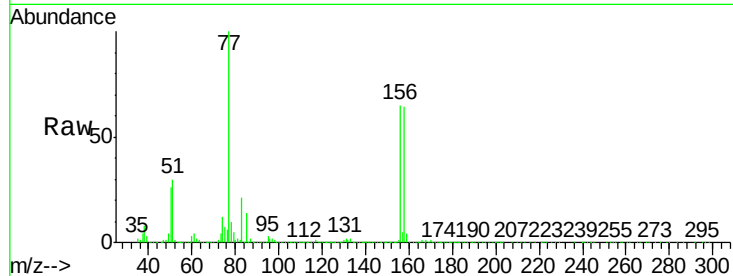
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	904256
Ion Ratio	Lower	Upper	
156	100		
77	152.8	77.5	232.5
158	96.4	49.1	147.3

Manual Integrations
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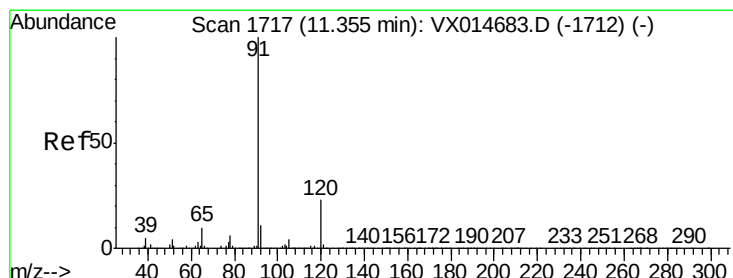
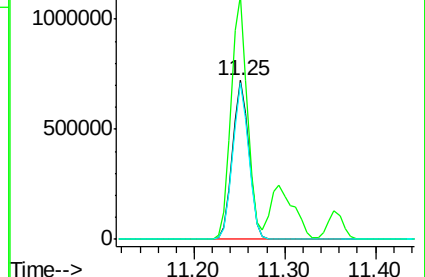
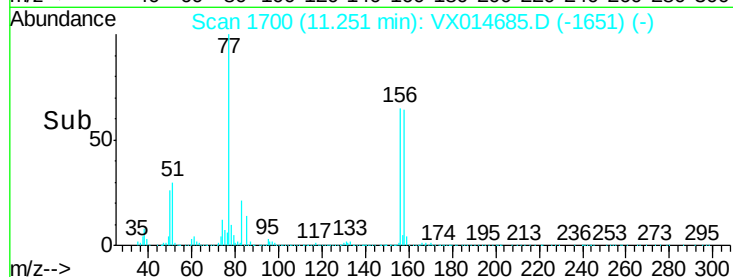
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 152.471 ug/l

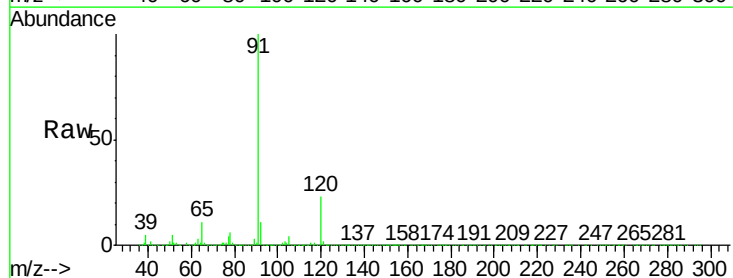
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014685.D

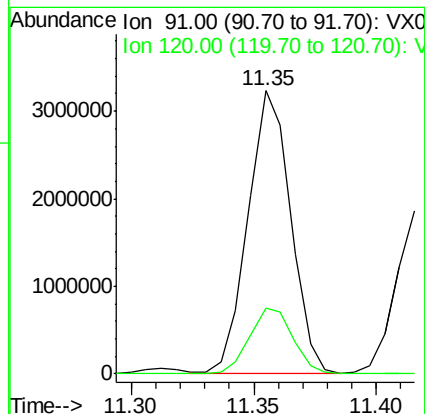
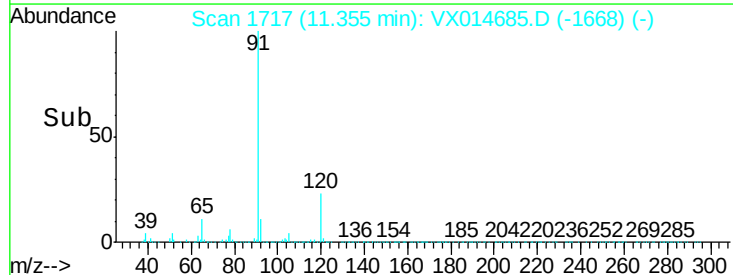
Acq: 22 Jan 2020 12:13

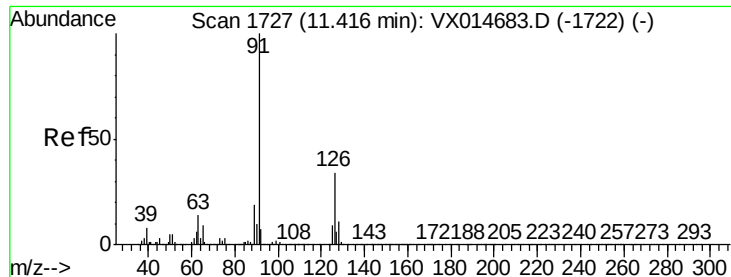
Tgt Ion:	91	Resp:	3912639
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.402 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2288547

Ion Ratio Lower Upper

91 100

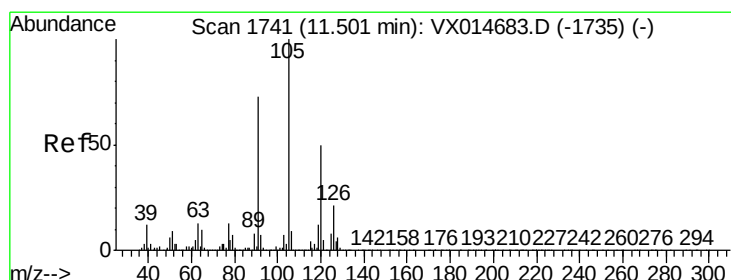
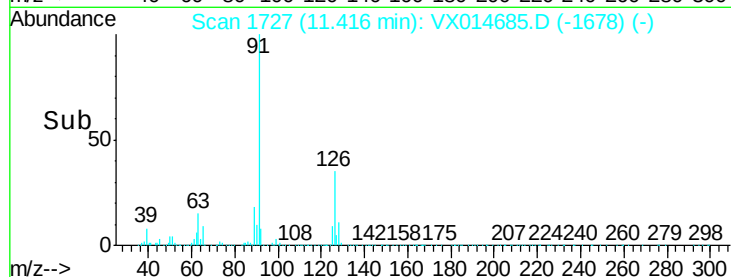
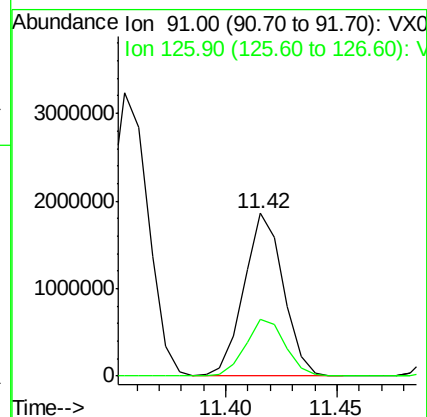
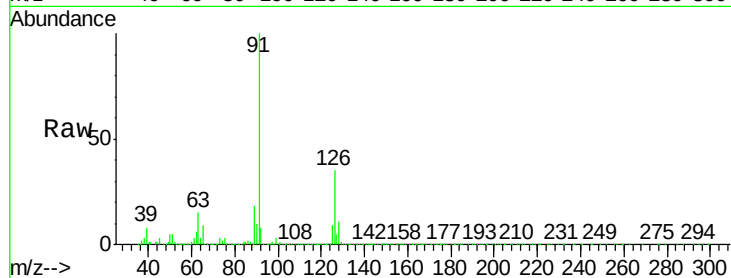
126 35.5 17.3 51.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 156.245 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014685.D

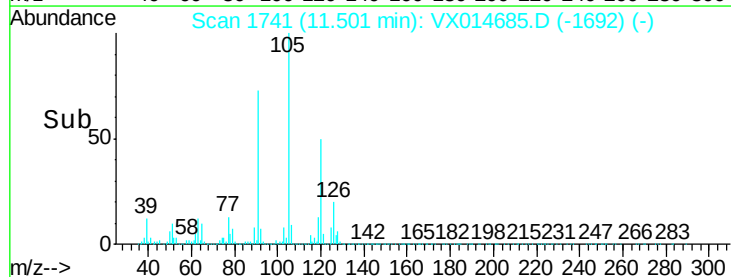
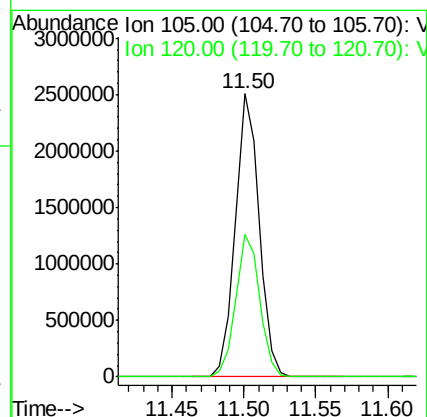
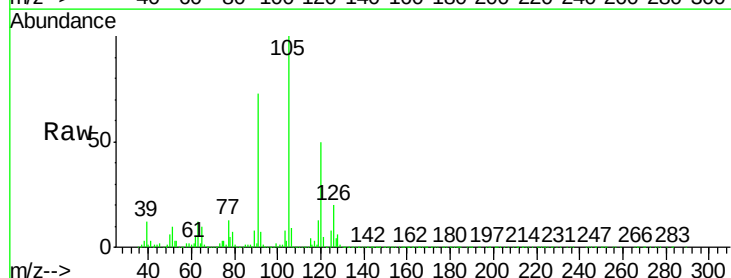
Acq: 22 Jan 2020 12:13

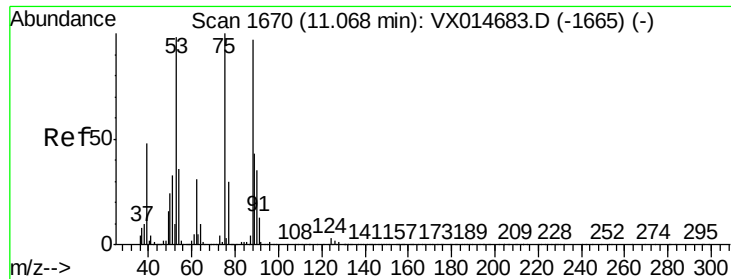
Tgt Ion: 105 Resp: 2919469

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.6





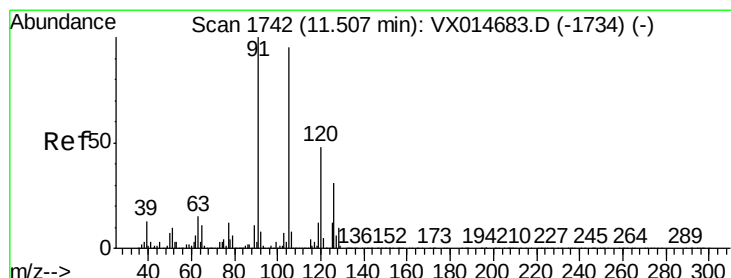
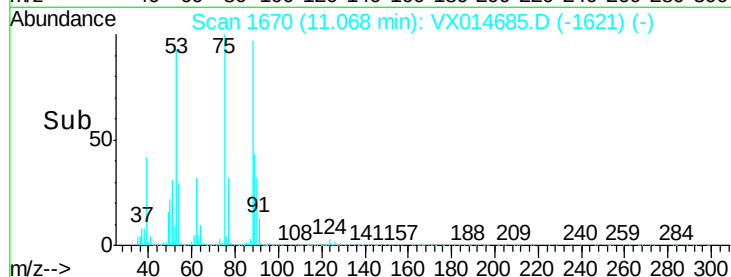
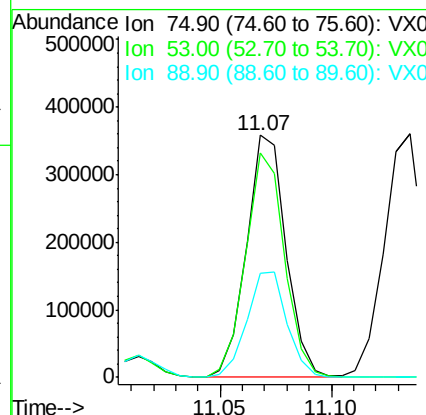
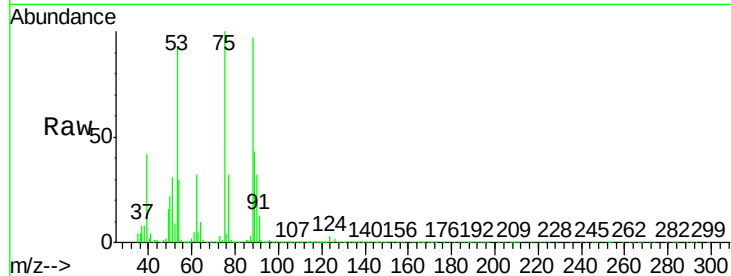
#81
trans-1,4-Dichloro-2-butene
Concen: 173.711 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.4	78.8	118.2
89	44.1	35.4	53.0

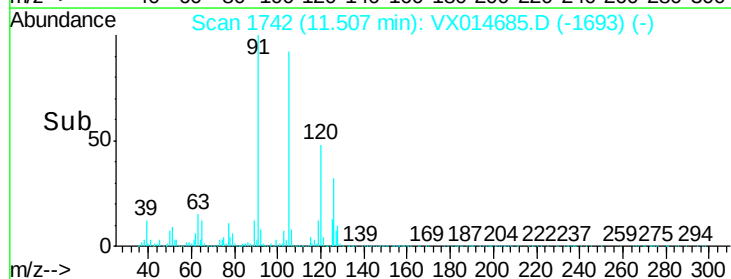
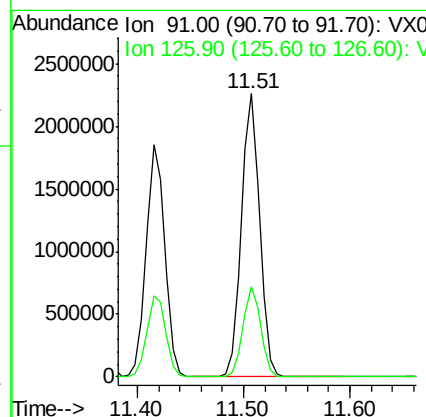
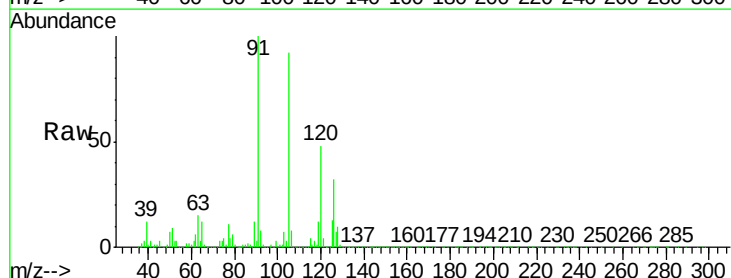
Manual Integrations
APPROVED

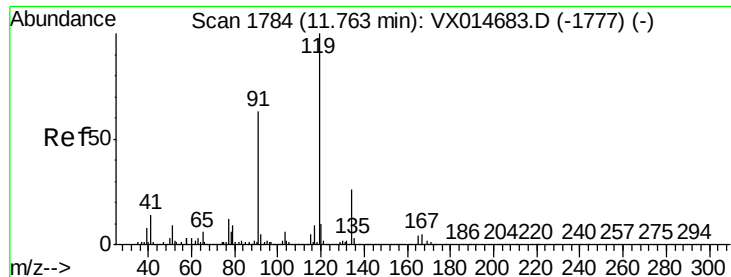
MMDadoda
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#82
4-Chlorotoluene
Concen: 155.067 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





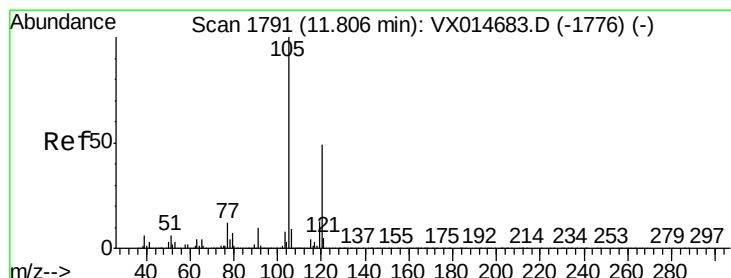
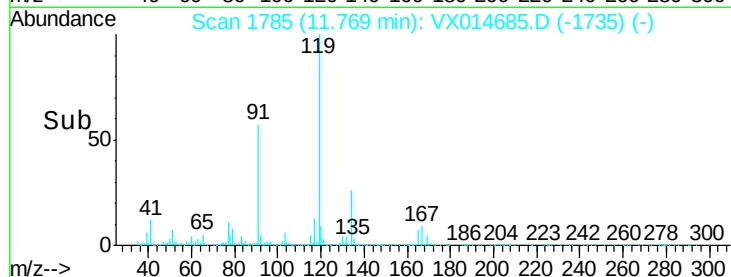
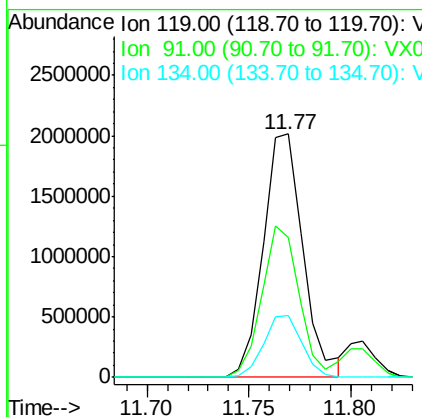
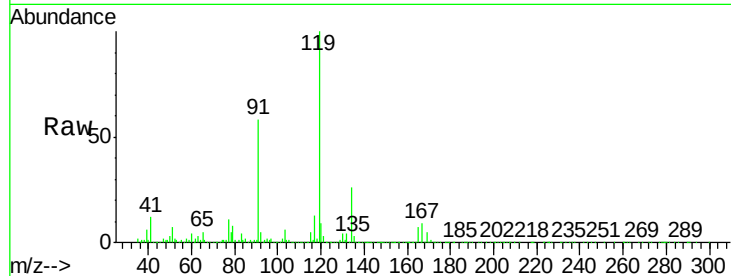
#83
tert-Butylbenzene
Concen: 156.154 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2742043
Ion Ratio Lower Upper
119 100
91 57.8 30.0 90.0
134 24.5 12.7 38.0

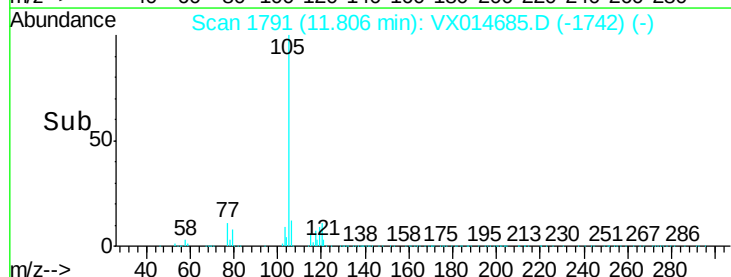
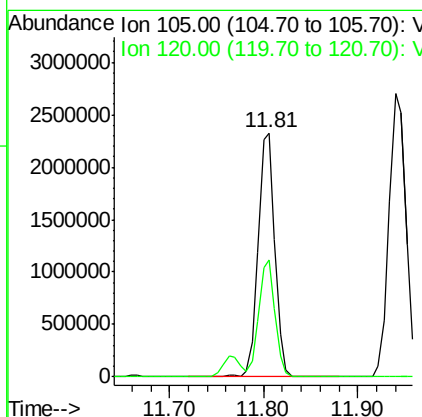
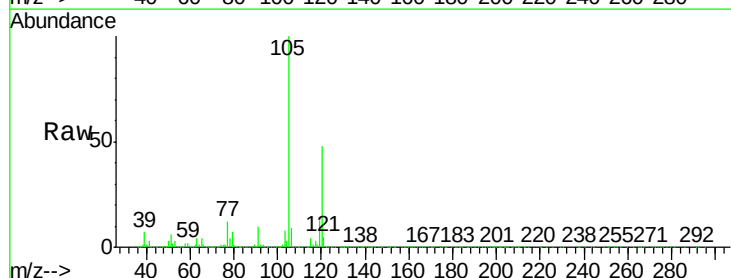
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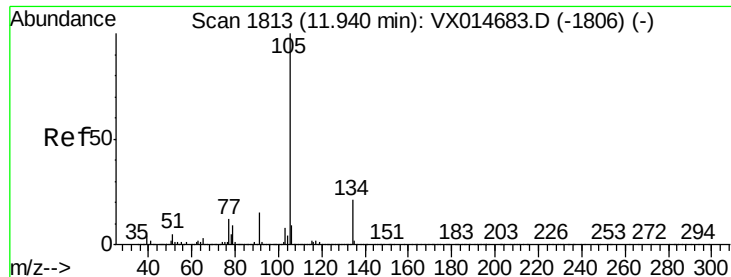
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 156.277 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion:105 Resp: 2928839
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 157.362 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3380625

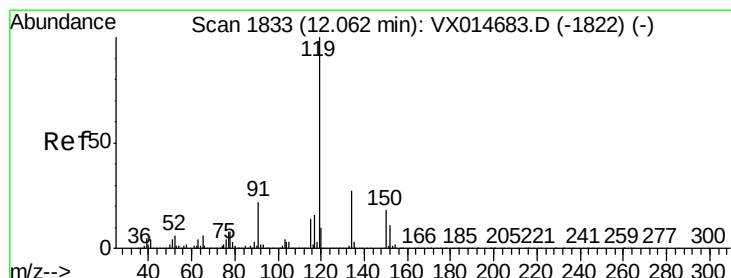
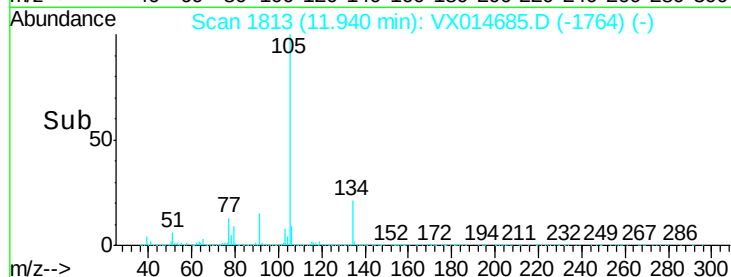
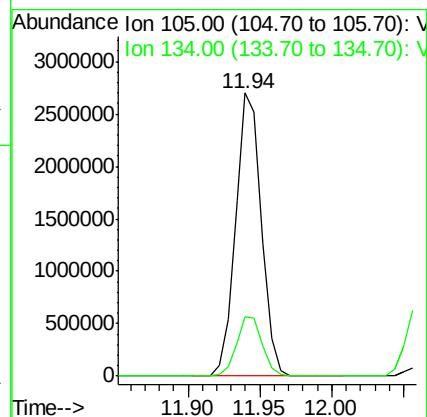
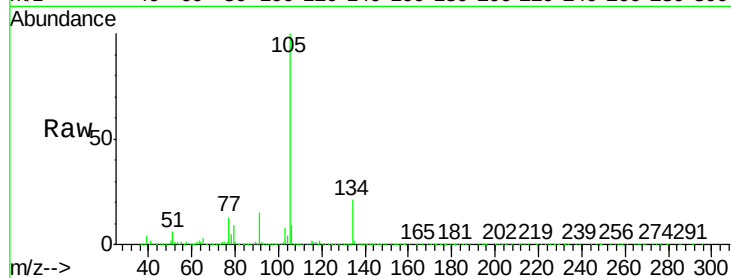
Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 159.490 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

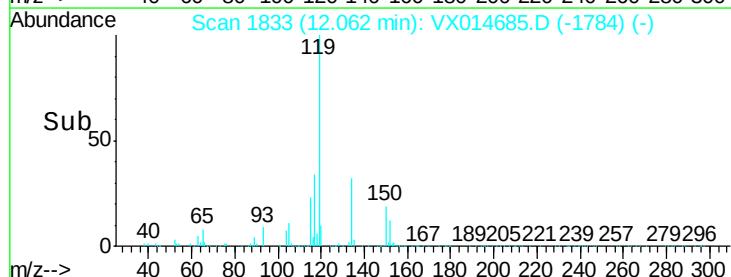
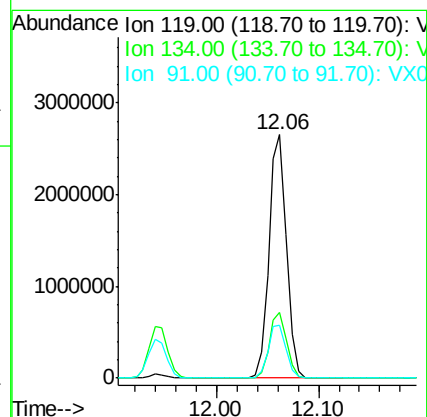
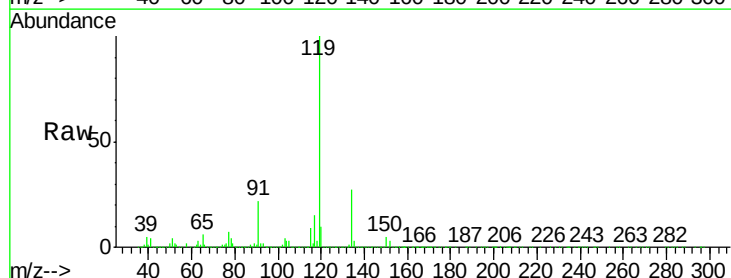
Tgt Ion:119 Resp: 3159058

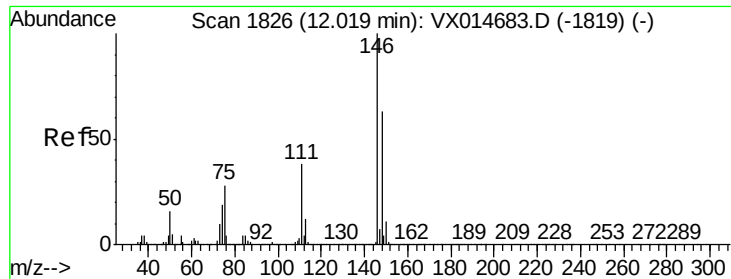
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.7 11.3 33.8





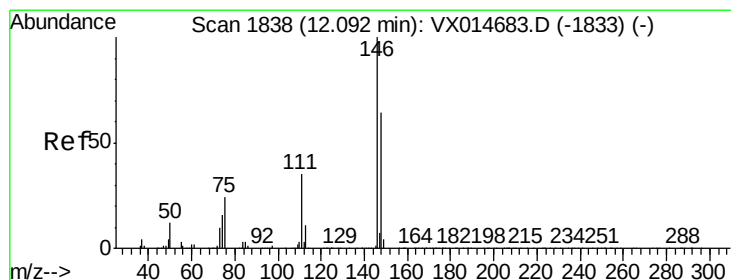
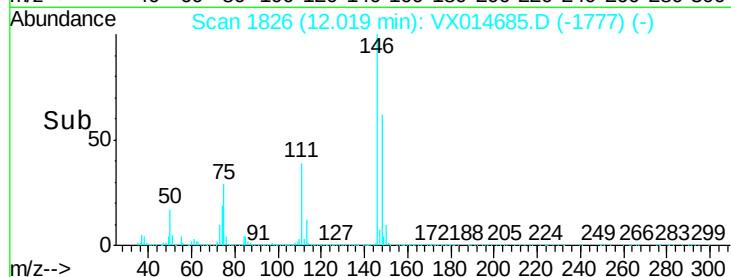
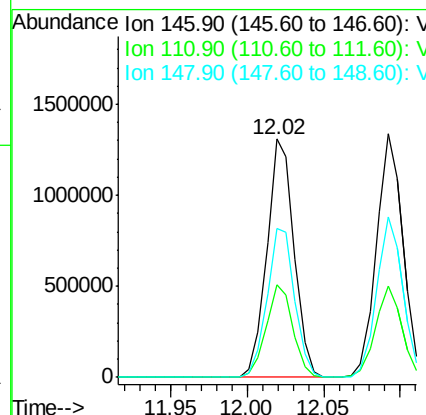
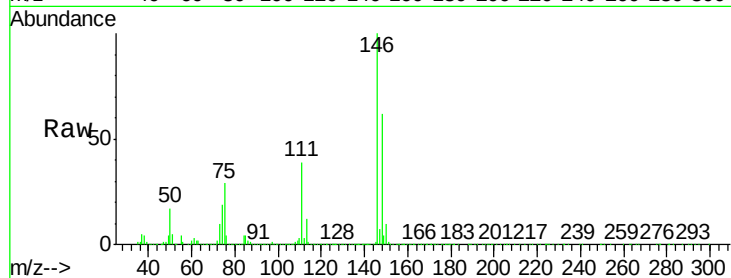
#87
 1,3-Dichlorobenzene
 Concen: 148.136 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.8	31.6	95.0

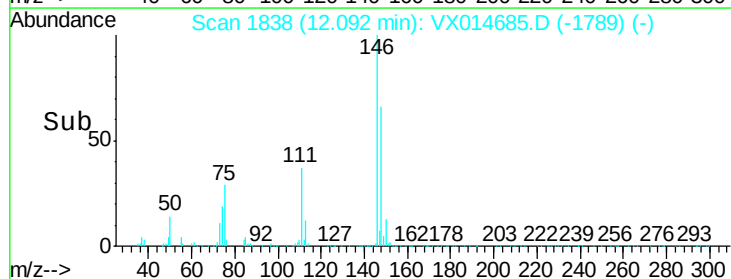
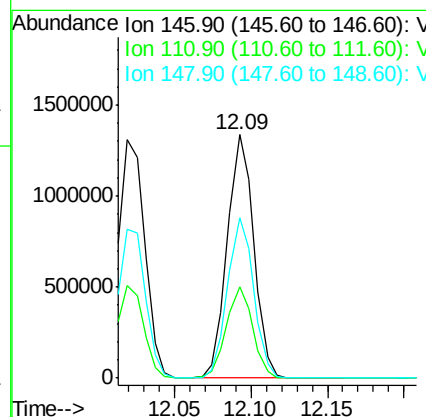
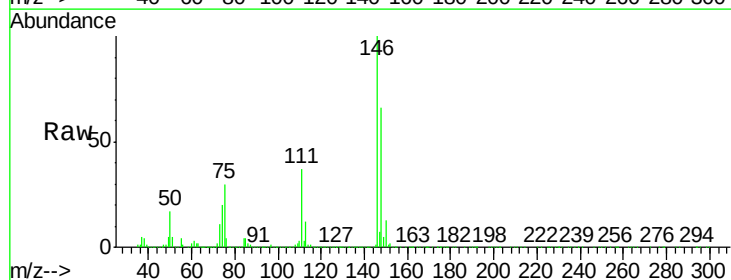
Manual Integrations
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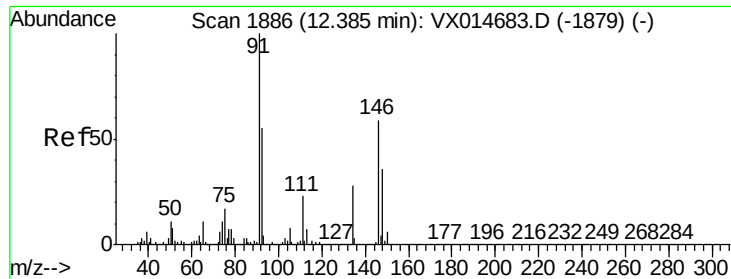
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 146.224 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014685.D
 Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	65.1	32.0	96.2





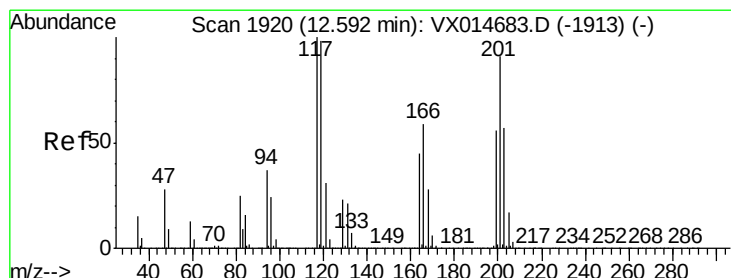
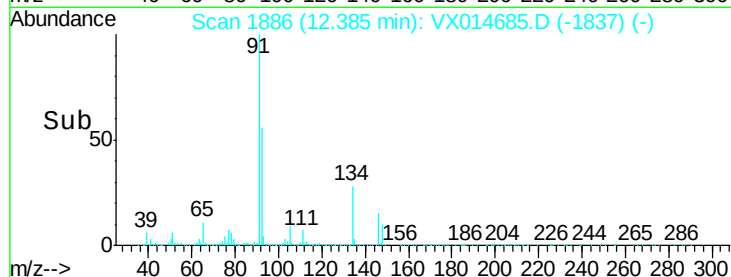
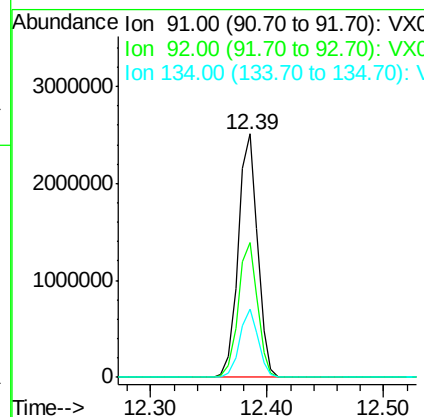
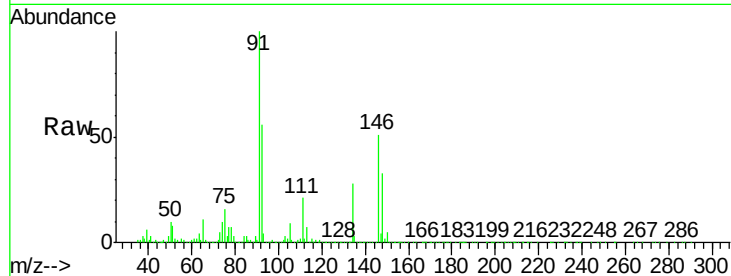
#89
n-Butylbenzene
Concen: 171.003 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2913108
Ion Ratio Lower Upper
91 100
92 55.0 27.6 82.7
134 27.0 13.3 39.8

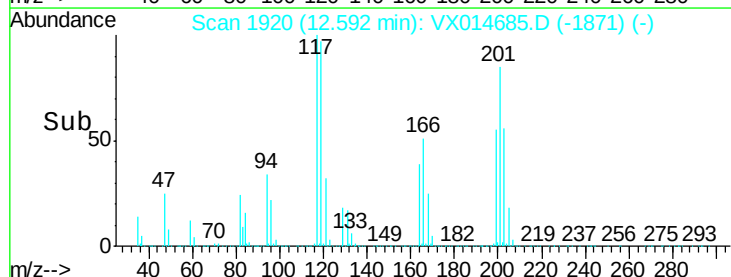
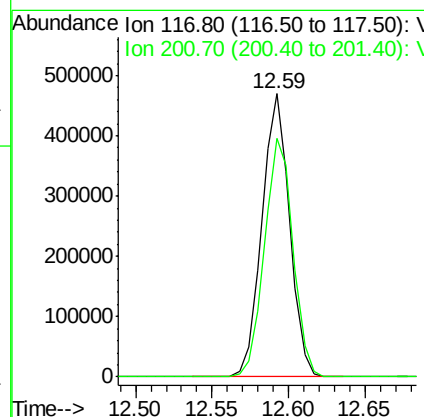
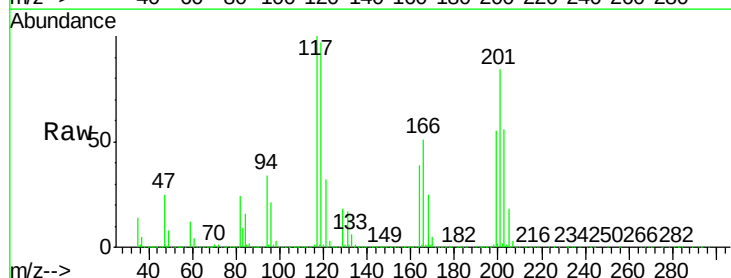
Manual Integrations
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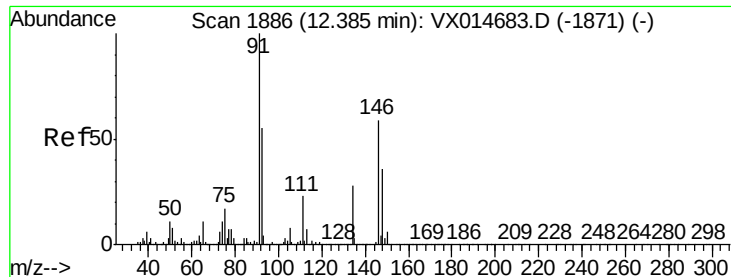
MMDadoda
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#90
Hexachloroethane
Concen: 160.987 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion: 117 Resp: 591309
Ion Ratio Lower Upper
117 100
201 86.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 148.595 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1617823

Ion Ratio Lower Upper

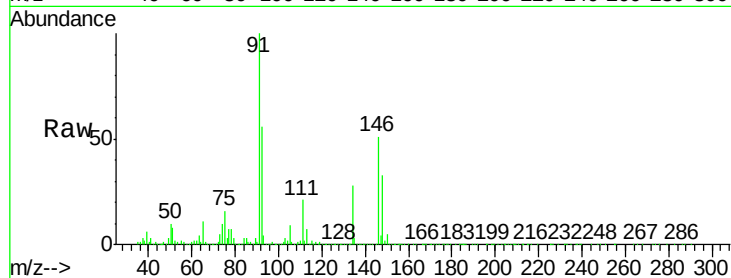
146 100

111 40.2 19.6 58.8

148 64.7 31.9 95.9

Manual Integrations
APPROVED

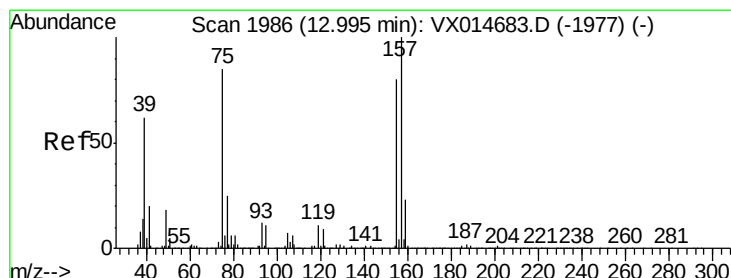
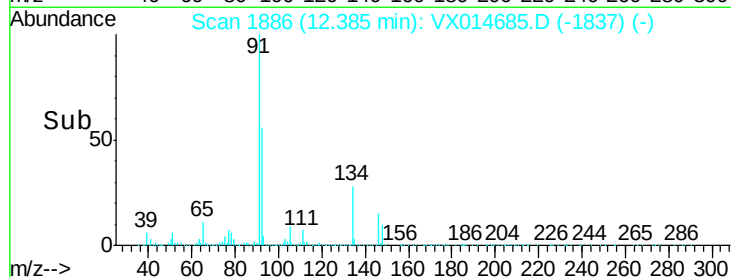
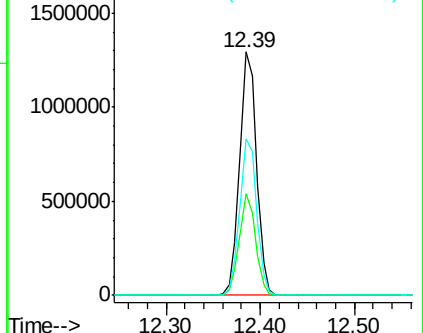
MMDadoda
1/24/2020 1:39:16 PM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.131 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

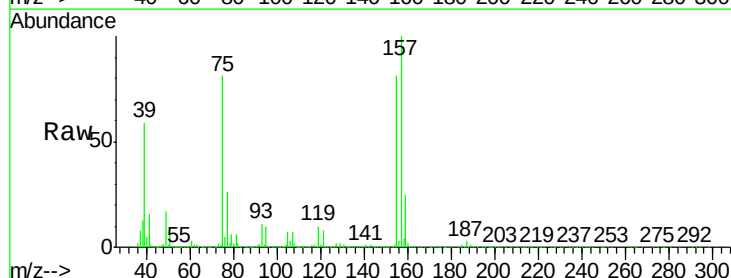
Tgt Ion: 75 Resp: 261041

Ion Ratio Lower Upper

75 100

155 97.0 45.6 136.9

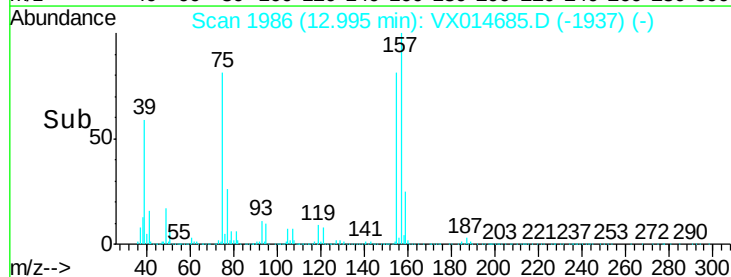
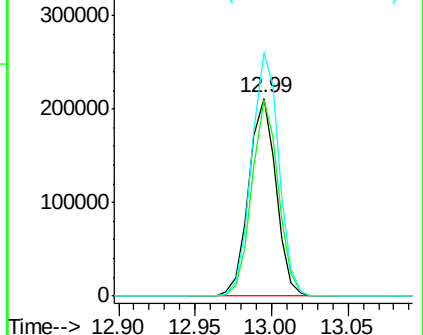
157 124.5 60.3 180.9

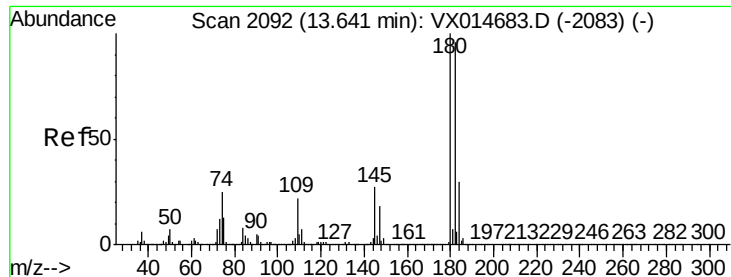


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





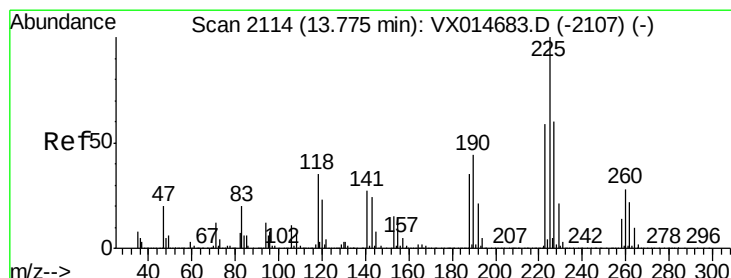
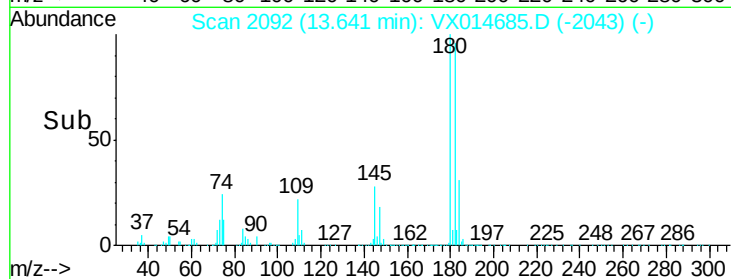
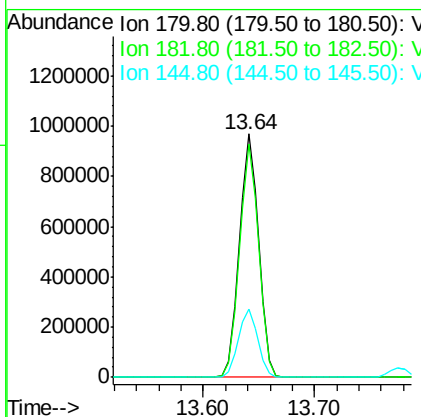
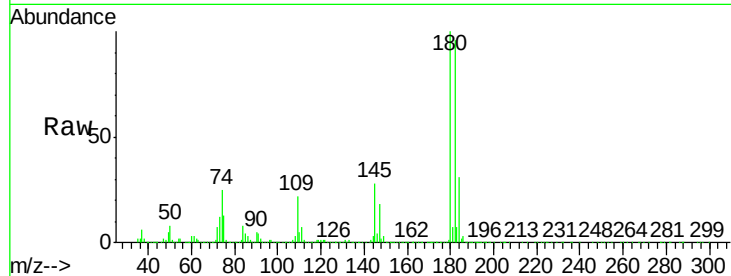
#93
1,2,4-Trichlorobenzene
Concen: 168.979 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.5	145.6
145	28.2	14.0	41.9

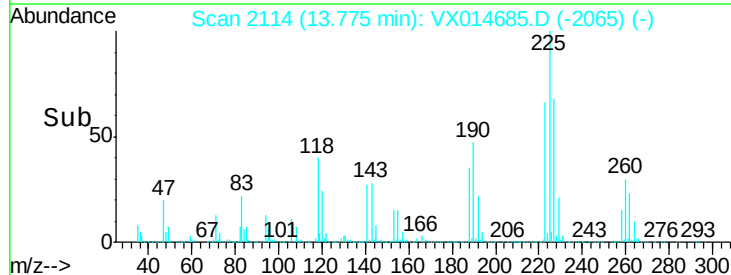
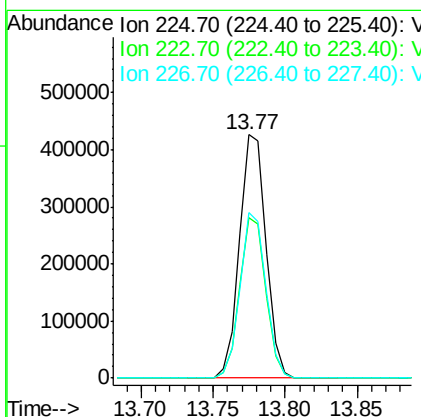
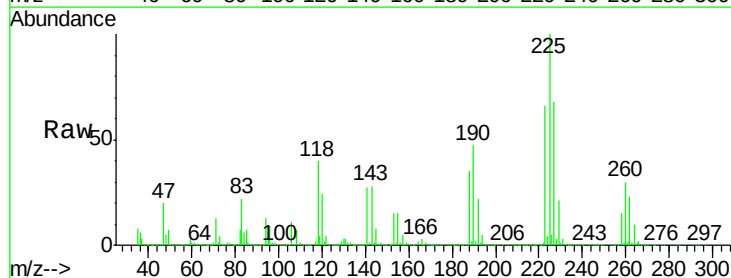
Manual Integrations
APPROVED

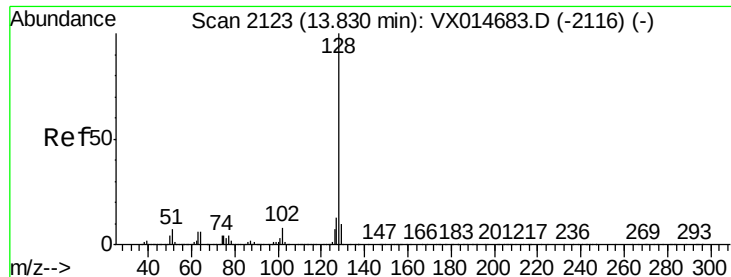
MMDadoda
1/24/2020 1:39:16 PM



#94
Hexachlorobutadiene
Concen: 150.657 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014685.D
Acq: 22 Jan 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	30.6	91.8
227	66.1	31.4	94.0





#95

Naphthalene

Concen: 174.026 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 3417526

Ion Ratio Lower Upper

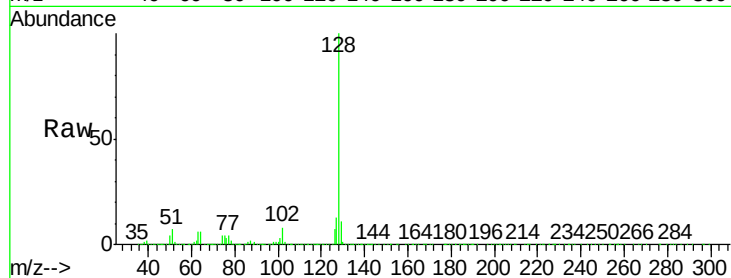
128 100

127 13.1 10.3 15.5

129 11.1 8.6 12.8

Manual Integrations
APPROVED

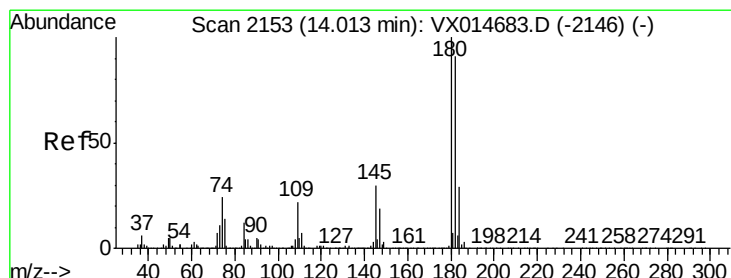
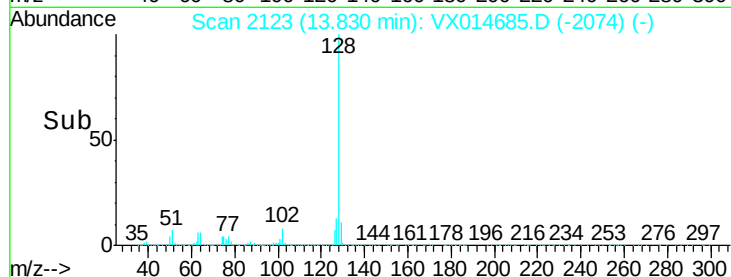
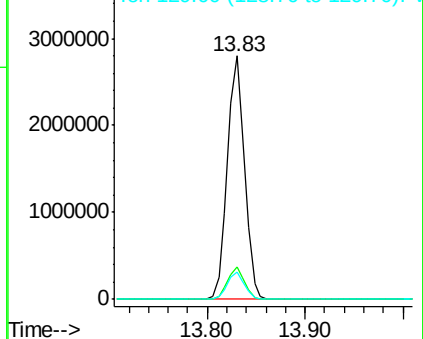
MMDadoda
1/24/2020 1:39:16 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 163.199 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014685.D

Acq: 22 Jan 2020 12:13

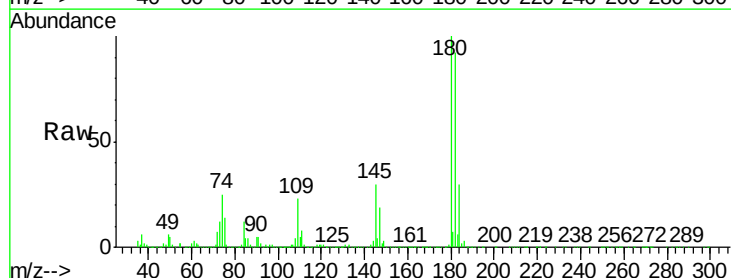
Tgt Ion:180 Resp: 1139803

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

145 30.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

