

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014700.D
 Acq On : 24 Jan 2020 16:33
 Operator : JC/SP
 Sample : VX0124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:44 AM

Quant Time: Jan 24 23:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	643904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291764	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	248762	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	5.48	113	201194	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	787811	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	276117	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	105912	18.919	ug/l	98
3) Chloromethane	1.32	50	110292	19.203	ug/l	99
4) Vinyl Chloride	1.40	62	123750	19.927	ug/l	98
5) Bromomethane	1.64	94	69196	16.404	ug/l	100
6) Chloroethane	1.72	64	70338	18.937	ug/l	99
7) Trichlorofluoromethane	1.92	101	136121	18.824	ug/l	97
8) Diethyl Ether	2.18	74	61071	19.349	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80773	19.028	ug/l	98
10) Methyl Iodide	2.50	142	105150	18.878	ug/l	99
11) Tert butyl alcohol	3.02	59	94292	84.711	ug/l	97
12) 1,1-Dichloroethene	2.37	96	77247	18.302	ug/l	93
13) Acrolein	2.28	56	109474	124.734	ug/l	100
14) Allyl chloride	2.72	41	141797	18.691	ug/l	98
15) Acrylonitrile	3.13	53	244715	95.018	ug/l	99
16) Acetone	2.43	43	214897	79.188	ug/l	100
17) Carbon Disulfide	2.56	76	205286	17.796	ug/l	100
18) Methyl Acetate	2.76	43	151131	19.485	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275734	19.946	ug/l	100
20) Methylene Chloride	2.85	84	93875	18.670	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83908	18.056	ug/l	96
22) Diisopropyl ether	3.84	45	302012	20.010	ug/l	92
23) Vinyl Acetate	3.80	43	1141434	99.209	ug/l	99
24) 1,1-Dichloroethane	3.69	63	156827	19.133	ug/l	98
25) 2-Butanone	4.65	43	338512	86.950	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121768	18.560	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	97374	18.722	ug/l	99
28) Bromochloromethane	5.00	49	70925	19.691	ug/l	95
29) Tetrahydrofuran	5.11	42	221268	95.759	ug/l	99
30) Chloroform	5.20	83	153105	18.856	ug/l	99
31) Cyclohexane	5.56	56	143884	18.663	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	129093	18.809	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113902	19.037	ug/l	98
37) Ethyl Acetate	4.81	43	129939	18.962	ug/l	99
38) Carbon Tetrachloride	5.78	117	109104	19.094	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144192	19.237	ug/l	97
40) Benzene	6.13	78	359189	19.430	ug/l	100
41) Methacrylonitrile	5.03	41	71098	18.023	ug/l	95
42) 1,2-Dichloroethane	6.18	62	126543	19.822	ug/l	99
43) Isopropyl Acetate	6.43	43	215164	19.174	ug/l	99
44) Trichloroethene	7.21	130	98832	18.927	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94198	19.779	ug/l	96
46) Dibromomethane	7.65	93	62452	20.247	ug/l	96
47) Bromodichloromethane	7.89	83	117740	19.462	ug/l	94
48) Methyl methacrylate	7.76	41	104897	19.564	ug/l	97
49) 1,4-Dioxane	7.73	88	42037	369.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	672980	95.020	ug/l	100
52) Toluene	8.78	92	224579	19.763	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	125798	19.311	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	144860	20.214	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93610	20.120	ug/l	99
56) Ethyl methacrylate	9.17	69	141247	19.053	ug/l	100
57) 1,3-Dichloropropane	9.37	76	157419	19.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	221034	94.465	ug/l	100
59) 2-Hexanone	9.48	43	503040	91.529	ug/l	100
60) Dibromochloromethane	9.57	129	91795	18.902	ug/l	97
61) 1,2-Dibromoethane	9.67	107	96421	19.601	ug/l	99
64) Tetrachloroethene	9.33	164	111314	19.378	ug/l	98
65) Chlorobenzene	10.13	112	242153	19.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	87606	19.142	ug/l	99
67) Ethyl Benzene	10.25	91	419819	19.808	ug/l	98
68) m/p-Xylenes	10.36	106	322563	40.173	ug/l	100
69) o-Xylene	10.70	106	154235	19.897	ug/l	98
70) Styrene	10.71	104	263251	20.245	ug/l	100
71) Bromoform	10.85	173	68968	18.950	ug/l #	99
73) Isopropylbenzene	11.01	105	412714	20.118	ug/l	100
74) N-amyl acetate	10.89	43	177094	19.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135535	18.504	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	115159m	16.965	ug/l	
77) Bromobenzene	11.25	156	109695	19.904	ug/l	97
78) n-propylbenzene	11.35	91	466705	20.042	ug/l	100
79) 2-Chlorotoluene	11.42	91	279754	19.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	342796	20.133	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42352	17.755	ug/l	97
82) 4-Chlorotoluene	11.51	91	323019	20.138	ug/l	100
83) tert-Butylbenzene	11.76	119	316740	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	345041	20.203	ug/l	98
85) sec-Butylbenzene	11.94	105	392841	20.043	ug/l	99
86) p-Isopropyltoluene	12.06	119	360520	19.903	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190254	19.208	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	192453	19.398	ug/l	99
89) n-Butylbenzene	12.39	91	308595	19.561	ug/l	99
90) Hexachloroethane	12.59	117	61904	18.399	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189691	19.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28348	18.013	ug/l	98

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

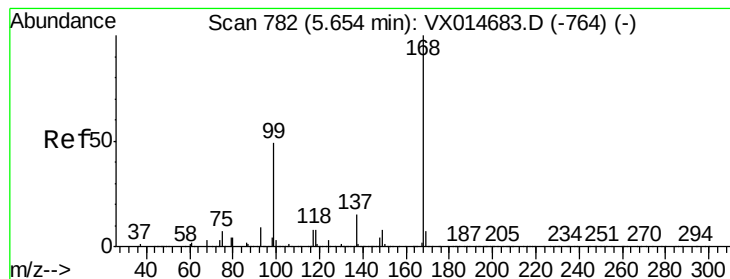
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128446	20.252	ug/l	97
94) Hexachlorobutadiene	13.78	225	61369	18.800	ug/l	98
95) Naphthalene	13.83	128	387368	19.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130229	20.307	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampled :

VX0124WBSD02

Tot Ion:168 Resp: 424566

Ion Ratio Lower Upper

168 100

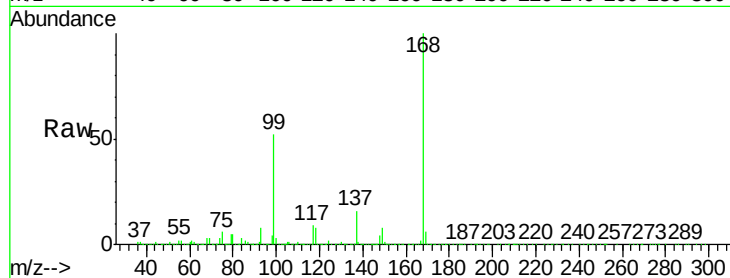
99 51.8 39.8 59.6

Manual Integrations

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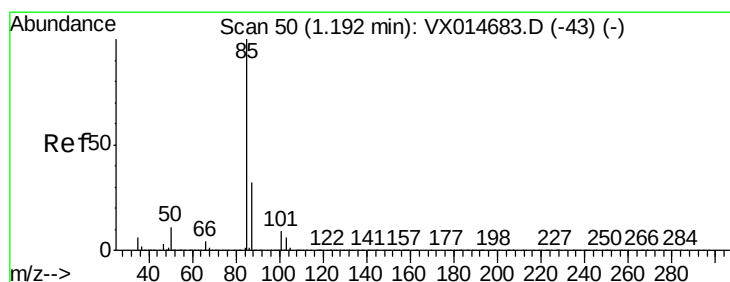
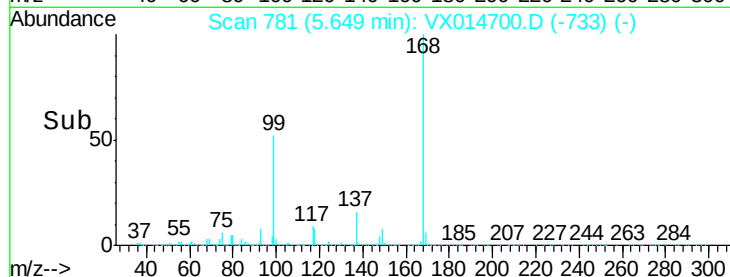
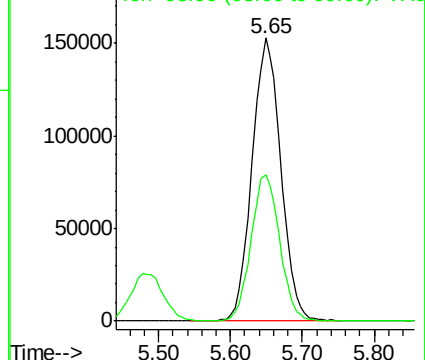
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.919 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014700.D

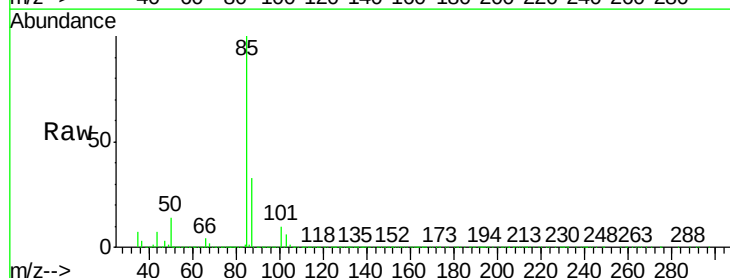
Acq: 24 Jan 2020 16:33

Tgt Ion: 85 Resp: 105912

Ion Ratio Lower Upper

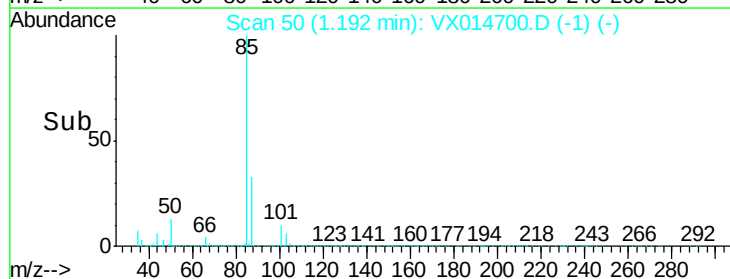
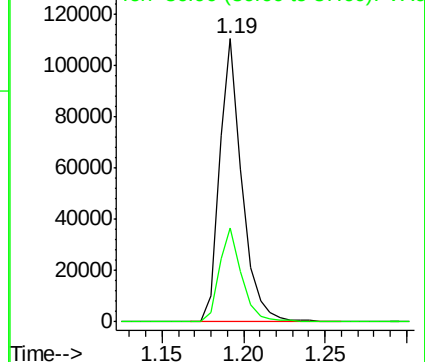
85 100

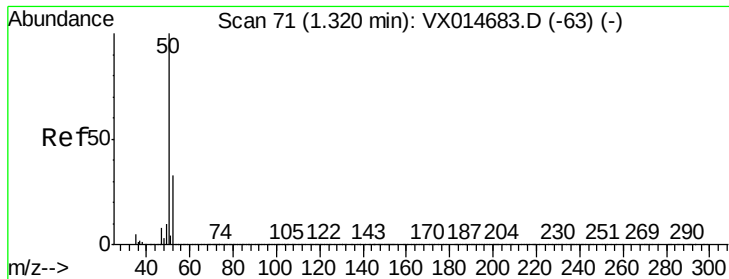
87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.203 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 50 Resp: 110292

Ion Ratio Lower Upper

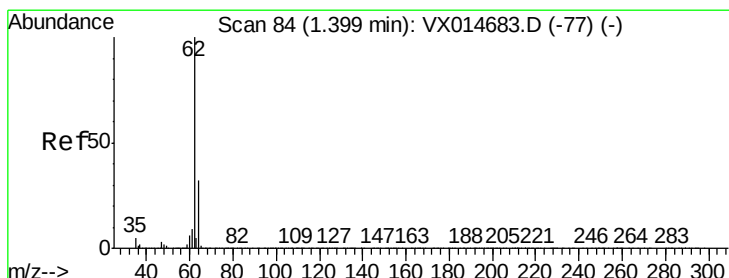
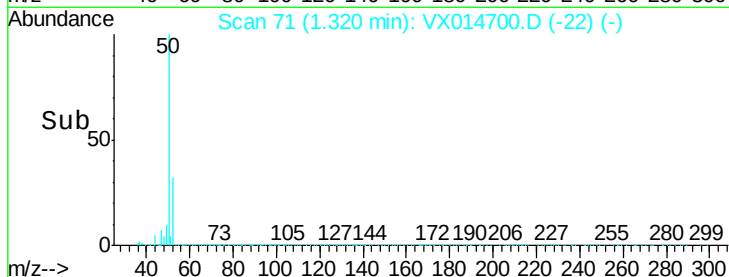
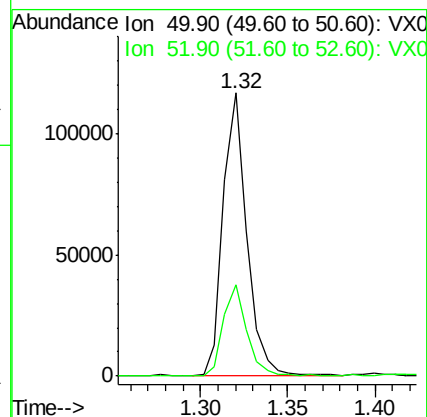
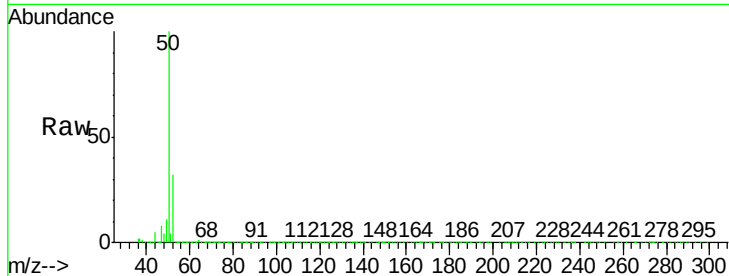
50 100

52 32.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 19.927 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014700.D

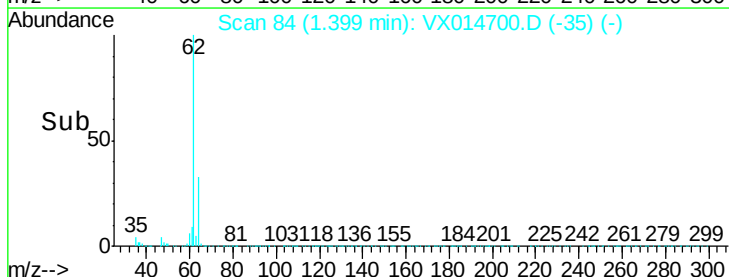
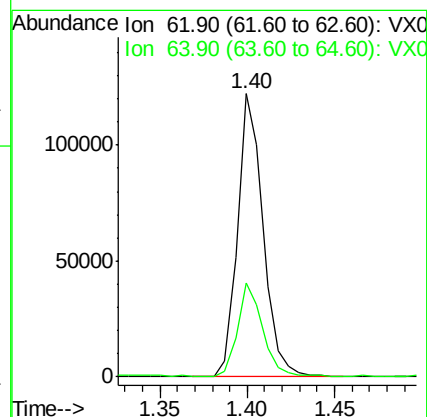
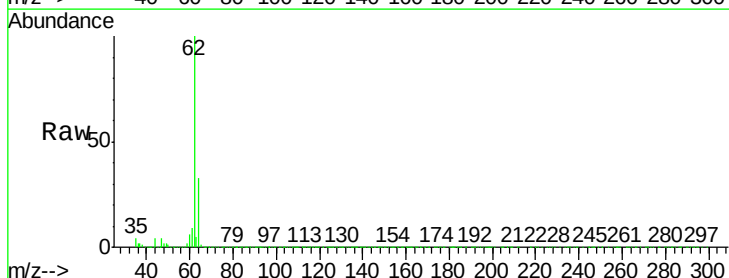
Acq: 24 Jan 2020 16:33

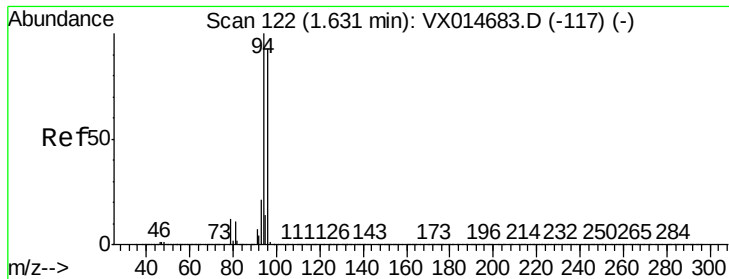
Tgt Ion: 62 Resp: 123750

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 16.404 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 94 Resp: 69196

Ion Ratio Lower Upper

94 100

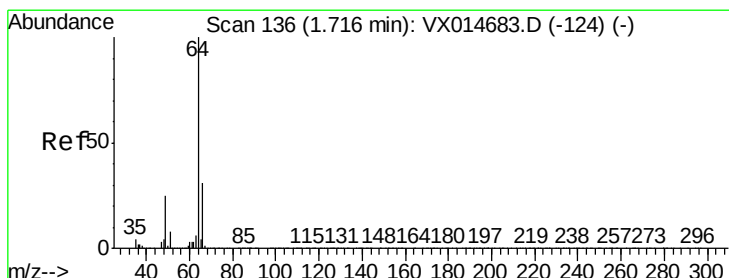
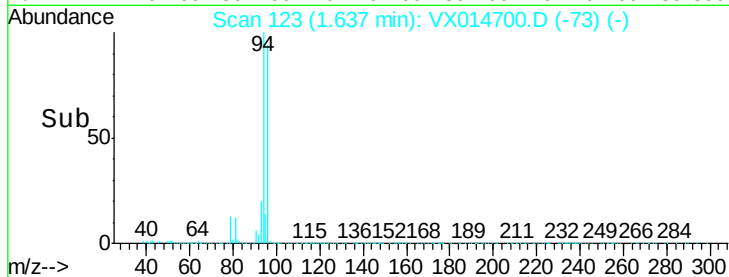
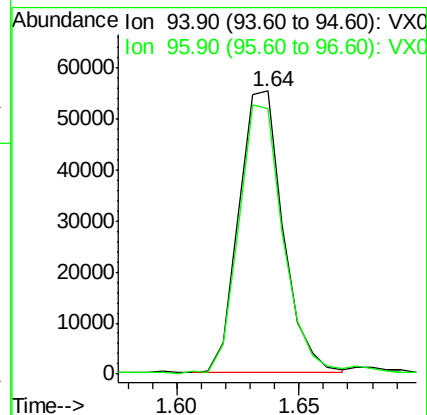
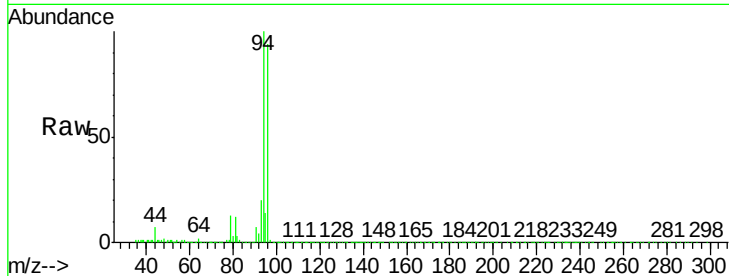
96 93.1 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 18.937 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014700.D

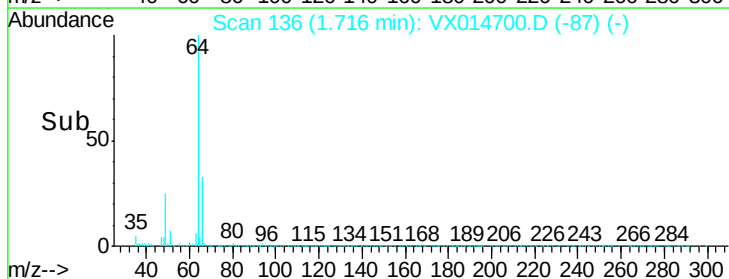
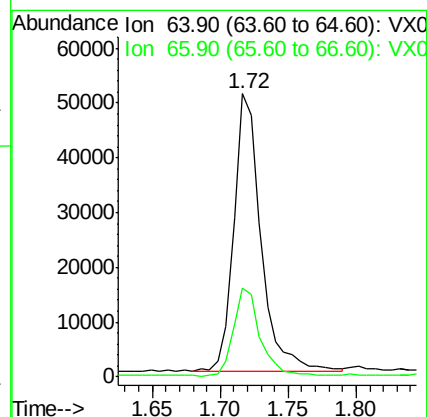
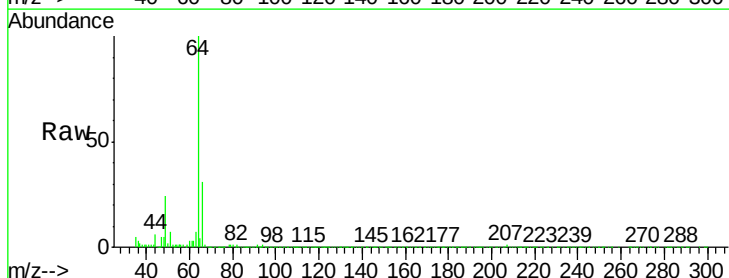
Acq: 24 Jan 2020 16:33

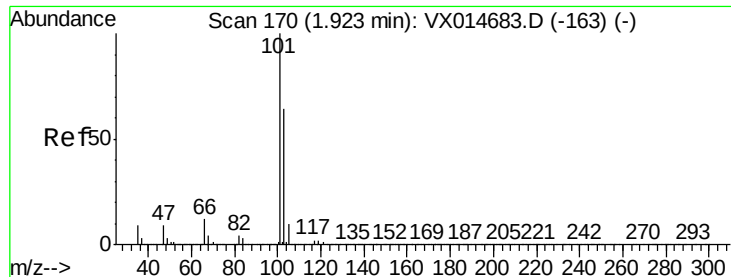
Tgt Ion: 64 Resp: 70338

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8





#7

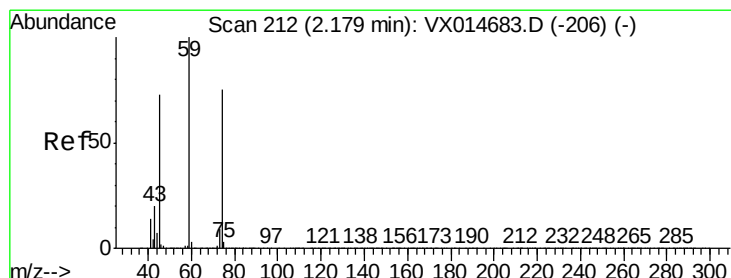
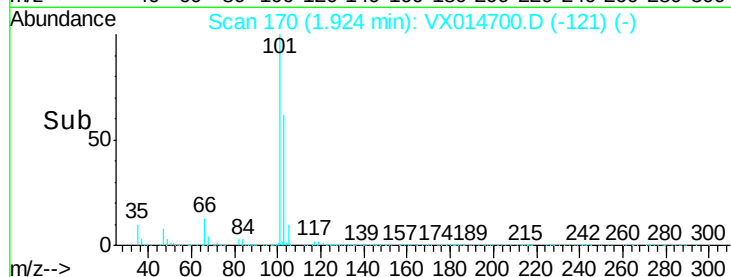
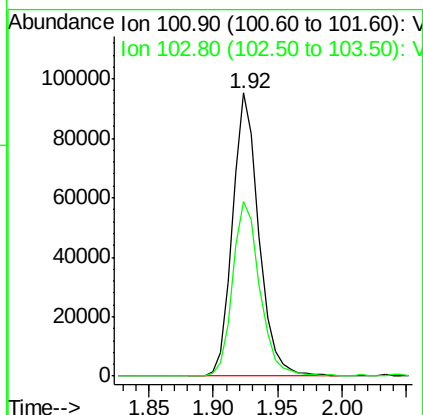
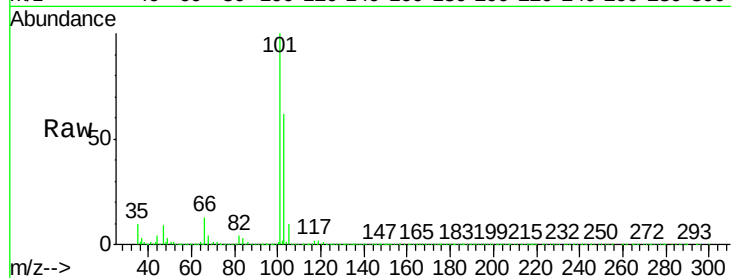
Trichlorofluoromethane
Concen: 18.824 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
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ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136121		
103	61.6	51.0	76.6	

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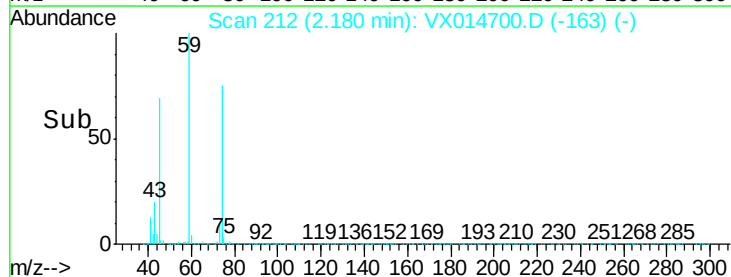
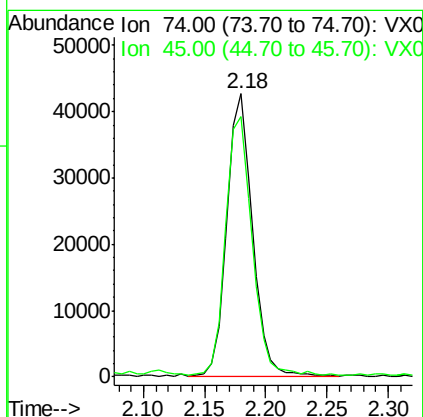
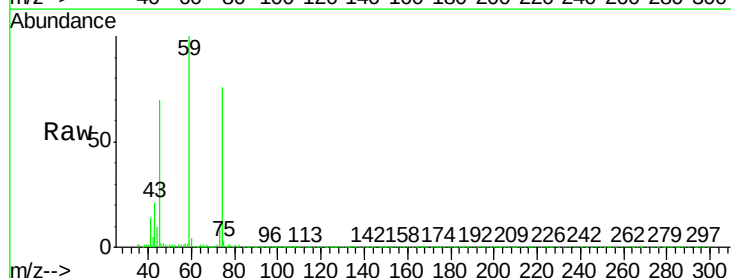
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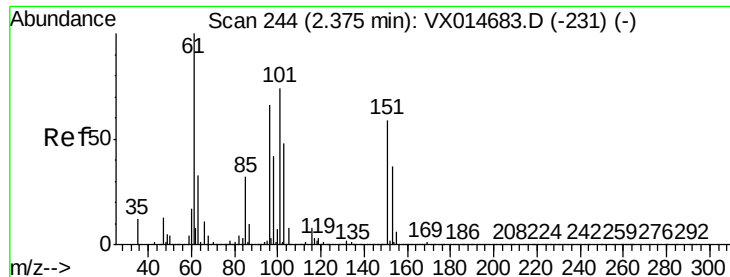


#8

Diethyl Ether
Concen: 19.349 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61071		
45	95.4	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.028 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

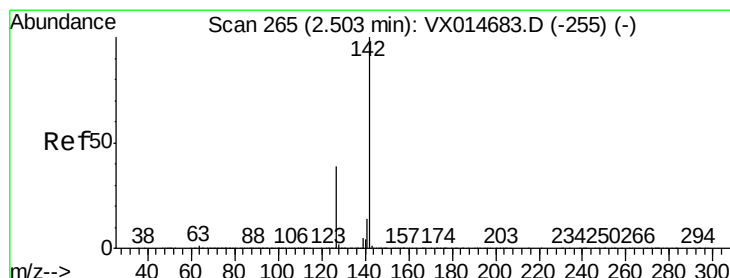
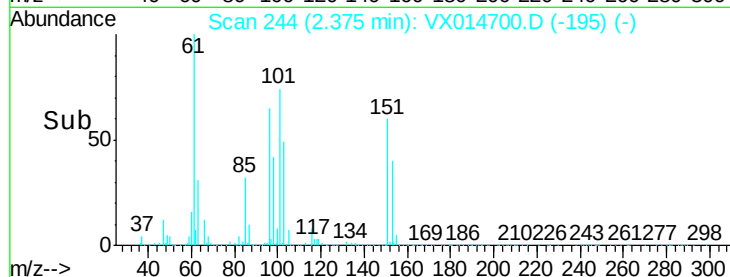
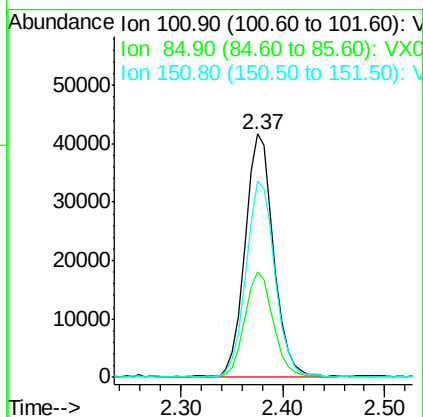
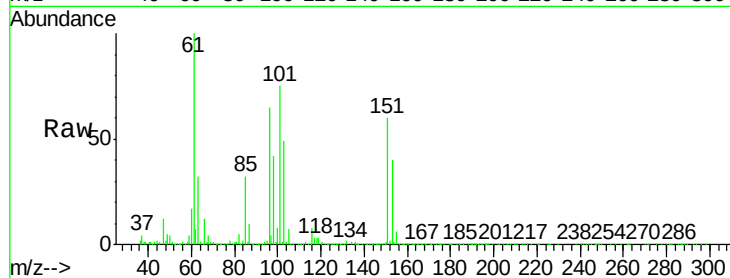
ClientSampleId :

VX0124WBSD02

Tot Ion:	101	Resp:	80773
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.7	52.1
151	82.6	64.7	97.1

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#10

Methyl Iodide

Concen: 18.878 ug/l

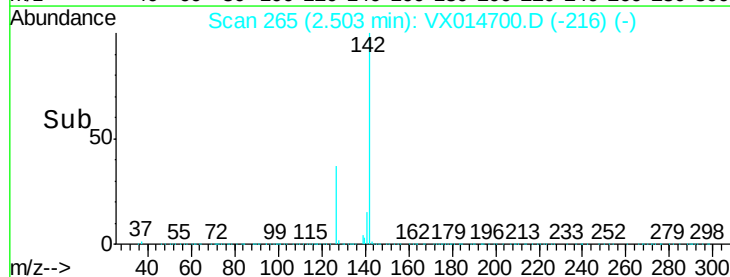
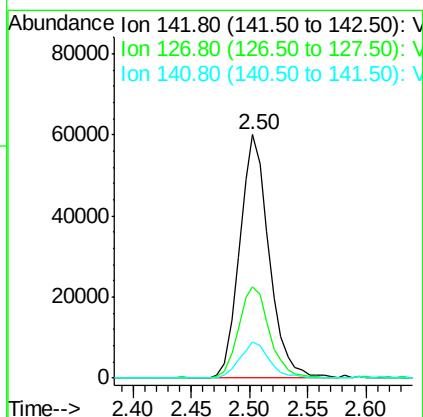
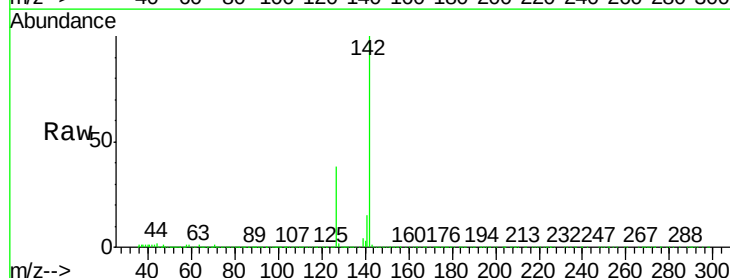
RT: 2.50 min Scan# 265

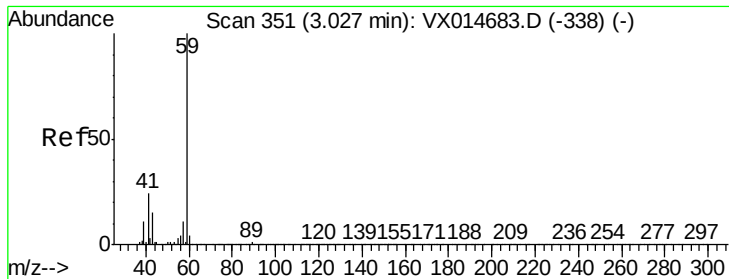
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	142	Resp:	105150
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.1	46.7
141	15.3	11.3	16.9





#11

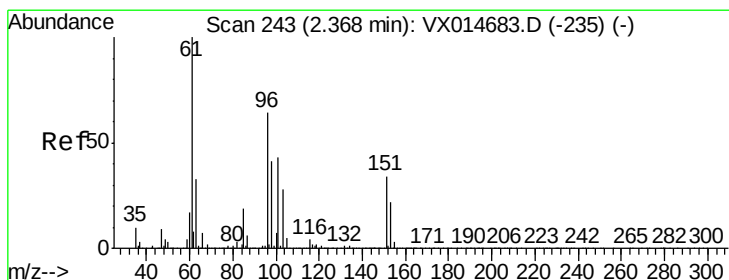
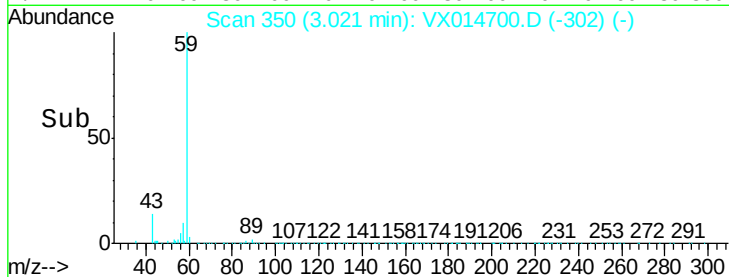
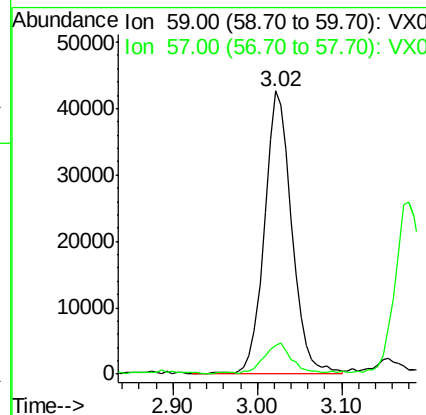
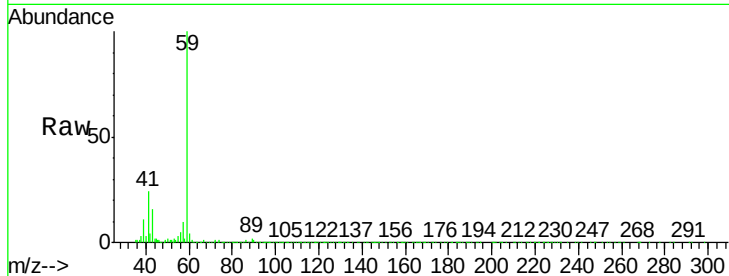
Tert butyl alcohol
Concen: 84.711 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.3	12.5

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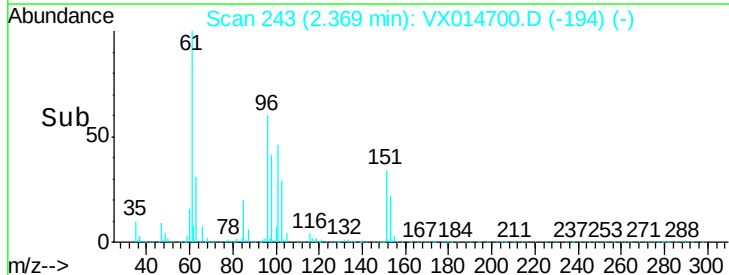
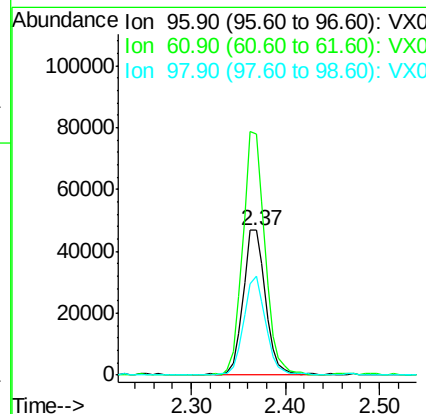
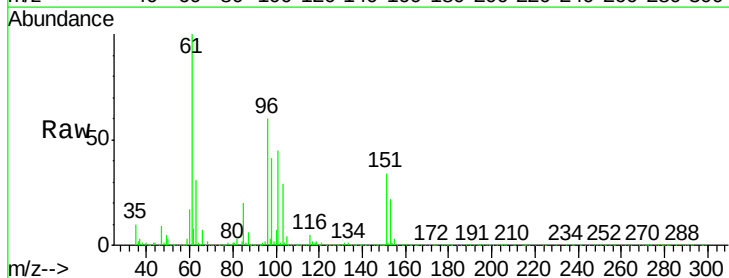
MMDadoda
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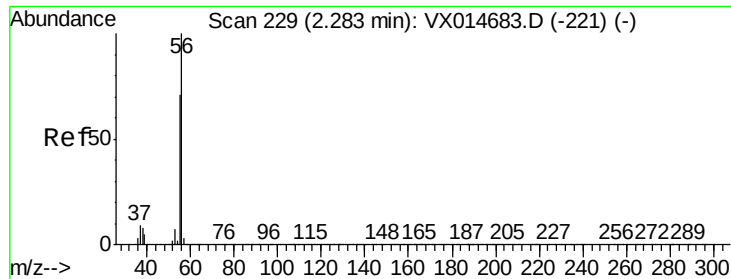


#12

1,1-Dichloroethene
Concen: 18.302 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	125.8	188.8
98	68.2	51.5	77.3





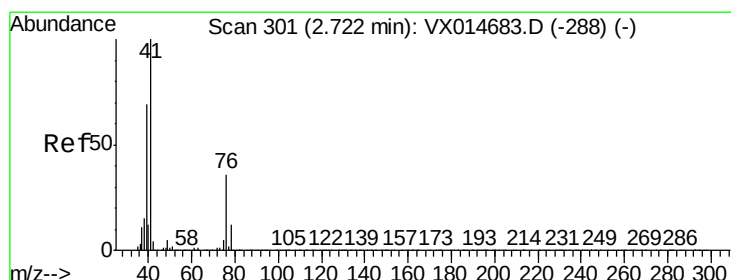
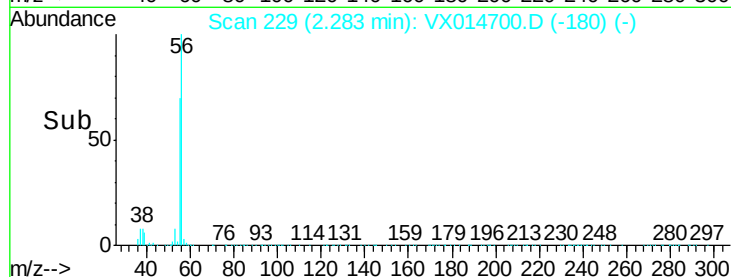
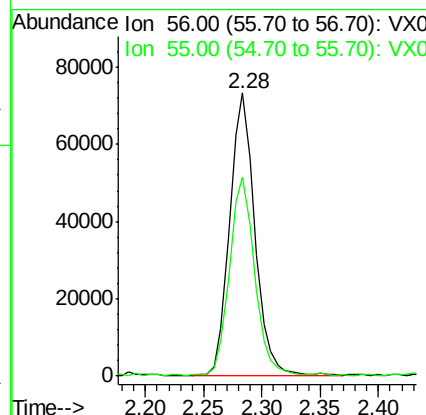
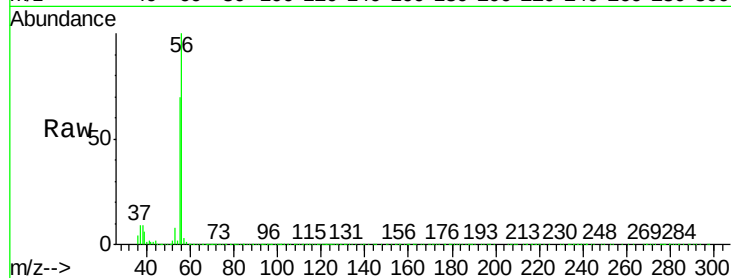
#13
Acrolein
Concen: 124.734 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	56	Resp	109474
Ion Ratio	100	Lower	Upper
55	70.7	56.6	84.8

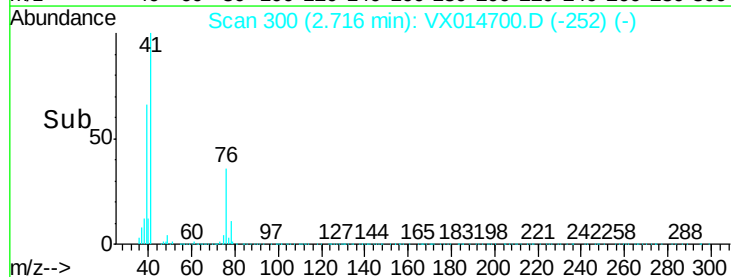
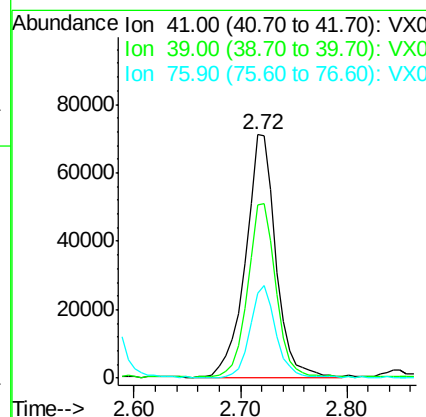
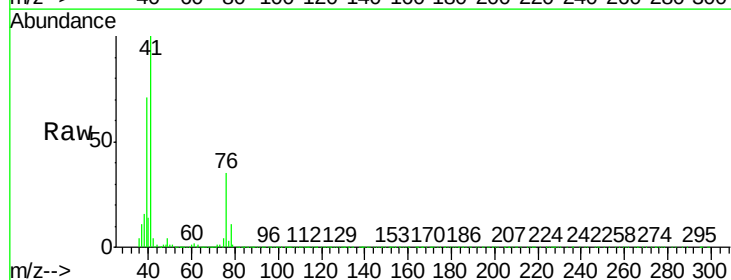
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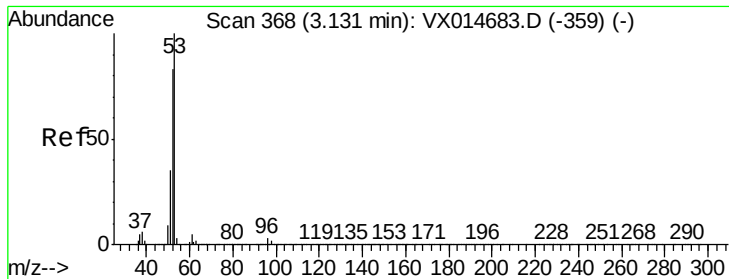
MMDadoda
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#14
Allyl chloride
Concen: 18.691 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	41	Resp	141797
Ion Ratio	100	Lower	Upper
39	66.9	52.0	78.0
76	31.8	26.0	39.0





#15

Acrylonitrile

Concen: 95.018 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

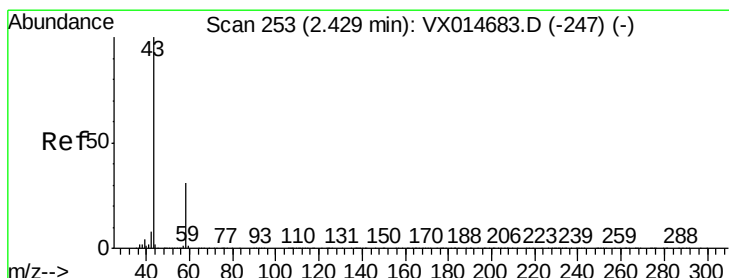
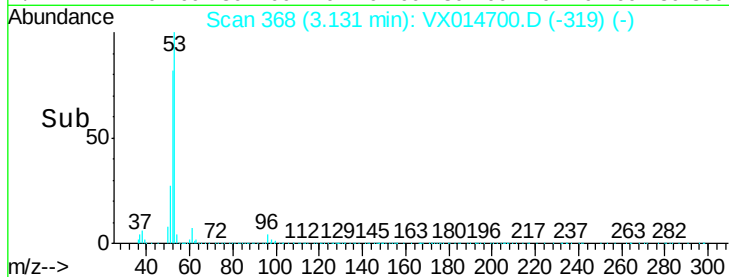
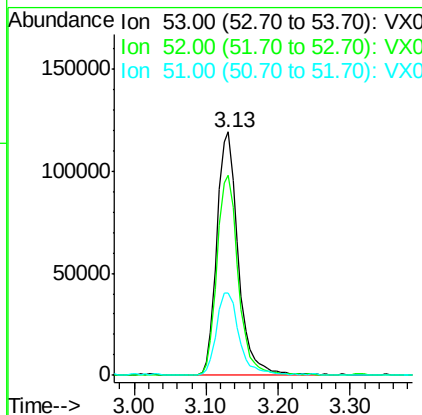
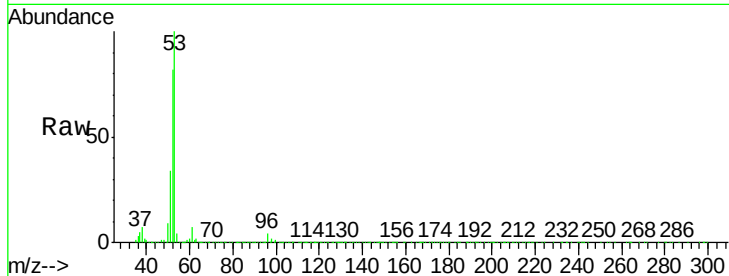
ClientSampleId :

VX0124WBSD02

Tot Ion:	53	Resp:	244715
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.4	99.6
51	35.9	28.7	43.1

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#16

Acetone

Concen: 79.188 ug/l

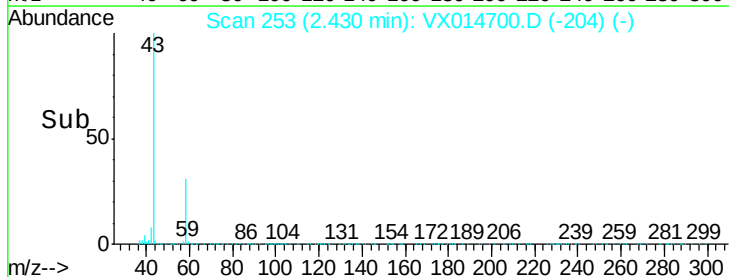
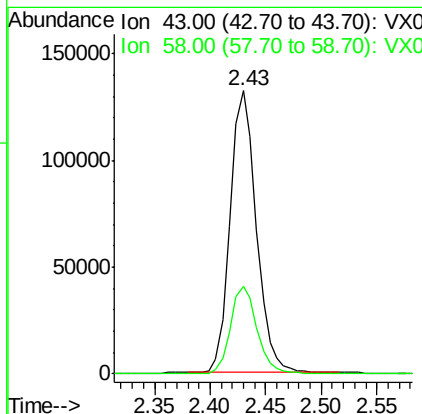
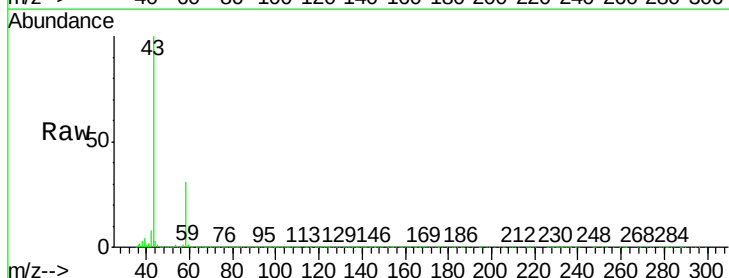
RT: 2.43 min Scan# 253

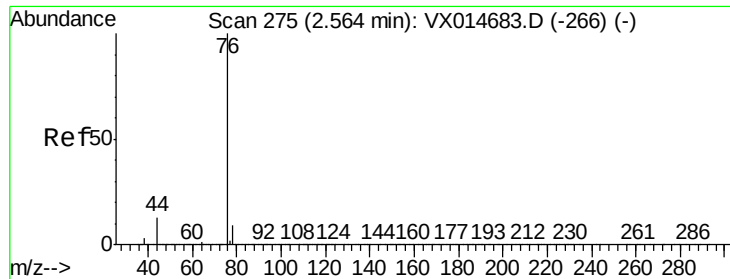
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	43	Resp:	214897
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.5	36.7





#17

Carbon Disulfide

Concen: 17.796 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 76 Resp: 205286

Ion Ratio Lower Upper

76 100

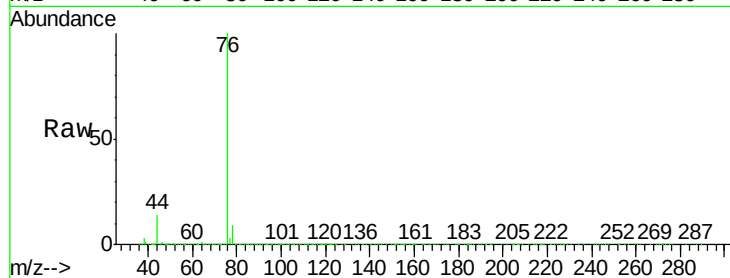
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

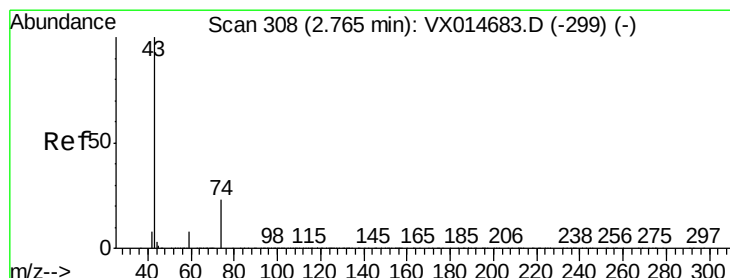
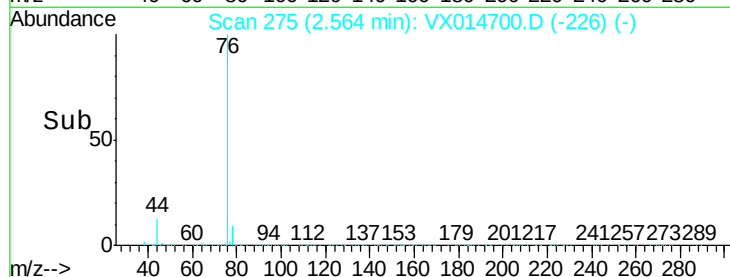
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.485 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014700.D

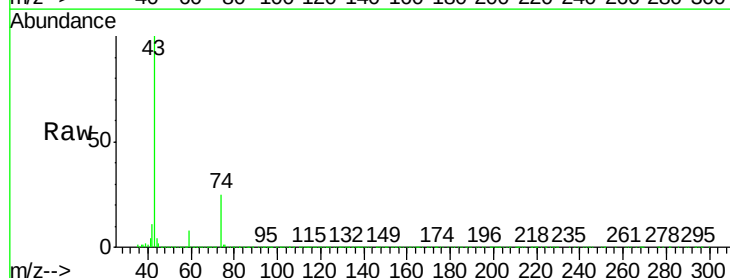
Acq: 24 Jan 2020 16:33

Tgt Ion: 43 Resp: 151131

Ion Ratio Lower Upper

43 100

74 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

2.76

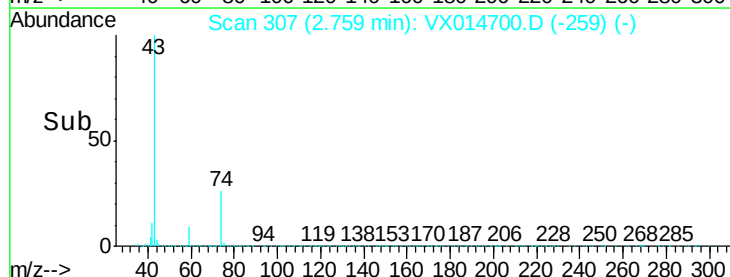
60000

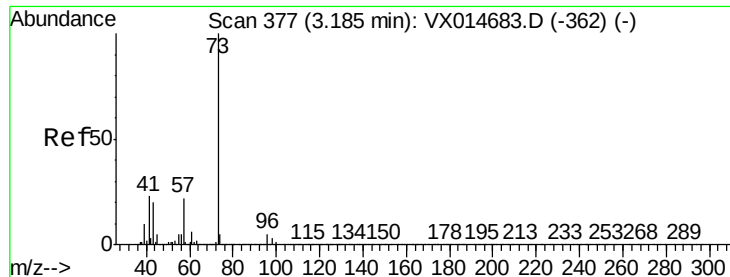
40000

20000

0

Time-->





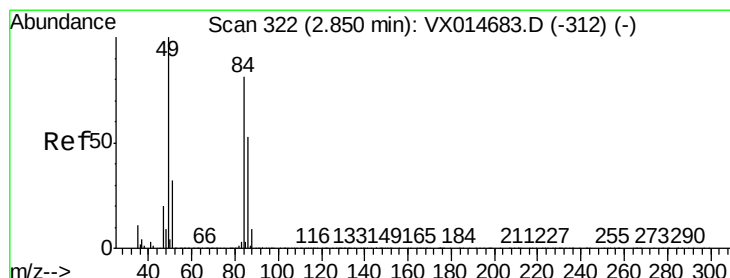
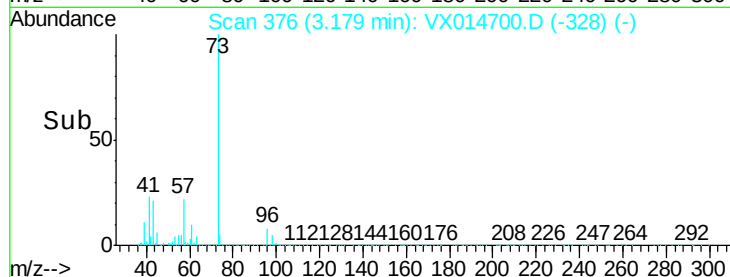
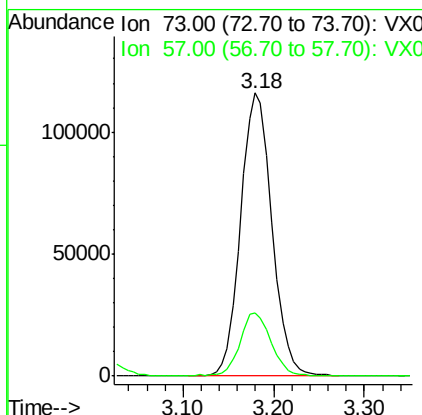
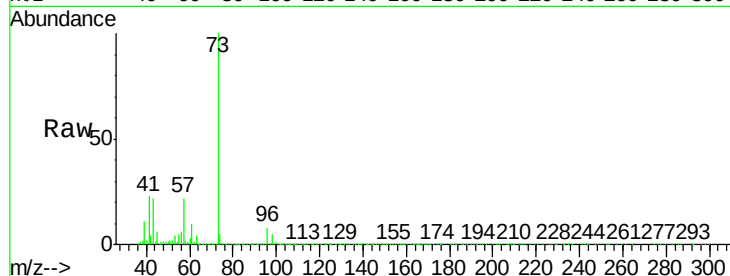
#19
Methyl tert-butyl Ether
Concen: 19.946 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleID :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.0	27.0

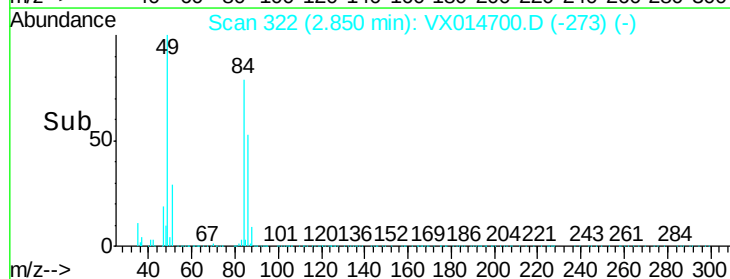
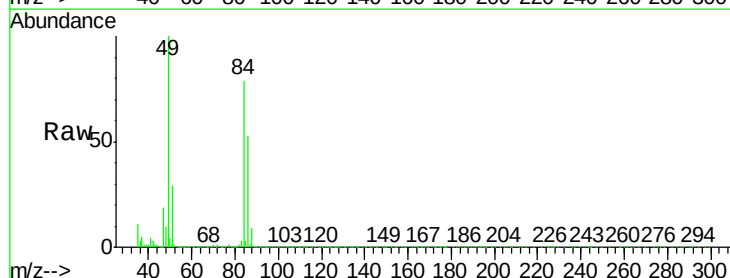
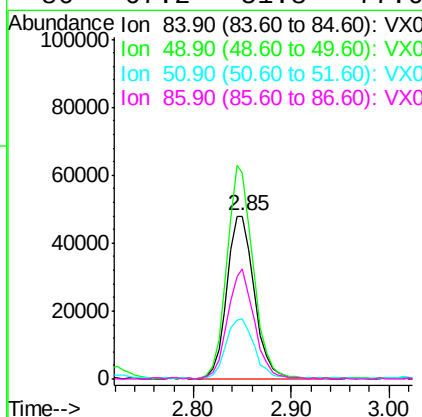
Manual Integrations
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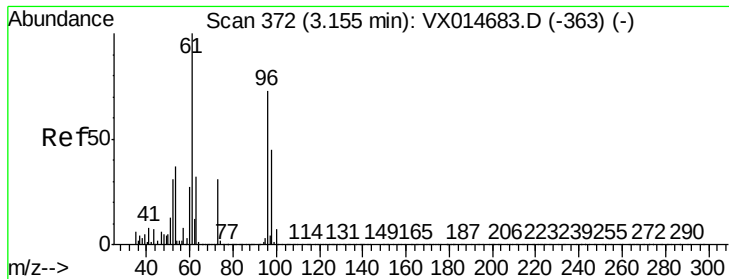
MMDadoda
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#20
Methylene Chloride
Concen: 18.670 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	98.2	147.4
51	36.8	31.3	46.9
86	67.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.056 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

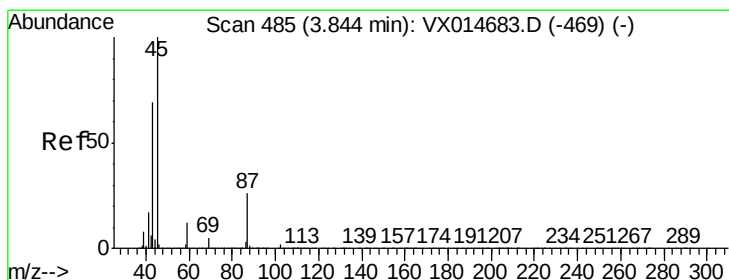
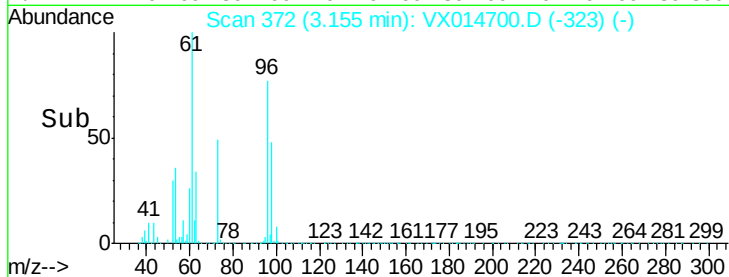
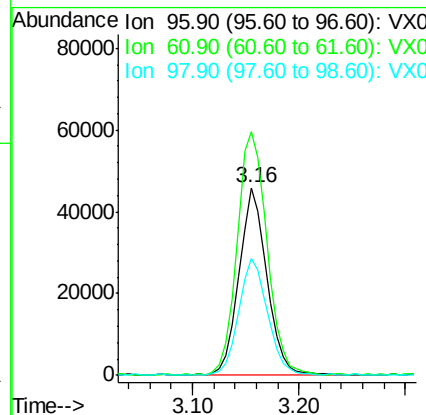
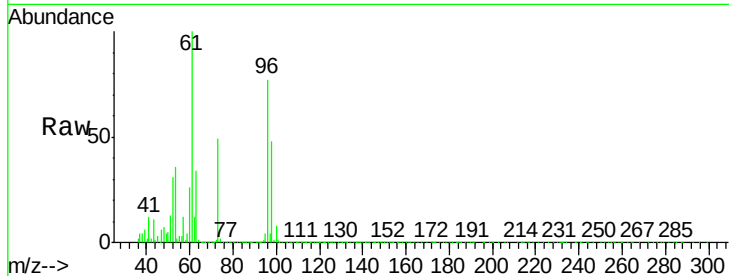
ClientSampleId :

VX0124WBSD02

Tot Ion:	96	Resp:	83908
Ion	Ratio	Lower	Upper
96	100		
61	130.0	109.8	164.6
98	61.8	49.6	74.4

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#22

Diisopropyl ether

Concen: 20.010 ug/l

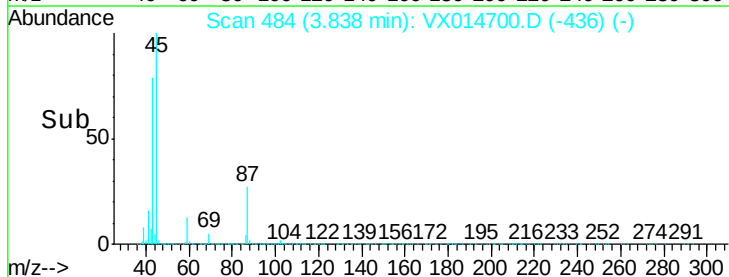
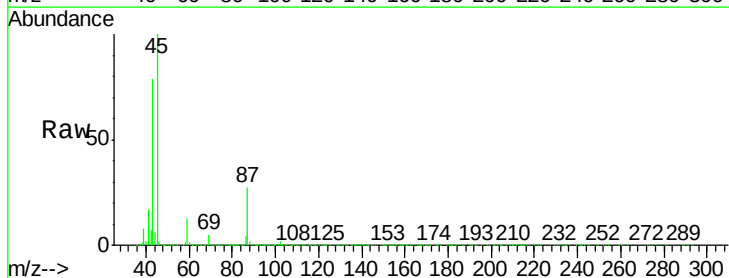
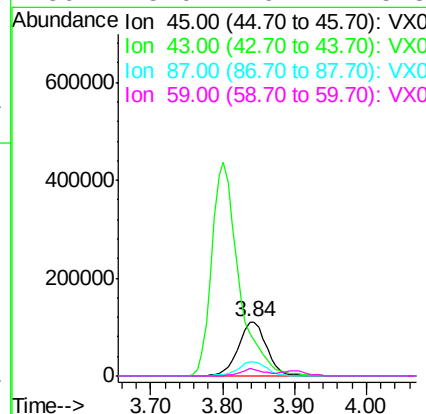
RT: 3.84 min Scan# 484

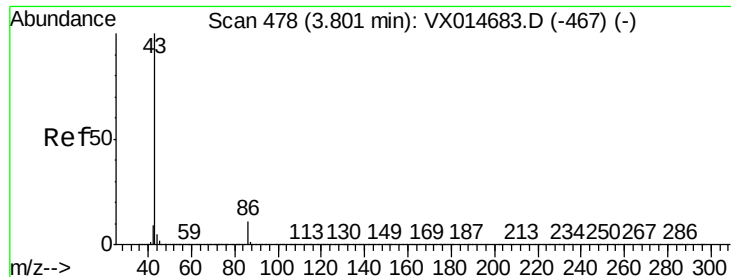
Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	45	Resp:	302012
Ion	Ratio	Lower	Upper
45	100		
43	78.5	55.1	82.7
87	26.6	20.7	31.1
59	13.0	9.2	13.8





#23

Vinyl Acetate

Concen: 99.209 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleID :

VX0124WBSD02

Tot Ion: 43 Resp: 1141434

Ion Ratio Lower Upper

43 100

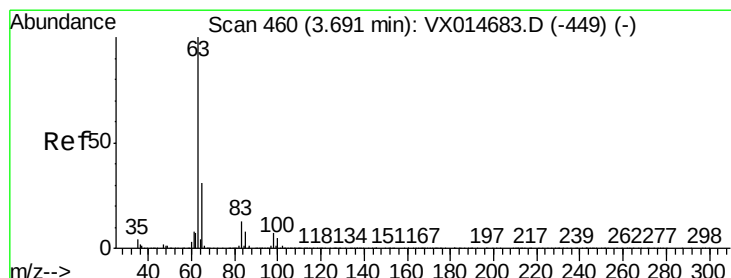
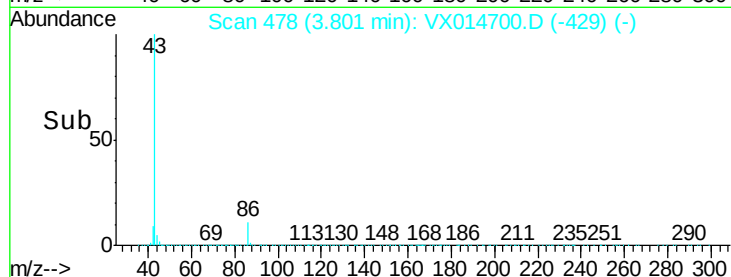
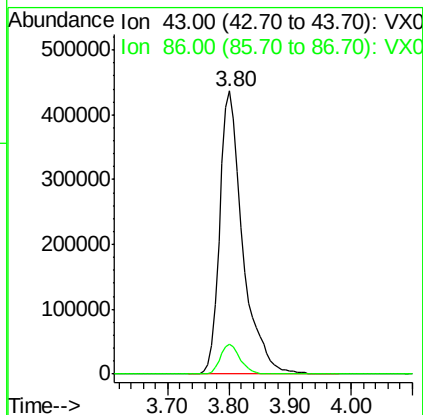
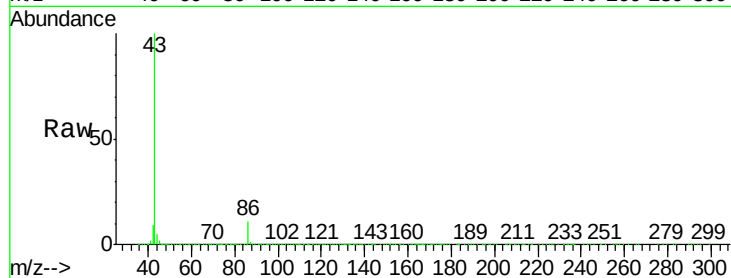
86 10.8 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.133 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

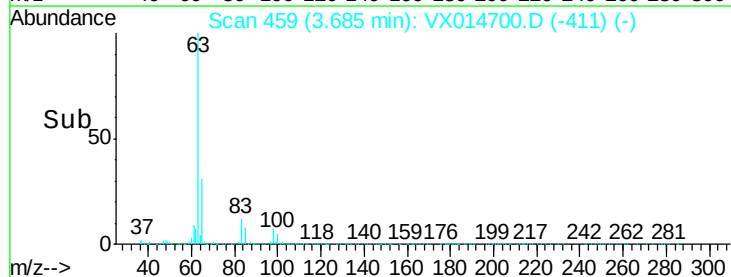
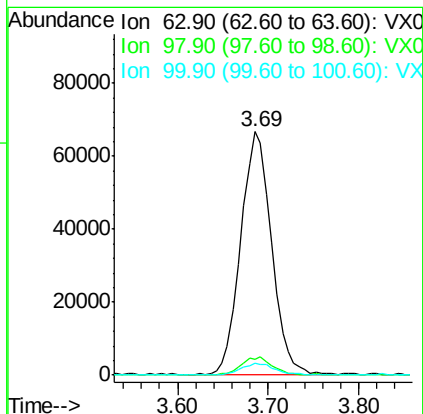
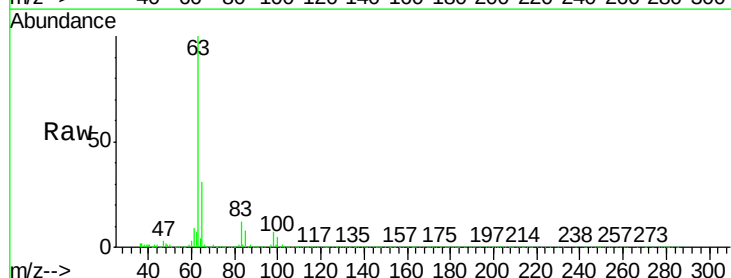
Tgt Ion: 63 Resp: 156827

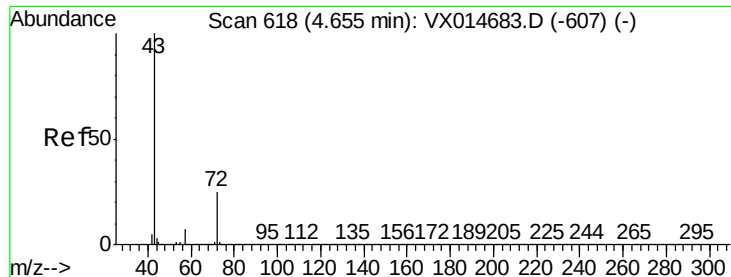
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 86.950 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 43 Resp: 338512

Ion Ratio Lower Upper

43 100

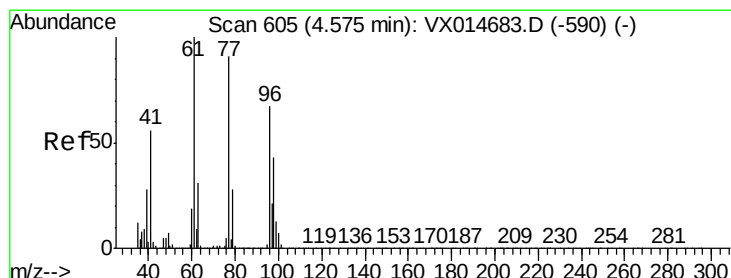
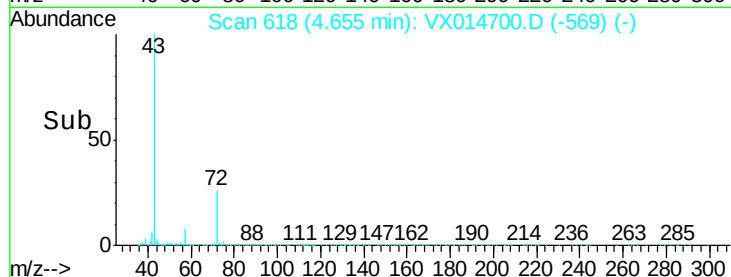
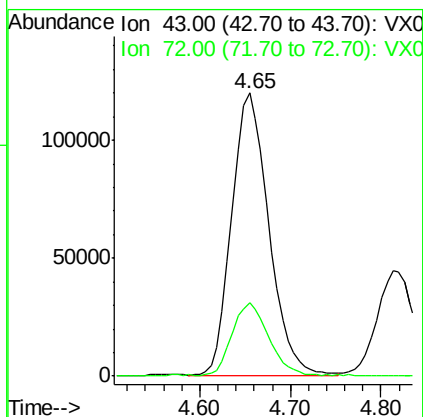
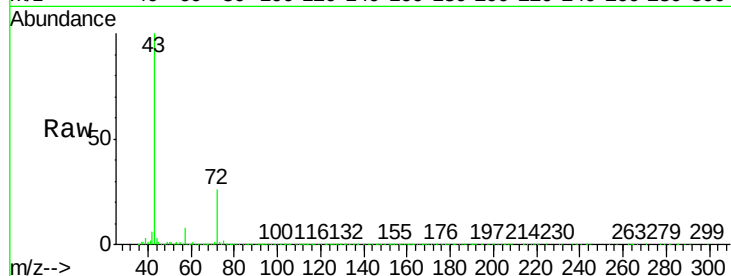
72 25.5 19.9 29.9

Manual Integrations

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MMDadoda

1/27/2020 10:35:44 AM



#26

2,2-Dichloropropane

Concen: 18.560 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014700.D

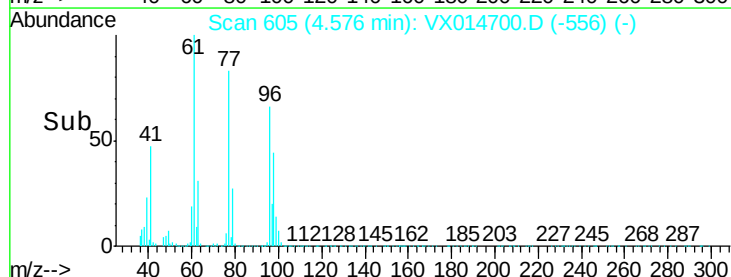
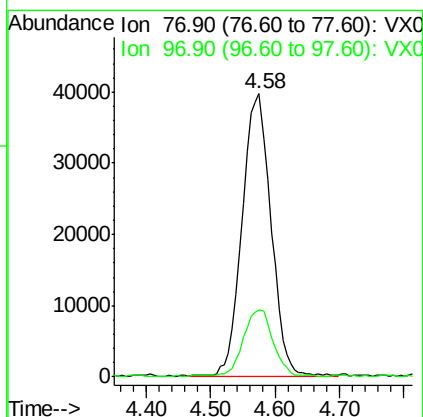
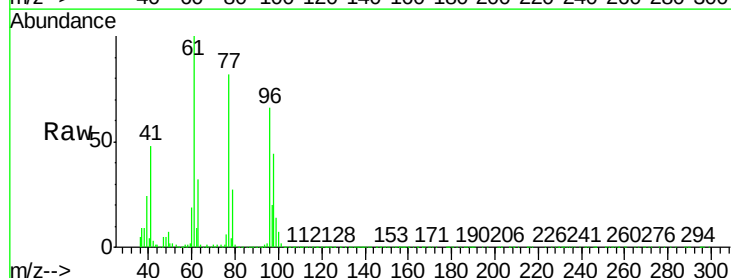
Acq: 24 Jan 2020 16:33

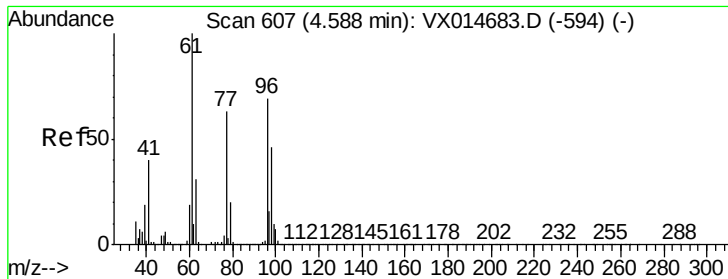
Tgt Ion: 77 Resp: 121768

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

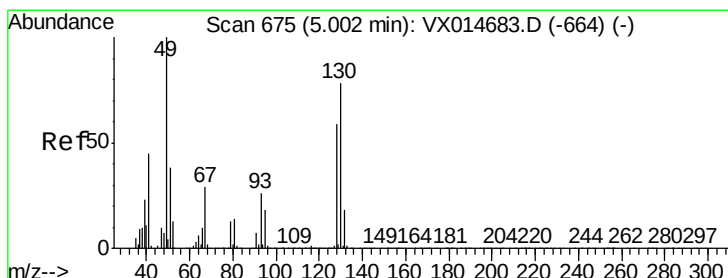
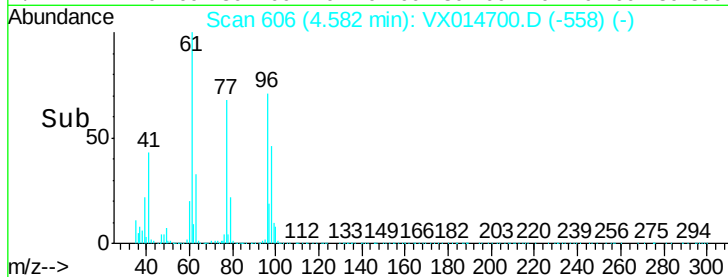
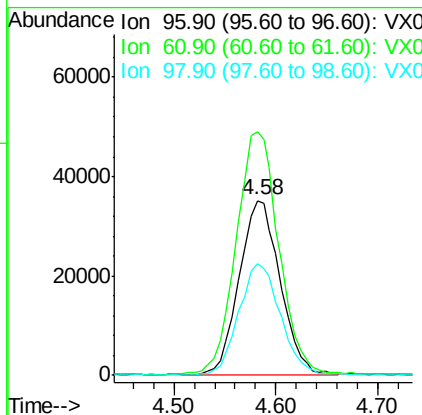
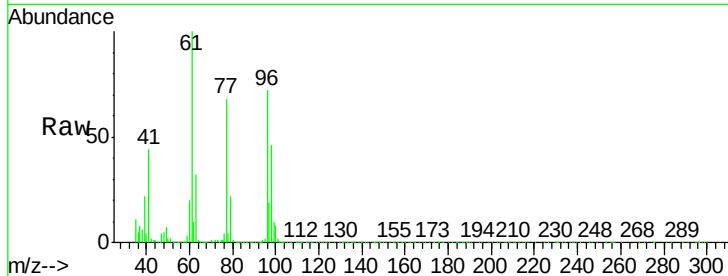
cis-1,2-Dichloroethene
 Concen: 18.722 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	291.0
98	64.5	0.0	129.8

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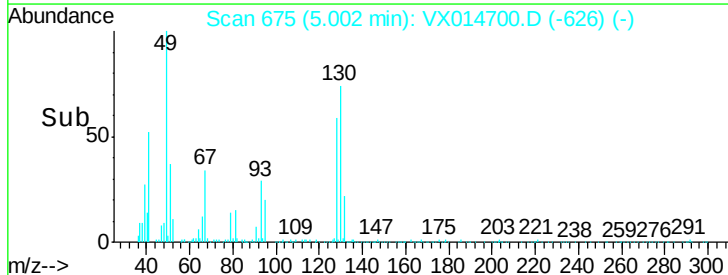
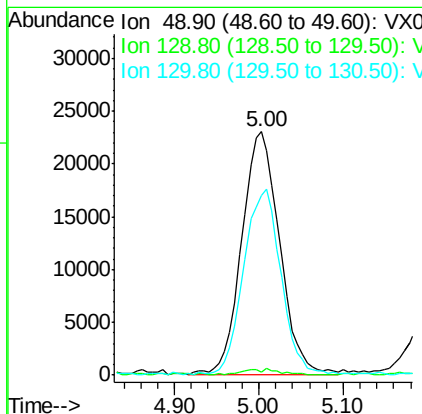
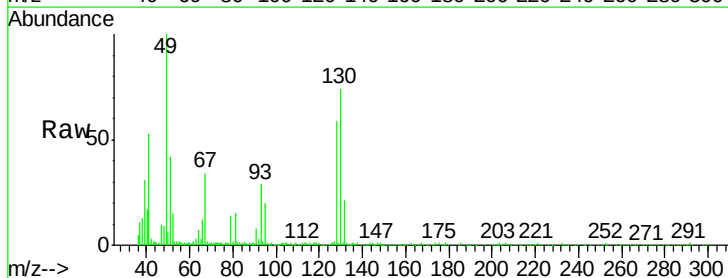
MMDadoda
 1/27/2020 10:35:44 AM

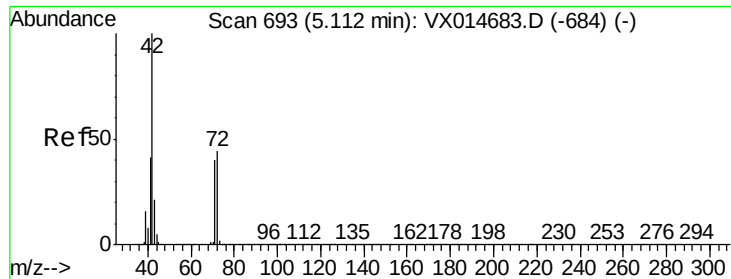


#28

Bromochloromethane
 Concen: 19.691 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	74.0	62.4	93.6





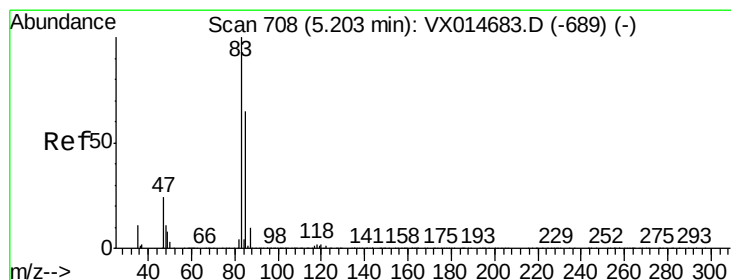
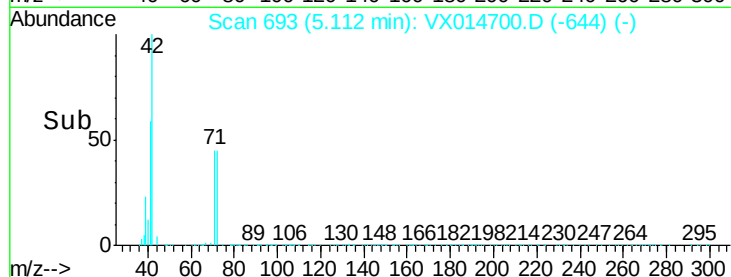
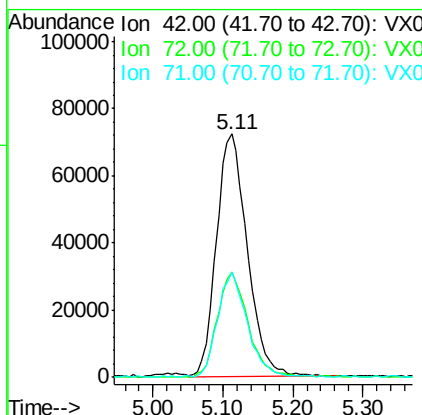
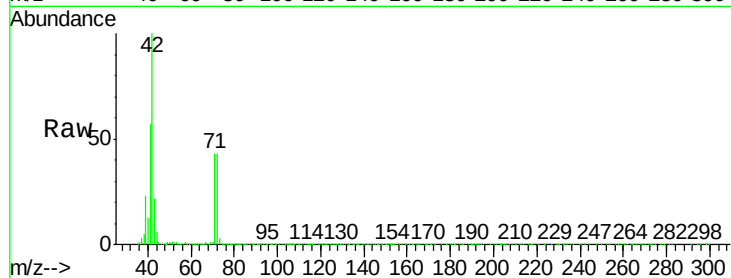
#29
Tetrahydrofuran
Concen: 95.759 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.3	52.9
71	41.4	33.1	49.7

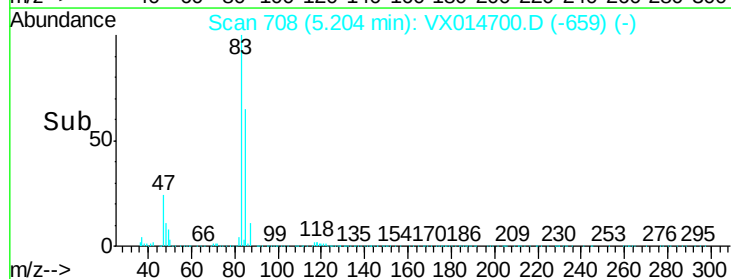
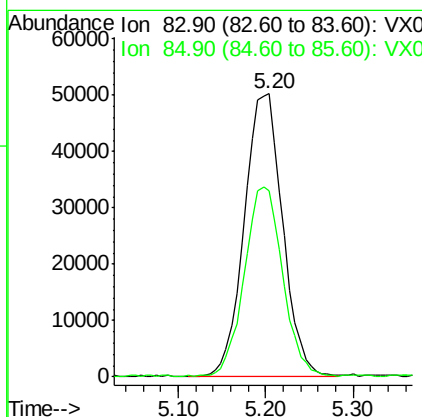
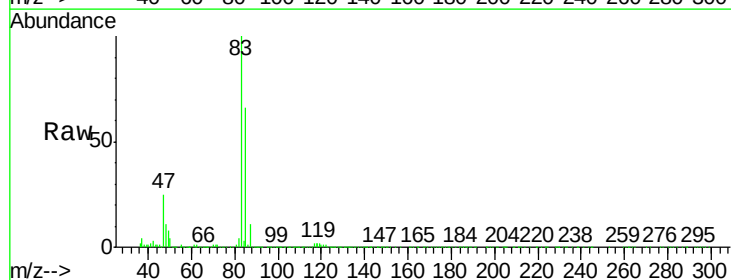
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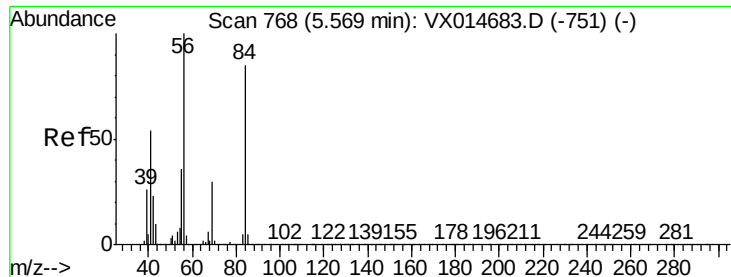
MMDadoda
1/27/2020 10:35:44 AM



#30
Chloroform
Concen: 18.856 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.7	77.5





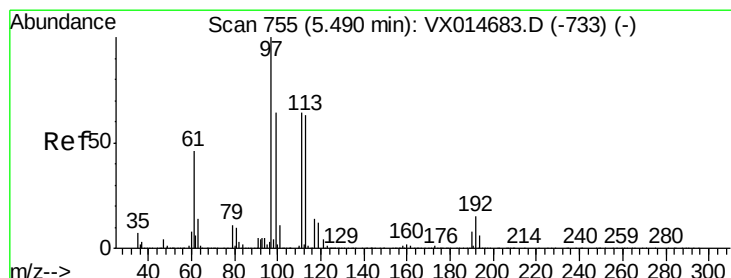
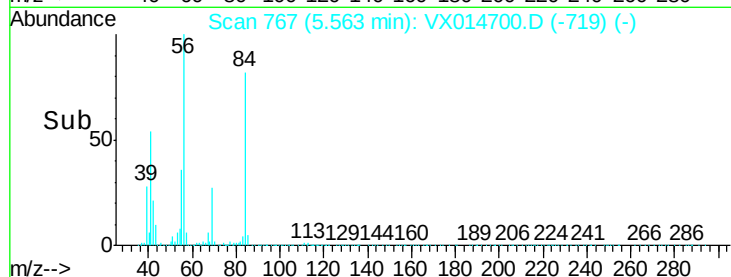
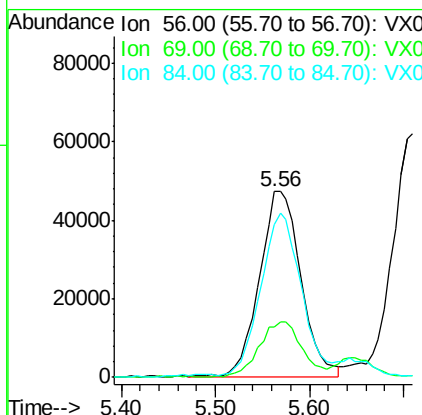
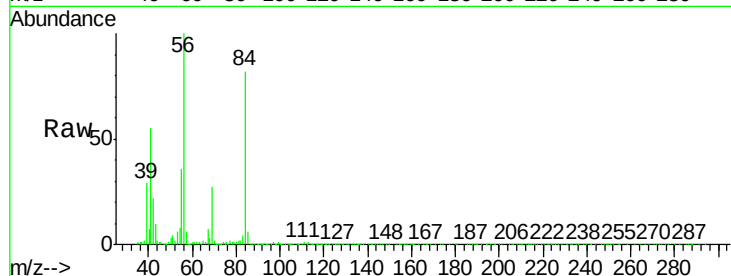
#31
Cyclohexane
Concen: 18.663 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.9	23.4	35.2
84	81.3	68.4	102.6

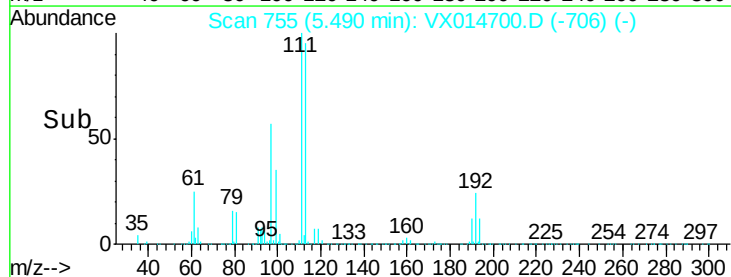
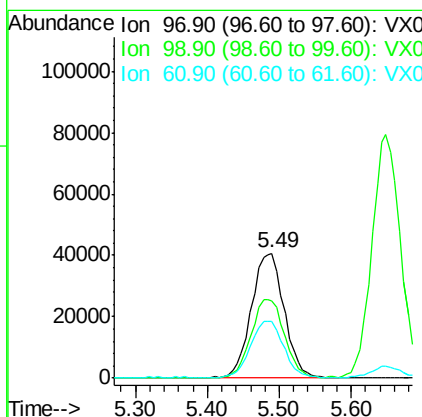
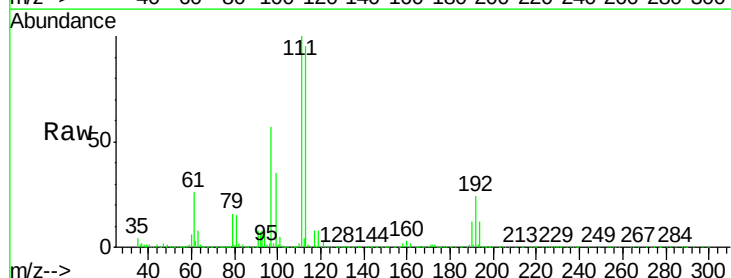
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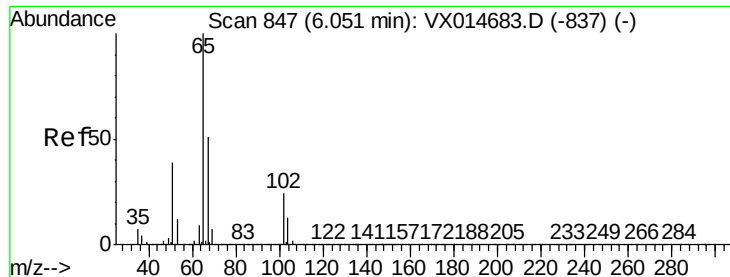
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#32
1,1,1-Trichloroethane
Concen: 18.809 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	45.3	37.2	55.8





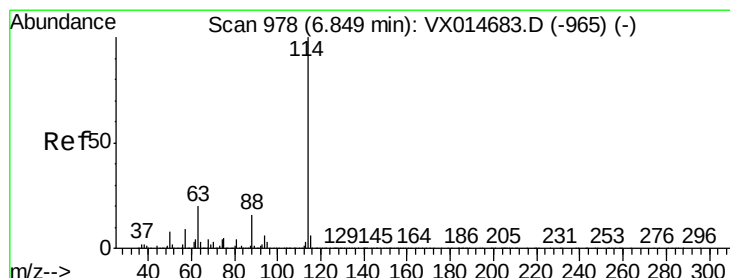
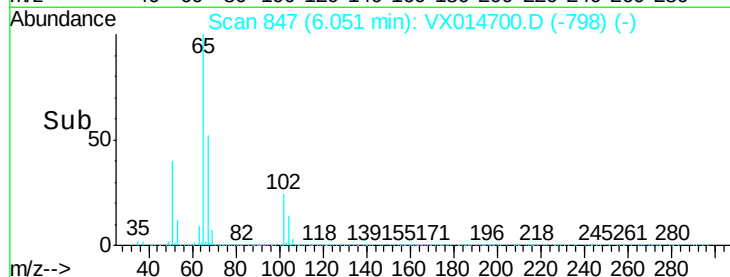
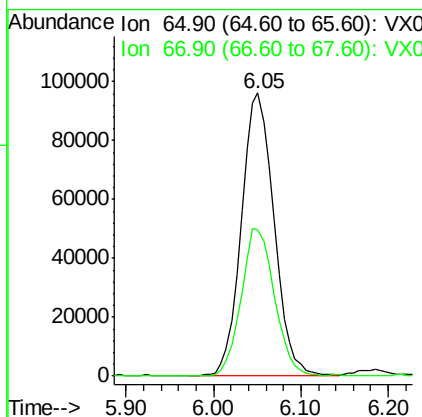
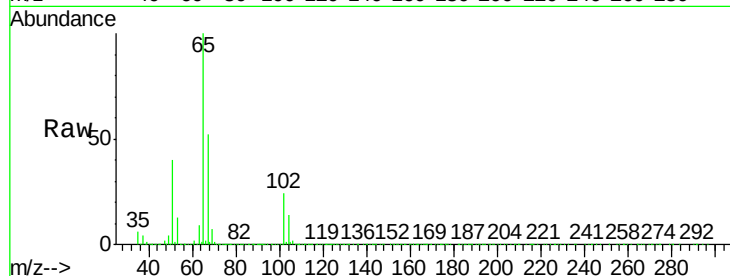
#33
 1,2-Dichloroethane-d4
 Concen: 50.175 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.4

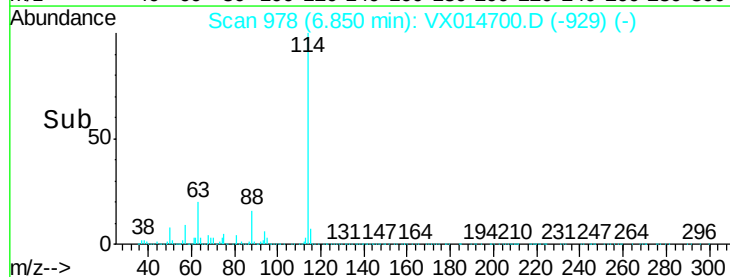
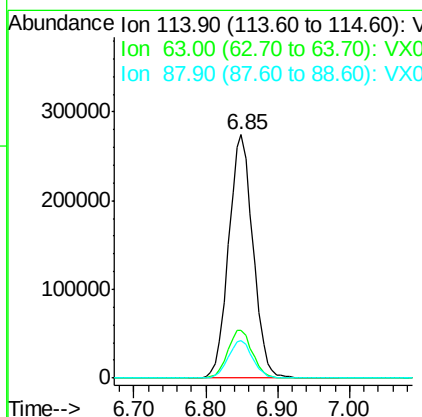
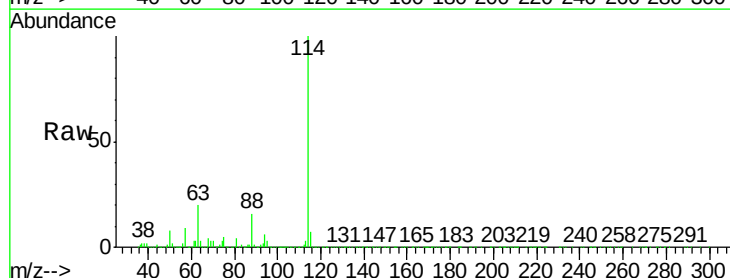
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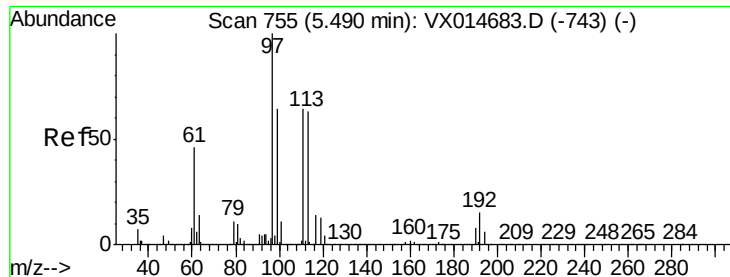
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	15.5	0.0	31.2





#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

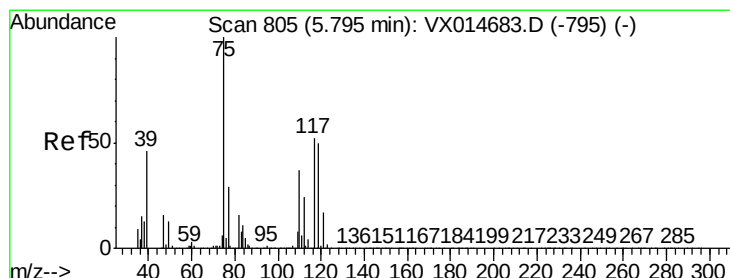
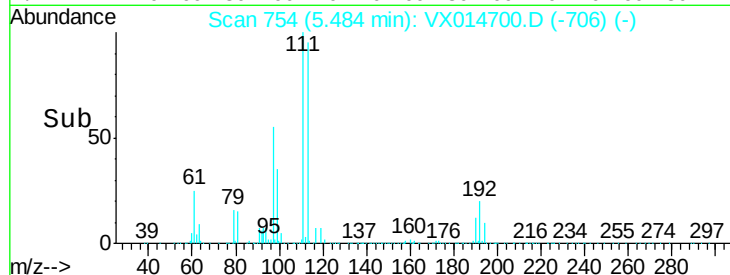
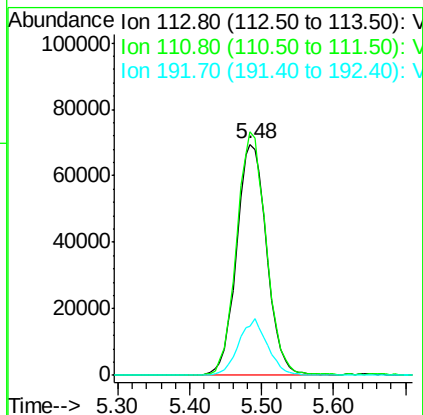
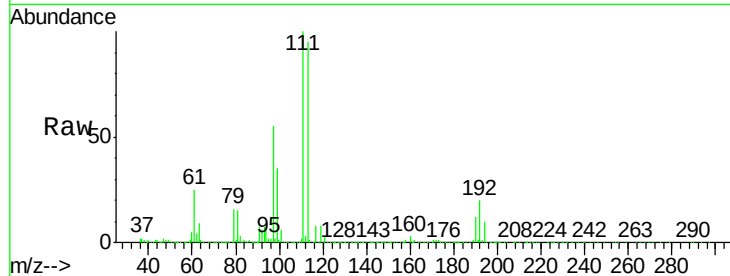
ClientSampleId :

VX0124WBSD02

Tot Ion:	113	Resp:	201194
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.7	121.1
192	23.4	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 19.037 ug/l

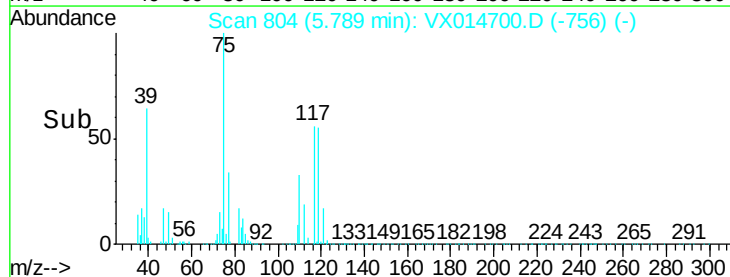
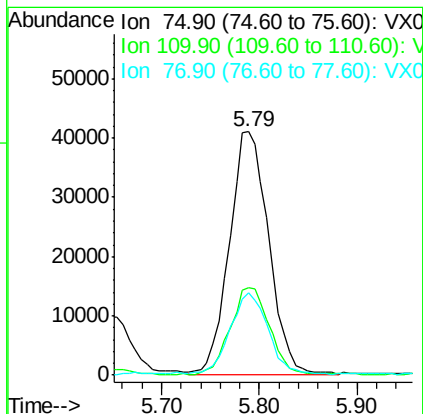
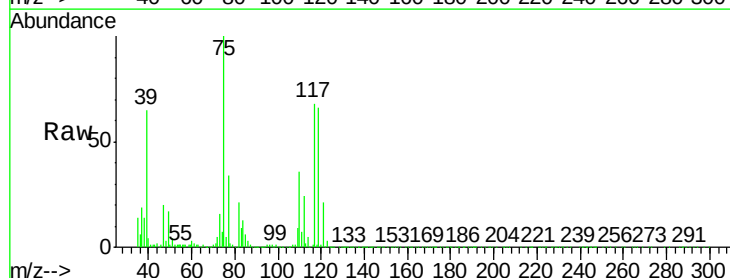
RT: 5.79 min Scan# 804

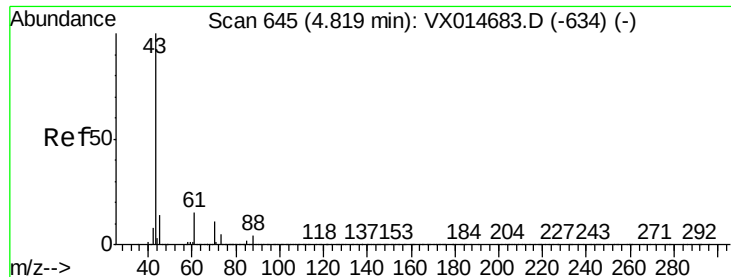
Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	75	Resp:	113902
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.9	53.7
77	32.0	24.1	36.1





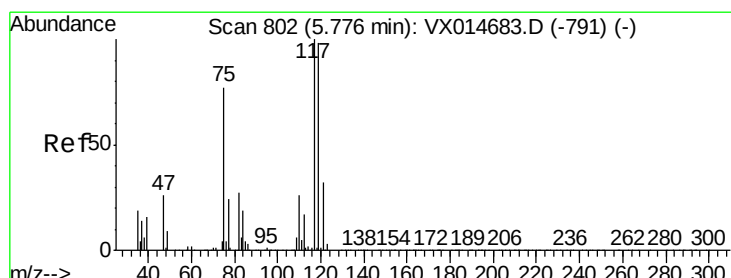
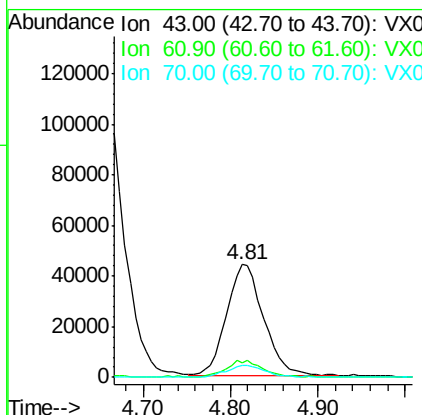
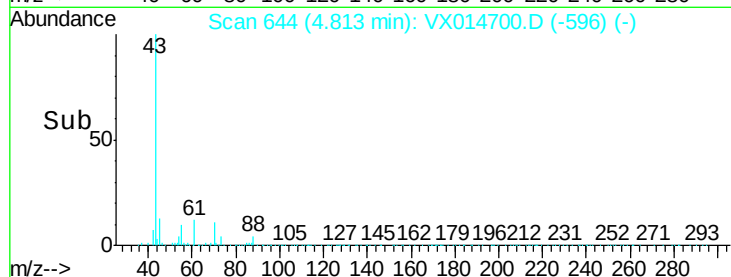
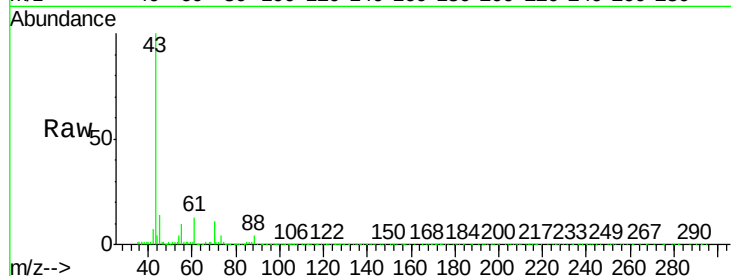
#37
Ethyl Acetate
Concen: 18.962 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.2	8.5	12.7

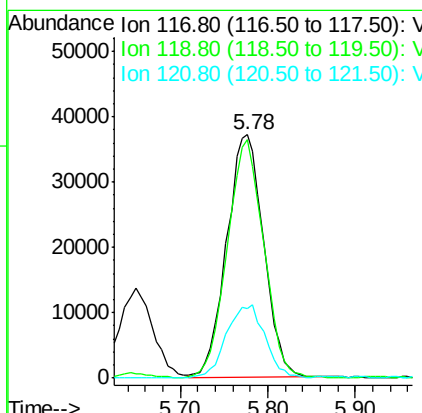
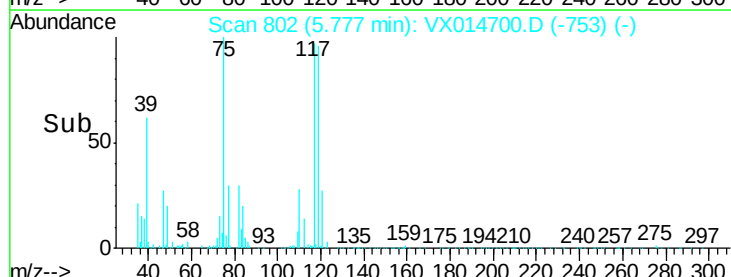
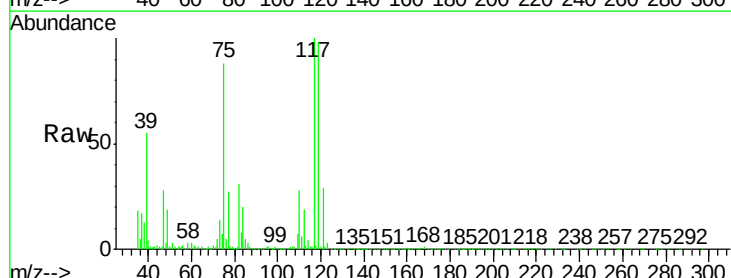
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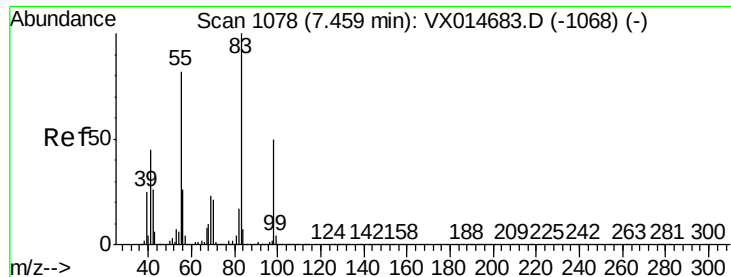
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#38
Carbon Tetrachloride
Concen: 19.094 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.9	116.9
121	28.6	25.4	38.2





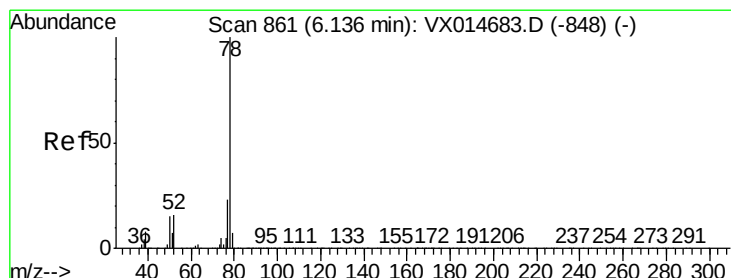
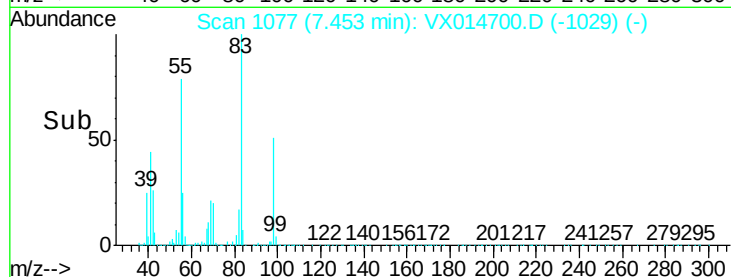
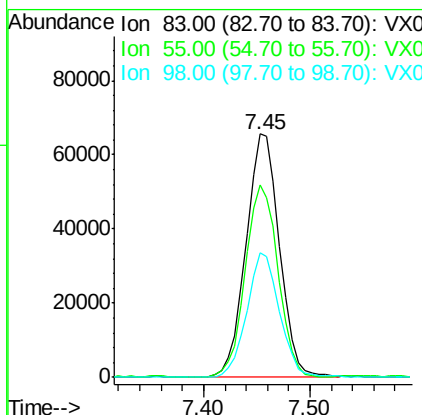
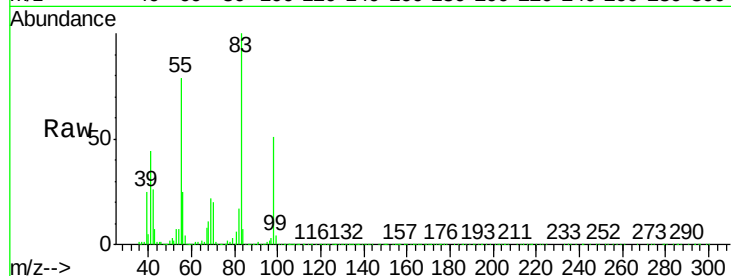
#39
Methylvlcyclohexane
Concen: 19.237 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.6	98.4
98	51.1	40.2	60.4

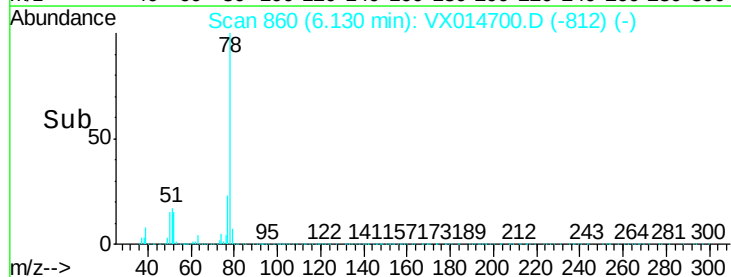
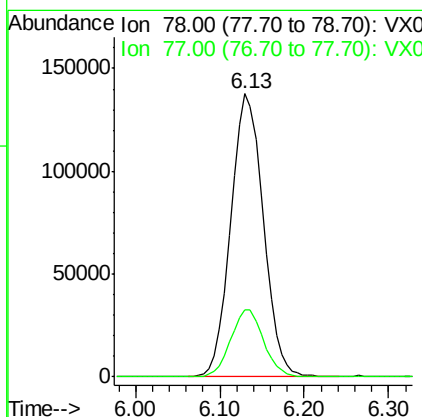
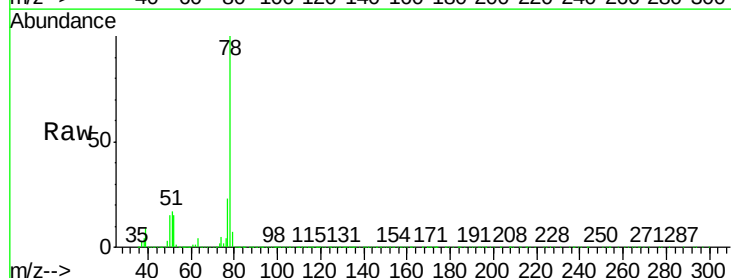
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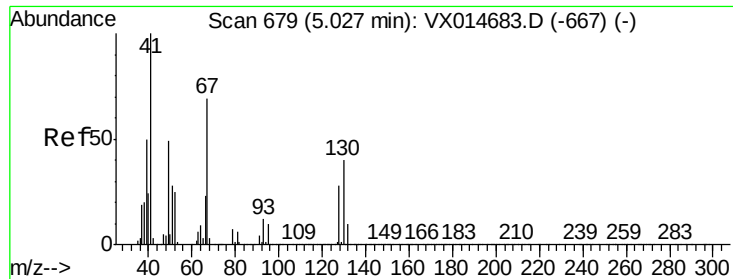
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#40
Benzene
Concen: 19.430 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





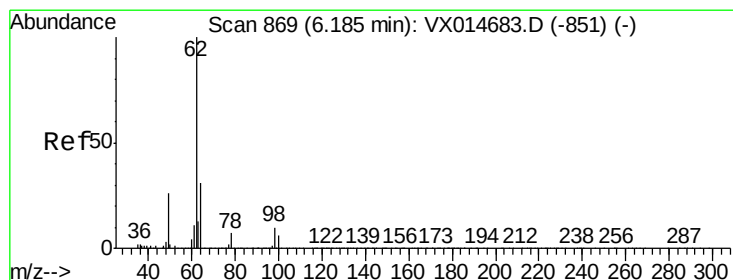
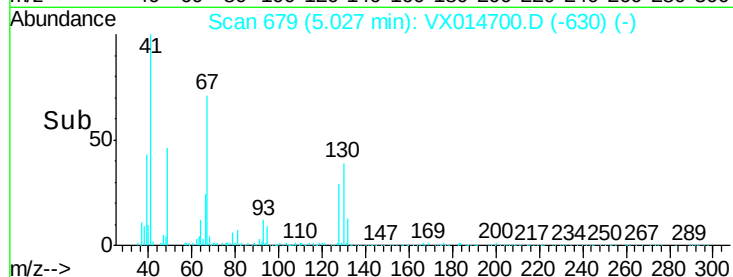
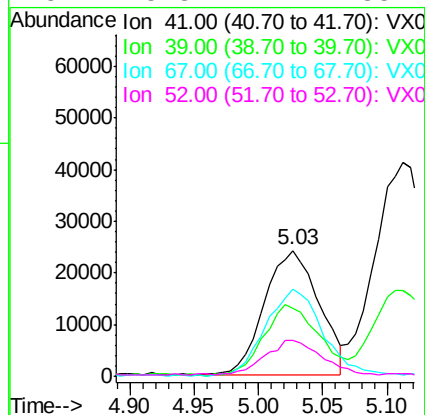
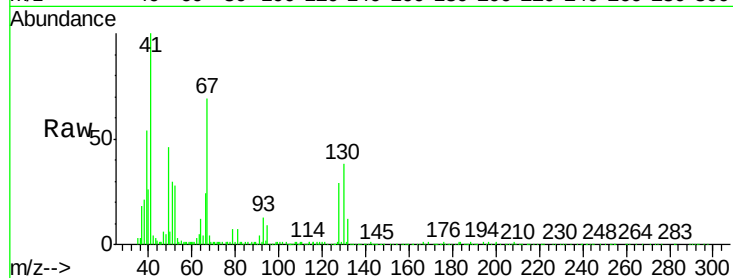
#41
Methacrylonitrile
Concen: 18.023 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion:	41	Resp:	71098
Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.2	63.2
67	72.2	55.4	83.0
52	28.3	22.1	33.1

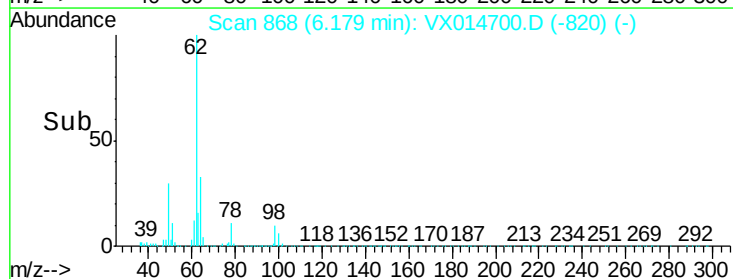
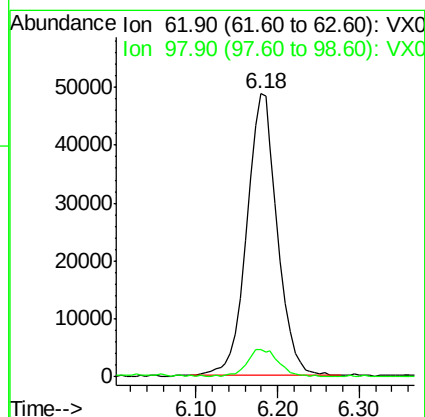
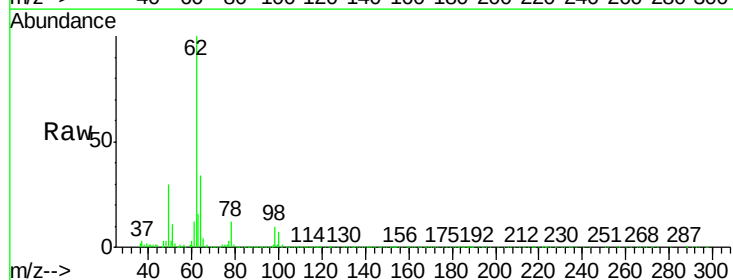
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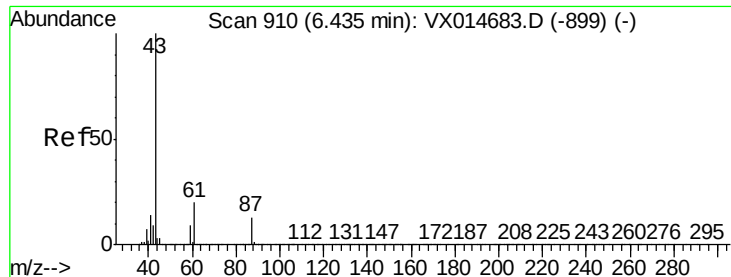
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#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:	62	Resp:	126543
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.174 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

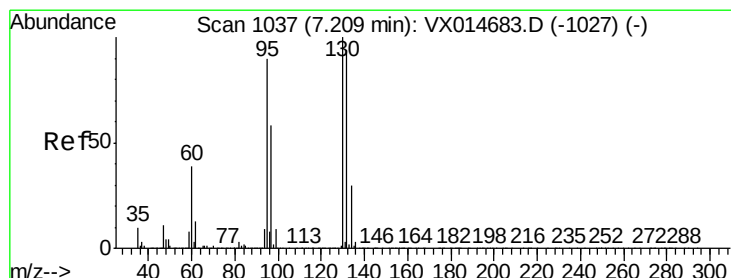
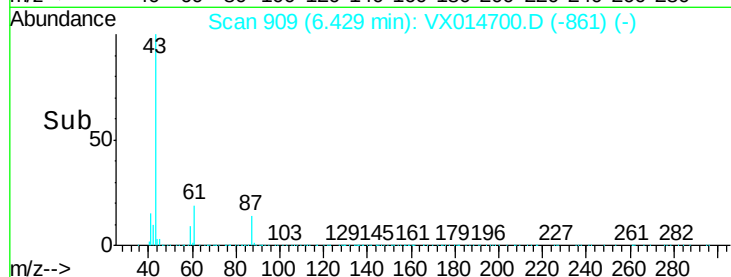
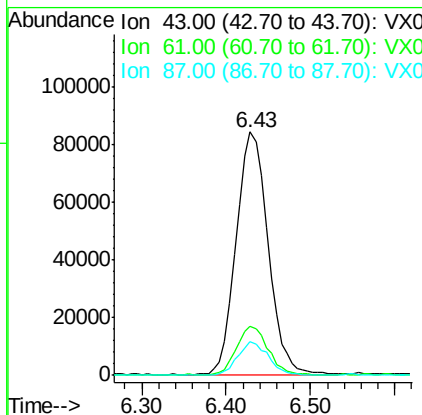
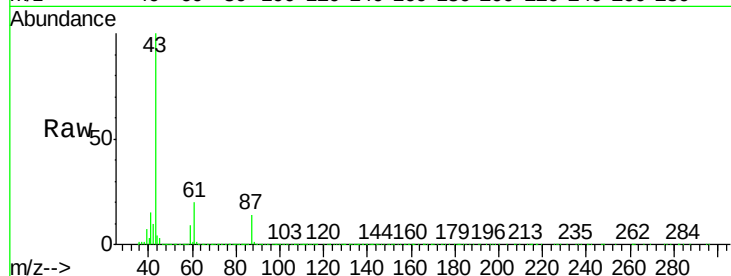
ClientSampleId :

VX0124WBSD02

Tot Ion:	43	Resp:	215164
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	12.9	10.5	15.7

Manual Integrations
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1/27/2020 10:35:44 AM



#44

Trichloroethene

Concen: 18.927 ug/l

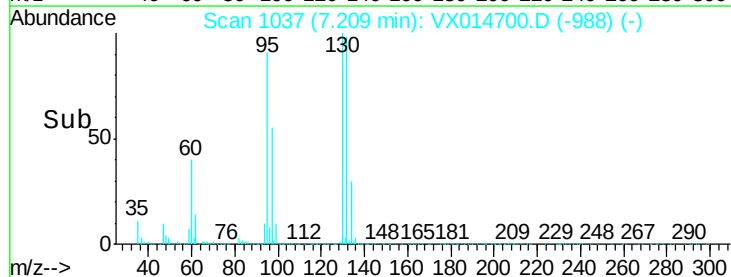
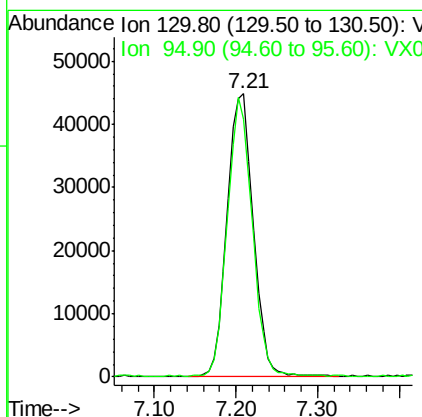
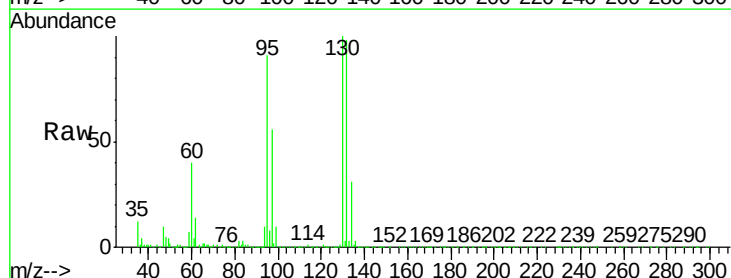
RT: 7.21 min Scan# 1037

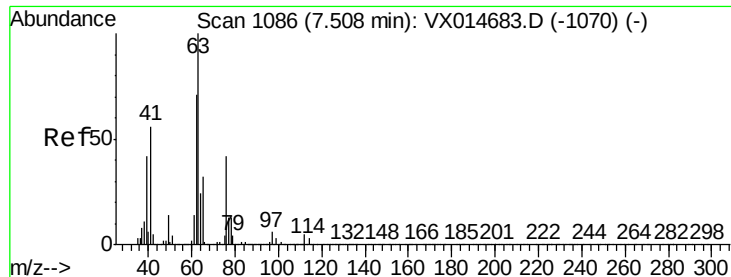
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	130	Resp:	98832
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	179.8





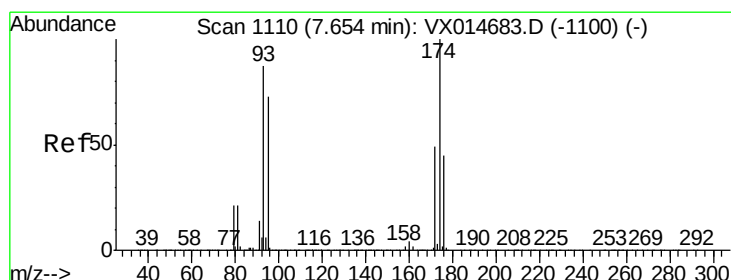
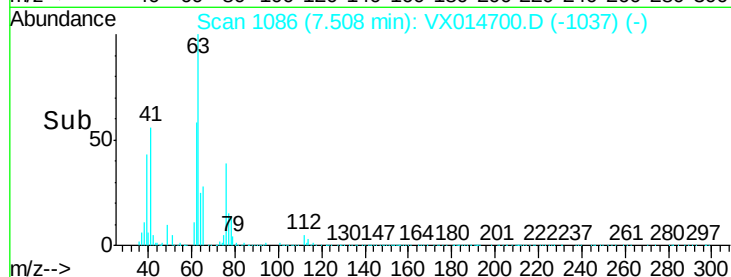
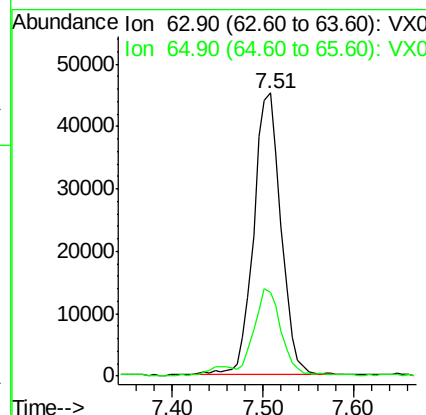
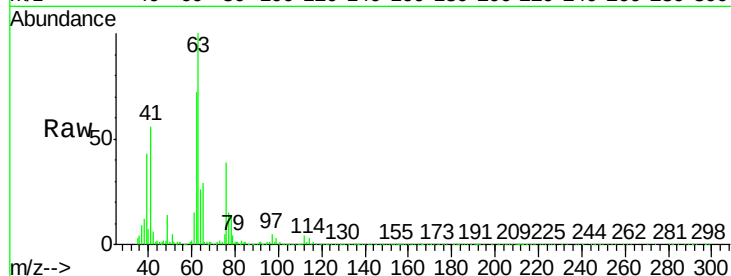
#45
 1,2-Dichloropropane
 Concen: 19.779 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.2	37.8

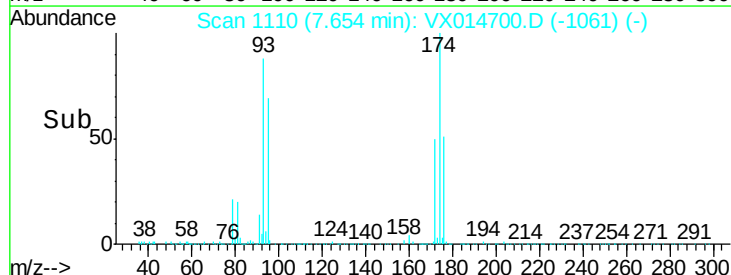
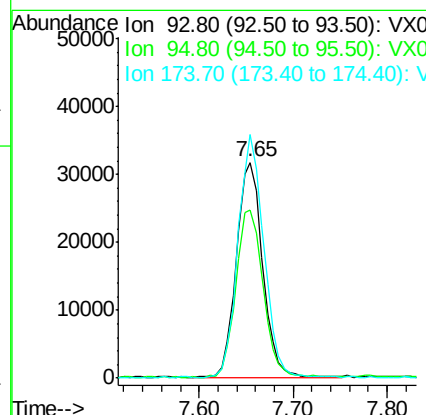
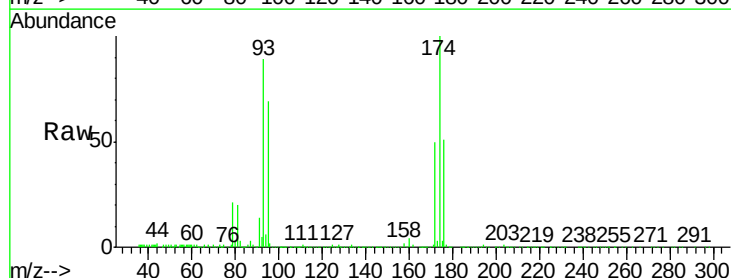
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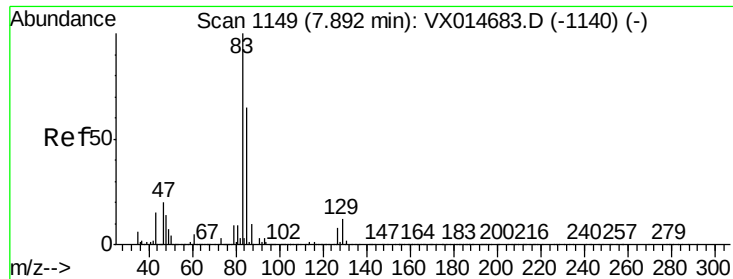
MMDadoda
 1/27/2020 10:35:44 AM



#46
 Dibromomethane
 Concen: 20.247 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.5	67.0	100.4
174	109.1	90.2	135.2





#47

Bromodichloromethane

Concen: 19.462 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

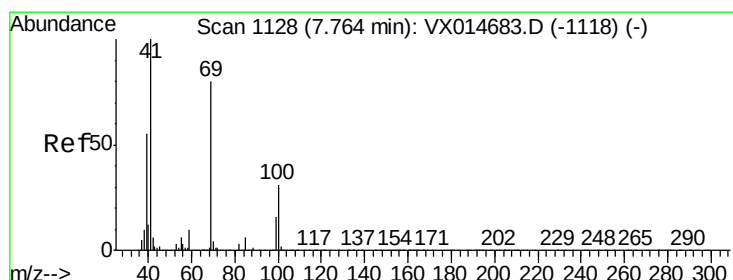
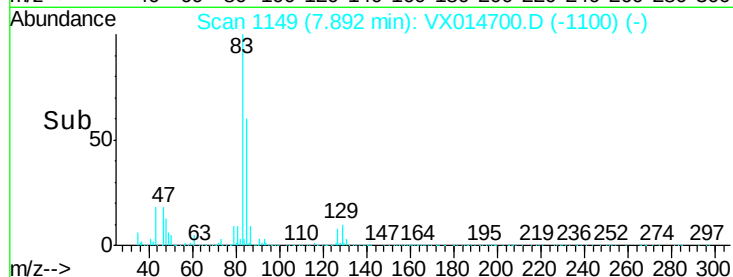
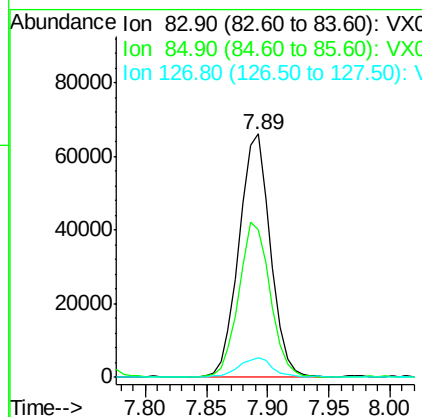
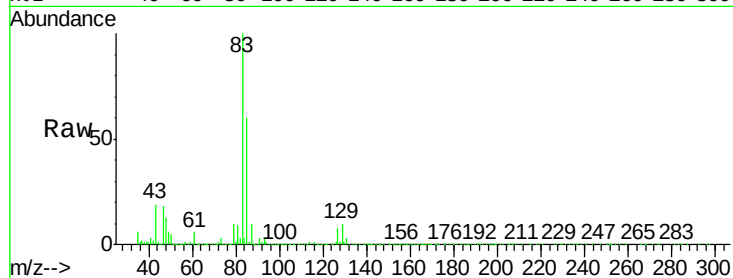
ClientSampleId :

VX0124WBSD02

Tot Ion:	83	Resp:	117740
Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.2	78.2
127	7.8	6.4	9.6

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1/27/2020 10:35:44 AM



#48

Methyl methacrylate

Concen: 19.564 ug/l

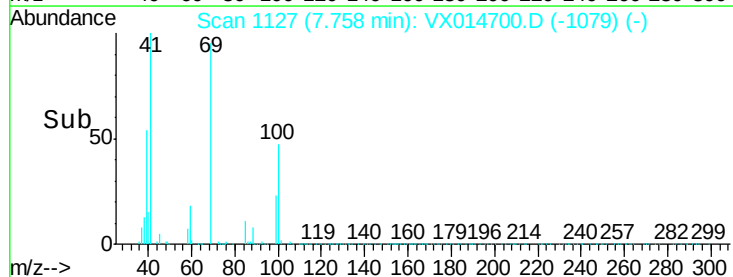
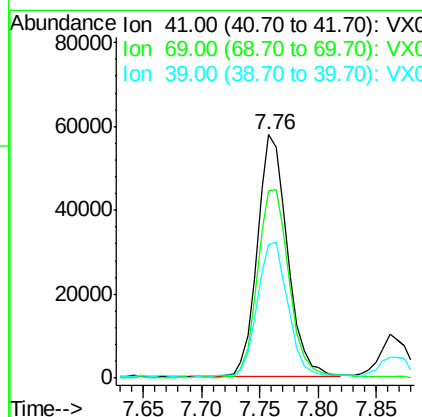
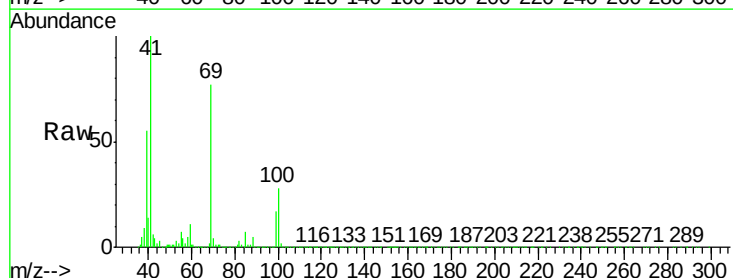
RT: 7.76 min Scan# 1127

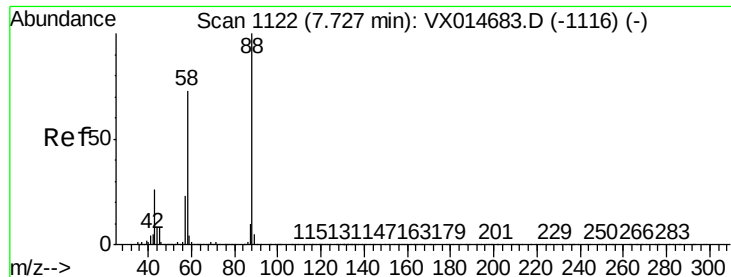
Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	41	Resp:	104897
Ion	Ratio	Lower	Upper
41	100		
69	81.5	63.5	95.3
39	57.5	43.7	65.5





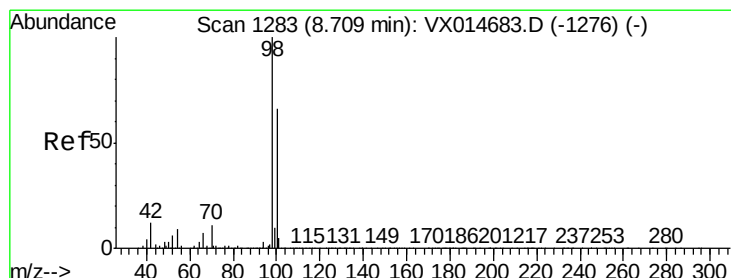
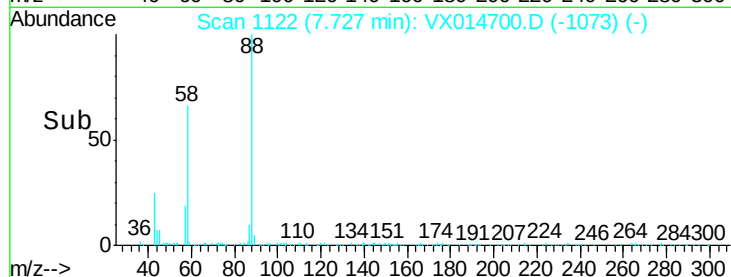
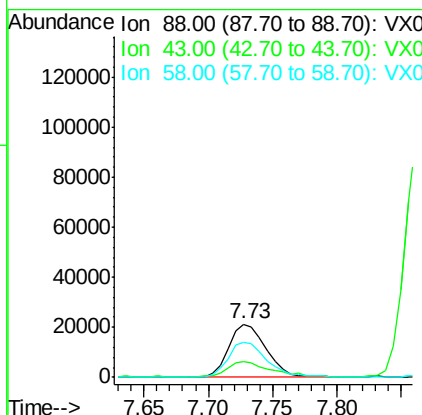
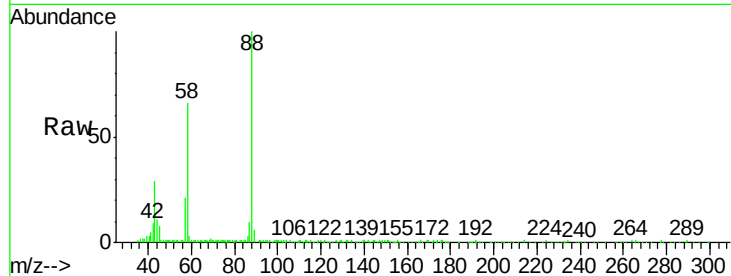
#49
1,4-Dioxane
Concen: 369.868 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.2	39.2
58	70.0	56.6	85.0

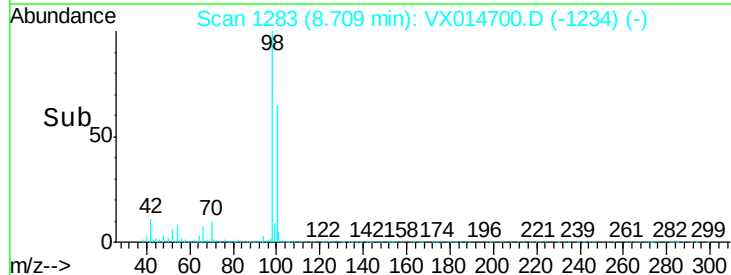
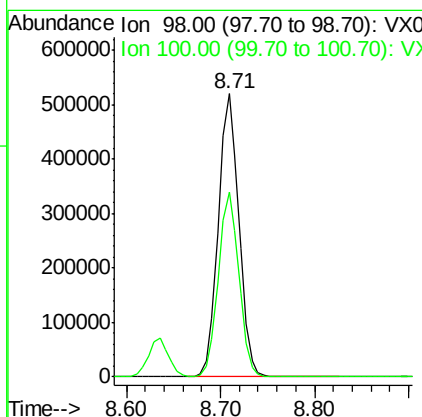
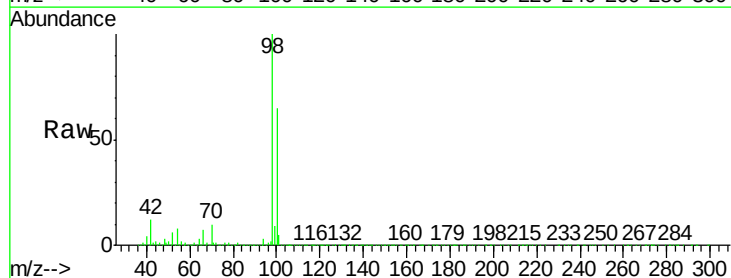
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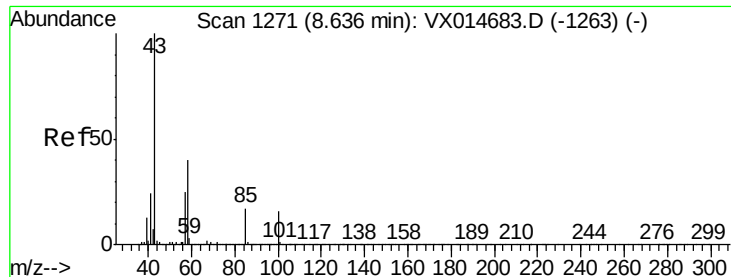
MMDadoda
1/27/2020 10:35:44 AM



#50
Toluene-d8
Concen: 50.437 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6





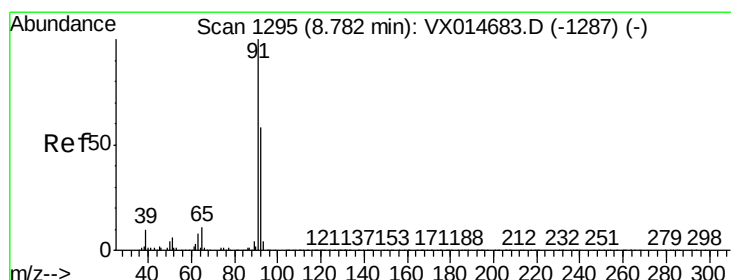
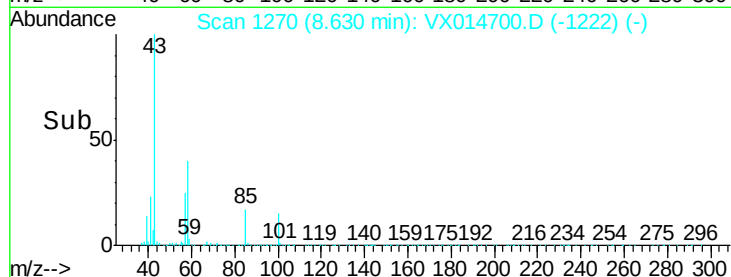
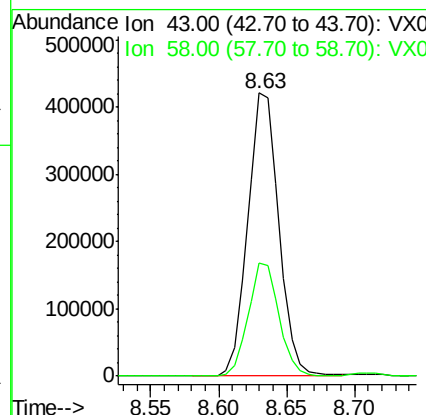
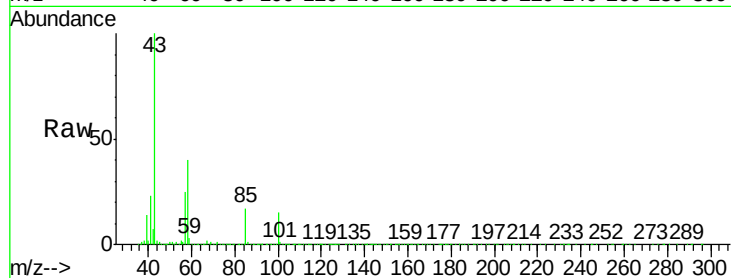
#51
4-Methyl-2-Pentanone
Concen: 95.020 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion: 43 Resp: 672980
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

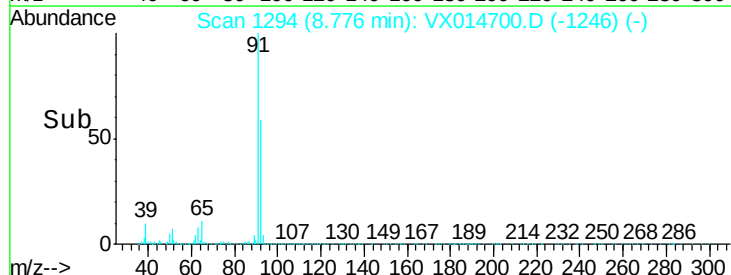
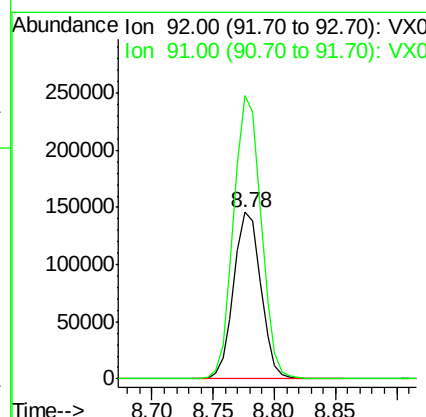
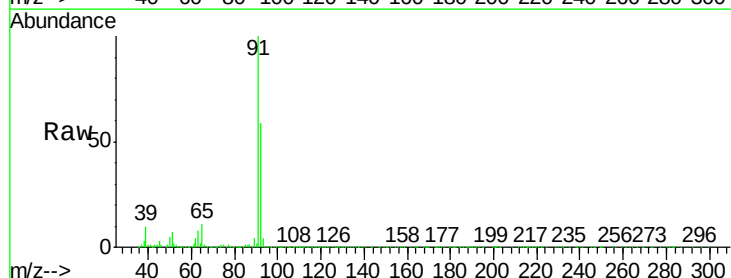
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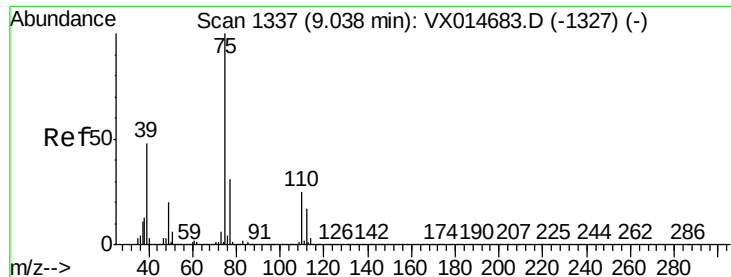
MMDadoda
1/27/2020 10:35:44 AM



#52
Toluene
Concen: 19.763 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 92 Resp: 224579
Ion Ratio Lower Upper
92 100
91 171.4 135.9 203.9





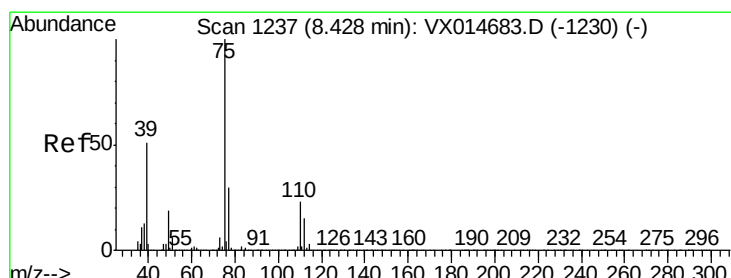
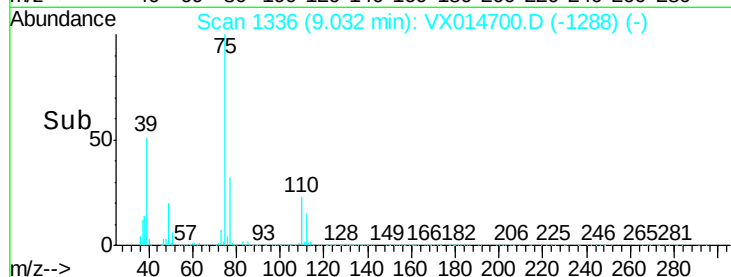
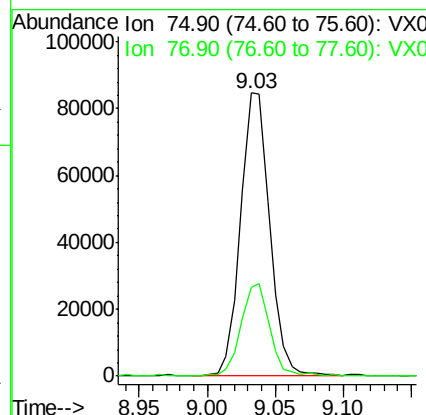
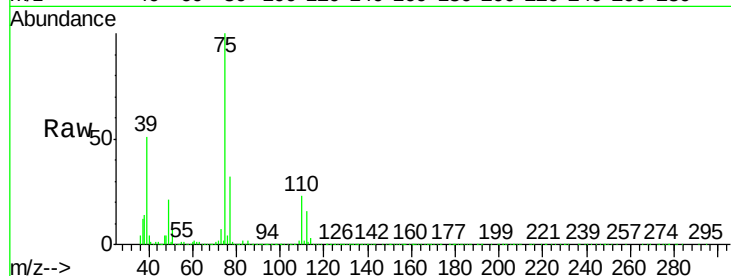
#53
t-1,3-Dichloropropene
Concen: 19.311 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

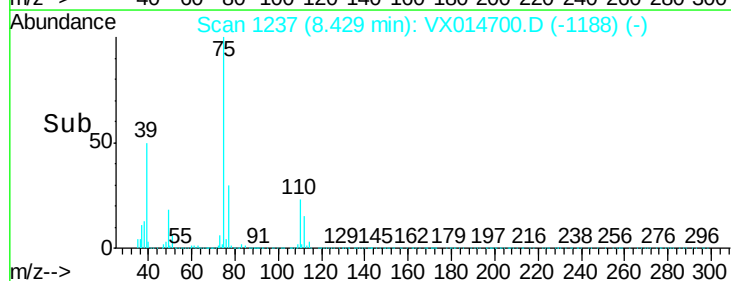
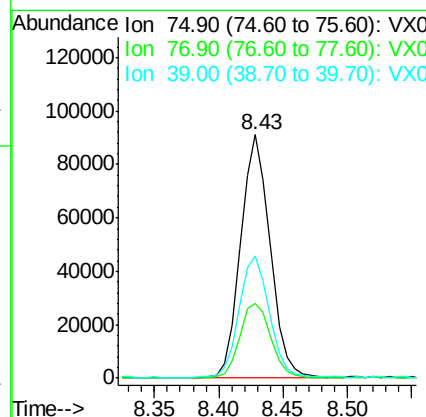
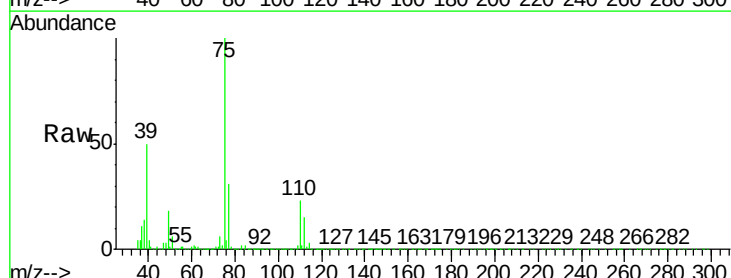
Manual Integrations
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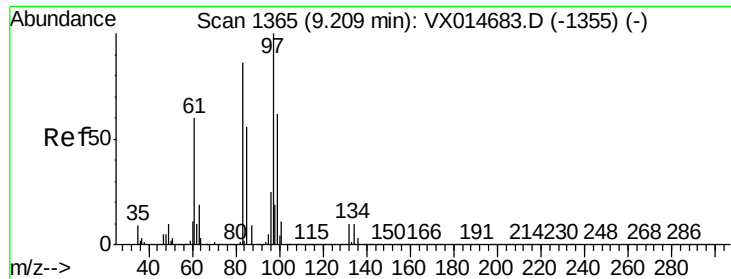
MMDadoda
1/27/2020 10:35:44 AM



#54
cis-1,3-Dichloropropene
Concen: 20.214 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	23.9	35.9
39	49.7	40.9	61.3





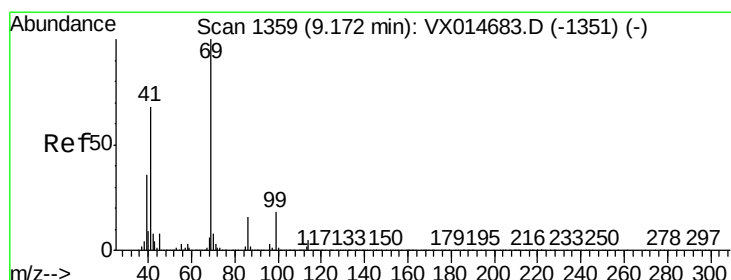
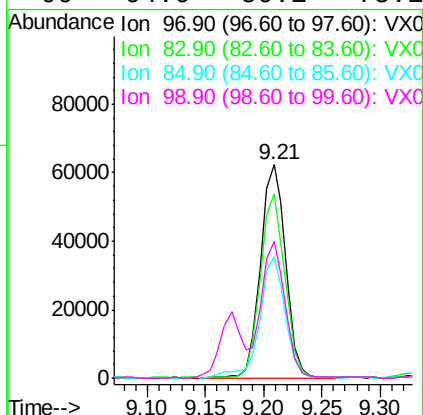
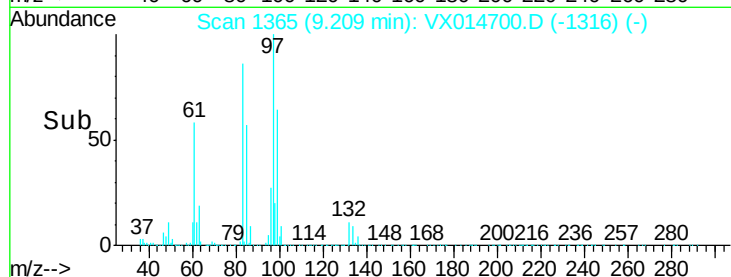
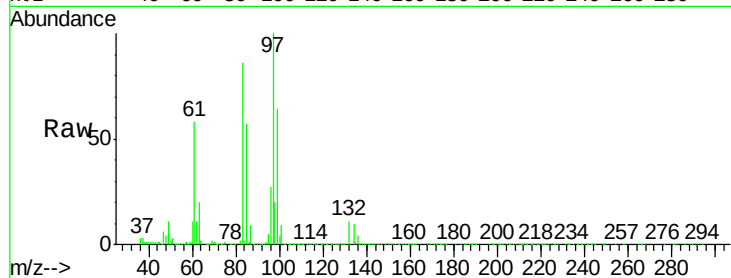
#55
 1,1,2-Trichloroethane
 Concen: 20.120 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	86.4	69.2	103.8		
85	56.9	44.6	67.0		
99	64.0	50.1	75.1		

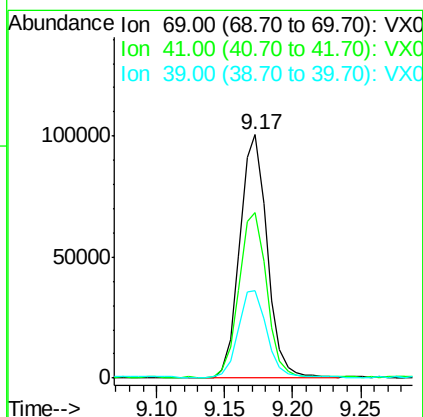
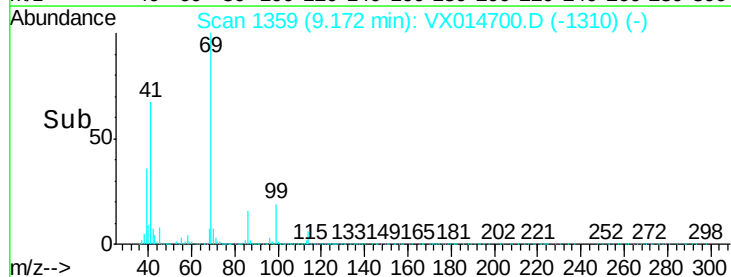
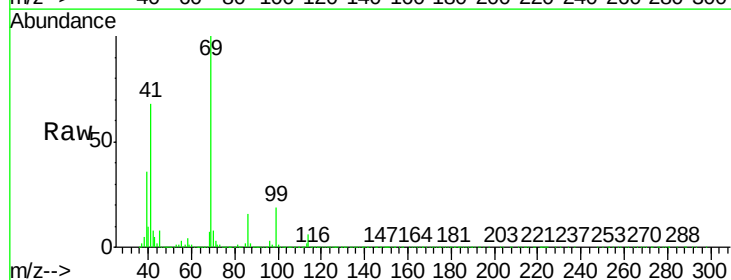
Manual Integrations
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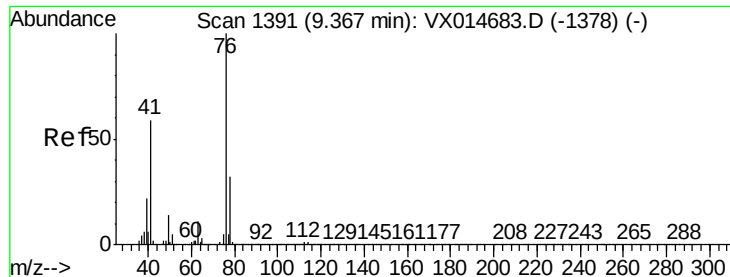
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 1/27/2020 10:35:44 AM



#56
 Ethyl methacrylate
 Concen: 19.053 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.6	54.9	82.3		
39	37.2	29.3	43.9		





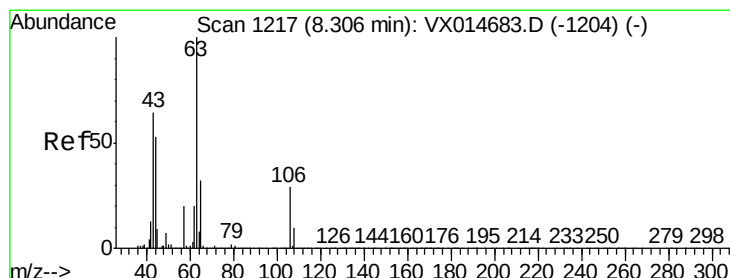
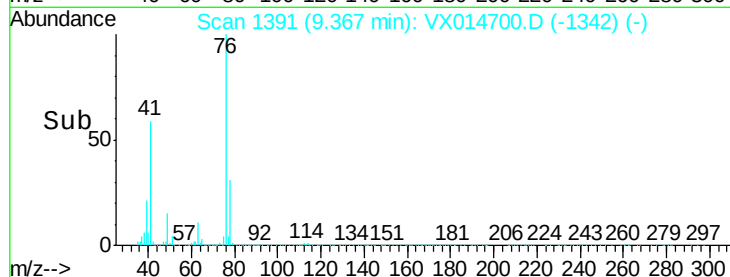
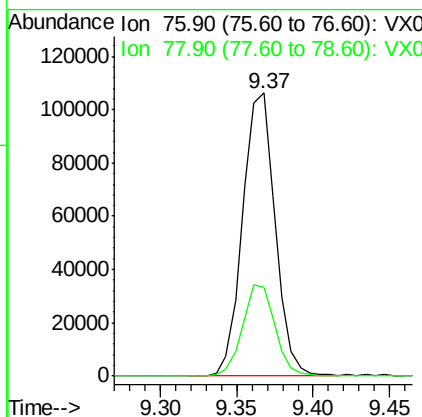
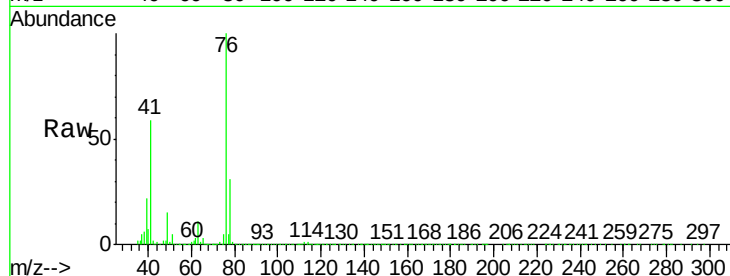
#57
 1,3-Dichloropropane
 Concen: 19.792 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.0	39.0

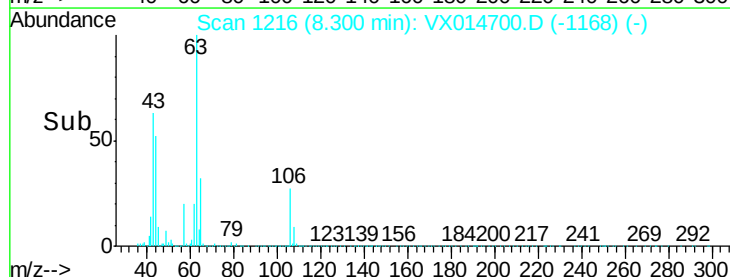
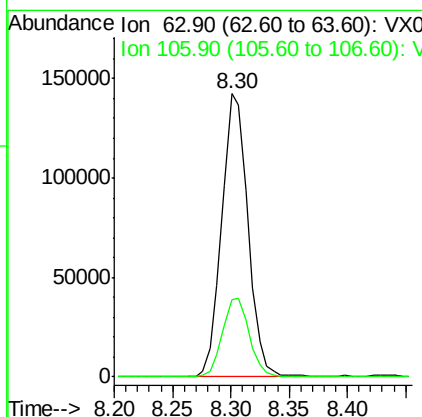
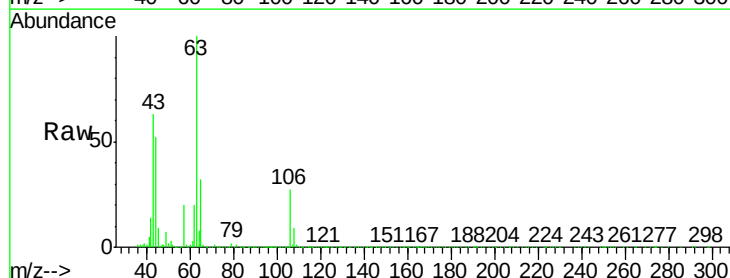
Manual Integrations
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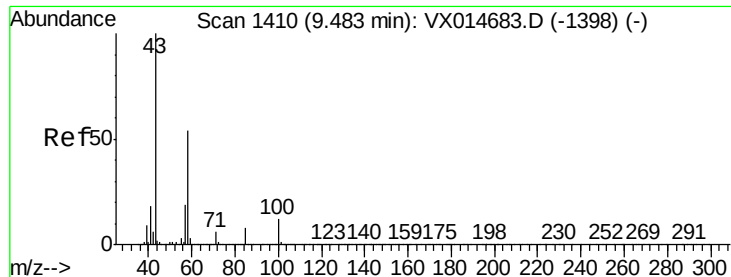
MMDadoda
 1/27/2020 10:35:44 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.465 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.7	34.1





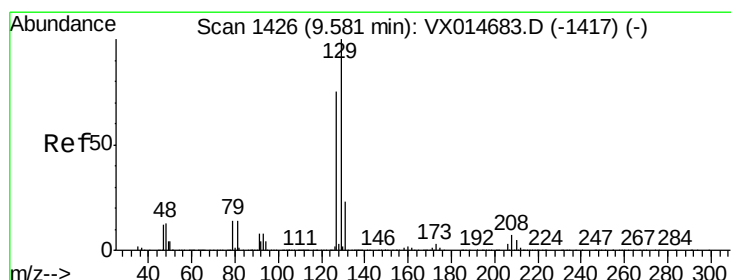
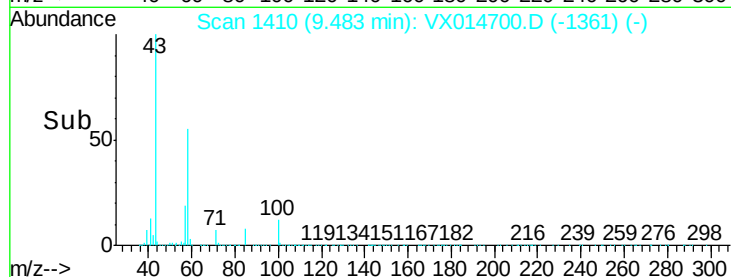
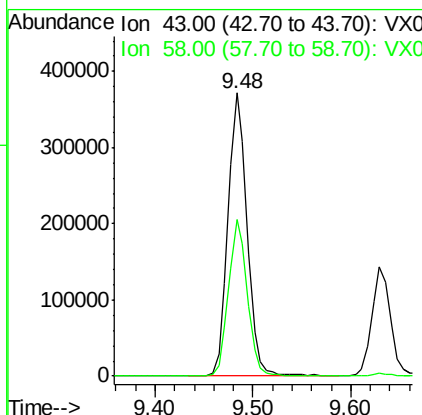
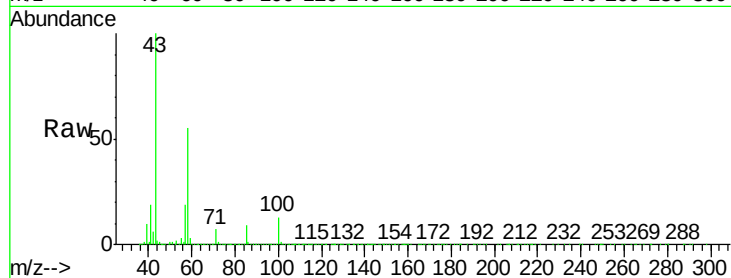
#59
2-Hexanone
Concen: 91.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion: 43 Resp: 503040
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5

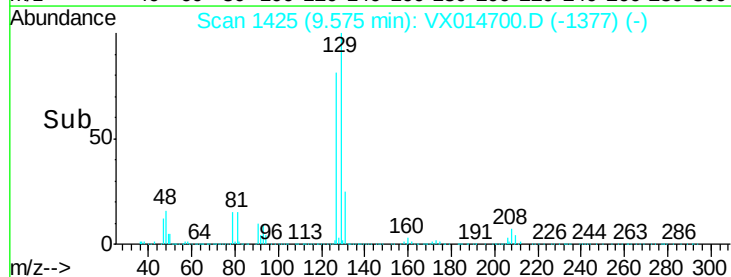
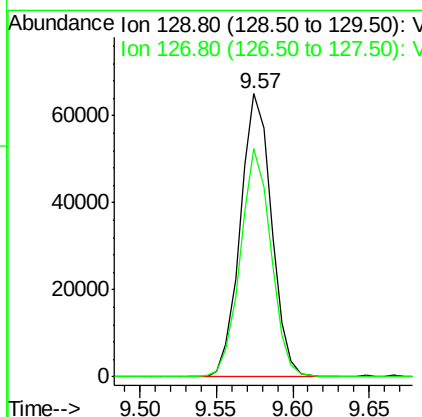
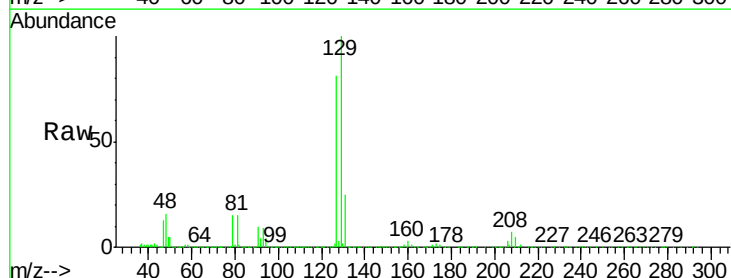
Manual Integrations
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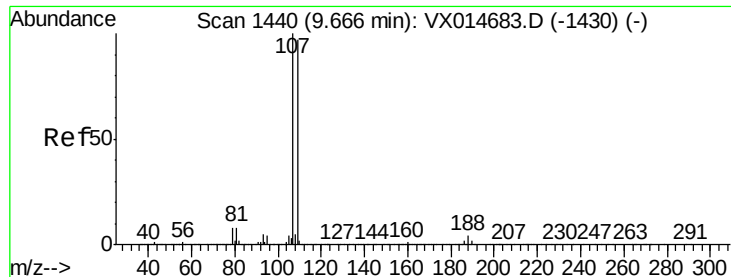
MMDadoda
1/27/2020 10:35:44 AM



#60
Dibromochloromethane
Concen: 18.902 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 129 Resp: 91795
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.601 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion:107 Resp: 96421

Ion Ratio Lower Upper

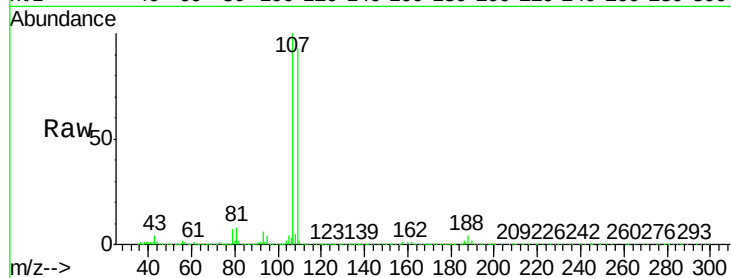
107 100

109 94.6 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

80000

60000

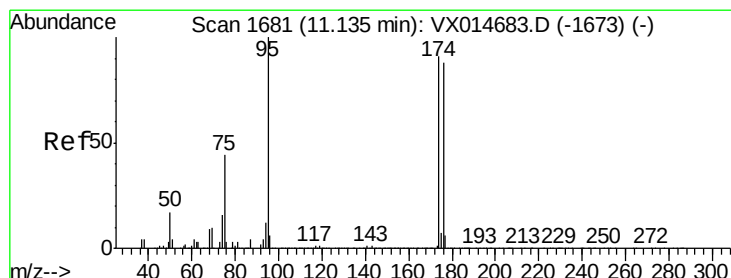
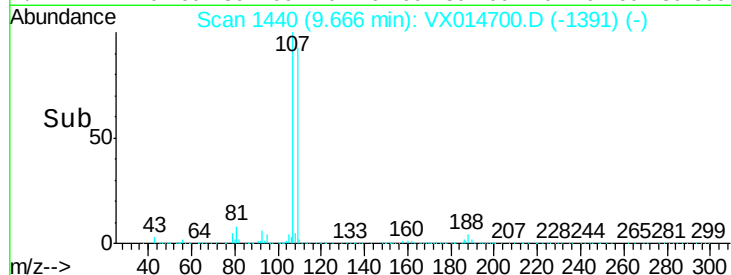
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.625 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

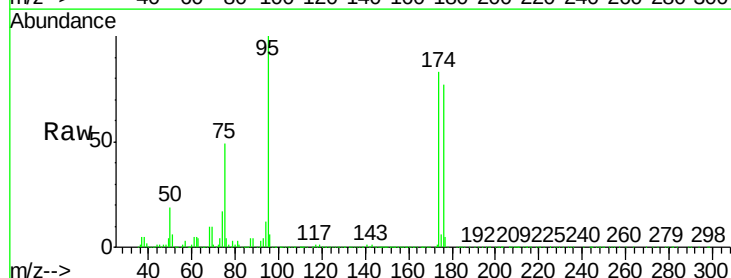
Tgt Ion: 95 Resp: 276117

Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.0

176 85.3 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

11.13

250000

200000

150000

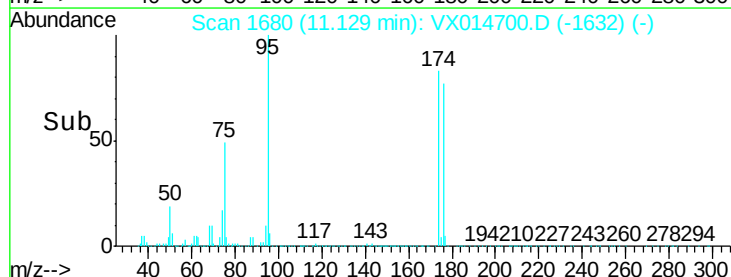
100000

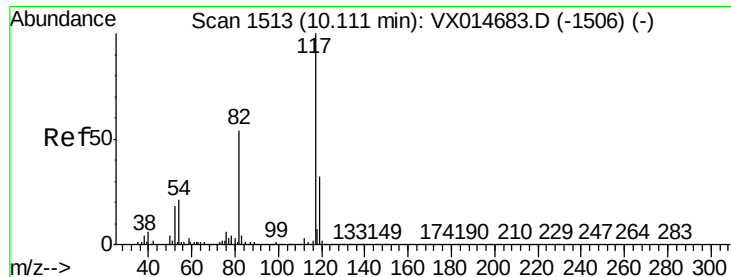
50000

0

11.10 11.20

Time-->





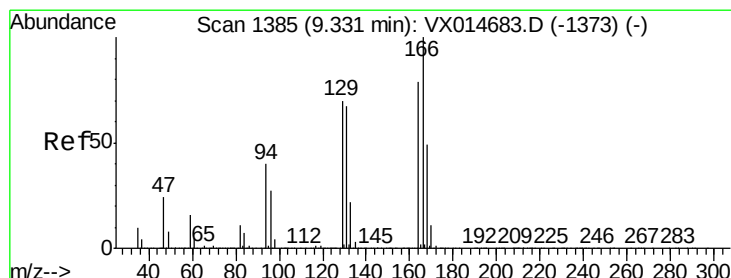
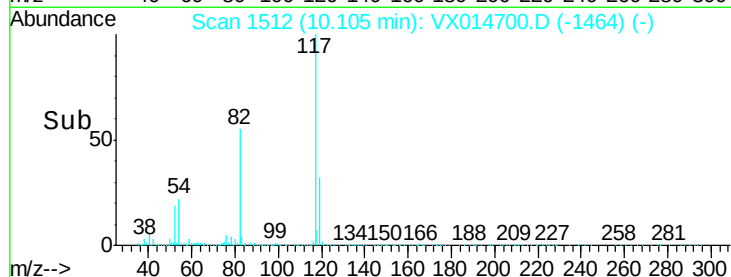
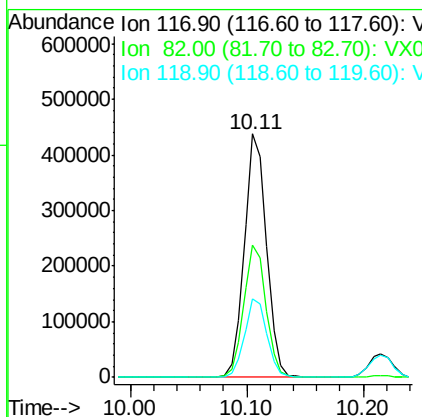
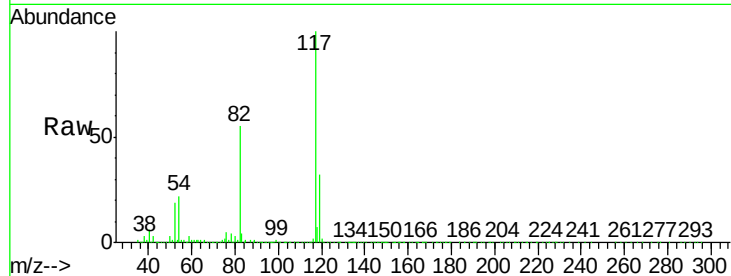
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	43.2	64.8
119	32.1	25.8	38.6

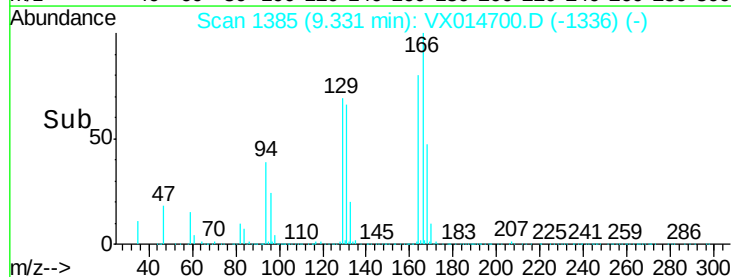
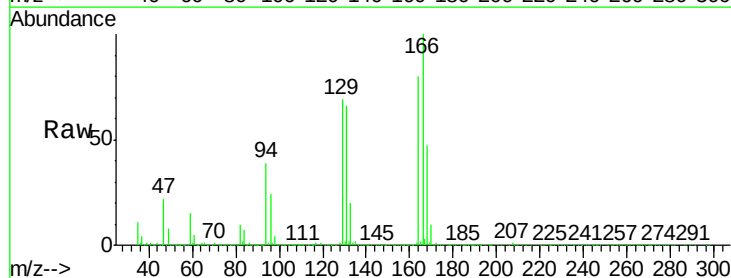
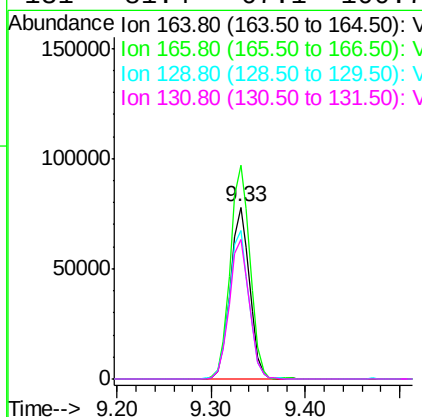
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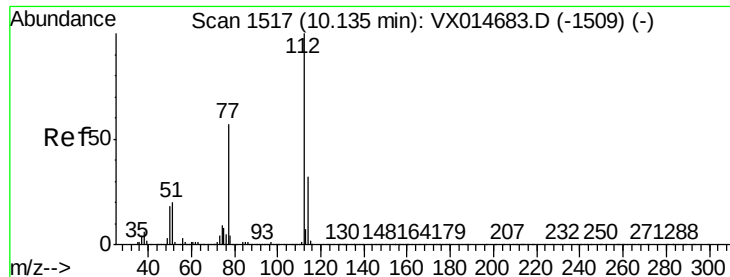
MMDadoda
1/27/2020 10:35:44 AM



#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	124.3	100.9	151.3
129	86.1	71.0	106.6
131	81.4	67.1	100.7





#65

Chlorobenzene

Concen: 19.509 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion:112 Resp: 242153

Ion Ratio Lower Upper

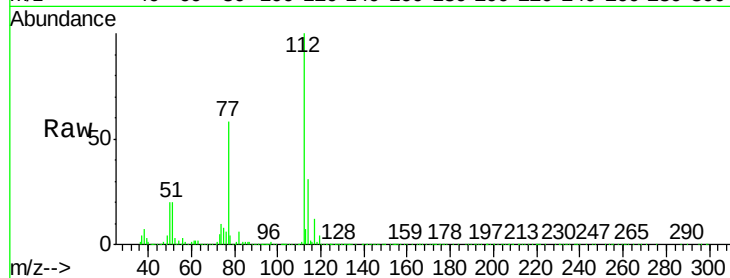
112 100

114 31.0 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

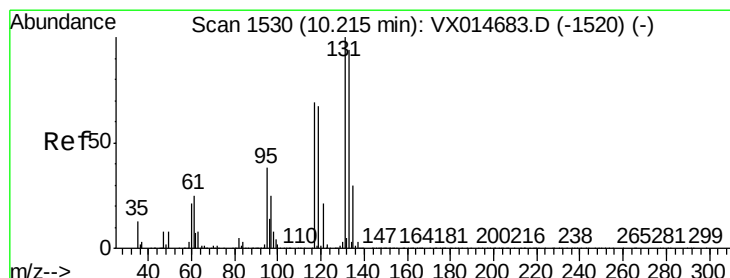
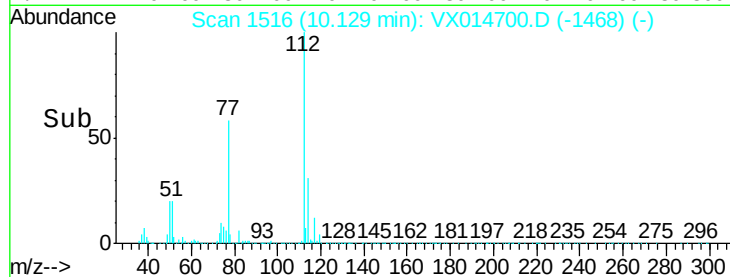
100000

50000

0

10.10 10.13 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.142 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

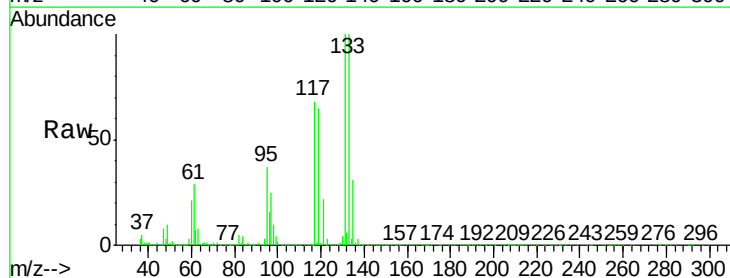
Tgt Ion:131 Resp: 87606

Ion Ratio Lower Upper

131 100

133 96.1 47.4 142.3

119 66.1 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

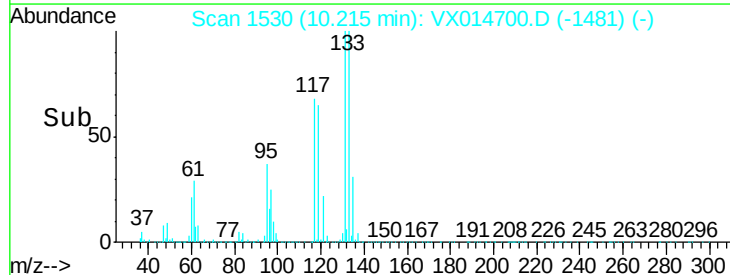
100000

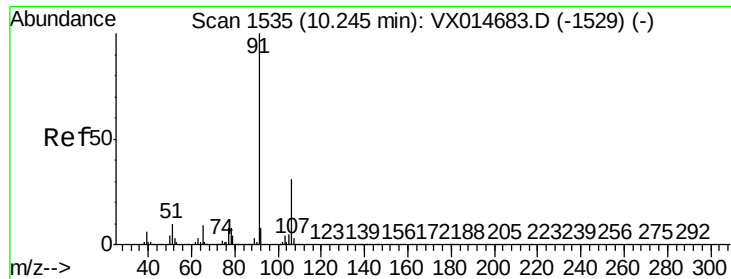
50000

0

10.10 10.21 10.30

Time-->





#67

Ethyl Benzene

Concen: 19.808 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 91 Resp: 419819

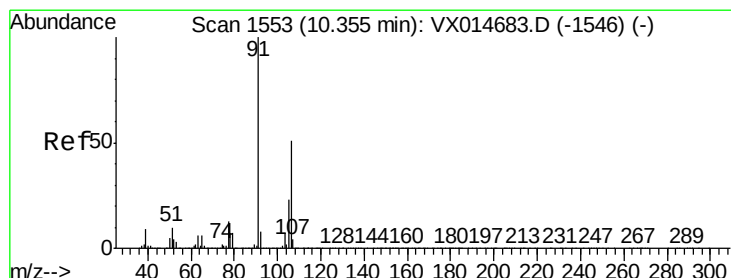
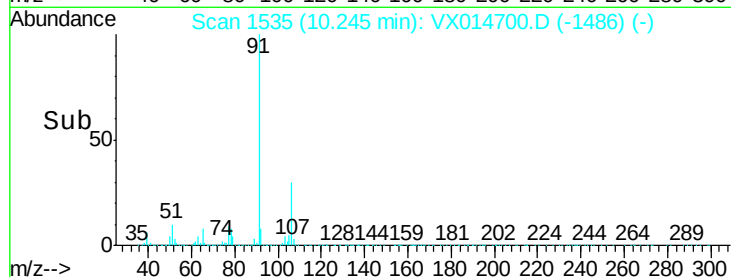
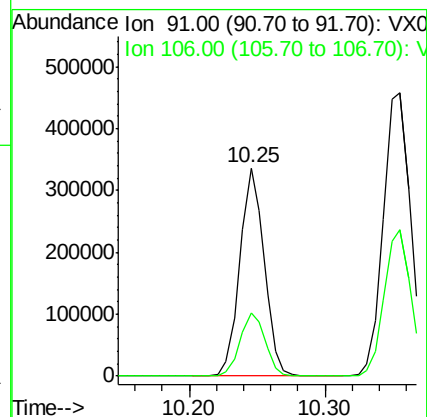
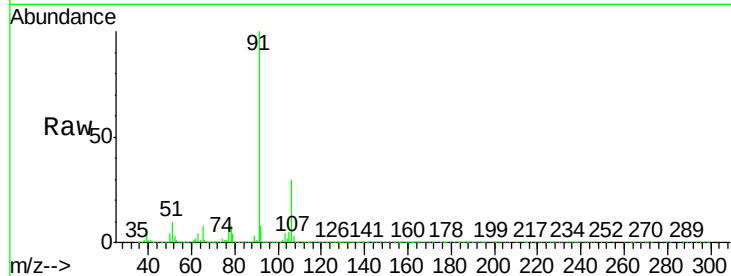
Ion Ratio Lower Upper

91 100

106 30.2 24.9 37.3

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#68

m/p-Xylenes

Concen: 40.173 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014700.D

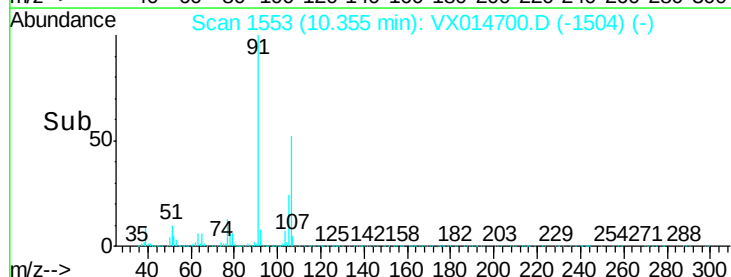
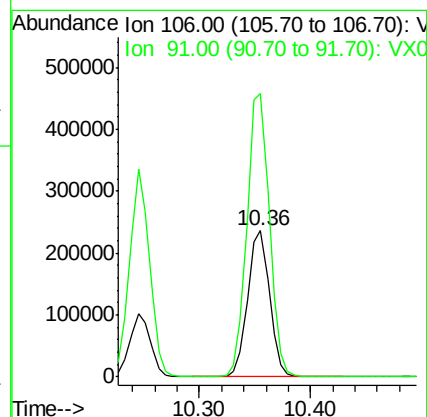
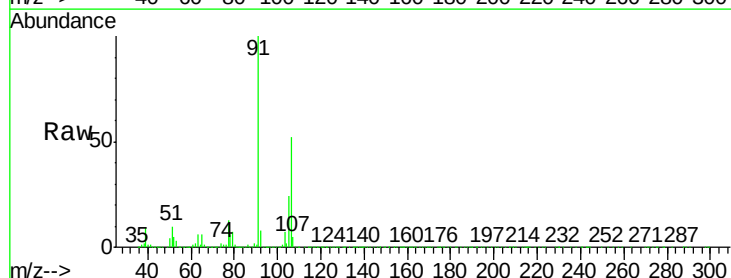
Acq: 24 Jan 2020 16:33

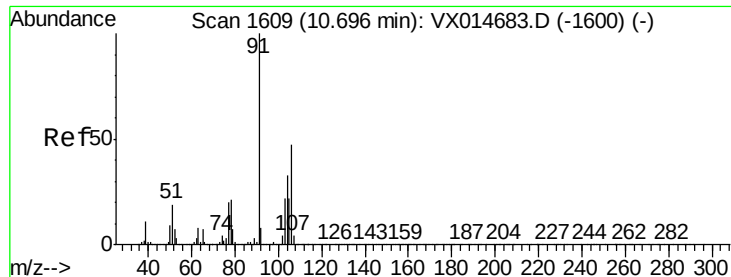
Tgt Ion: 106 Resp: 322563

Ion Ratio Lower Upper

106 100

91 198.7 159.4 239.2





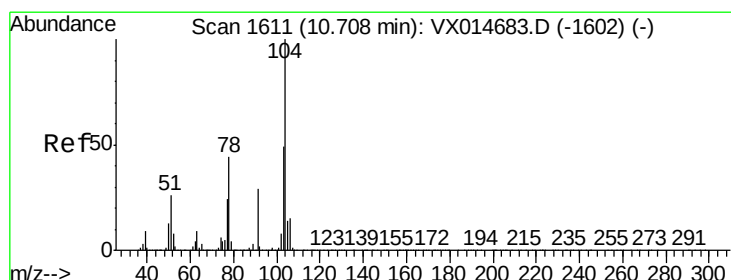
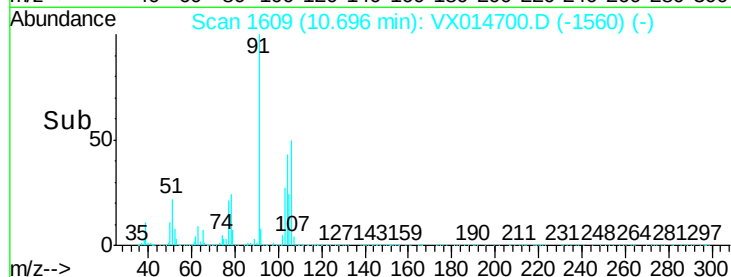
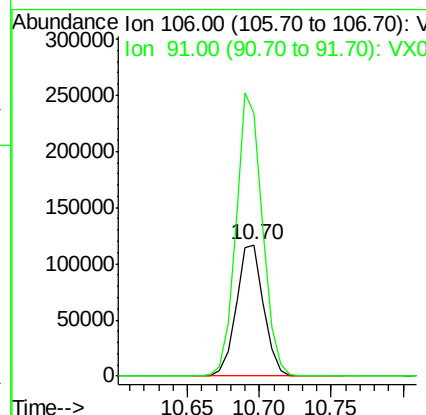
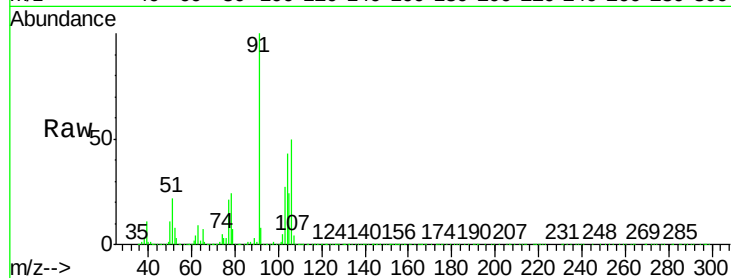
#69
o-Xylene
Concen: 19.897 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	106.2	318.6

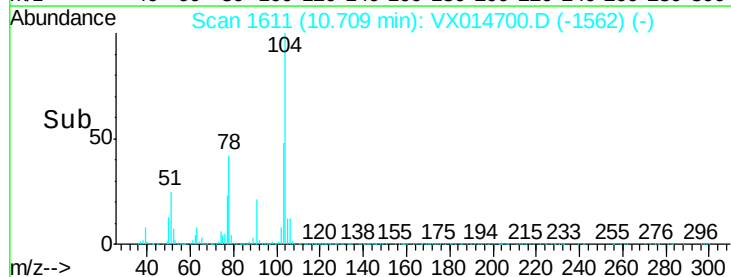
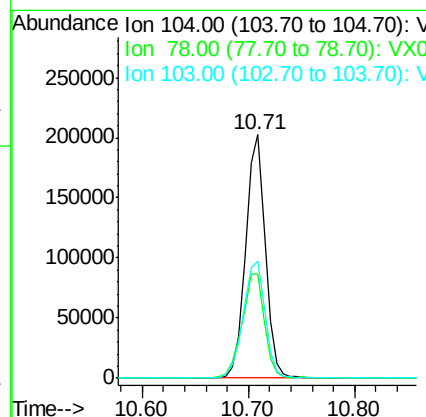
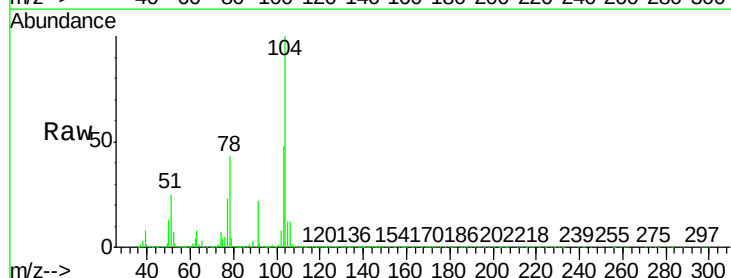
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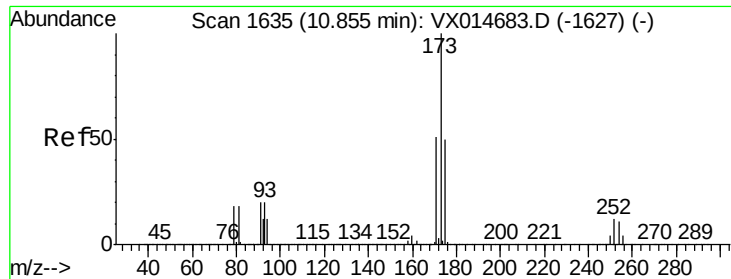
MMDadoda
1/27/2020 10:35:44 AM



#70
Styrene
Concen: 20.245 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.3	58.9
103	54.1	43.5	65.3





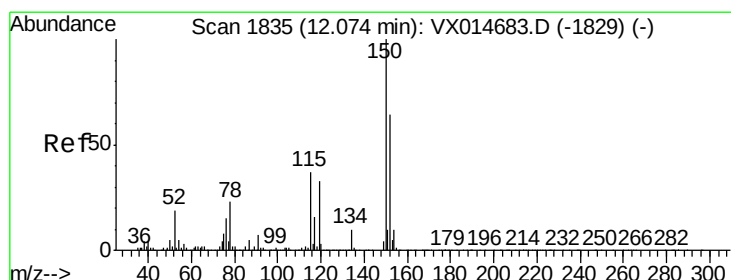
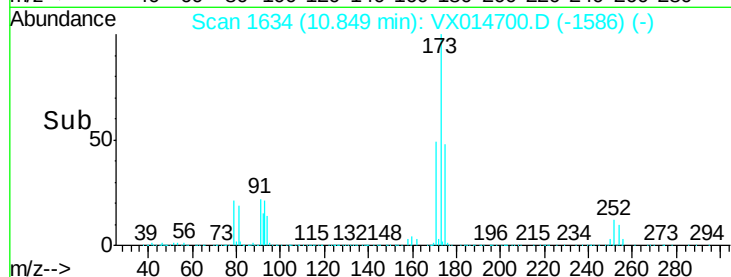
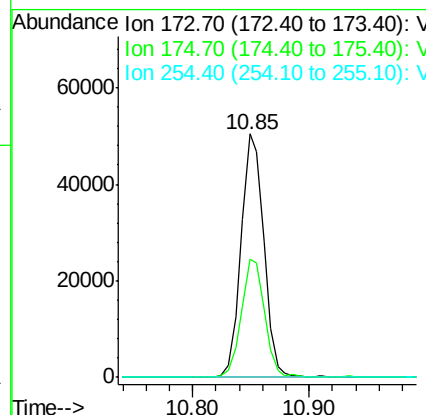
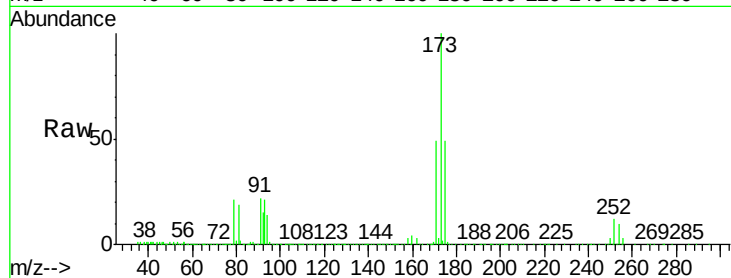
#71
Bromoform
Concen: 18.950 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.6
254	0.3	0.1	0.1#

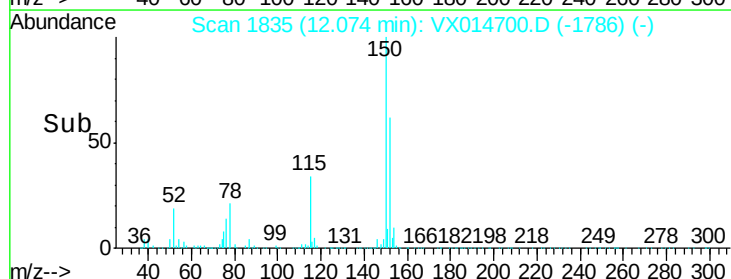
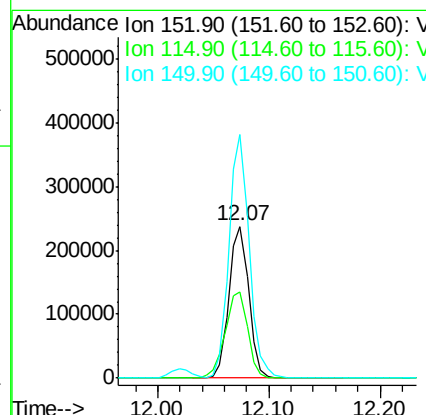
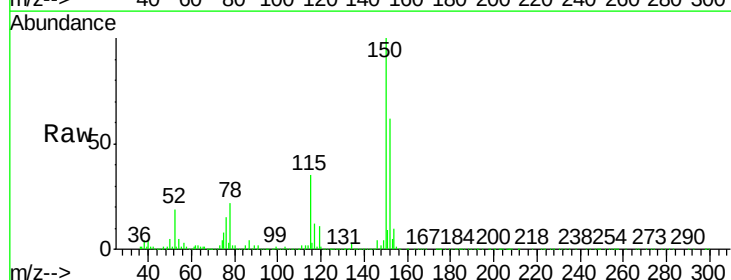
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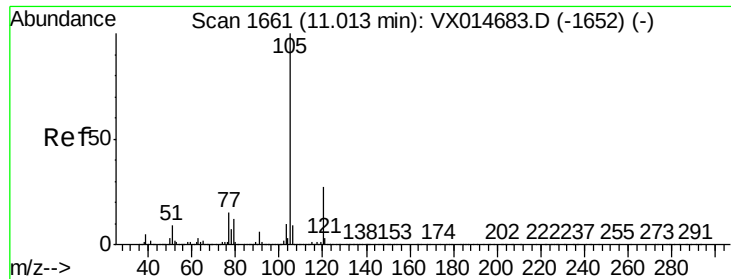
MMDadoda
1/27/2020 10:35:44 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	39.4	118.1
150	164.2	0.0	351.2





#73

Isopropylbenzene

Concen: 20.118 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 105 Resp: 412714

Ion Ratio Lower Upper

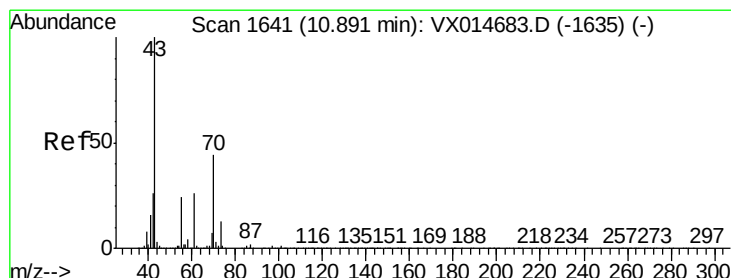
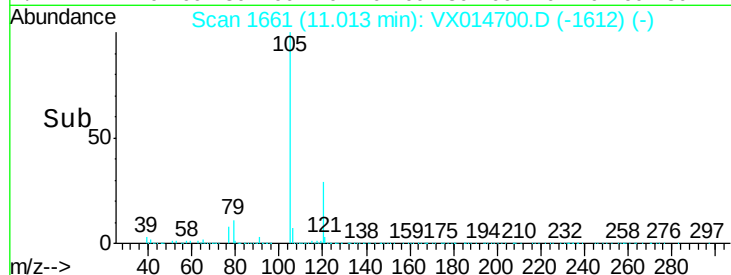
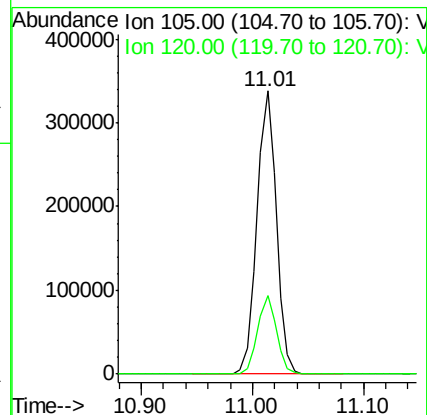
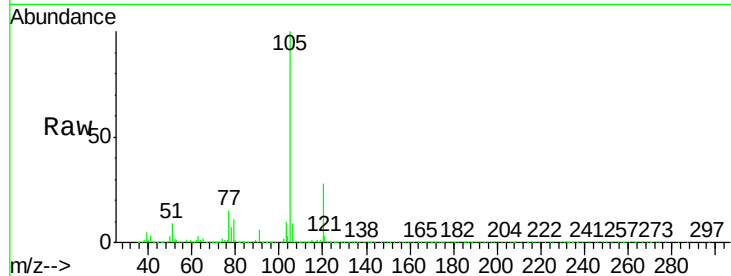
105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.699 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion: 43 Resp: 177094

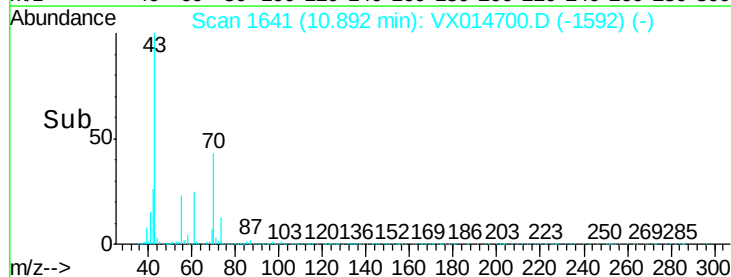
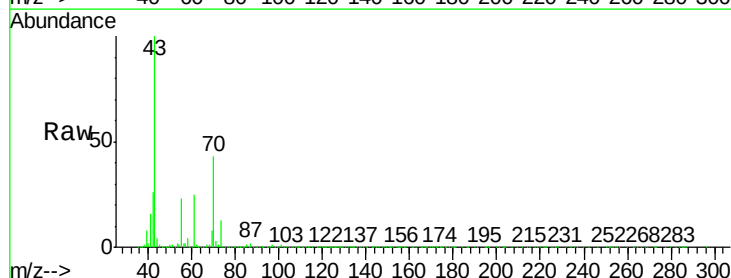
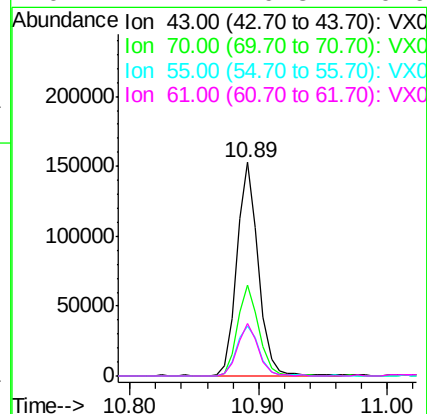
Ion Ratio Lower Upper

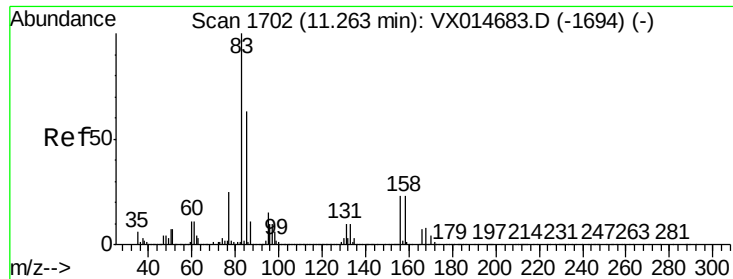
43 100

70 42.7 34.6 52.0

55 24.8 19.4 29.2

61 24.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.504 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

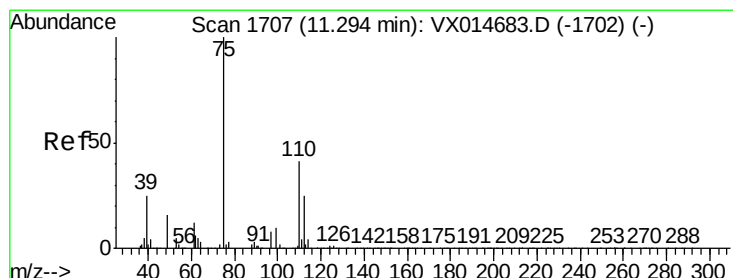
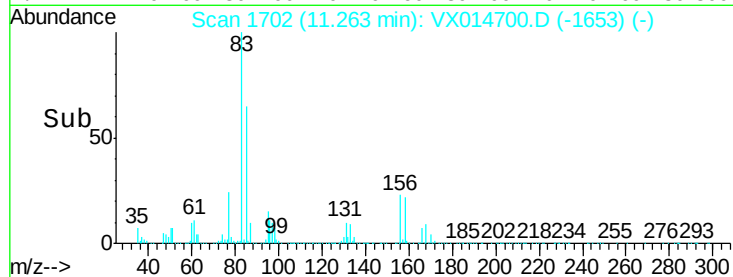
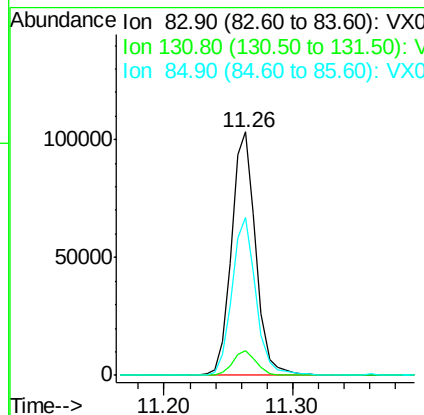
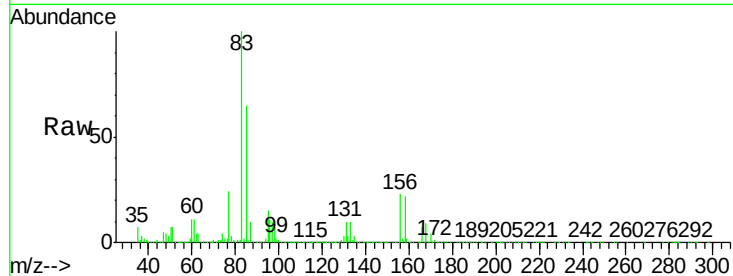
ClientSampleId :

VX0124WBSD02

Tot Ion:	83	Resp:	135535
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	15.0
85	64.0	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 16.965 ug/l m

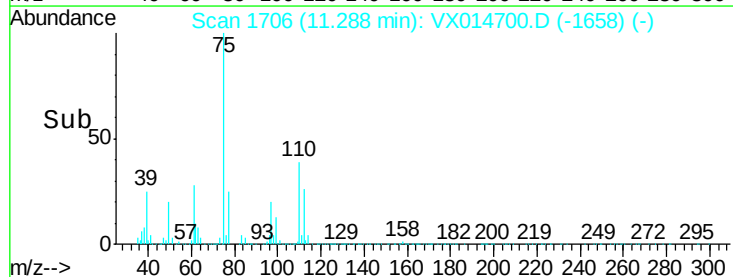
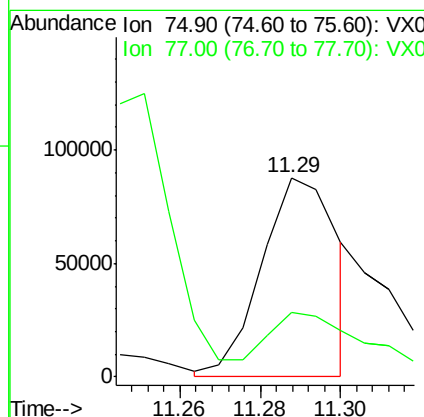
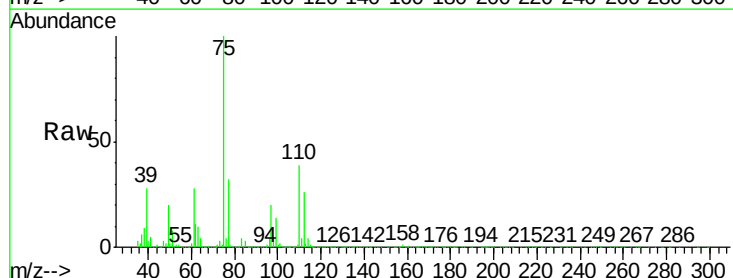
RT: 11.29 min Scan# 1706

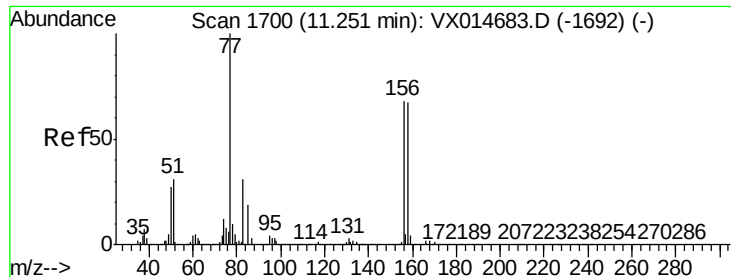
Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:	75	Resp:	115159
Ion Ratio	Lower	Upper	
75	100		
77	43.8	18.7	56.1





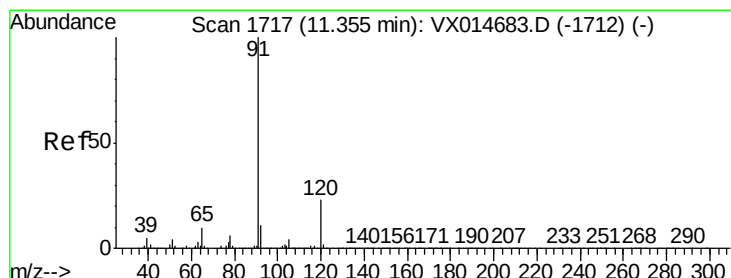
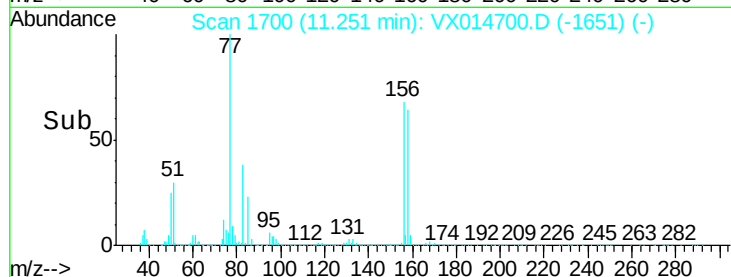
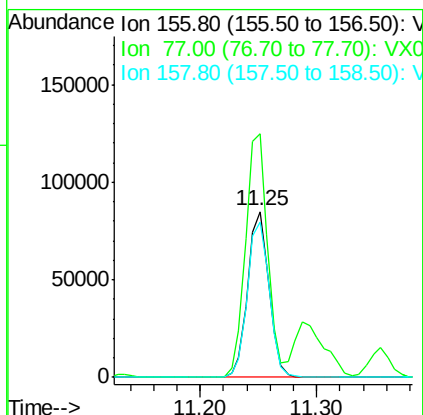
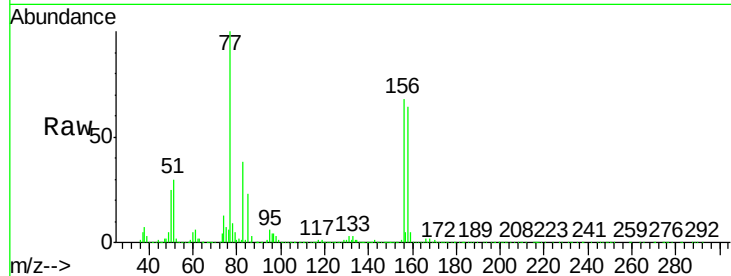
#77
Bromobenzene
Concen: 19.904 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.7	77.5	232.5
158	96.3	49.1	147.3

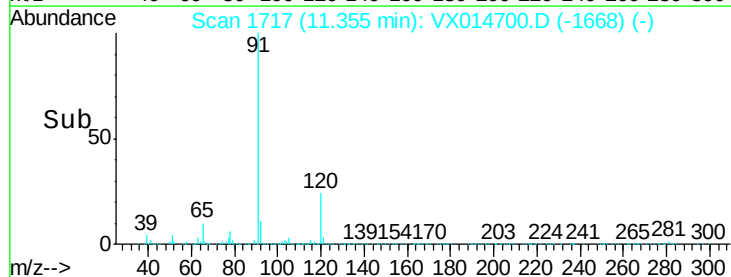
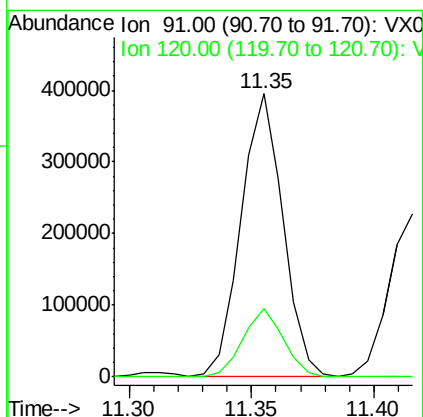
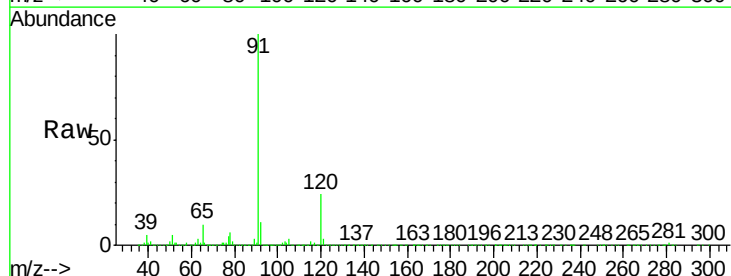
Manual Integrations
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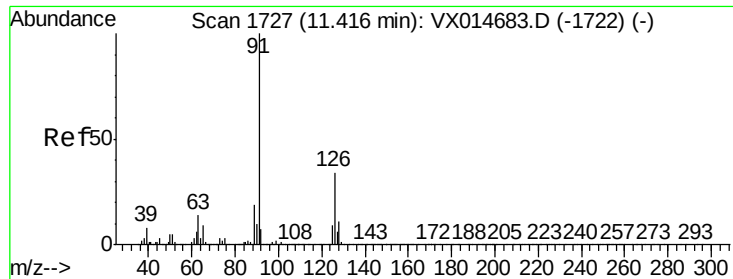
MMDadoda
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#78
n-propylbenzene
Concen: 20.042 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.0





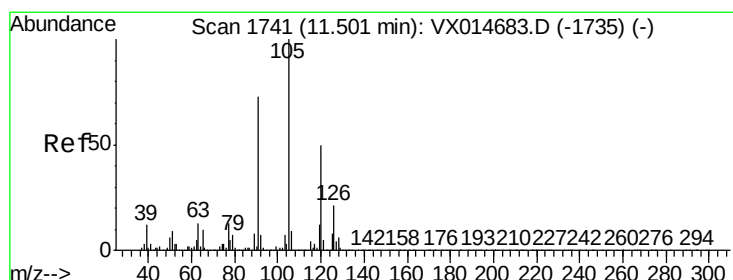
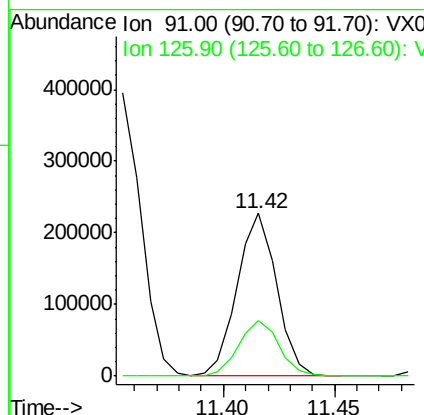
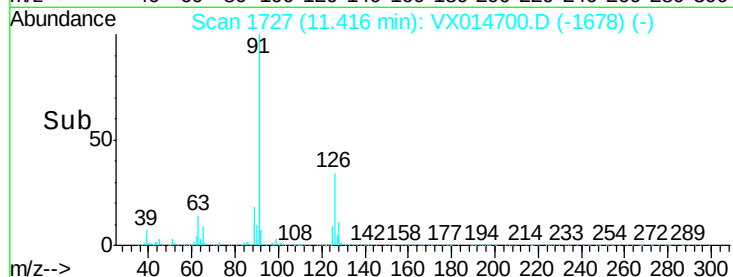
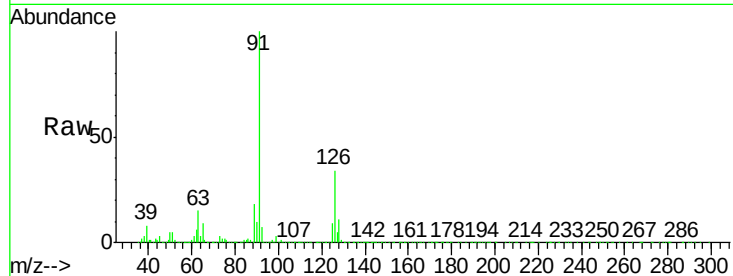
#79
2-Chlorotoluene
Concen: 19.855 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampled :
VX0124WBSD02

Tot Ion: 91 Resp: 279754
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

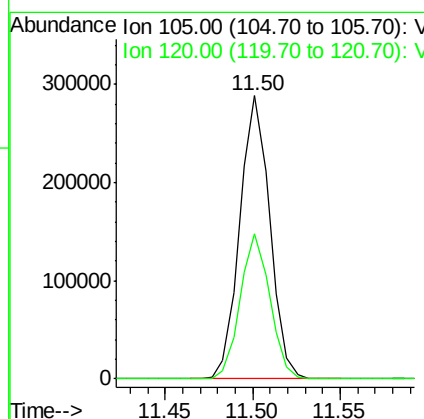
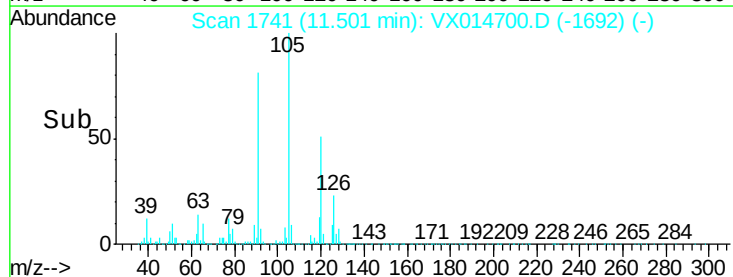
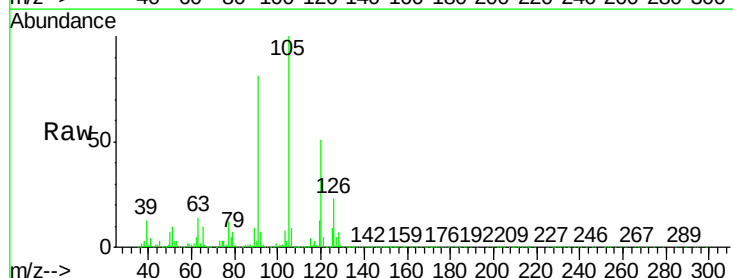
Manual Integrations
APPROVED

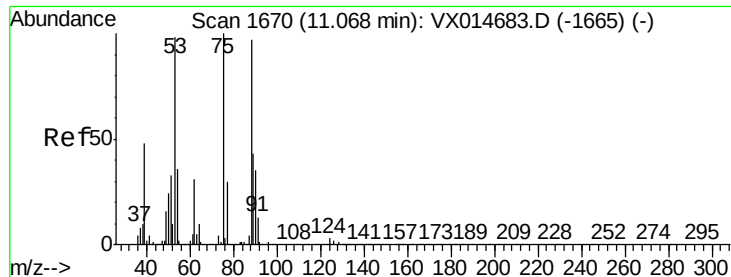
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.133 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 105 Resp: 342796
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6





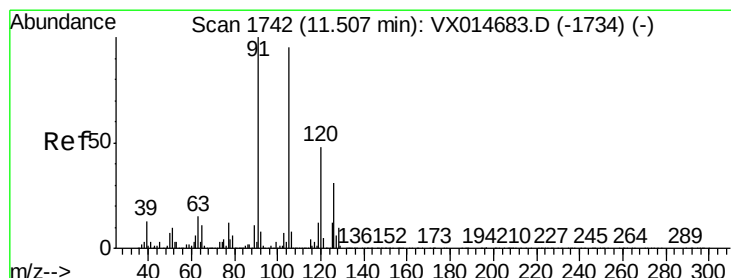
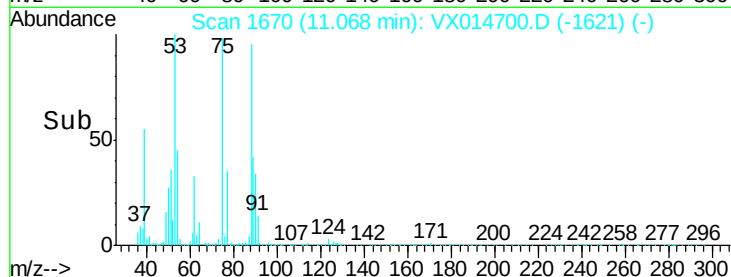
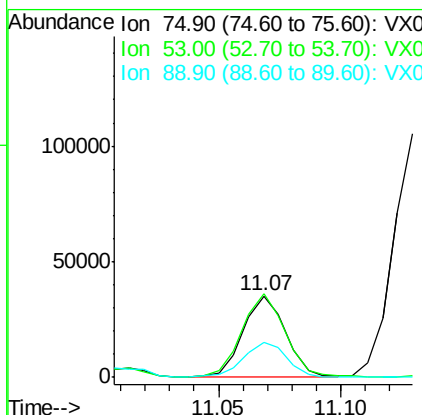
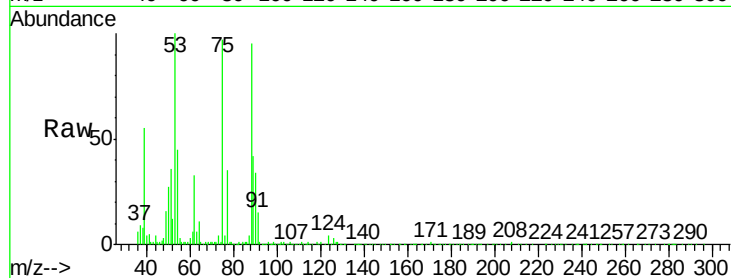
#81
trans-1,4-Dichloro-2-butene
Concen: 17.755 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	78.8	118.2
89	44.8	35.4	53.0

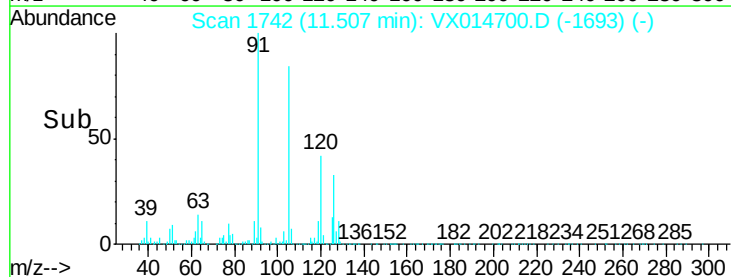
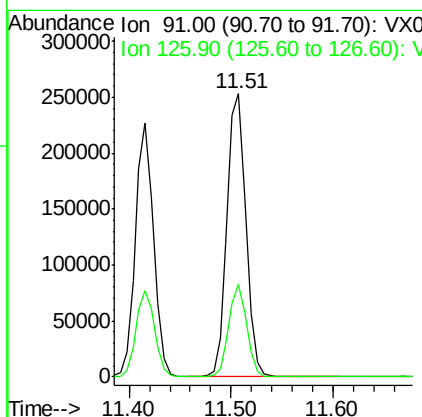
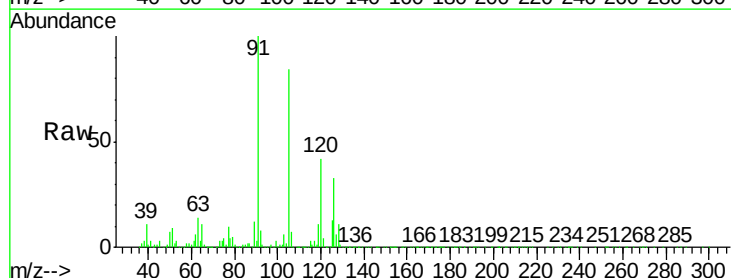
Manual Integrations
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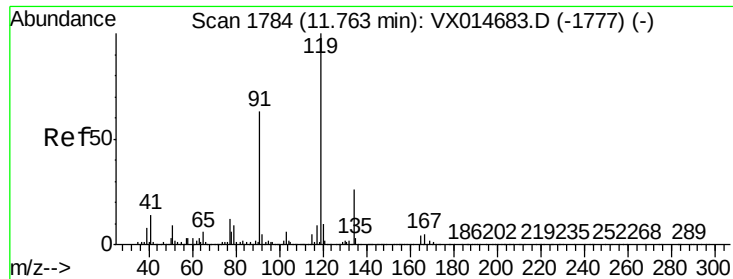
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#82
4-Chlorotoluene
Concen: 20.138 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





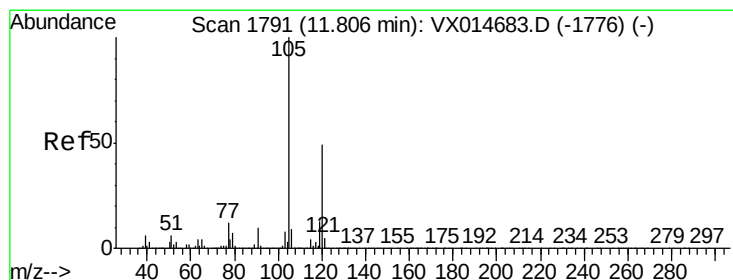
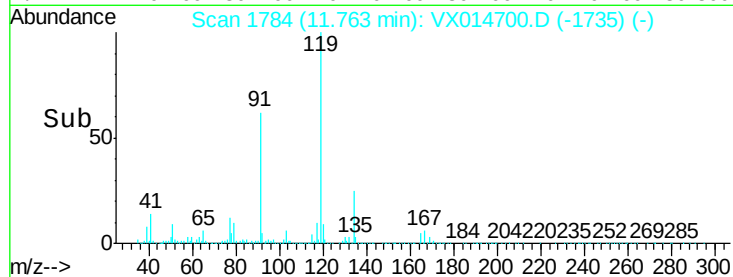
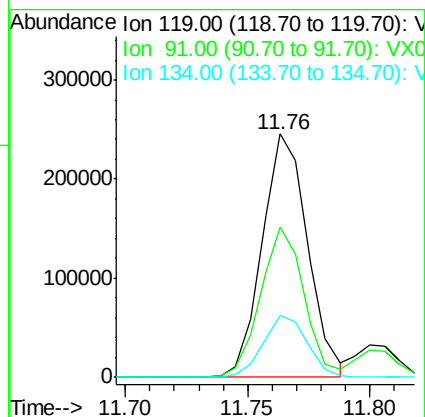
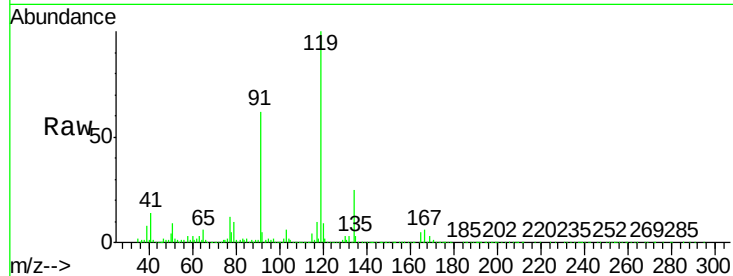
#83
 tert-Butylbenzene
 Concen: 19.797 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	316740		
91	59.0	30.0	90.0	
134	24.9	12.7	38.0	

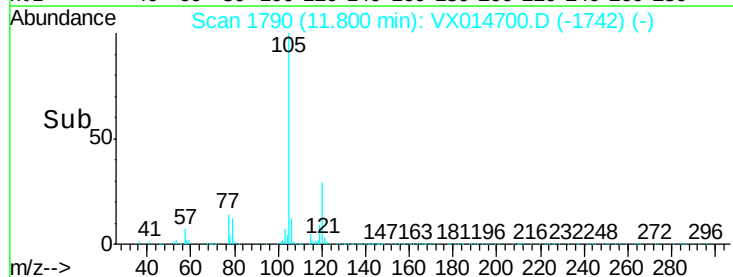
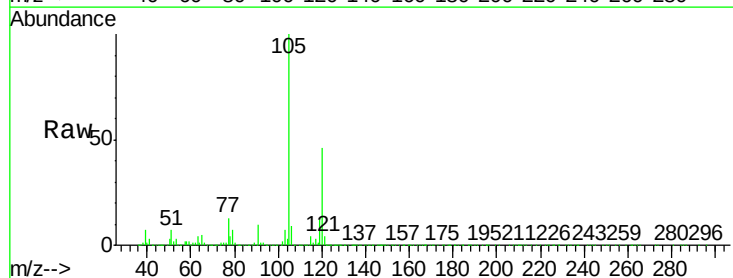
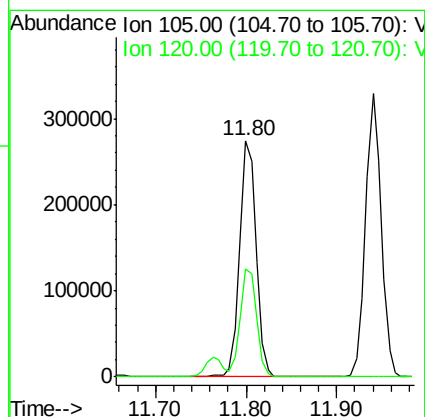
Manual Integrations
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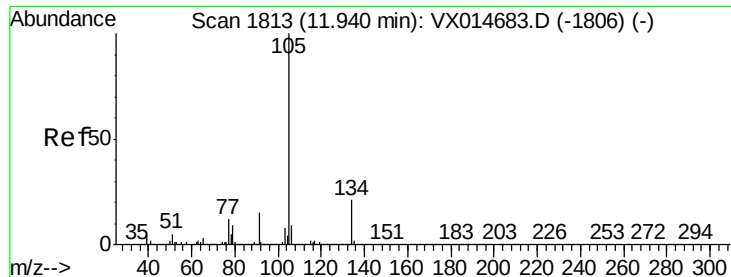
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.203 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	345041		
120	45.2	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.043 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion:105 Resp: 392841

Ion Ratio Lower Upper

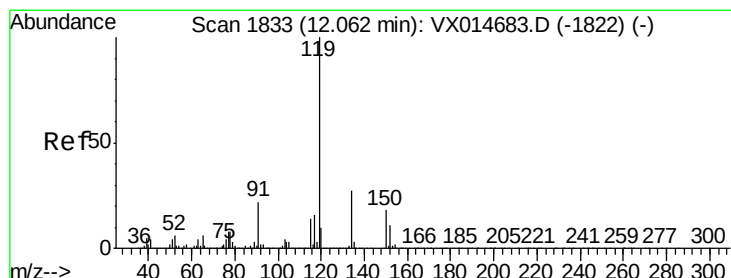
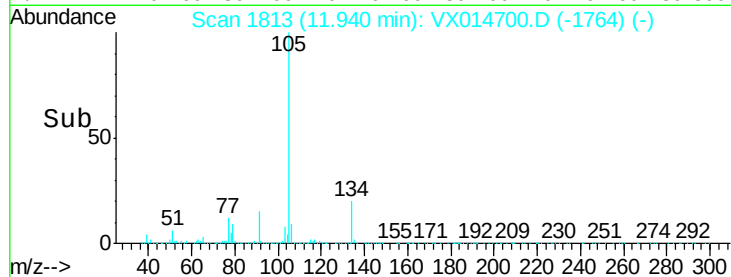
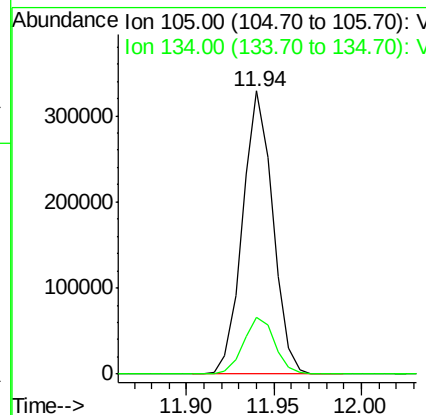
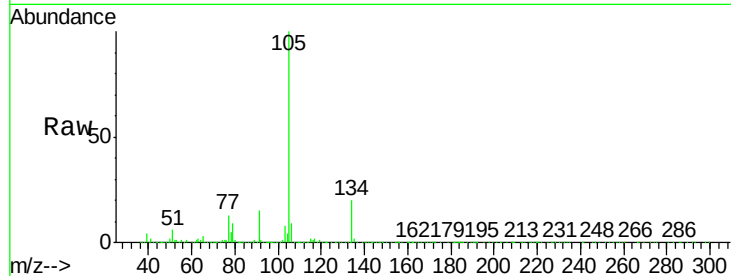
105 100

134 20.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 19.903 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

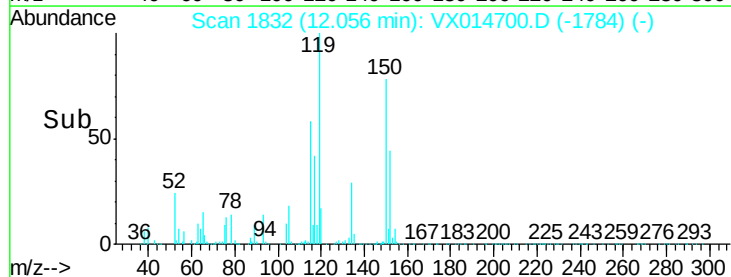
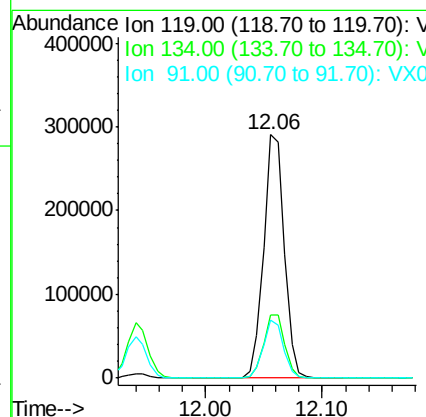
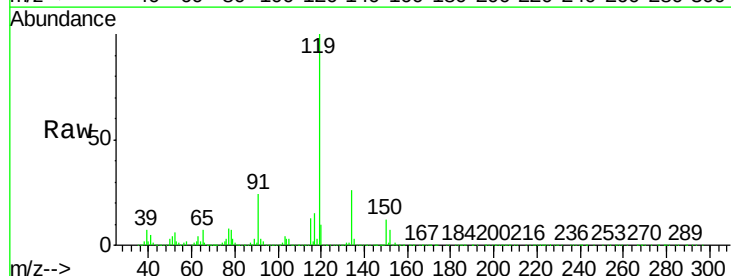
Tgt Ion:119 Resp: 360520

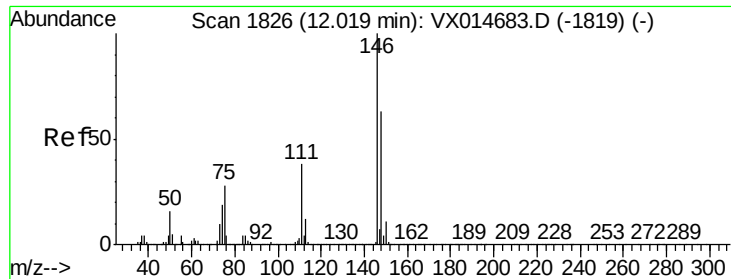
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.208 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

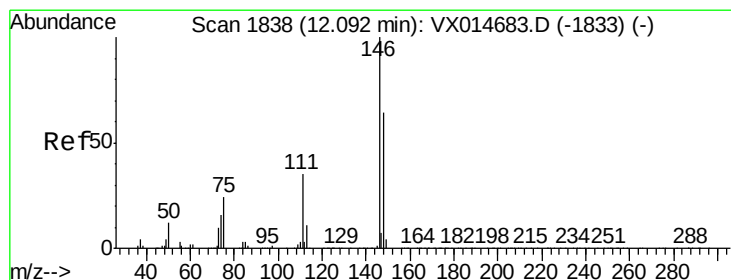
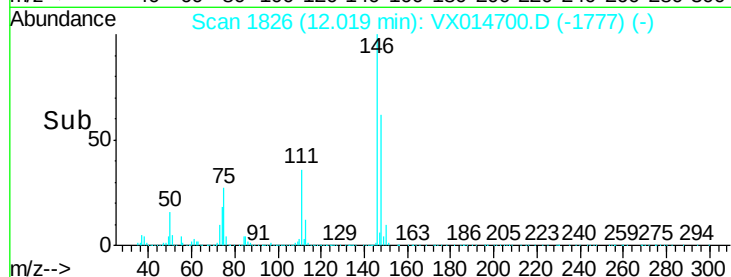
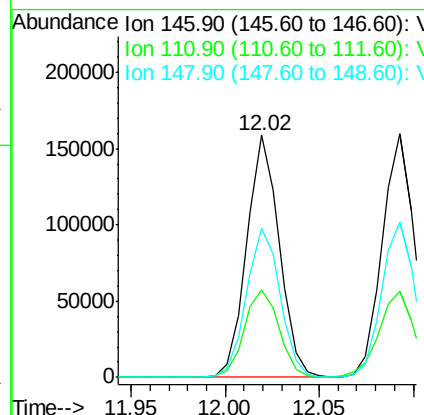
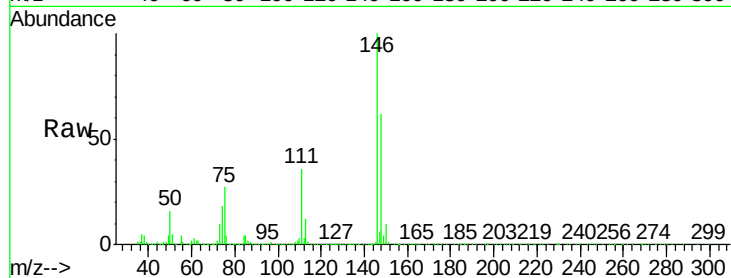
Instrument :
MSVOA_X

ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	63.6	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.398 ug/l

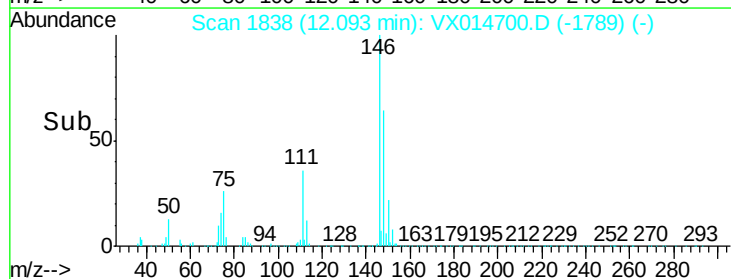
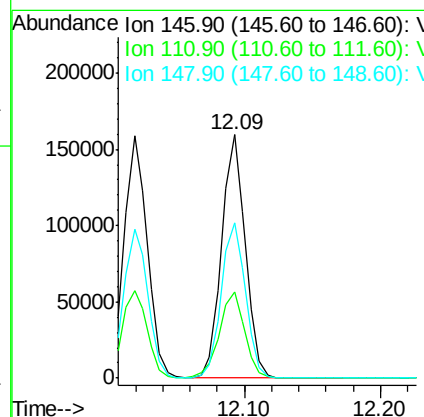
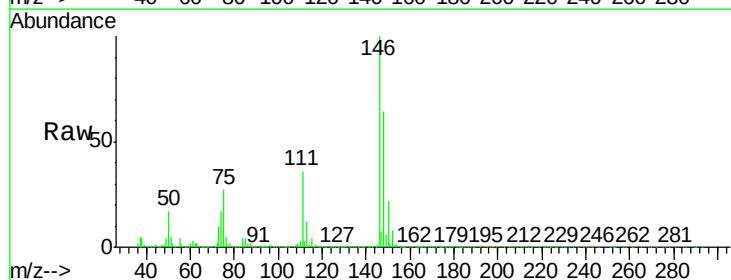
RT: 12.09 min Scan# 1838

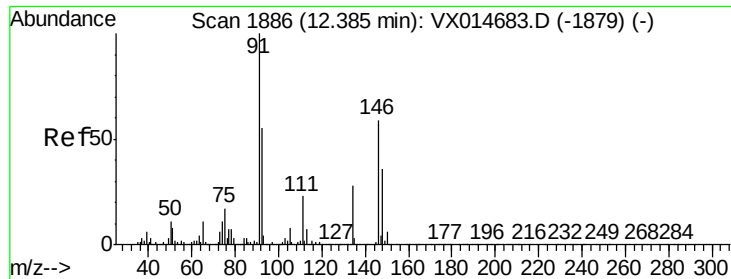
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	65.2	32.0	96.2





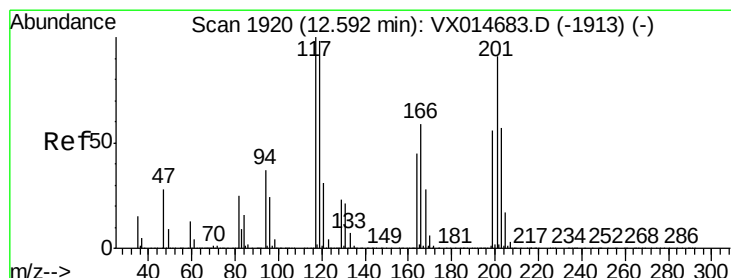
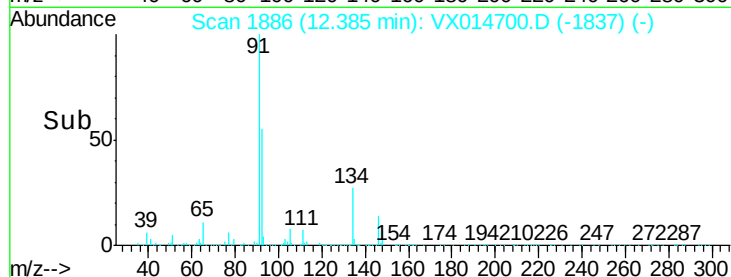
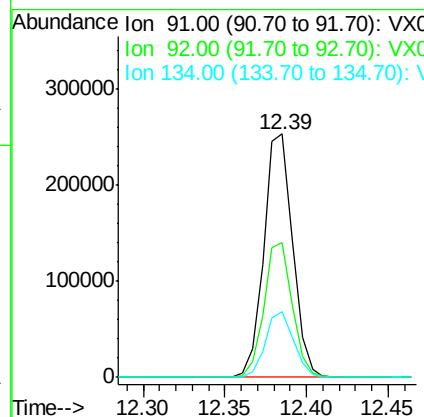
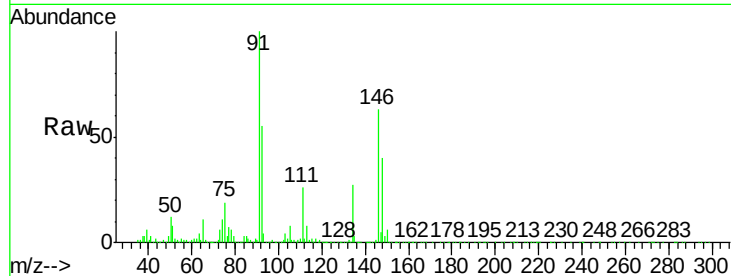
#89
n-Butylbenzene
Concen: 19.561 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	26.6	13.3	39.8

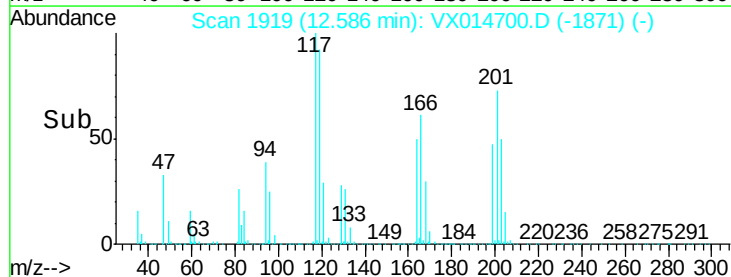
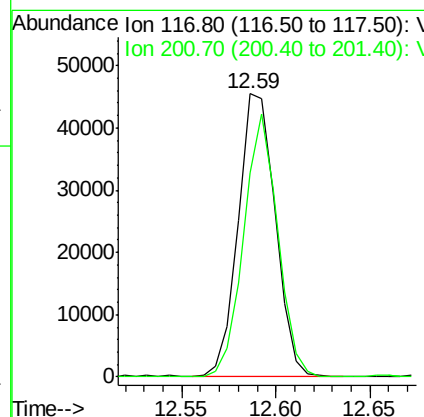
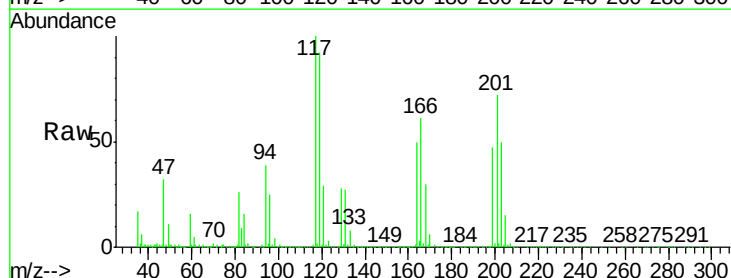
Manual Integrations
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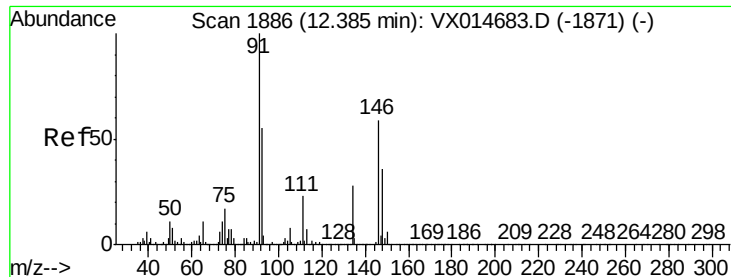
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#90
Hexachloroethane
Concen: 18.399 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	44.4	133.1





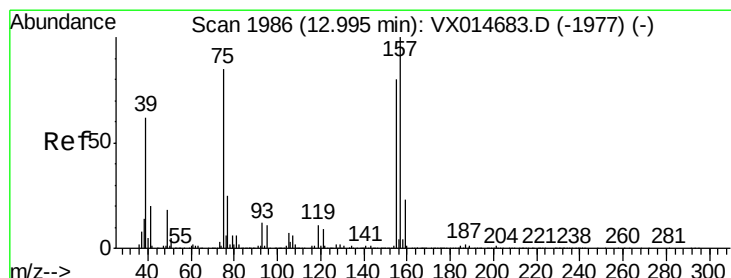
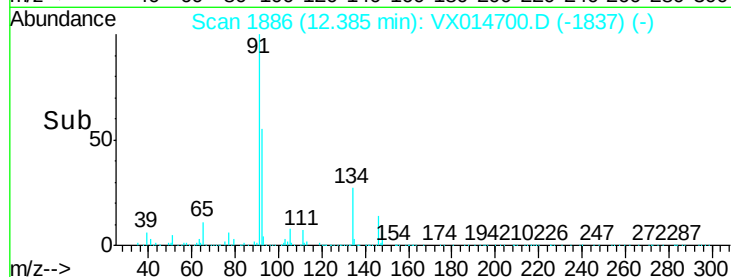
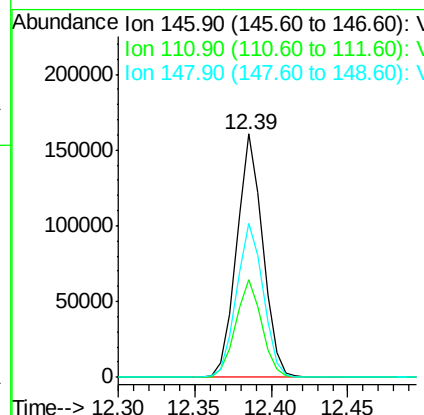
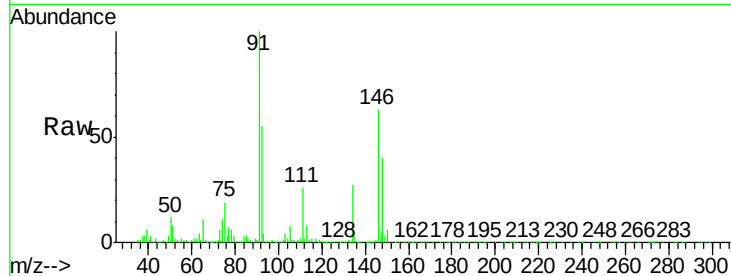
#91
 1,2-Dichlorobenzene
 Concen: 19.283 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	64.7	31.9	95.9

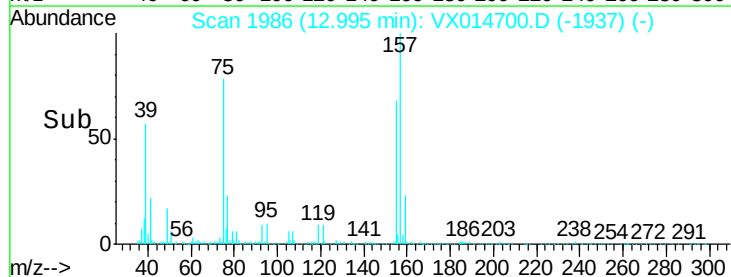
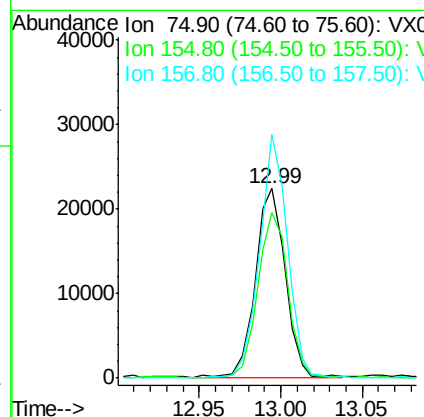
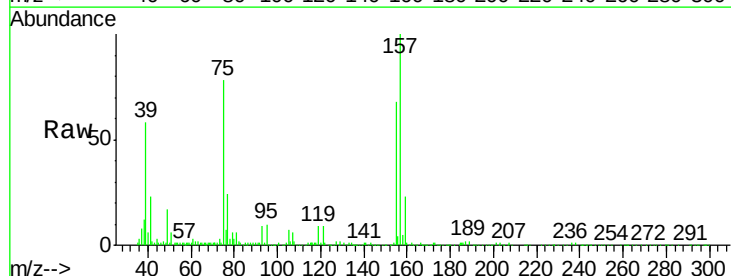
Manual Integrations
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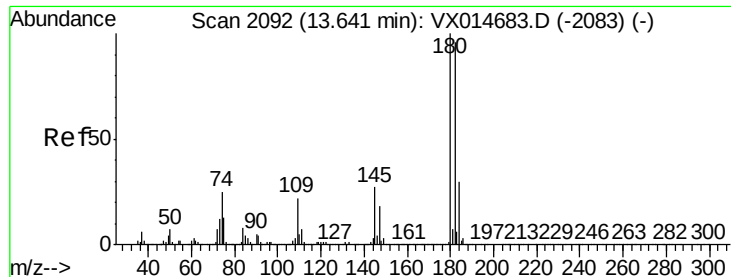
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.013 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	45.6	136.9
157	122.4	60.3	180.9





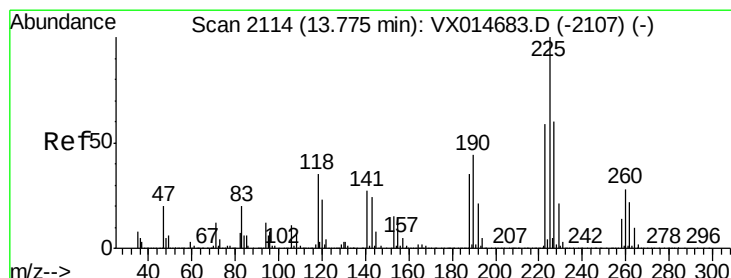
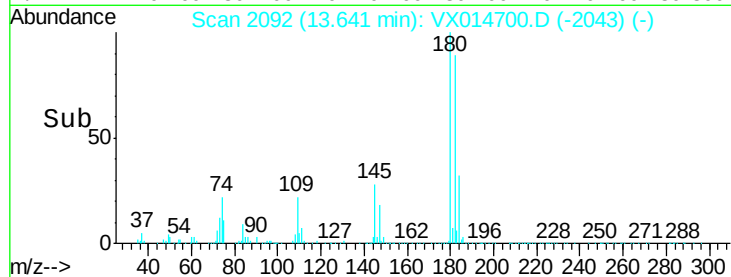
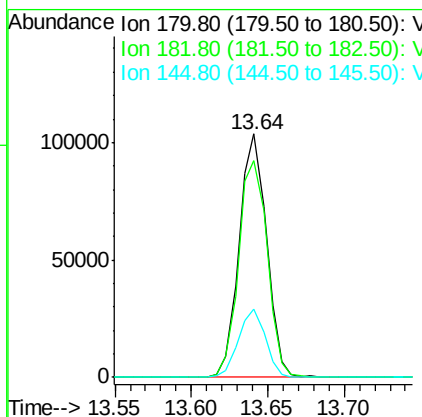
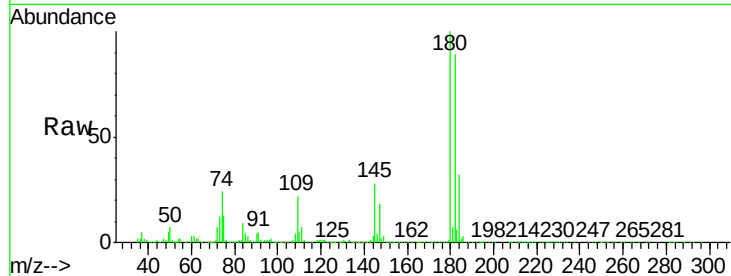
#93
 1,2,4-Trichlorobenzene
 Concen: 20.252 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128446		
182	93.6	48.5	145.6	
145	27.9	14.0	41.9	

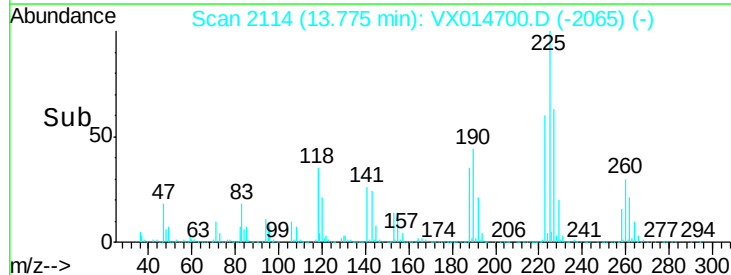
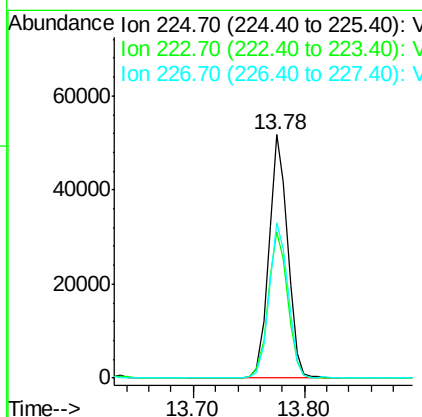
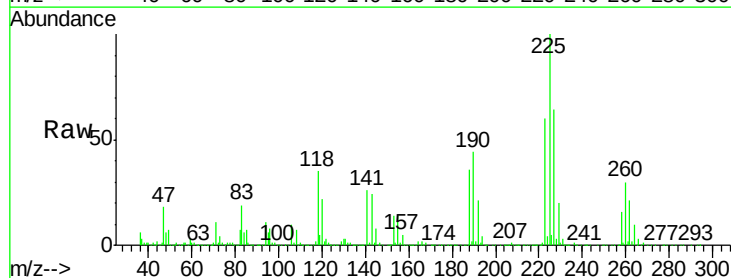
Manual Integrations
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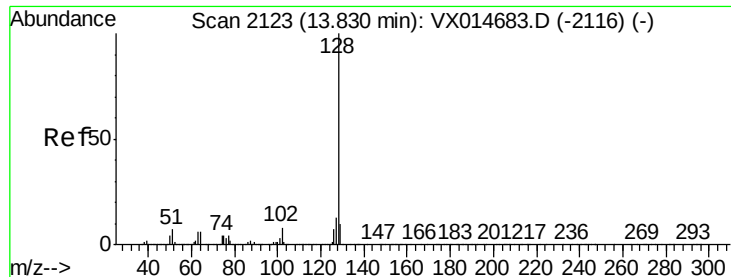
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#94
 Hexachlorobutadiene
 Concen: 18.800 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61369		
223	62.3	30.6	91.8	
227	64.2	31.4	94.0	





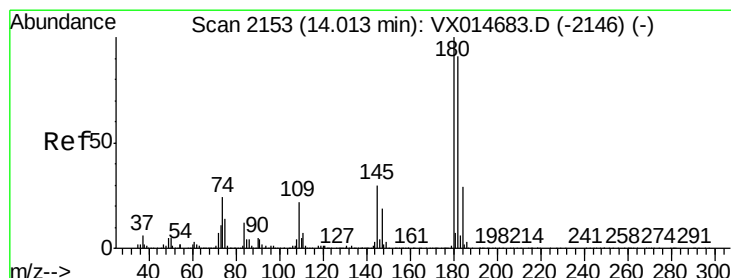
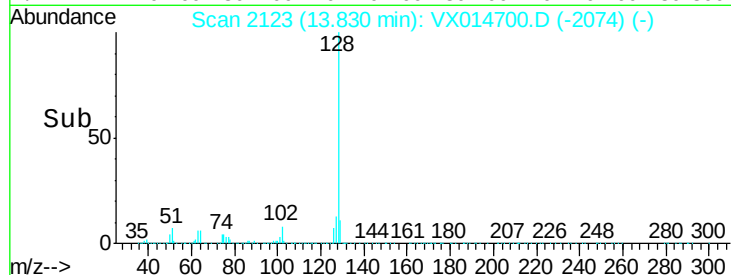
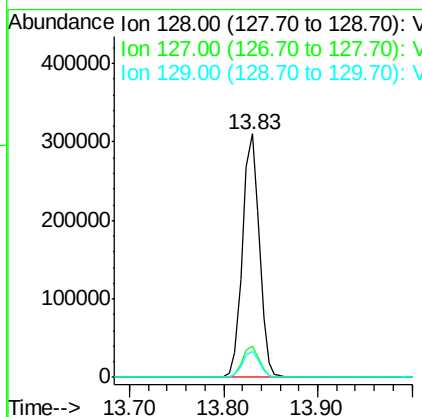
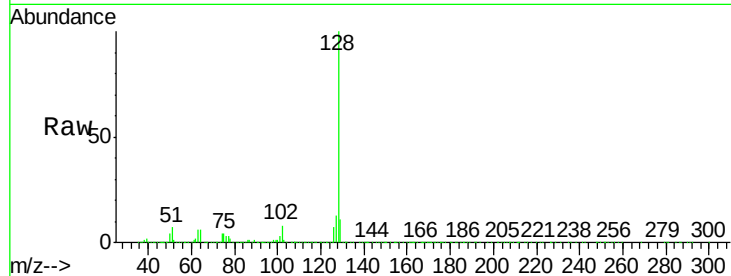
#95
Naphthalene
Concen: 19.519 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:35:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.307 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.7
145	30.5	14.7	44.1

