

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014684.D
 Acq On : 22 Jan 2020 11:50
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 1:39:12 PM

Quant Time: Jan 22 12:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	435047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	623648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	489025	99.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.88%	
35) Dibromofluoromethane	5.49	113	402995	98.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.70%	
50) Toluene-d8	8.71	98	1569705	98.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.48%	
62) 4-Bromofluorobenzene	11.13	95	578012	99.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	574708	116.991	ug/l	100
3) Chloromethane	1.31	50	587285	104.627	ug/l	99
4) Vinyl Chloride	1.40	62	671465	107.699	ug/l	100
5) Bromomethane	1.63	94	442766	105.658	ug/l	96
6) Chloroethane	1.70	64	352107	94.937	ug/l	98
7) Trichlorofluoromethane	1.92	101	703053	99.504	ug/l	98
8) Diethyl Ether	2.18	74	310690	96.601	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	417141	97.197	ug/l	99
10) Methyl Iodide	2.50	142	598473	114.650	ug/l	100
11) Tert butyl alcohol	3.05	59	612604	609.180	ug/l	100
12) 1,1-Dichloroethene	2.36	96	419053	97.209	ug/l	98
13) Acrolein	2.28	56	446918	542.582	ug/l	98
14) Allyl chloride	2.72	41	807021	105.805	ug/l	99
15) Acrylonitrile	3.13	53	1360253	549.268	ug/l	99
16) Acetone	2.44	43	1335708	499.736	ug/l	98
17) Carbon Disulfide	2.56	76	1194473	99.008	ug/l	100
18) Methyl Acetate	2.76	43	814531	115.031	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1417494	102.218	ug/l	99
20) Methylene Chloride	2.84	84	479318	97.299	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	454528	96.317	ug/l	99
22) Diisopropyl ether	3.84	45	1555523	105.087	ug/l	96
23) Vinyl Acetate	3.80	43	6018716	528.580	ug/l	100
24) 1,1-Dichloroethane	3.69	63	833320	103.936	ug/l	99
25) 2-Butanone	4.66	43	2024051	550.861	ug/l	99
26) 2,2-Dichloropropane	4.57	77	668275	99.213	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	523115	99.187	ug/l	99
28) Bromochloromethane	5.00	49	342493	101.105	ug/l	99
29) Tetrahydrofuran	5.11	42	1237473	570.500	ug/l	99
30) Chloroform	5.20	83	801342	102.181	ug/l	99
31) Cyclohexane	5.57	56	785391	104.691	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	691559	103.626	ug/l	98
36) 1,1-Dichloropropene	5.79	75	628171	98.789	ug/l	100
37) Ethyl Acetate	4.82	43	732564	106.052	ug/l	100
38) Carbon Tetrachloride	5.78	117	596175	102.151	ug/l	100

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Quant Time: Jan 22 12:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	794877	99.897	ug/l	96
40) Benzene	6.14	78	1902982	100.623	ug/l	99
41) Methacrylonitrile	5.03	41	405662	109.335	ug/l	99
42) 1,2-Dichloroethane	6.19	62	650354	98.261	ug/l	100
43) Isopropyl Acetate	6.44	43	1201922	107.659	ug/l	100
44) Trichloroethene	7.20	130	522552	96.621	ug/l	96
45) 1,2-Dichloropropane	7.51	63	496980	103.007	ug/l	99
46) Dibromomethane	7.65	93	318899	95.013	ug/l	99
47) Bromodichloromethane	7.89	83	643528	105.069	ug/l	99
48) Methyl methacrylate	7.76	41	603445	112.443	ug/l	99
49) 1,4-Dioxane	7.73	88	262879	2349.283	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3887756	569.526	ug/l	99
52) Toluene	8.78	92	1197780	99.361	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	743516	105.060	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	809860	105.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	485390	99.952	ug/l	99
56) Ethyl methacrylate	9.17	69	826282	111.595	ug/l	99
57) 1,3-Dichloropropane	9.37	76	825982	101.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1338780	530.703	ug/l	99
59) 2-Hexanone	9.49	43	3093086	573.394	ug/l	98
60) Dibromochloromethane	9.58	129	529798	108.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	517089	100.669	ug/l	99
64) Tetrachloroethene	9.33	164	585085	93.004	ug/l	97
65) Chlorobenzene	10.14	112	1303705	95.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	489352	100.802	ug/l	99
67) Ethyl Benzene	10.25	91	2310990	99.490	ug/l	99
68) m/p-Xylenes	10.36	106	1776981	198.396	ug/l	100
69) o-Xylene	10.70	106	864597	101.251	ug/l	98
70) Styrene	10.71	104	1513047	102.650	ug/l	100
71) Bromoform	10.86	173	425870	107.829	ug/l #	99
73) Isopropylbenzene	11.01	105	2278354	99.548	ug/l	100
74) N-amyl acetate	10.89	43	1101305	109.324	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	773160	104.713	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	753751m	108.490	ug/l	
77) Bromobenzene	11.25	156	601027	95.046	ug/l	99
78) n-propylbenzene	11.35	91	2619372	99.809	ug/l	99
79) 2-Chlorotoluene	11.42	91	1546621	98.838	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1936844	101.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	288115	113.361	ug/l	97
82) 4-Chlorotoluene	11.51	91	1803660	98.288	ug/l	100
83) tert-Butylbenzene	11.76	119	1827538	102.102	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1953250	101.634	ug/l	99
85) sec-Butylbenzene	11.94	105	2223674	99.678	ug/l	99
86) p-Isopropyltoluene	12.06	119	2079468	100.640	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1078569	95.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1076766	92.809	ug/l	99
89) n-Butylbenzene	12.39	91	1874050	99.606	ug/l	99
90) Hexachloroethane	12.59	117	385249	106.329	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	1062816	95.382	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	175313	106.751	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

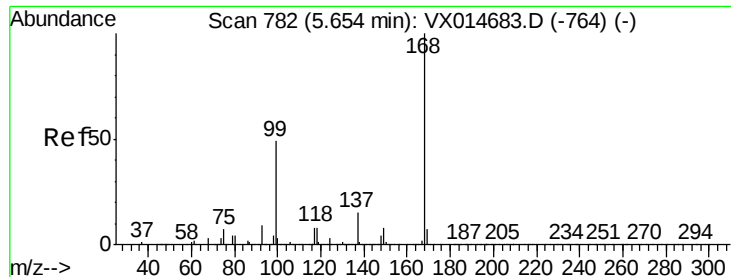
Manual Integrations
APPROVED

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Quant Time: Jan 22 12:12:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 11:47:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	758620	90.320	ug/l	98
94) Hexachlorobutadiene	13.78	225	357387	90.422	ug/l	99
95) Naphthalene	13.83	128	2314547	96.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	740027	89.778	ug/l	96

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



#1

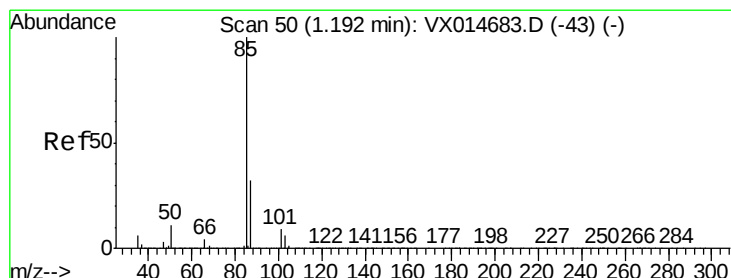
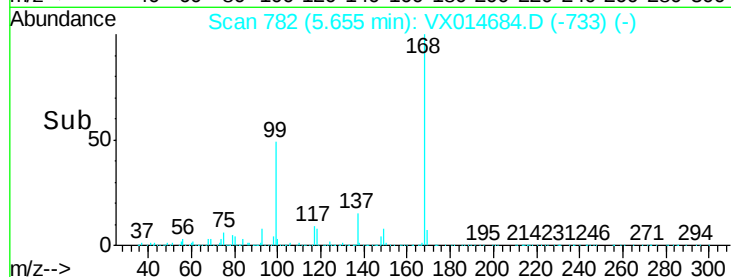
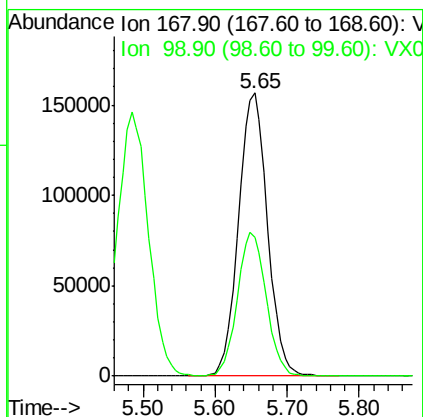
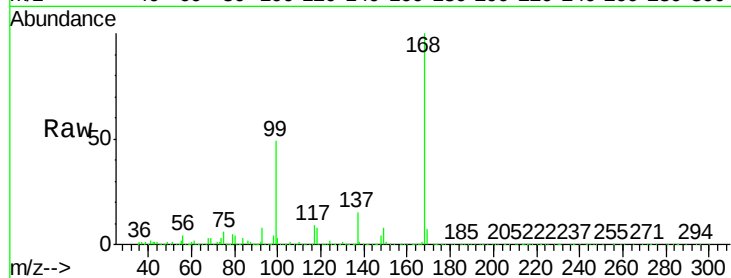
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.8	59.6

Manual Integrations
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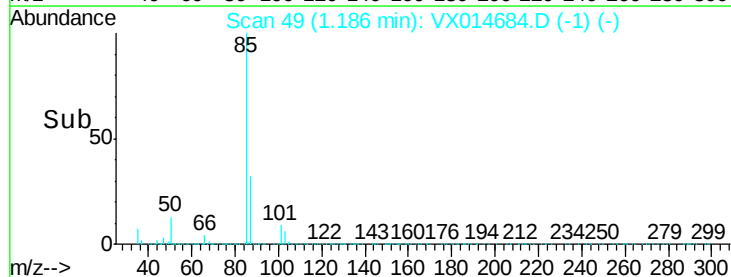
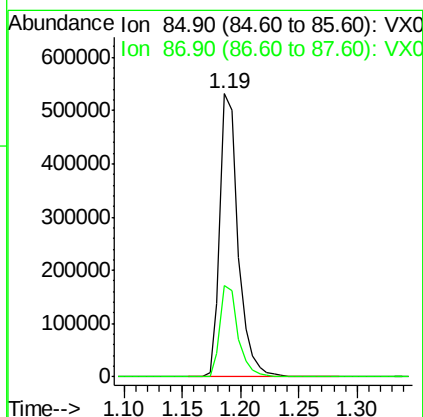
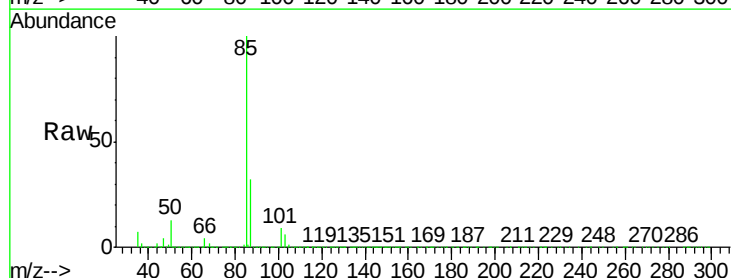
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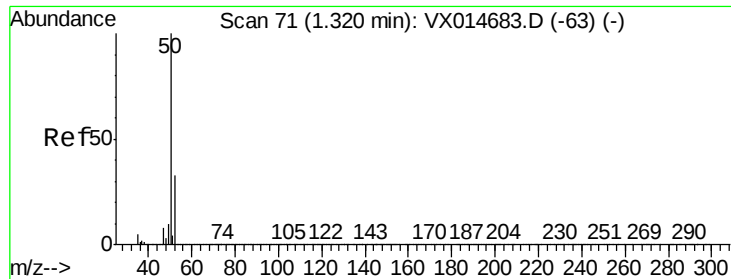


#2

Dichlorodifluoromethane
Concen: 116.991 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5





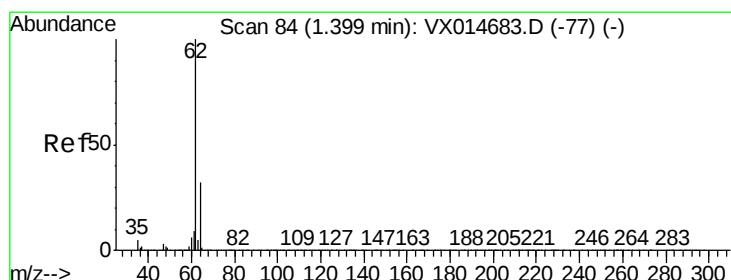
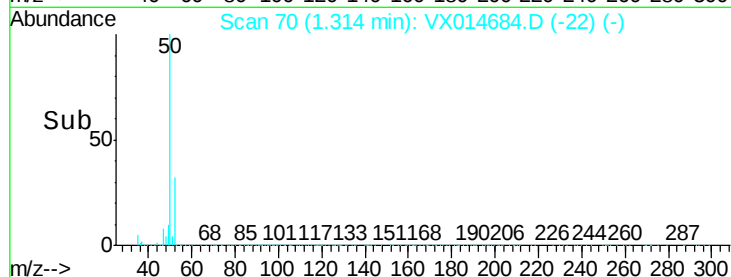
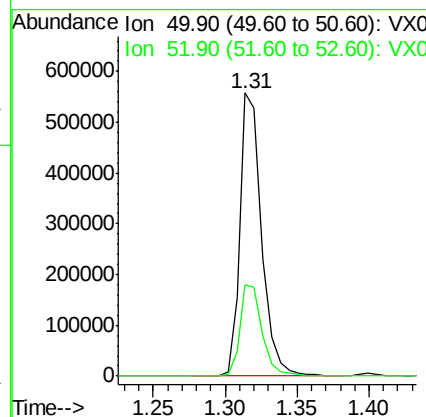
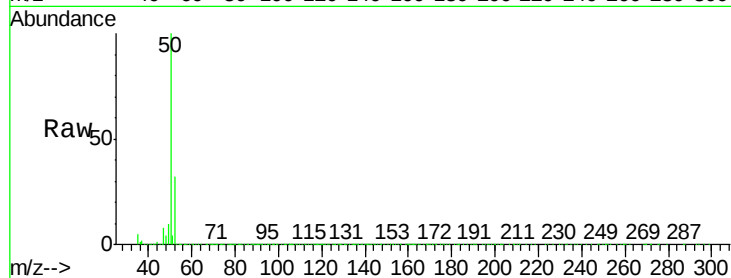
#3
Chloromethane
Concen: 104.627 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.2	39.2

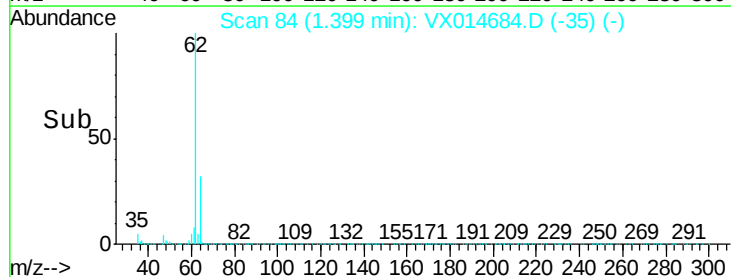
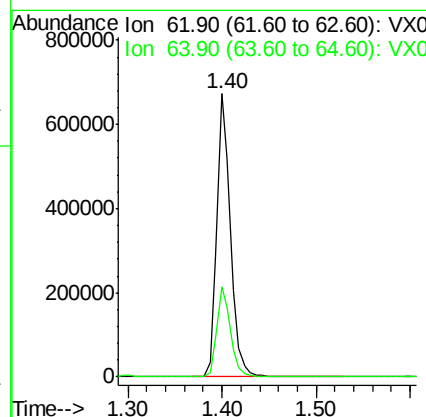
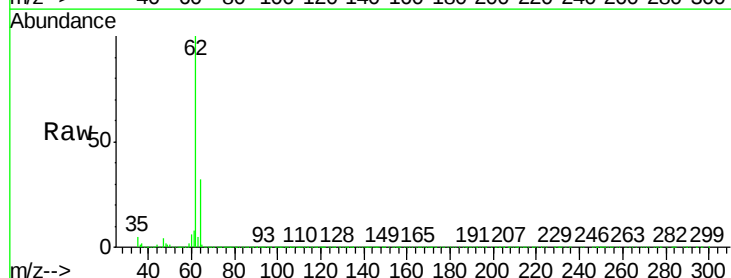
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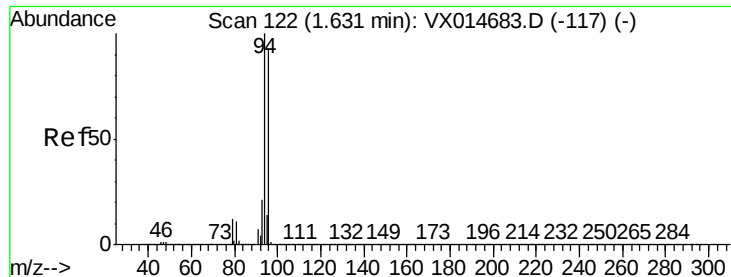
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#4
Vinyl Chloride
Concen: 107.699 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.4	38.2





#5

Bromomethane

Concen: 105.658 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 442766

Ion Ratio Lower Upper

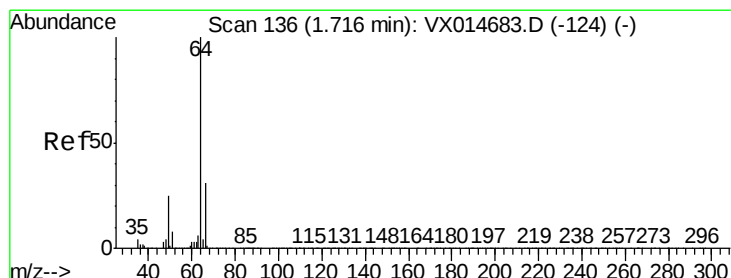
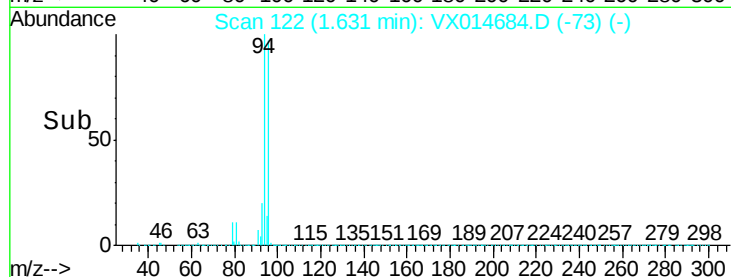
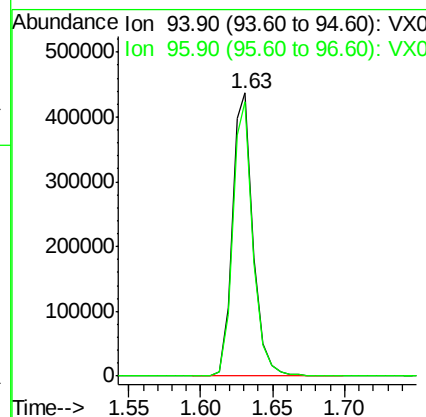
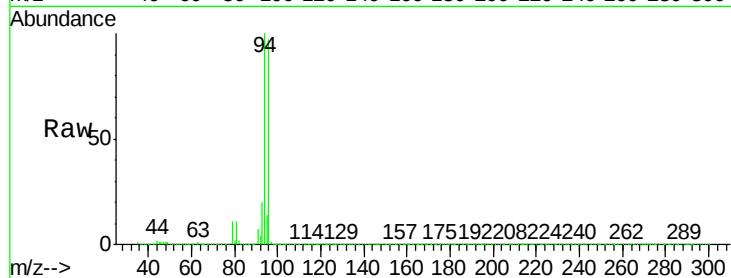
94 100

96 96.9 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 94.937 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX014684.D

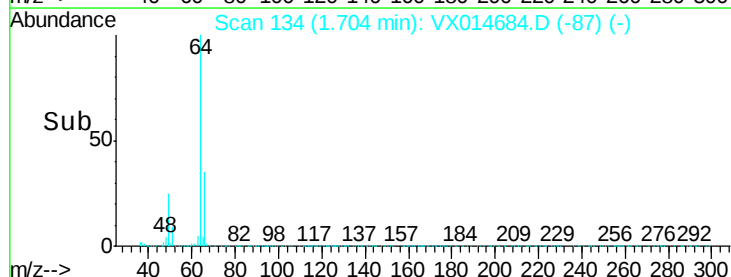
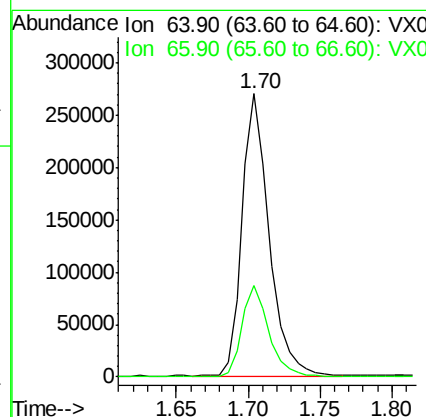
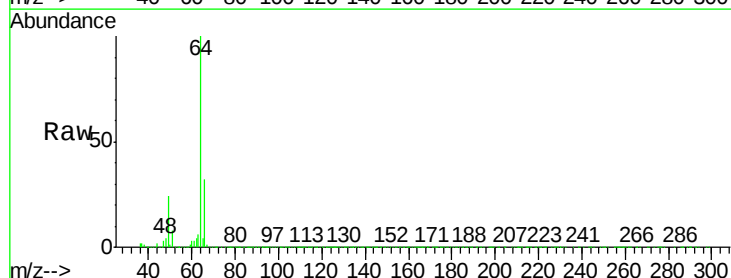
Acq: 22 Jan 2020 11:50

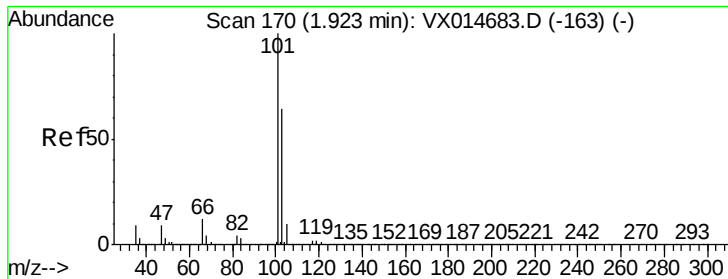
Tgt Ion: 64 Resp: 352107

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8





#7

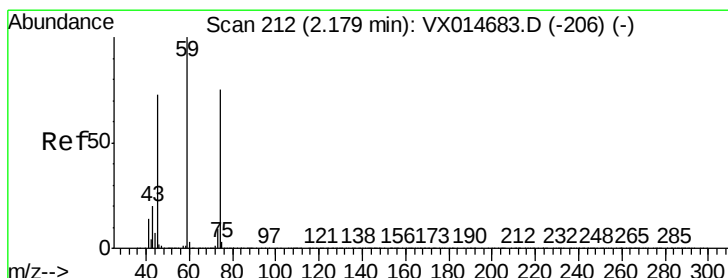
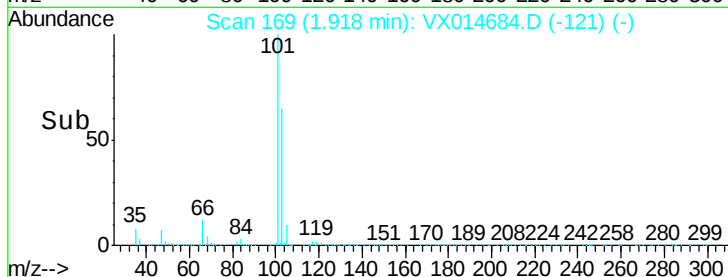
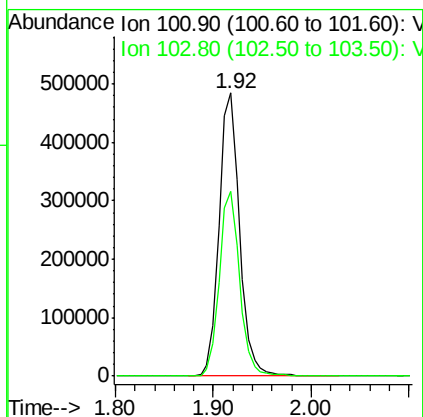
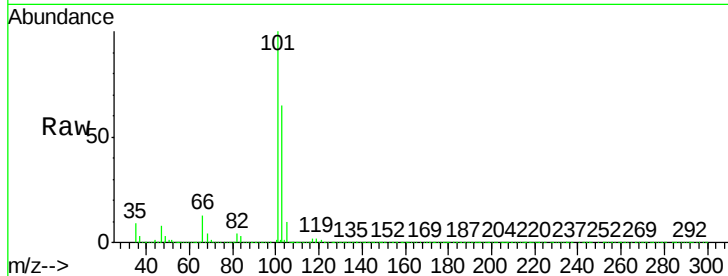
Trichlorofluoromethane
Concen: 99.504 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.0	76.6

Manual Integrations
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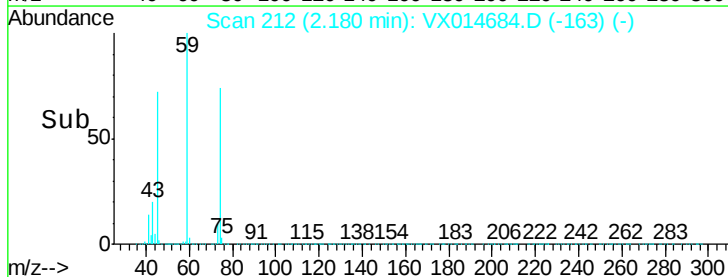
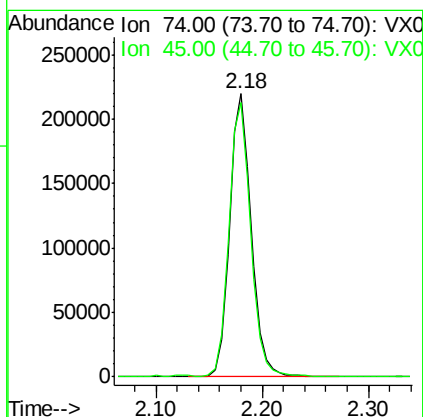
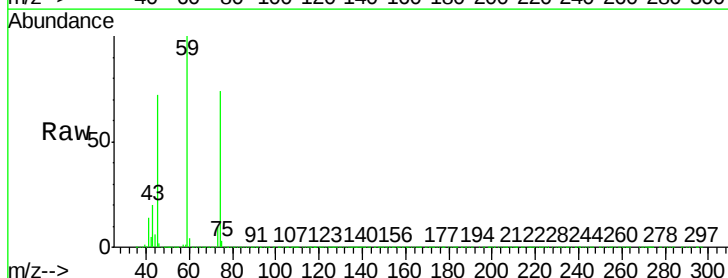
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1/24/2020 1:39:12 PM

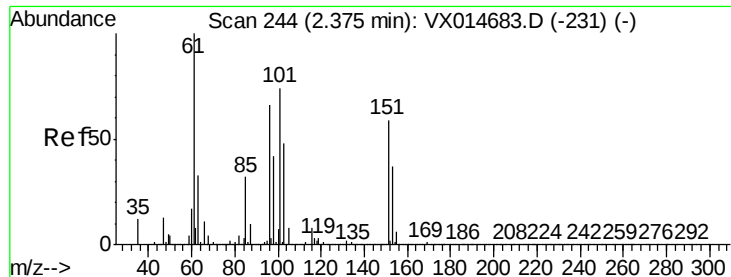


#8

Diethyl Ether
Concen: 96.601 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.197 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

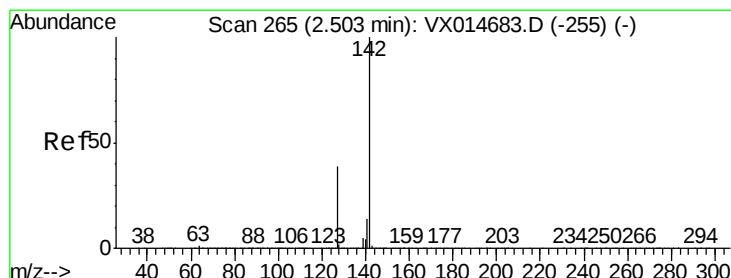
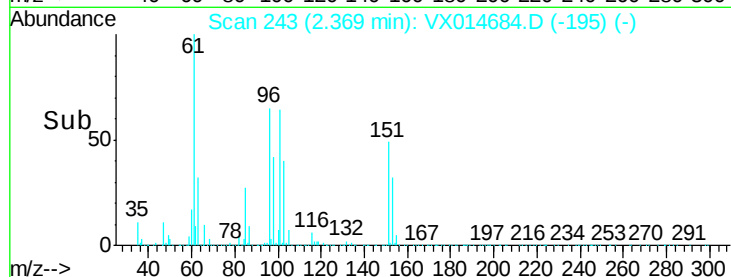
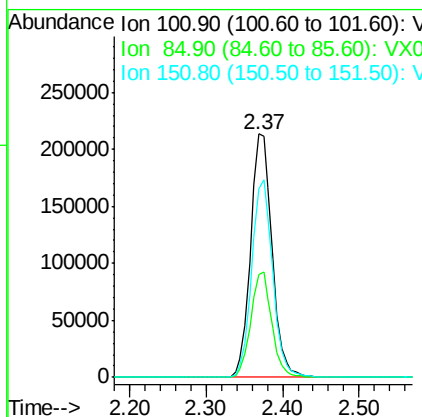
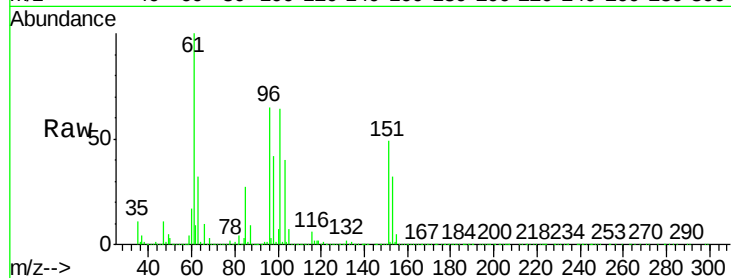
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	417141
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.7	52.1
151	79.7	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 114.650 ug/l

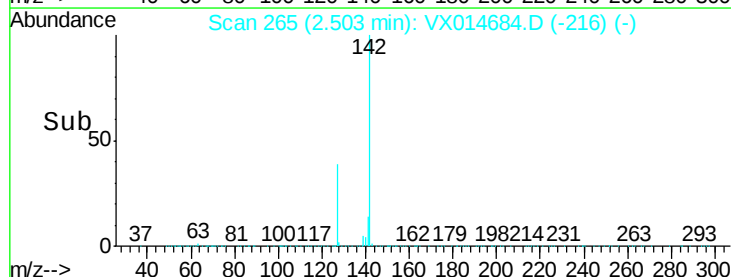
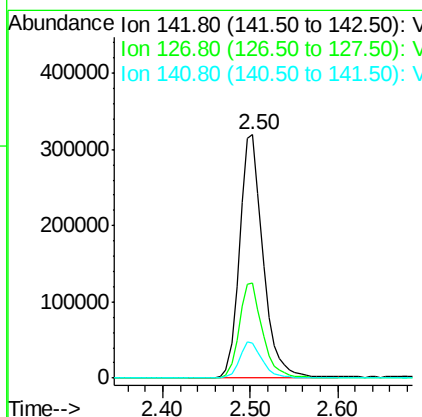
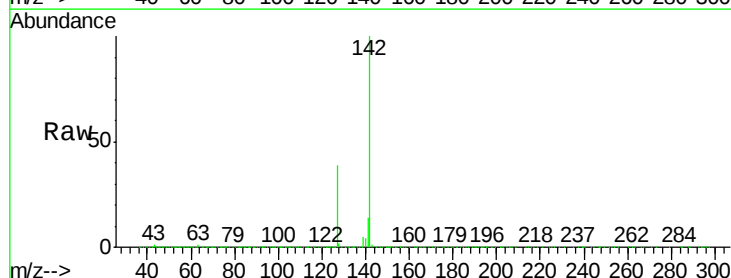
RT: 2.50 min Scan# 265

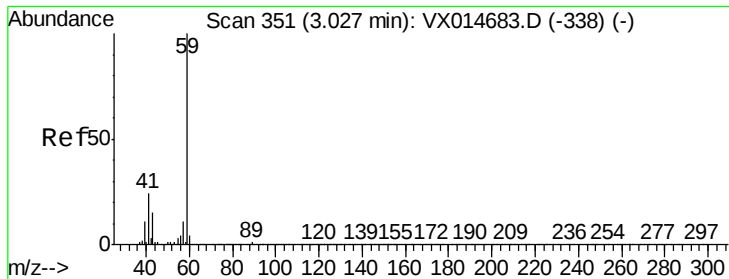
Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:	142	Resp:	598473
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.1	46.7
141	14.4	11.3	16.9





#11

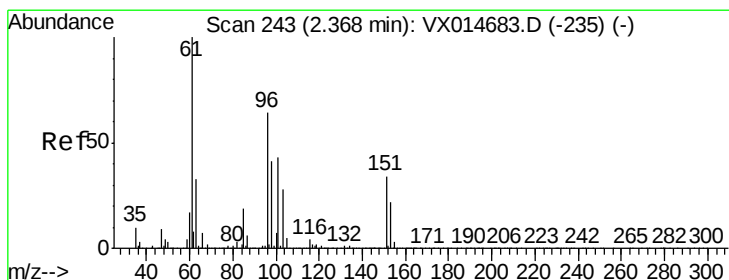
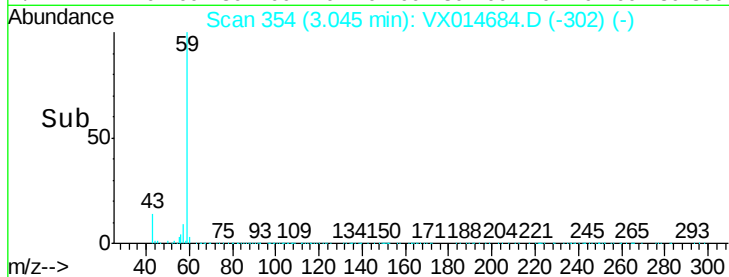
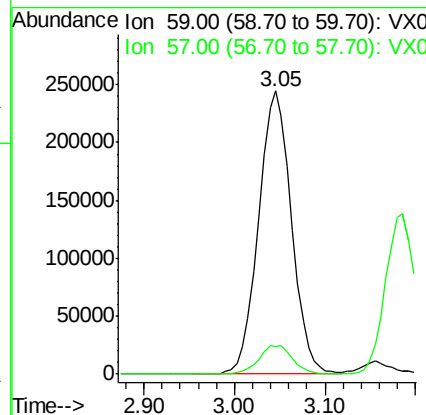
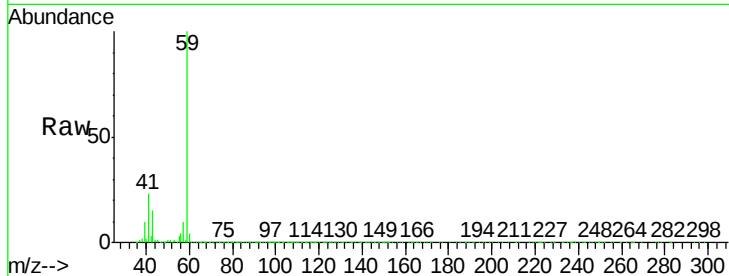
Tert butyl alcohol
Concen: 609.180 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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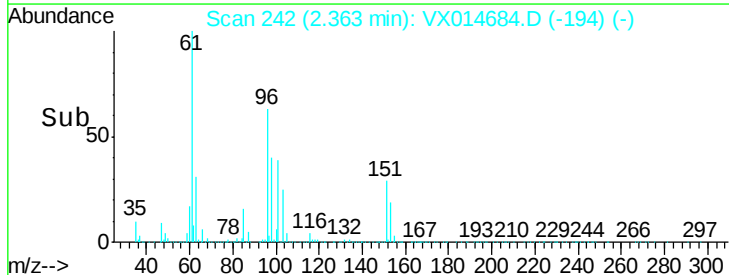
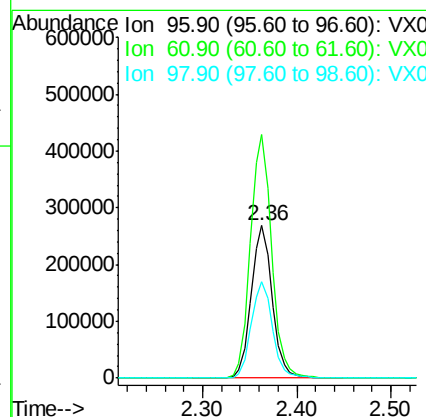
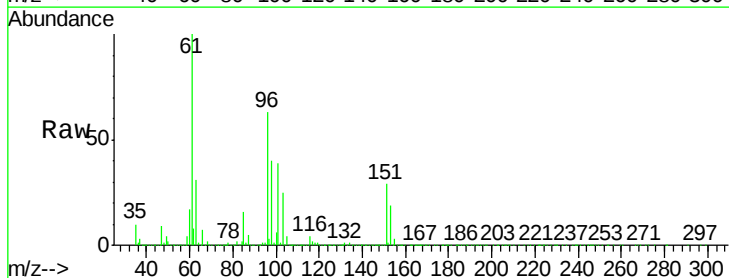
MMDadoda
1/24/2020 1:39:12 PM

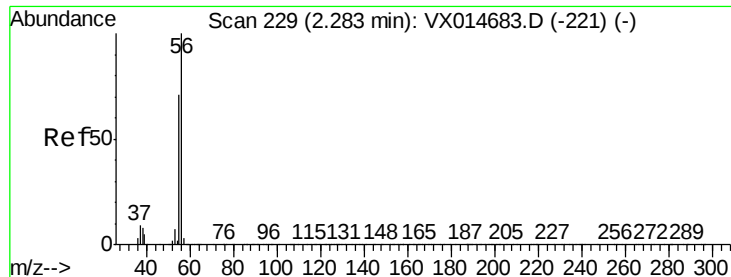


#12

1,1-Dichloroethene
Concen: 97.209 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	125.8	188.8
98	63.6	51.5	77.3





#13

Acrolein

Concen: 542.582 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 446918

Ion Ratio Lower Upper

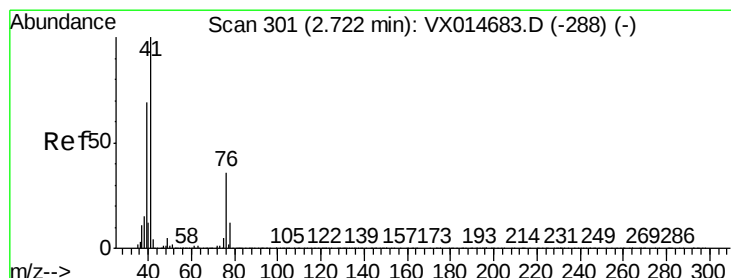
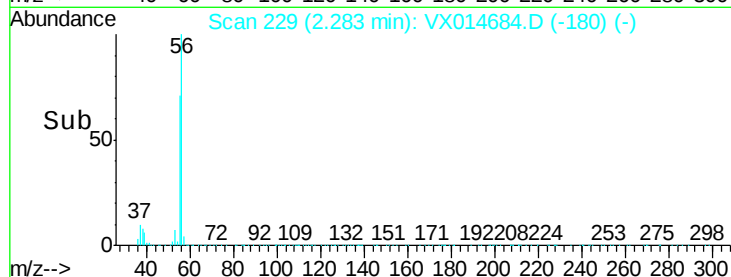
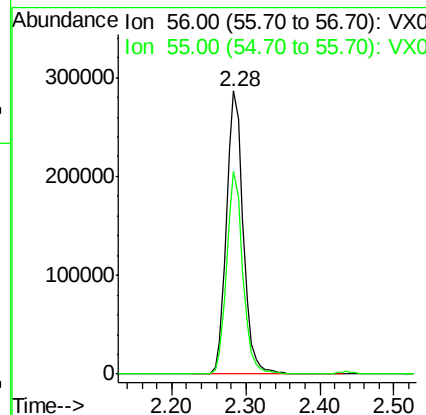
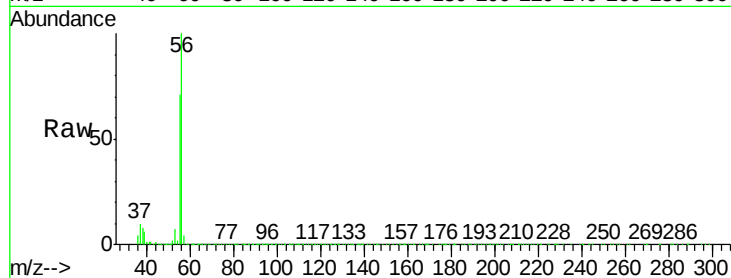
56 100

55 68.9 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 105.805 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

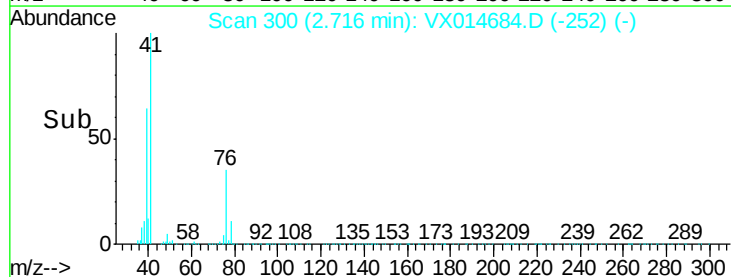
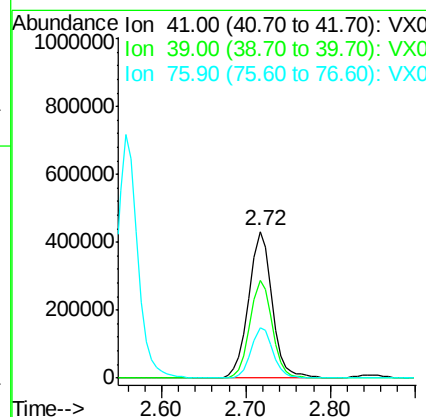
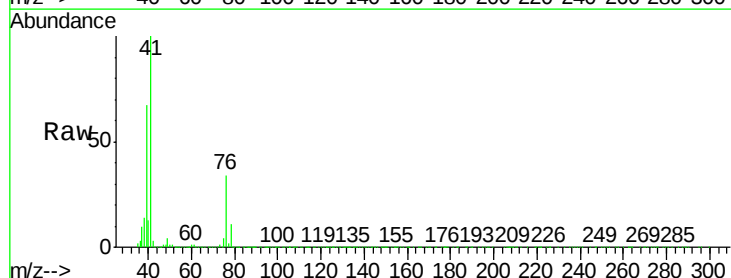
Tgt Ion: 41 Resp: 807021

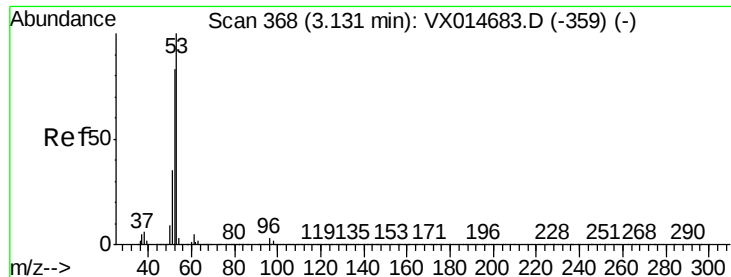
Ion Ratio Lower Upper

41 100

39 63.8 52.0 78.0

76 32.0 26.0 39.0





#15

Acrylonitrile

Concen: 549.268 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 53 Resp: 1360253

Ion Ratio Lower Upper

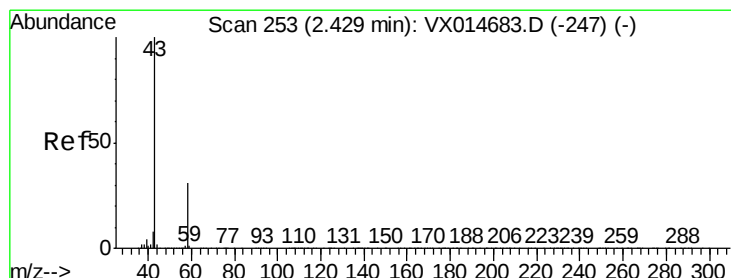
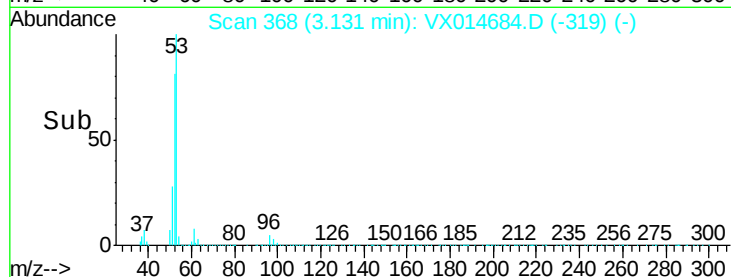
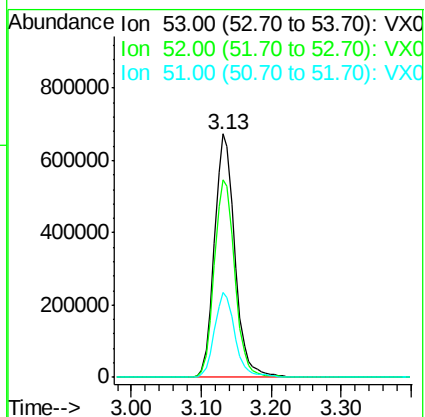
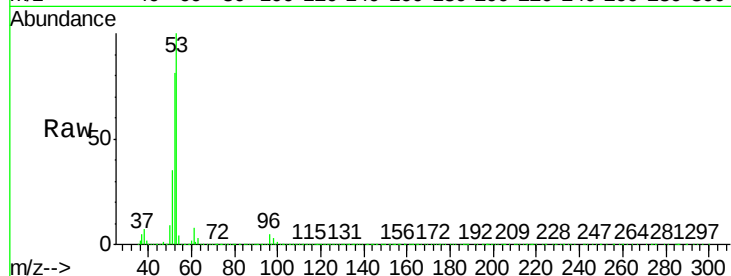
53 100

52 82.0 66.4 99.6

51 35.2 28.7 43.1

Manual Integrations
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#16

Acetone

Concen: 499.736 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014684.D

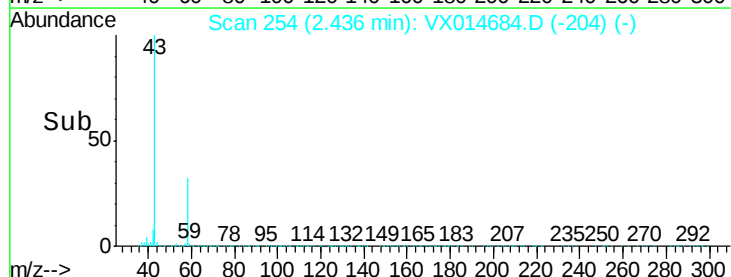
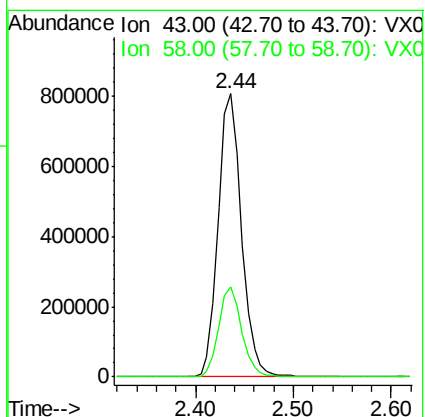
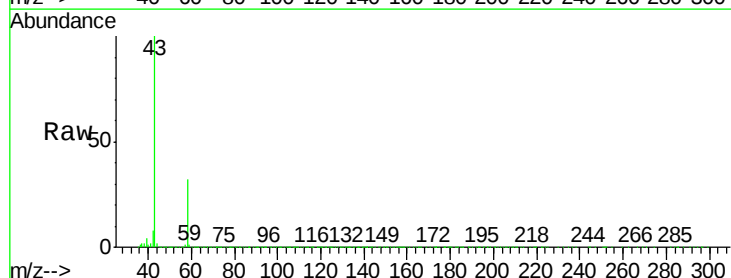
Acq: 22 Jan 2020 11:50

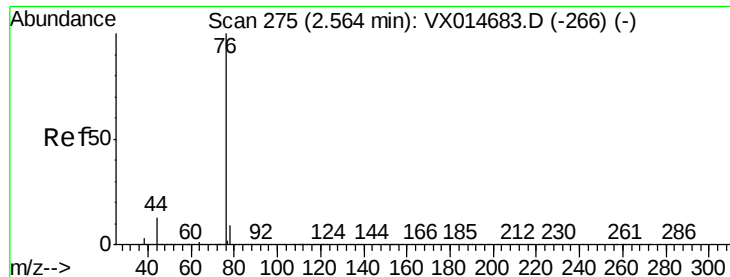
Tgt Ion: 43 Resp: 1335708

Ion Ratio Lower Upper

43 100

58 31.9 24.5 36.7





#17

Carbon Disulfide

Concen: 99.008 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 1194473

Ion Ratio Lower Upper

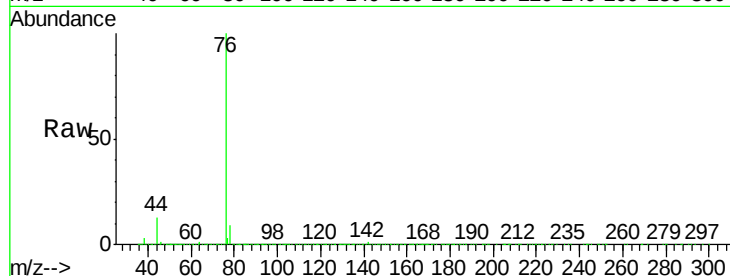
76 100

78 9.0 7.2 10.8

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800000

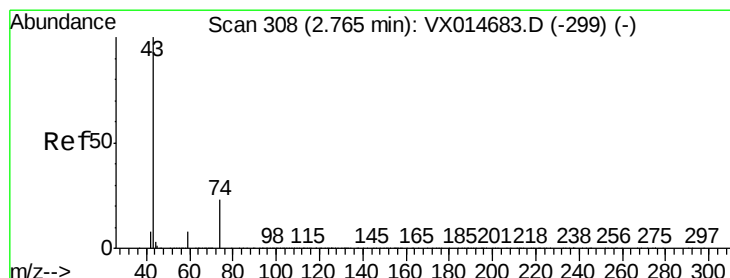
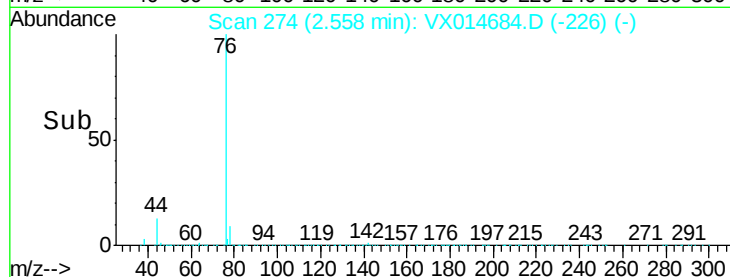
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 115.031 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014684.D

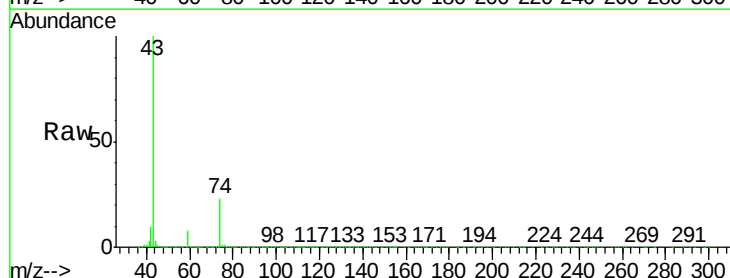
Acq: 22 Jan 2020 11:50

Tgt Ion: 43 Resp: 814531

Ion Ratio Lower Upper

43 100

74 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

500000

400000

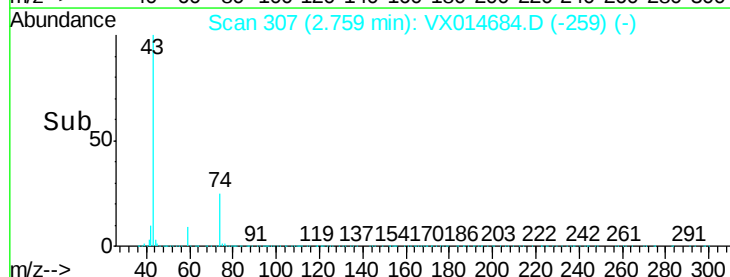
300000

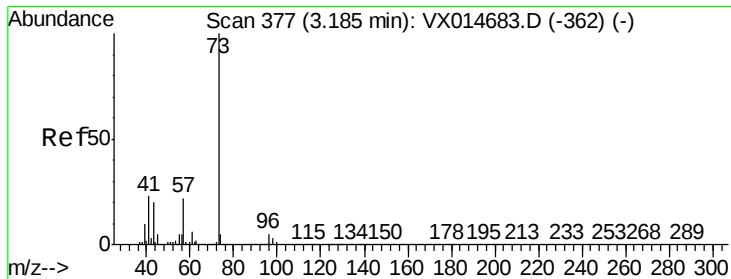
200000

100000

0

Time-->





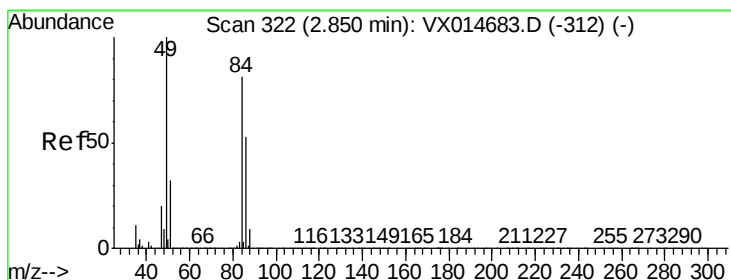
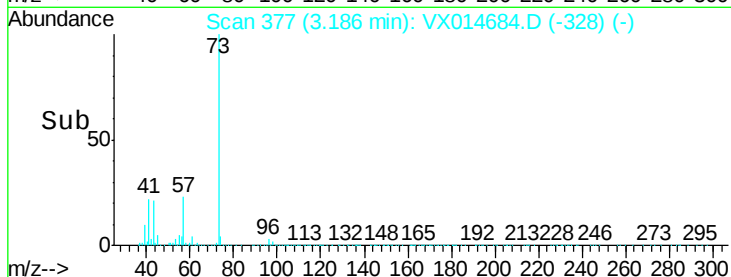
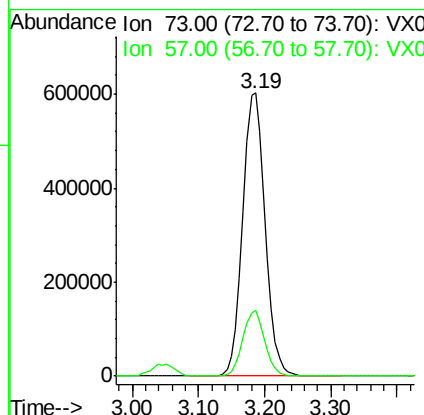
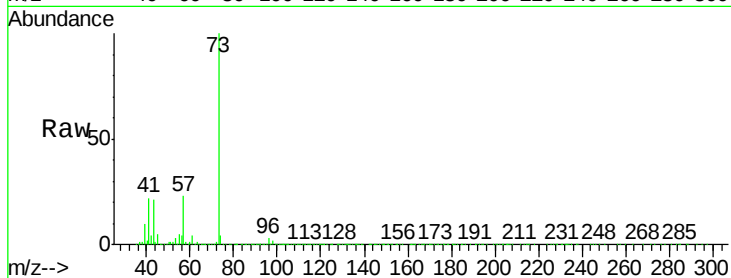
#19
Methvl tert-butvl Ether
Concen: 102.218 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1417494
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0

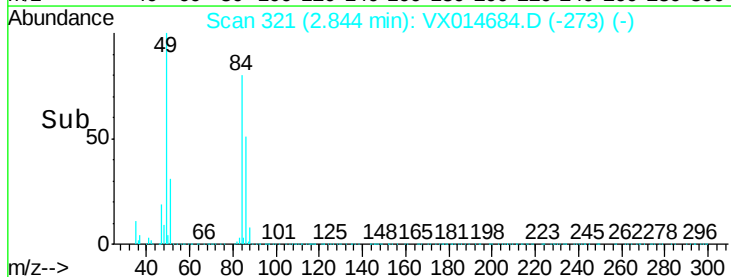
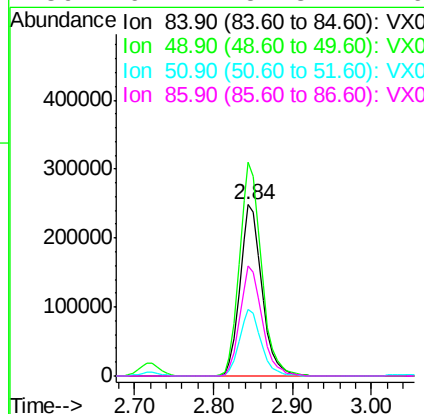
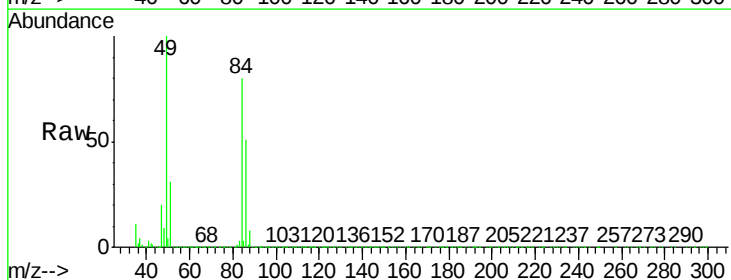
Manual Integrations
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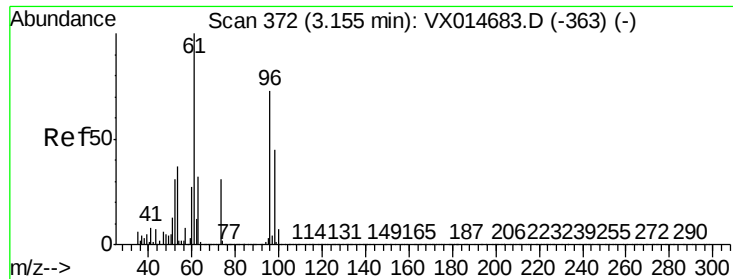
MMDadoda
1/24/2020 1:39:12 PM



#20
Methylene Chloride
Concen: 97.299 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion: 84 Resp: 479318
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.4
51 38.7 31.3 46.9
86 64.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 96.317 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 454528

Ion Ratio Lower Upper

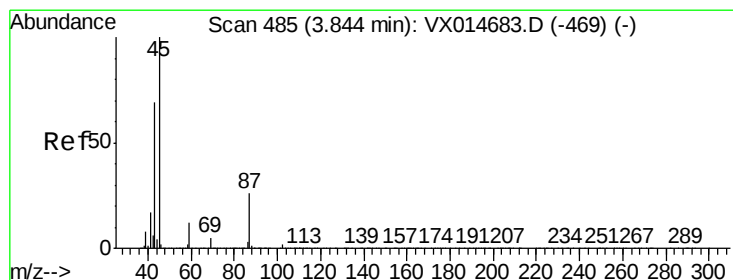
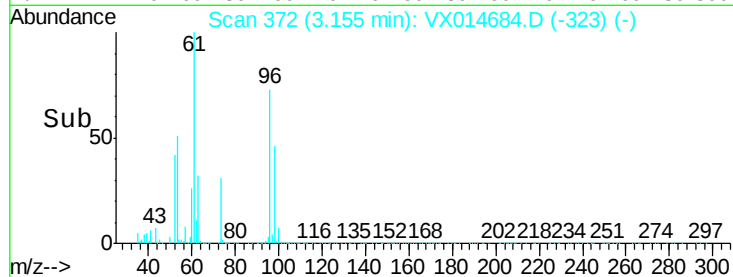
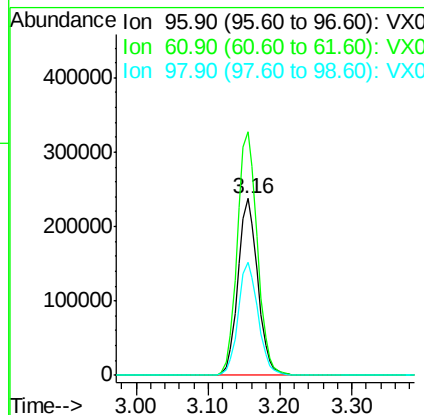
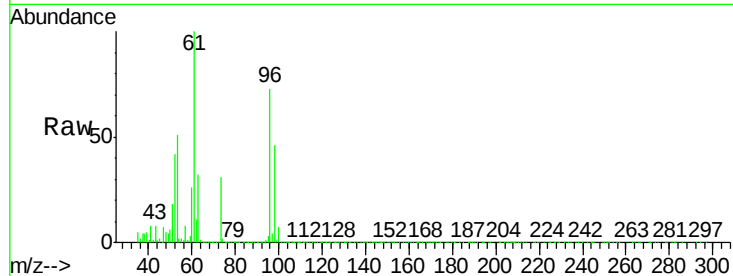
96 100

61 137.6 109.8 164.6

98 63.7 49.6 74.4

Manual Integrations
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1/24/2020 1:39:12 PM



#22

Diisopropyl ether

Concen: 105.087 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion: 45 Resp: 1555523

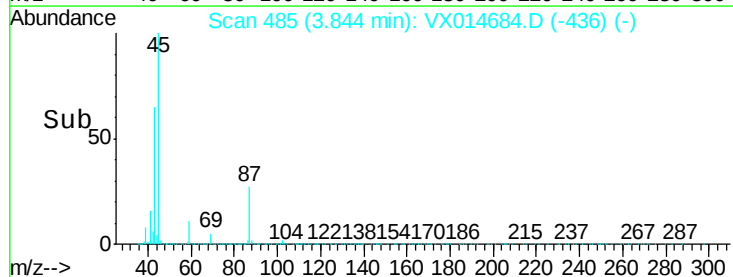
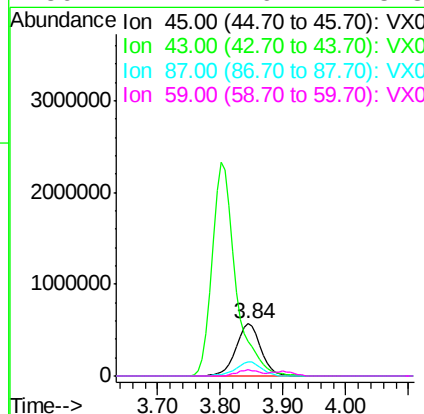
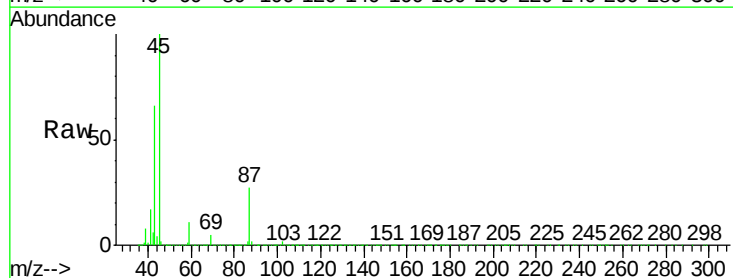
Ion Ratio Lower Upper

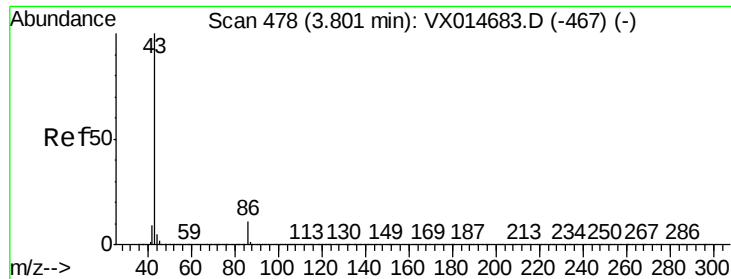
45 100

43 65.2 55.1 82.7

87 27.0 20.7 31.1

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 528.580 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 6018716

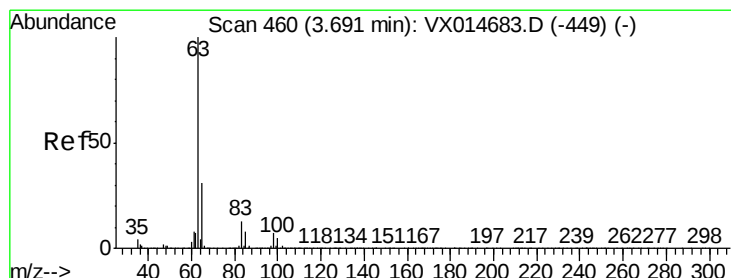
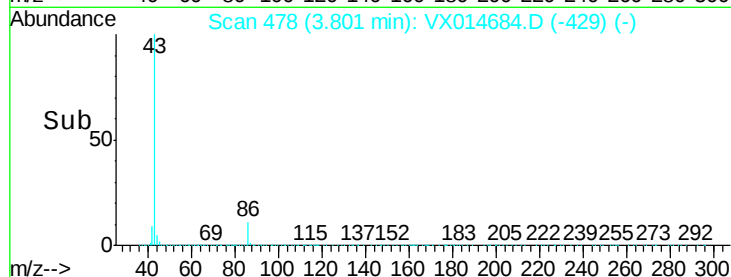
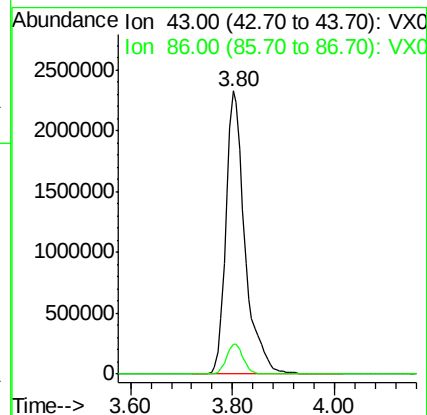
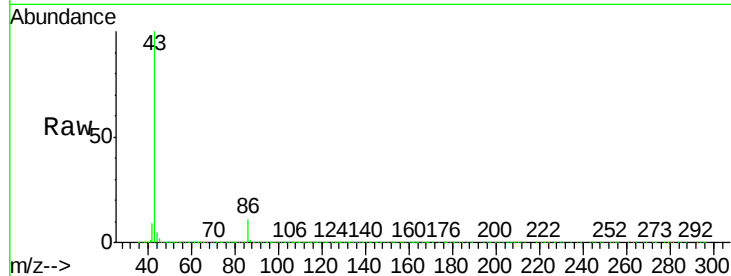
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 103.936 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

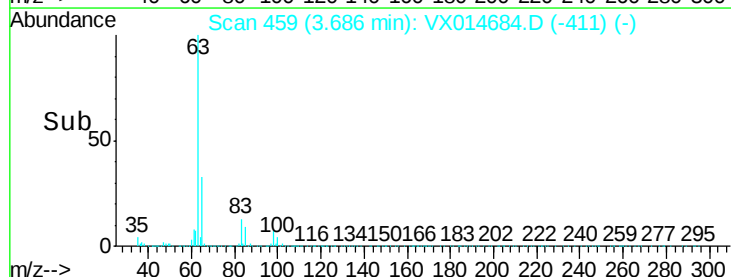
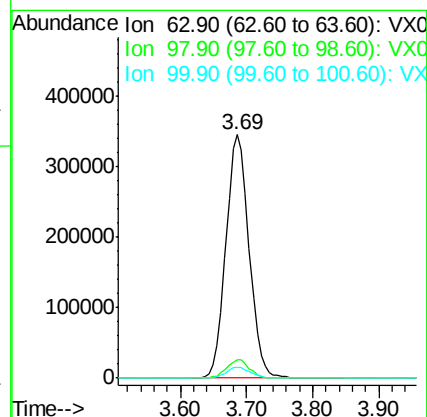
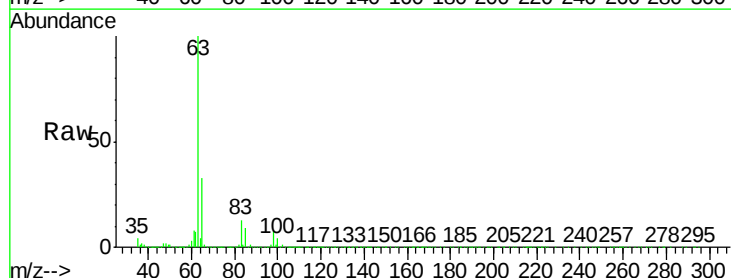
Tgt Ion: 63 Resp: 833320

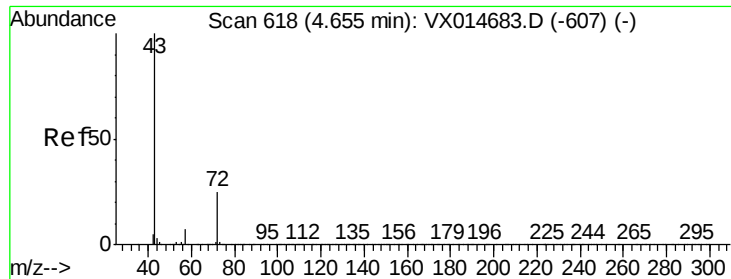
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 550.861 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2024051

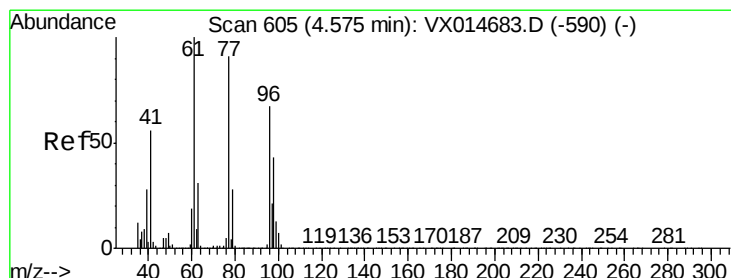
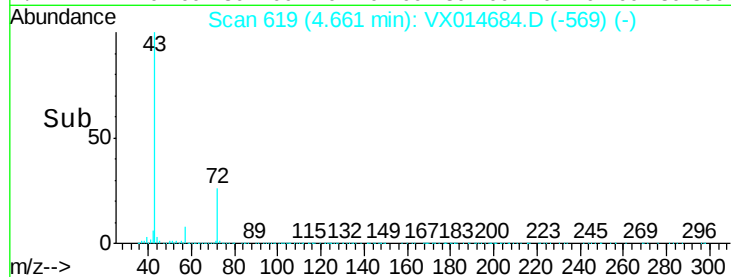
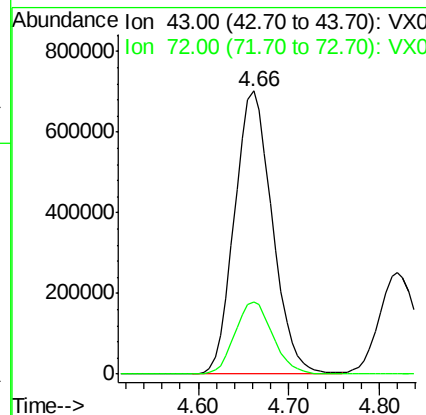
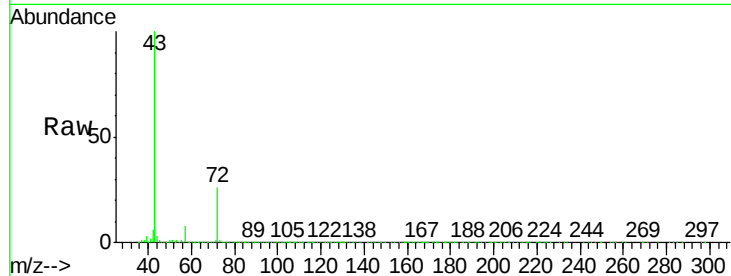
Ion Ratio Lower Upper

43 100

72 25.6 19.9 29.9

Manual Integrations
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MMDadoda
1/24/2020 1:39:12 PM



#26

2,2-Dichloropropane

Concen: 99.213 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014684.D

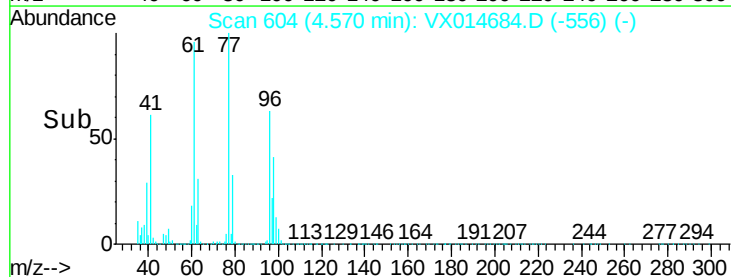
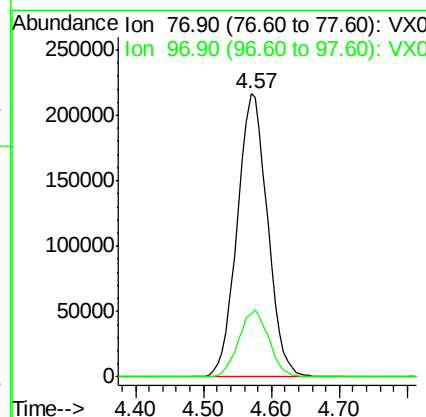
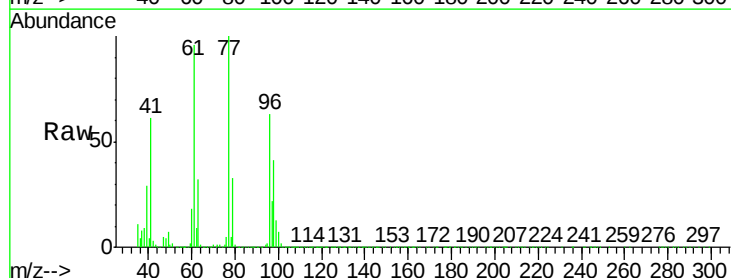
Acq: 22 Jan 2020 11:50

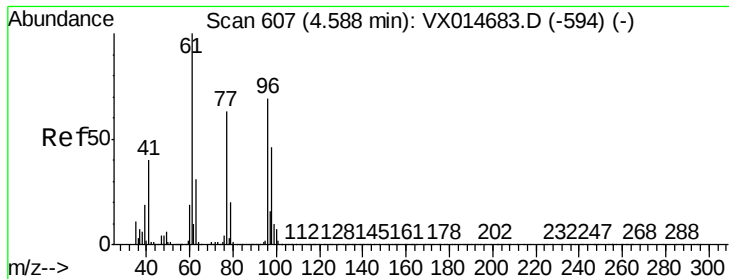
Tgt Ion: 77 Resp: 668275

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

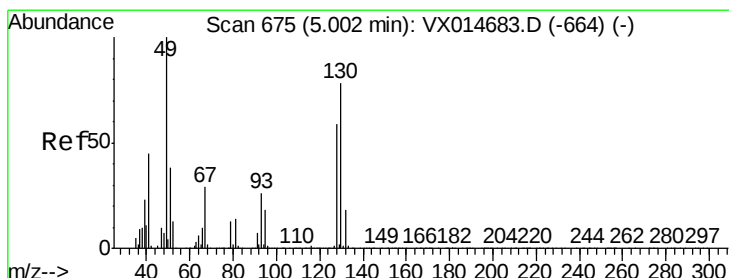
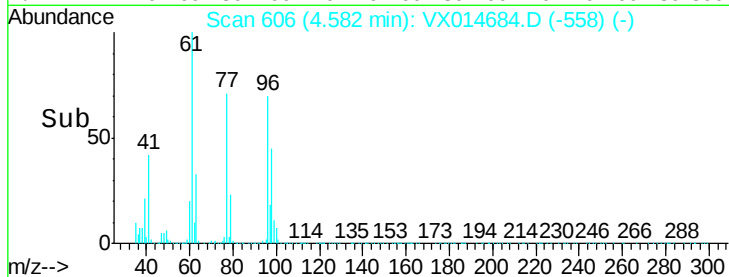
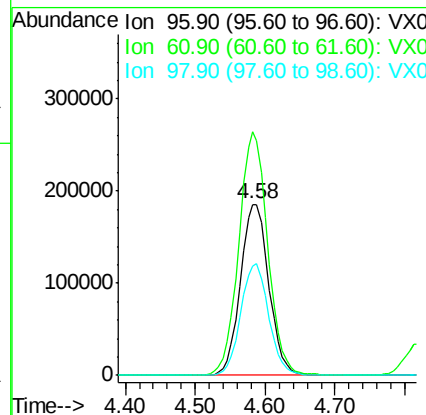
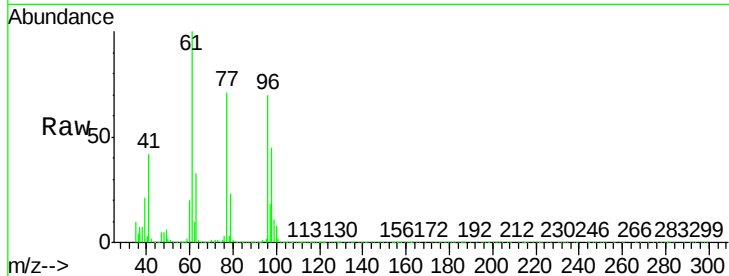
cis-1,2-Dichloroethene
Concen: 99.187 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	291.0
98	64.1	0.0	129.8

Manual Integrations
APPROVED

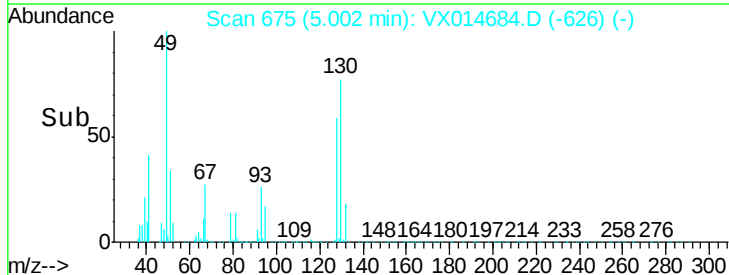
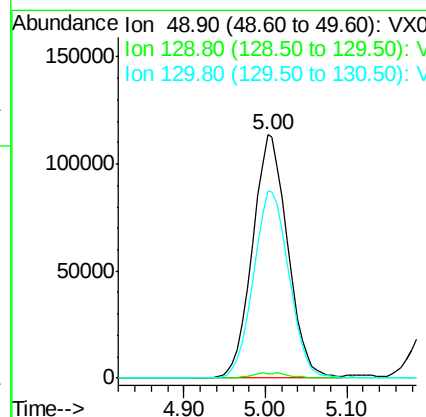
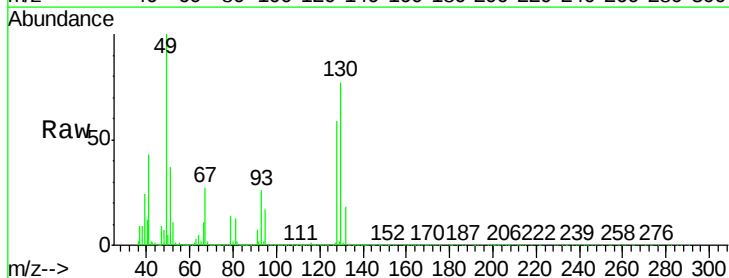
MMDadoda
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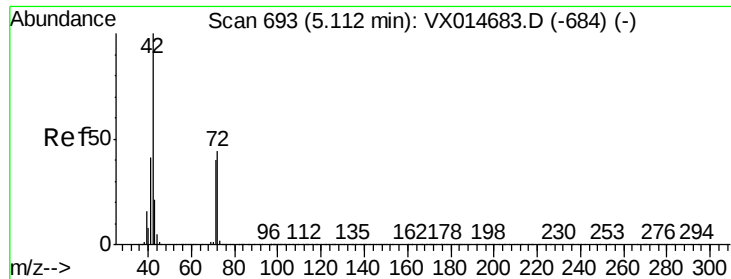


#28

Bromochloromethane
Concen: 101.105 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	77.5	62.4	93.6





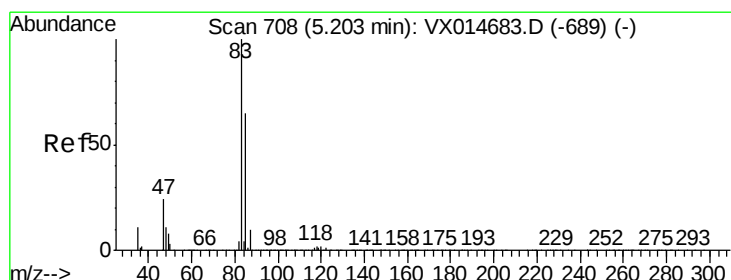
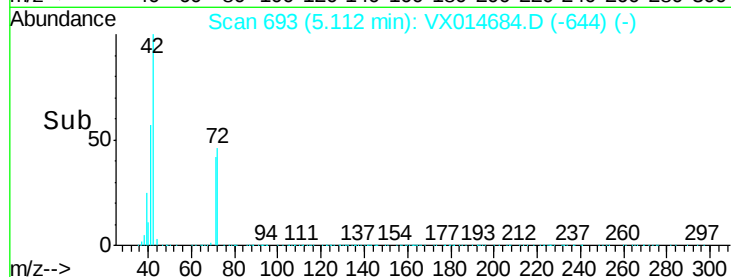
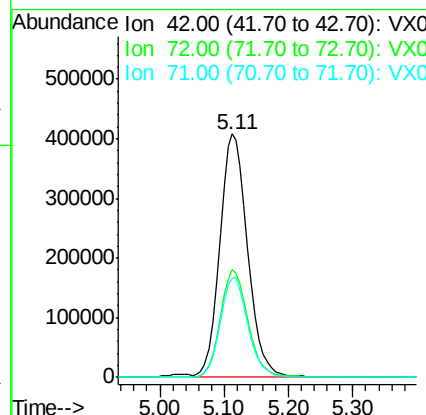
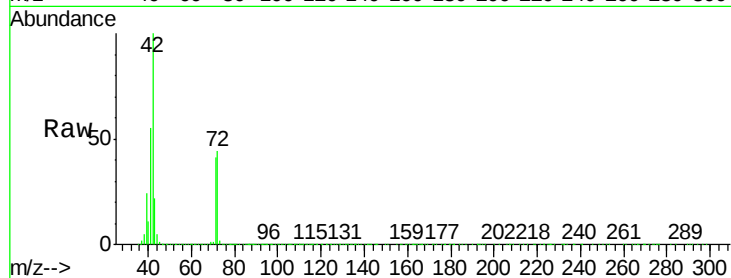
#29
Tetrahydrofuran
Concen: 570.500 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.3	52.9
71	40.8	33.1	49.7

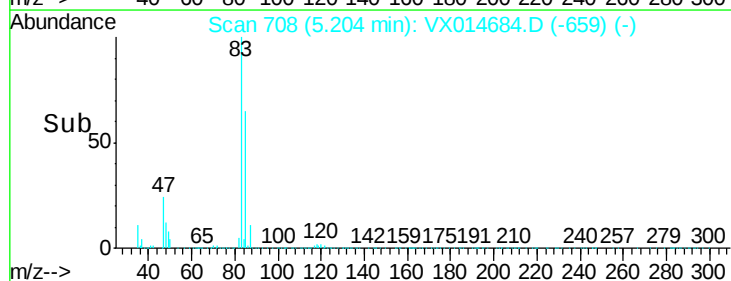
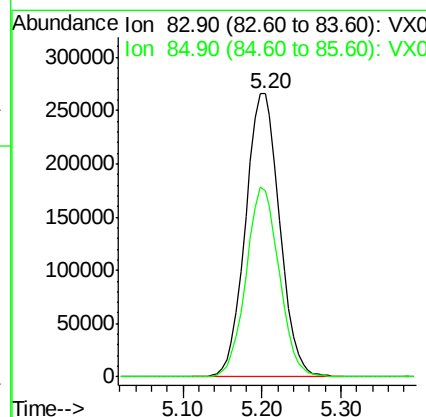
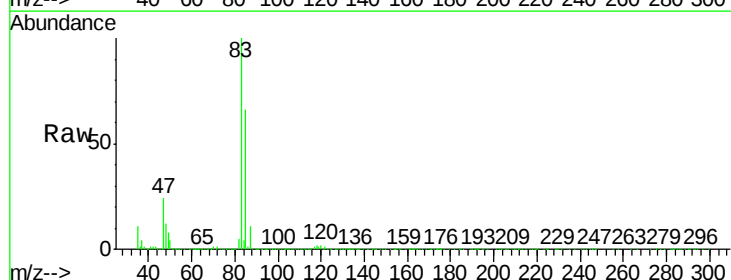
Manual Integrations
APPROVED

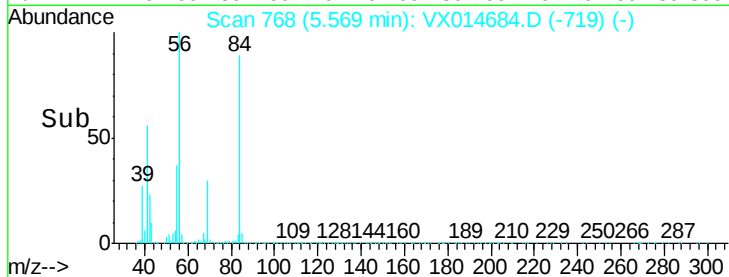
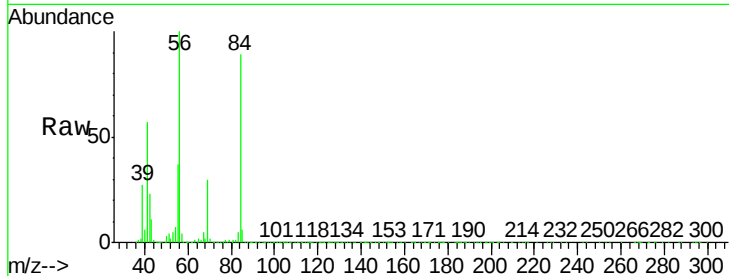
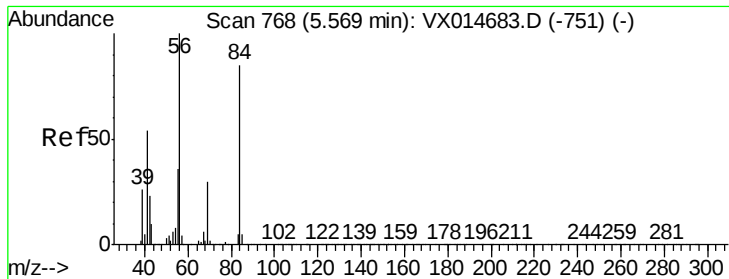
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#30
Chloroform
Concen: 102.181 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.7	77.5





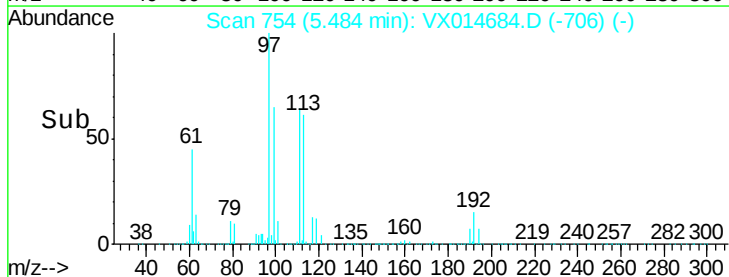
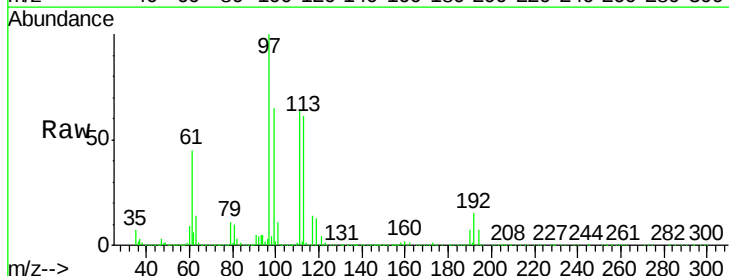
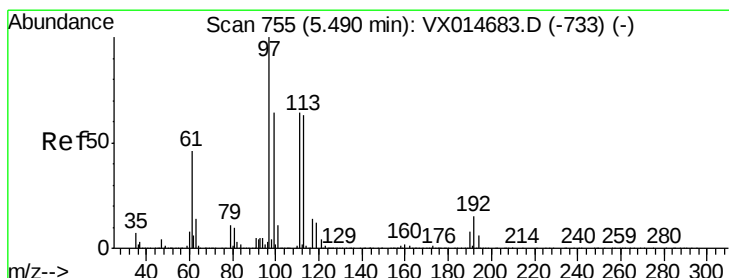
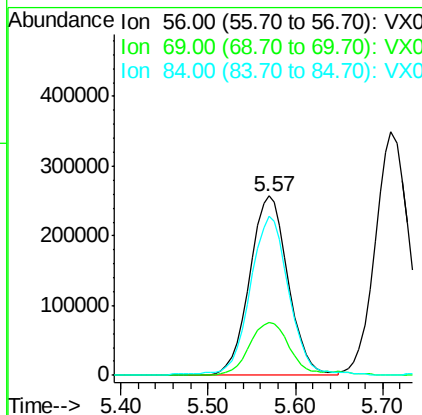
#31
Cyclohexane
Concen: 104.691 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.4	35.2
84	87.9	68.4	102.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

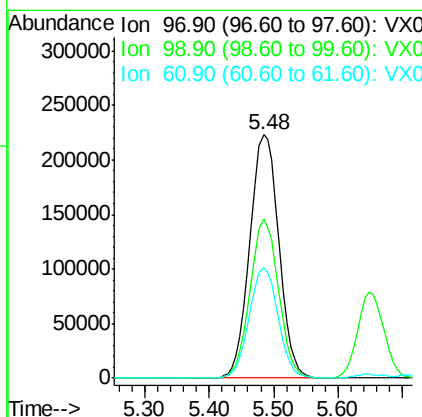
Manual Integrations
APPROVED

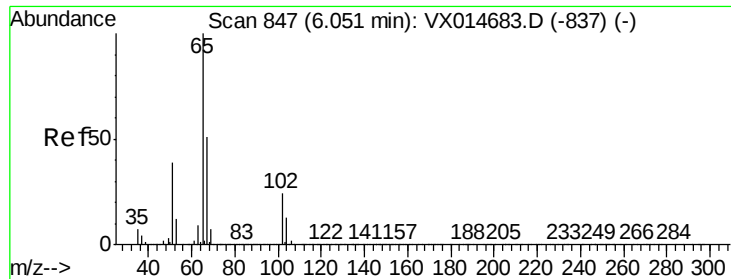
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 103.626 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.3	78.5
61	44.8	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 99.442 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 489025

Ion Ratio Lower Upper

65 100

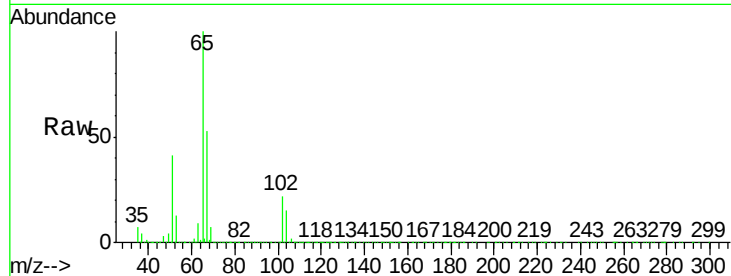
67 52.8 0.0 107.4

Manual Integrations

APPROVED

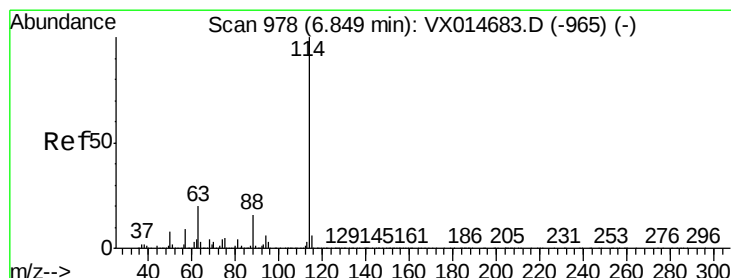
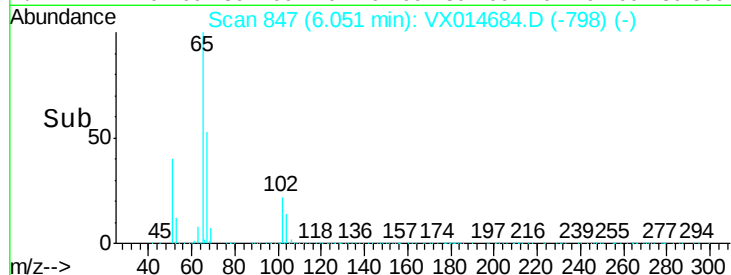
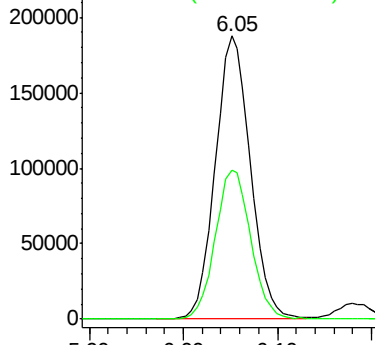
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

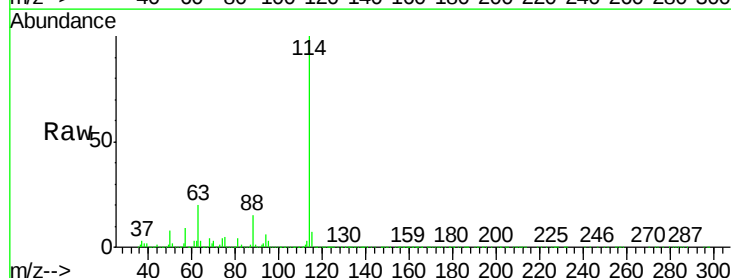
Tgt Ion: 114 Resp: 670204

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

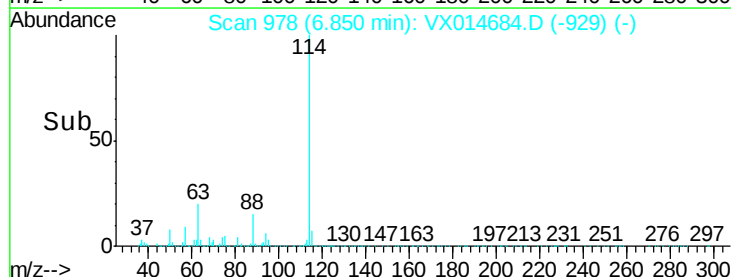
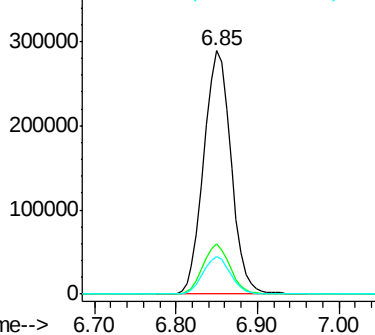
88 15.2 0.0 31.2

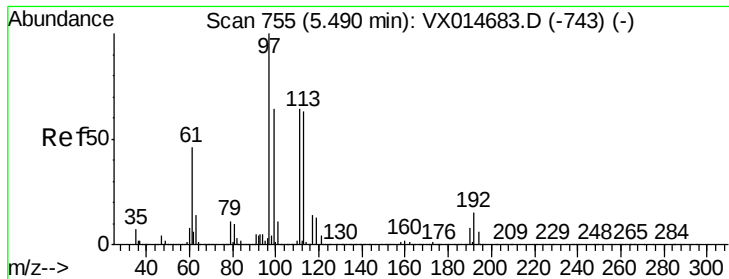


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 98.351 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

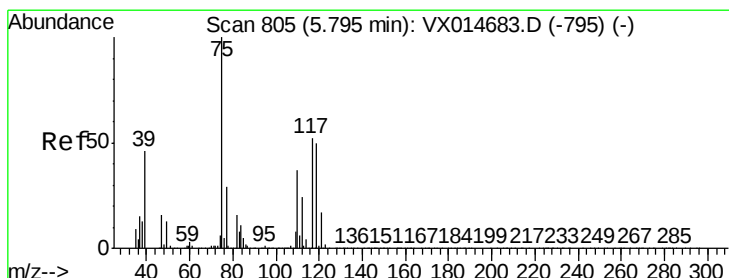
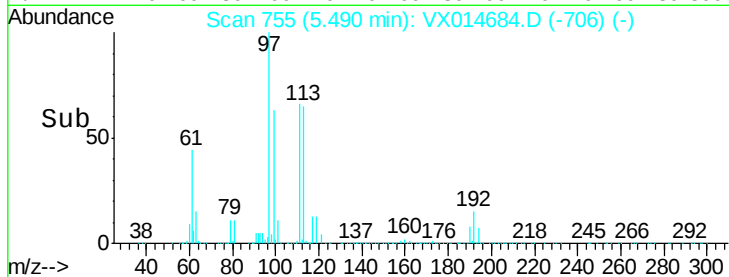
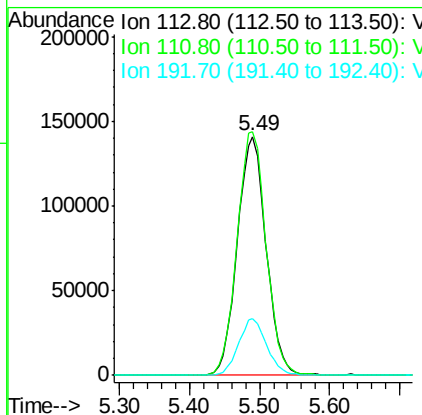
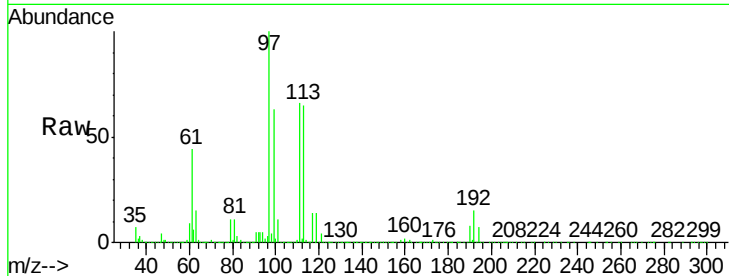
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	402995
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.7	121.1
192	23.2	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 98.789 ug/l

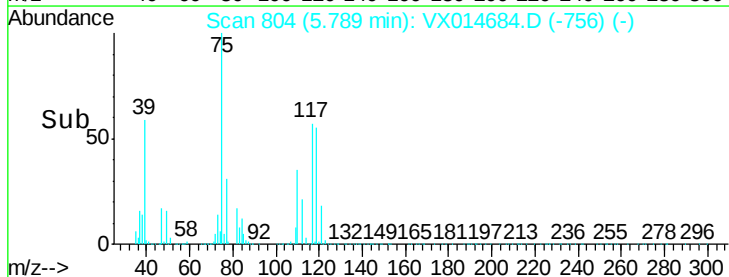
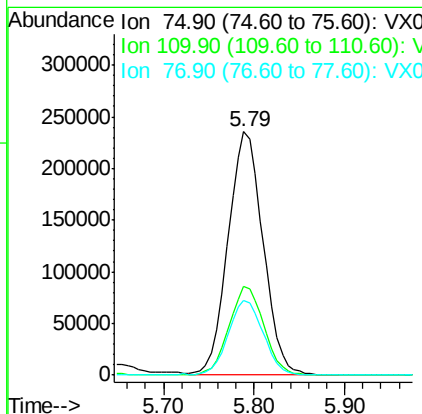
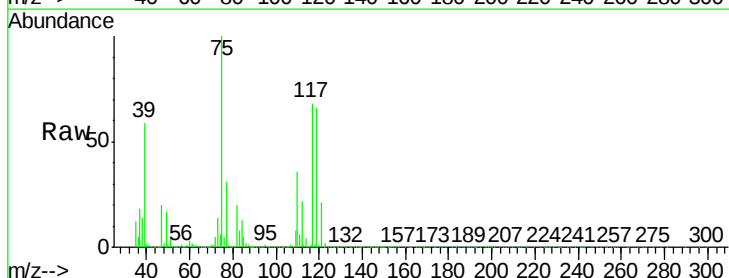
RT: 5.79 min Scan# 804

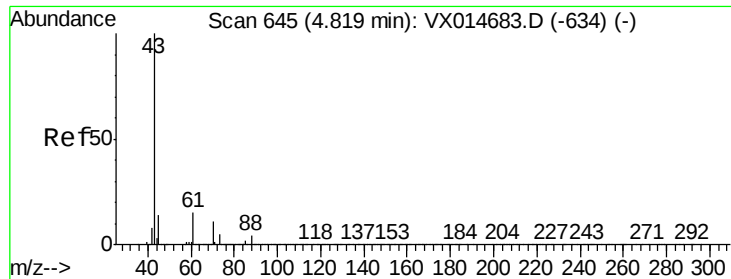
Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:	75	Resp:	628171
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.7
77	30.2	24.1	36.1





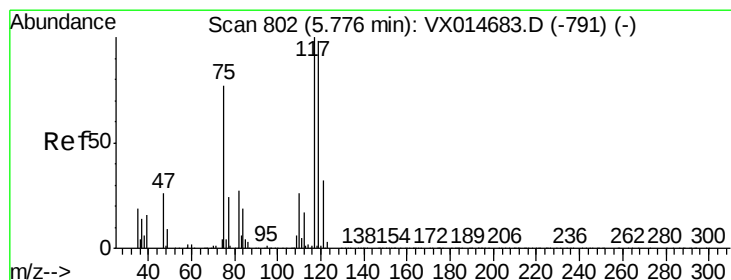
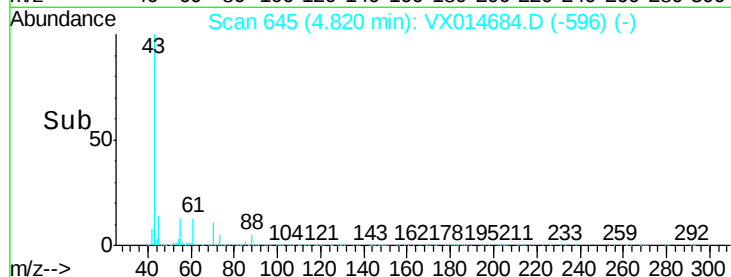
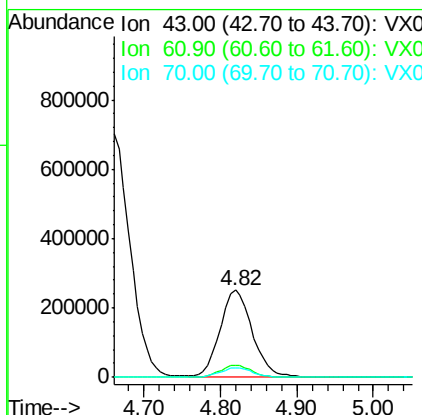
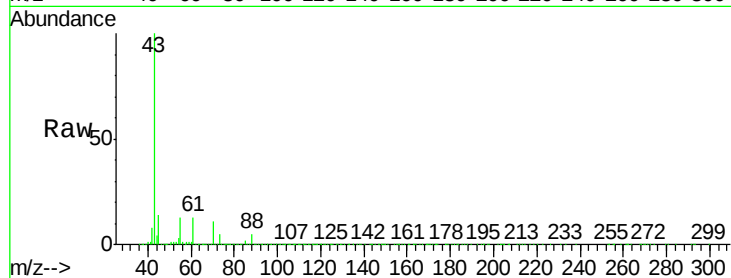
#37
Ethyl Acetate
Concen: 106.052 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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

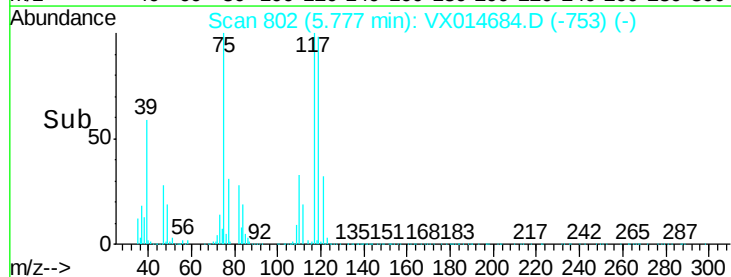
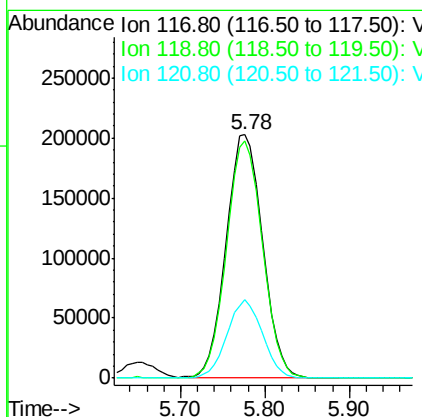
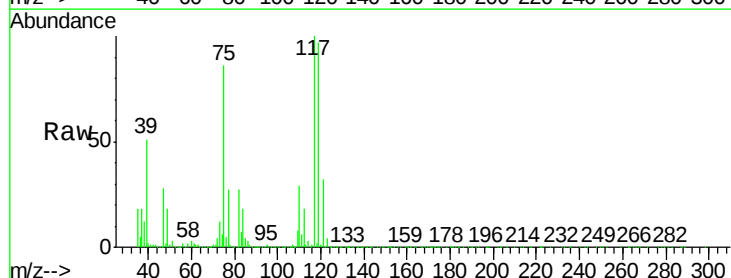
Manual Integrations
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1/24/2020 1:39:12 PM



#38
Carbon Tetrachloride
Concen: 102.151 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.9	116.9
121	32.1	25.4	38.2





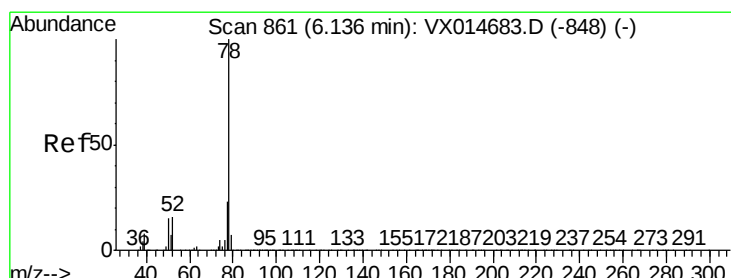
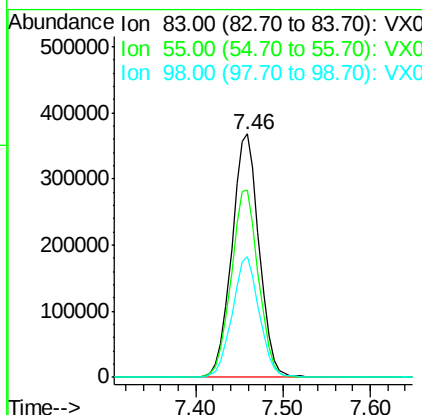
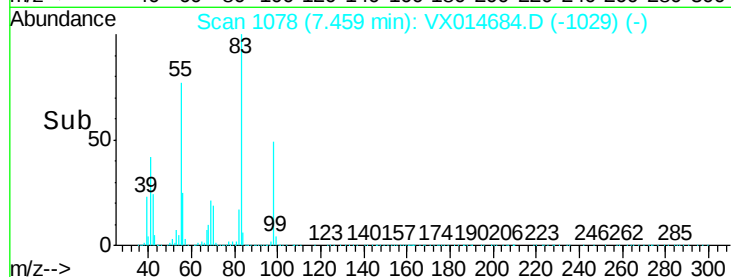
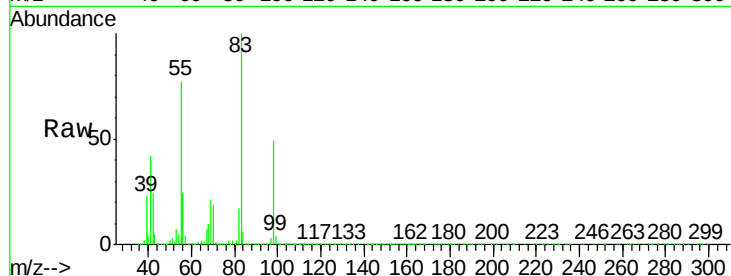
#39
Methvlcvclohexane
Concen: 99.897 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.6	98.4
98	49.4	40.2	60.4

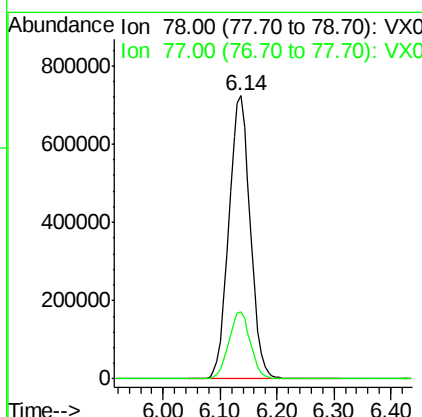
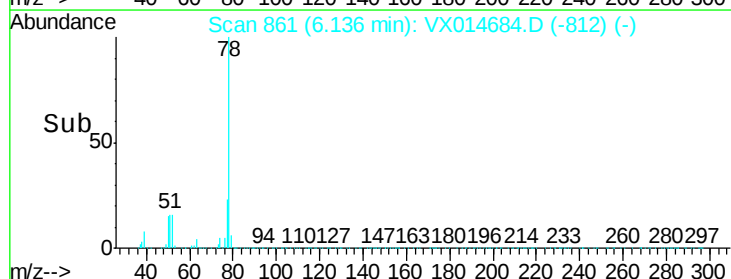
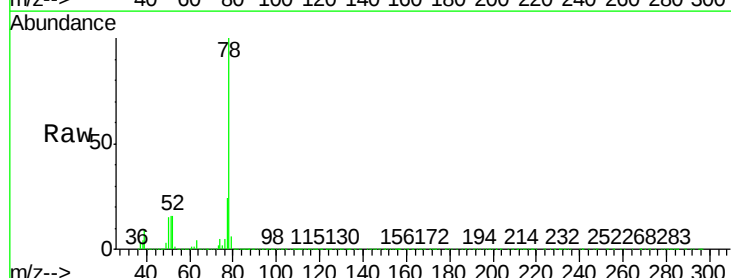
Manual Integrations
APPROVED

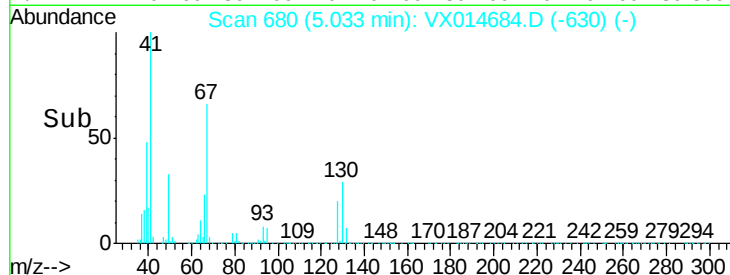
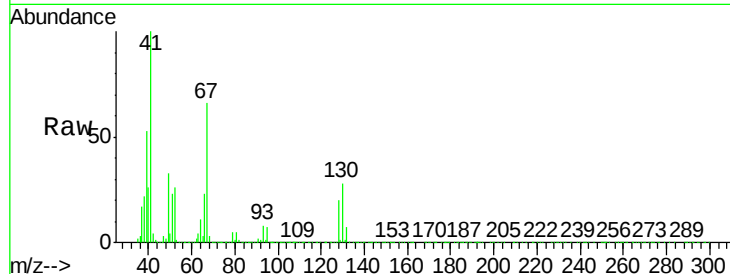
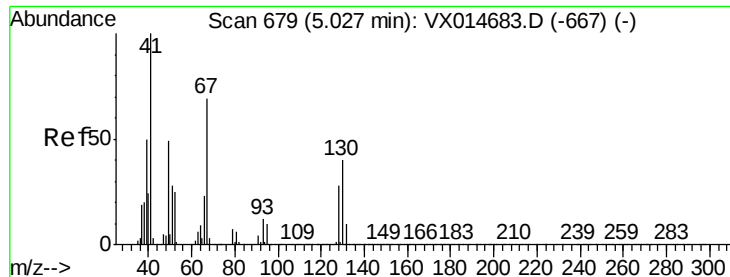
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#40
Benzene
Concen: 100.623 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





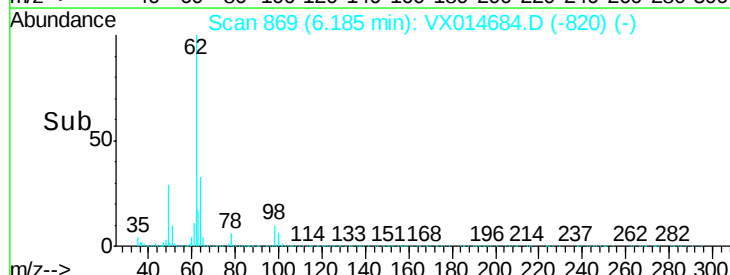
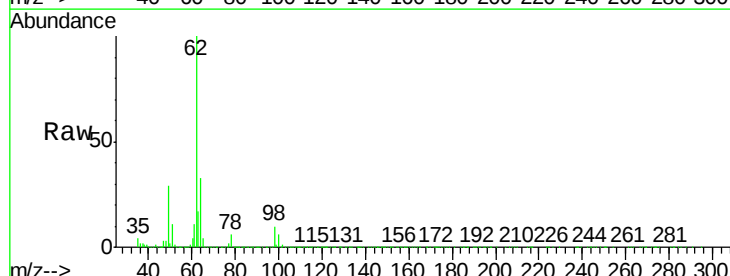
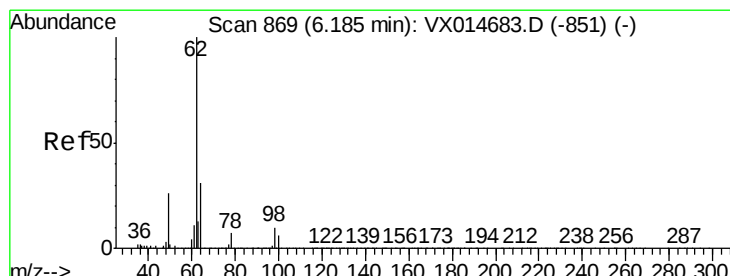
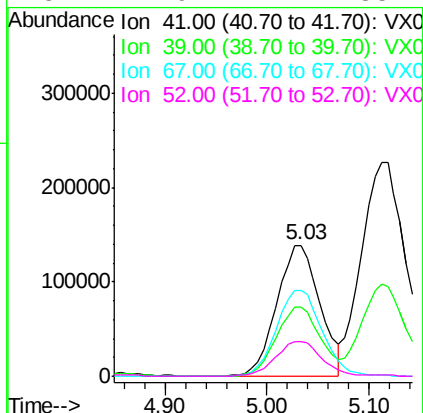
#41
Methacrylonitrile
Concen: 109.335 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	405662		
39	39	54.0		42.2	63.2
67	67	69.4		55.4	83.0
52	52	27.9		22.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

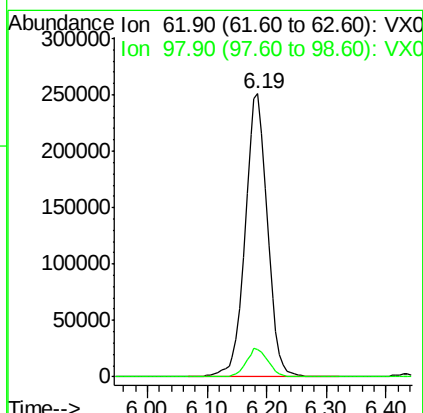
Manual Integrations
APPROVED

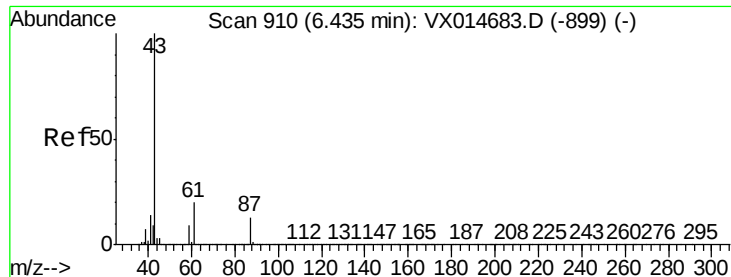
MMDadoda
1/24/2020 1:39:12 PM



#42
1,2-Dichloroethane
Concen: 98.261 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	650354		
98	98	10.0		0.0	20.0





#43

Isopropyl Acetate

Concen: 107.659 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1201922

Ion Ratio Lower Upper

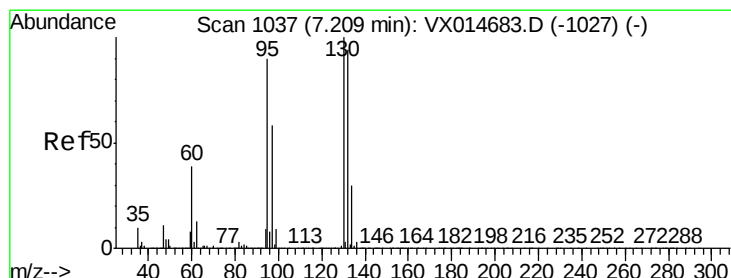
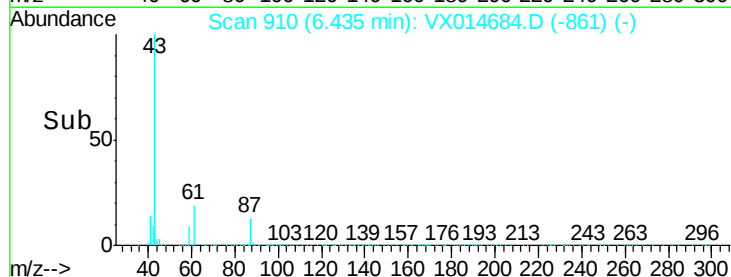
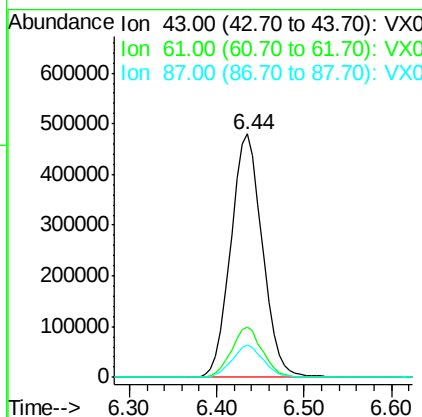
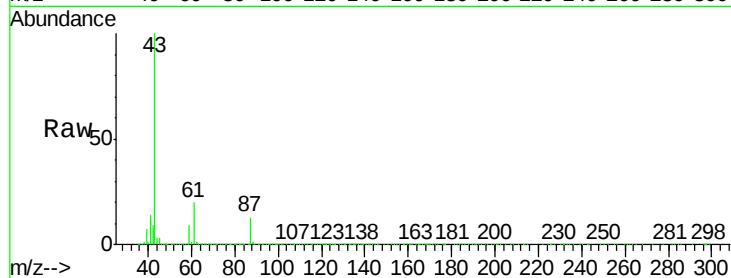
43 100

61 20.1 16.2 24.4

87 13.1 10.5 15.7

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1/24/2020 1:39:12 PM



#44

Trichloroethene

Concen: 96.621 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014684.D

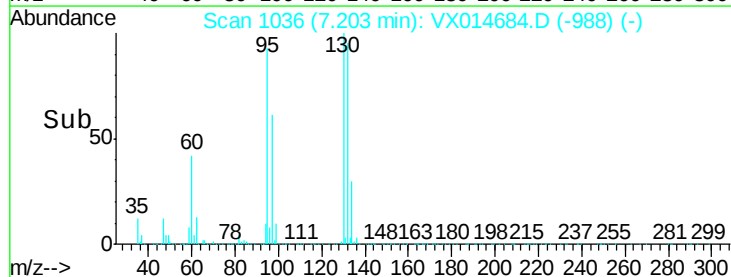
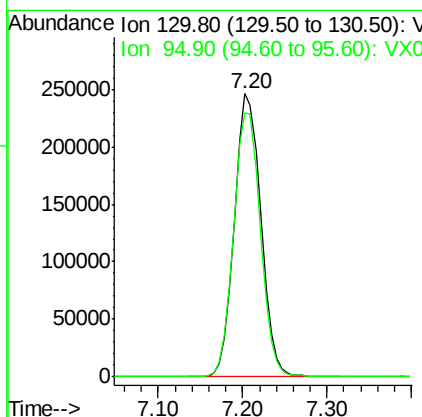
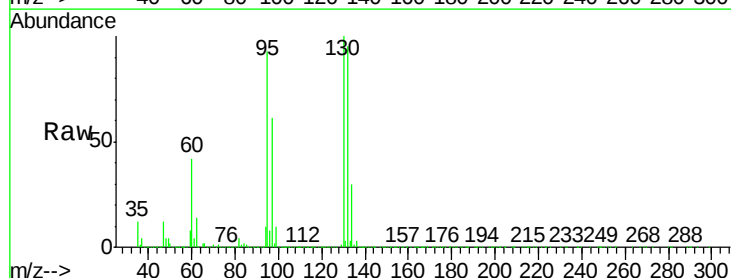
Acq: 22 Jan 2020 11:50

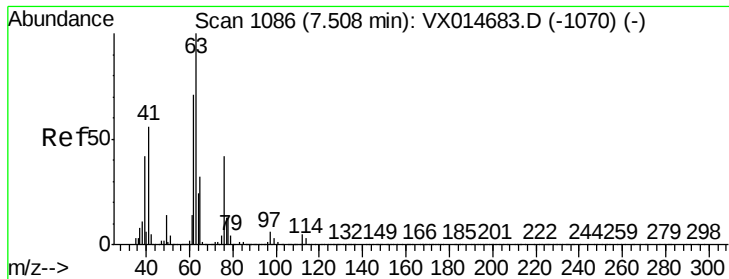
Tgt Ion:130 Resp: 522552

Ion Ratio Lower Upper

130 100

95 93.2 0.0 179.8





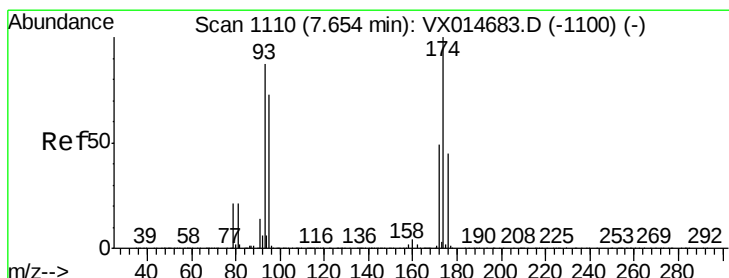
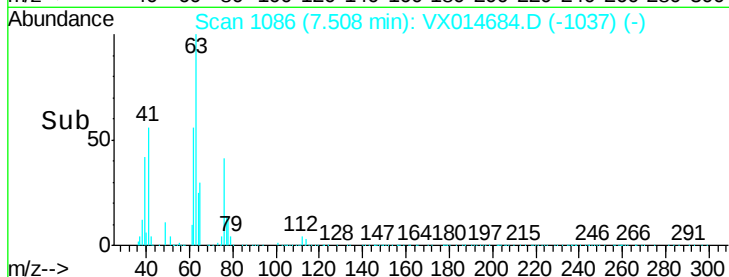
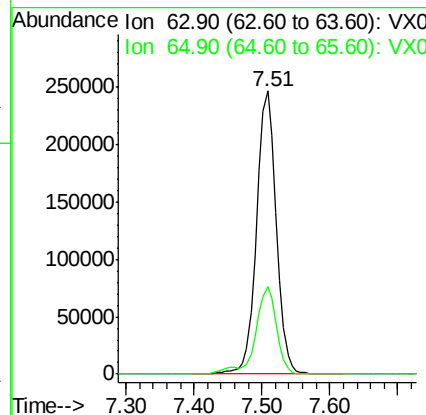
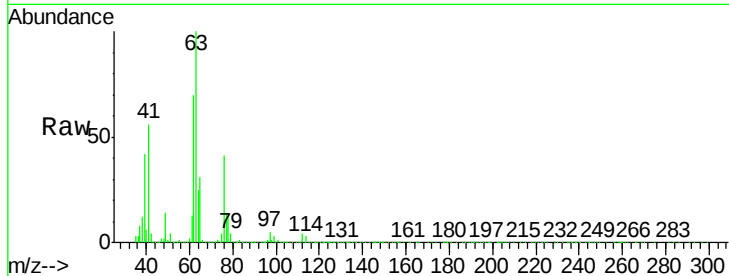
#45
 1,2-Dichloropropane
 Concen: 103.007 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.2	37.8

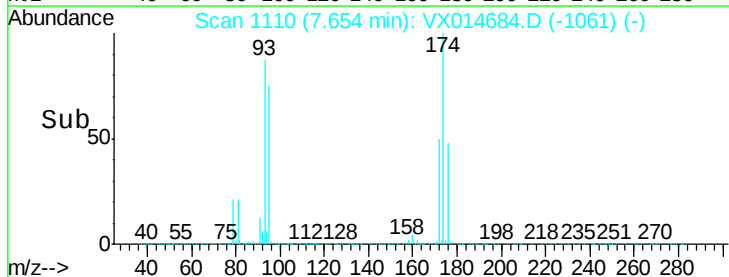
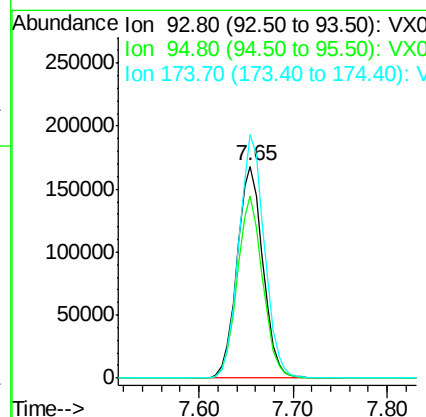
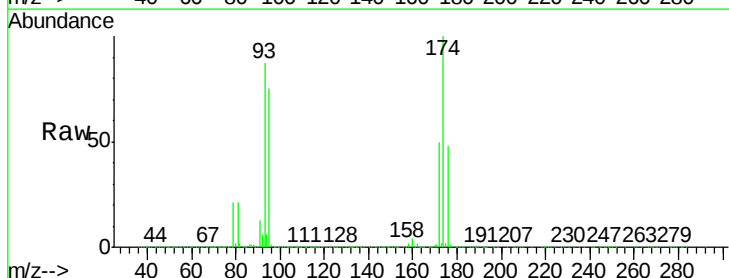
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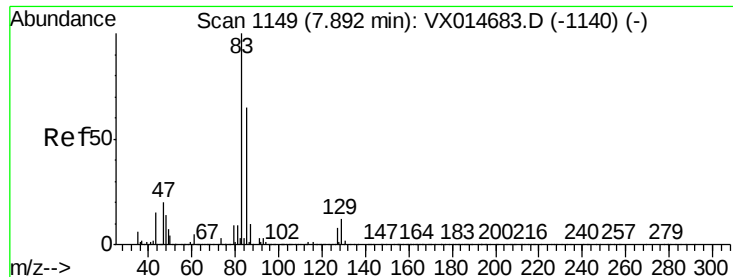
MMDadoda
 1/24/2020 1:39:12 PM



#46
 Dibromomethane
 Concen: 95.013 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.0	100.4
174	114.1	90.2	135.2





#47

Bromodichloromethane

Concen: 105.069 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

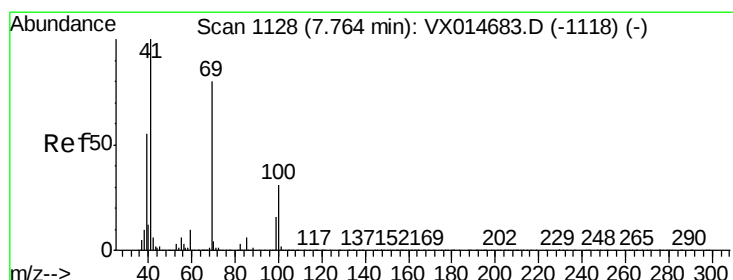
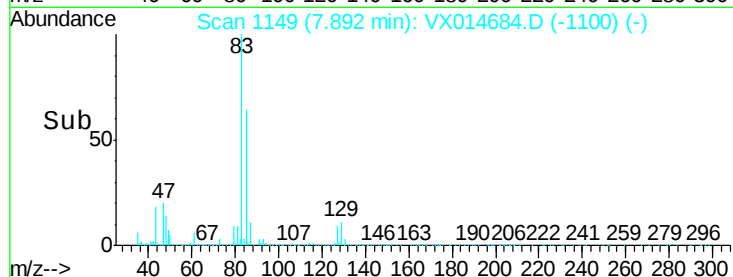
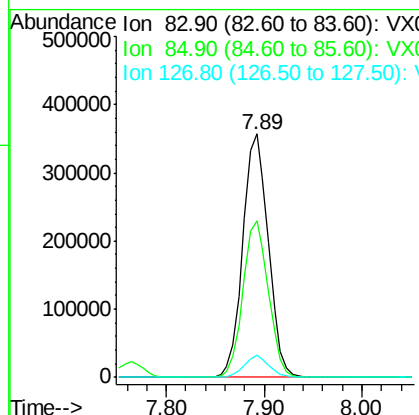
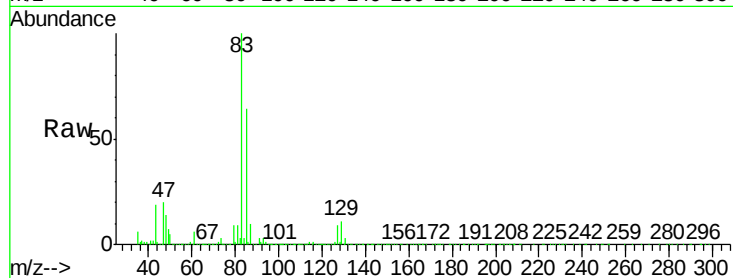
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	643528
Ion Ratio	Lower	Upper	
83	100		
85	64.4	52.2	78.2
127	8.9	6.4	9.6

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#48

Methyl methacrylate

Concen: 112.443 ug/l

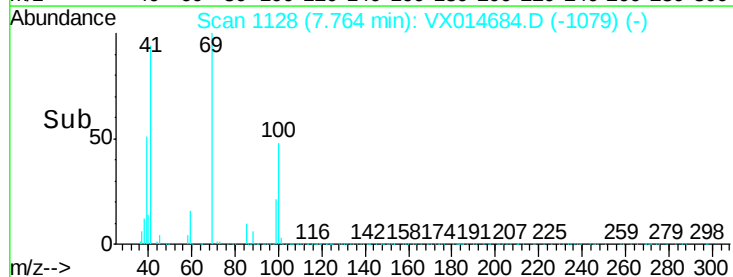
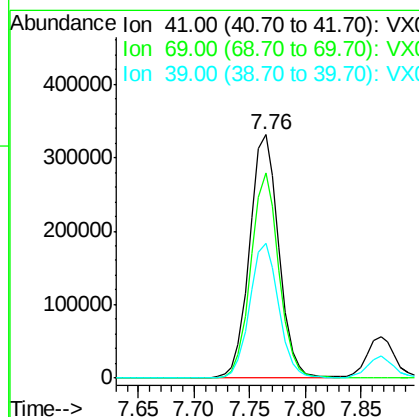
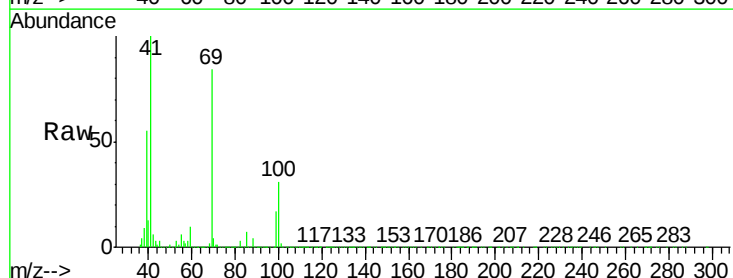
RT: 7.76 min Scan# 1128

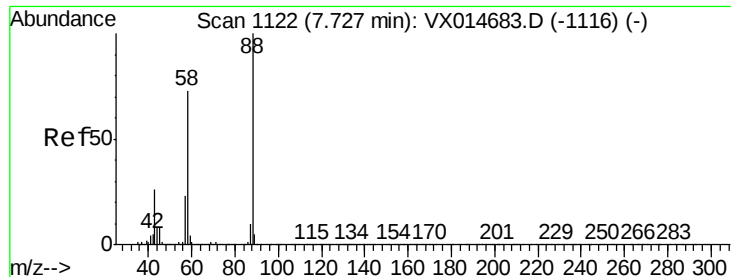
Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:	41	Resp:	603445
Ion Ratio	Lower	Upper	
41	100		
69	81.0	63.5	95.3
39	54.8	43.7	65.5





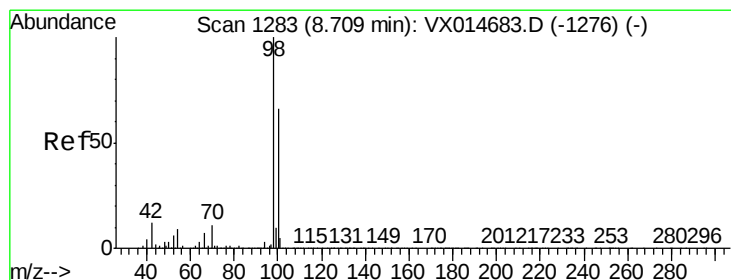
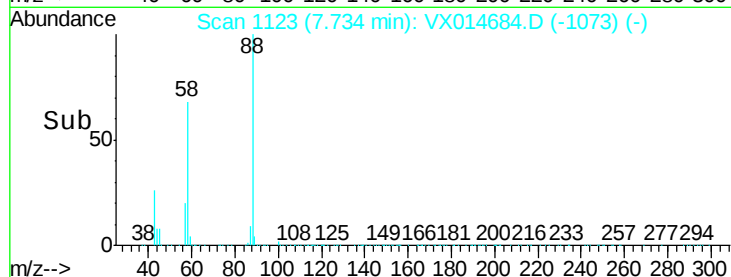
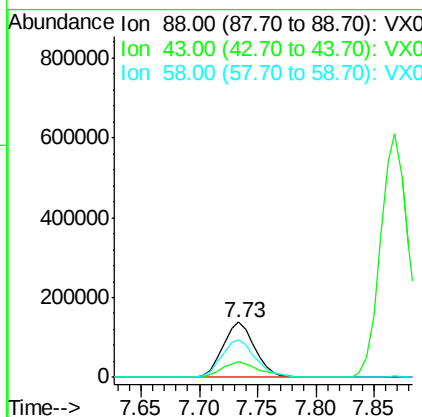
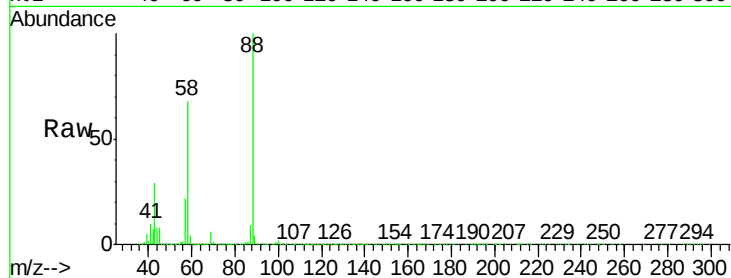
#49
1,4-Dioxane
Concen: 2349.283 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.2	39.2
58	71.6	56.6	85.0

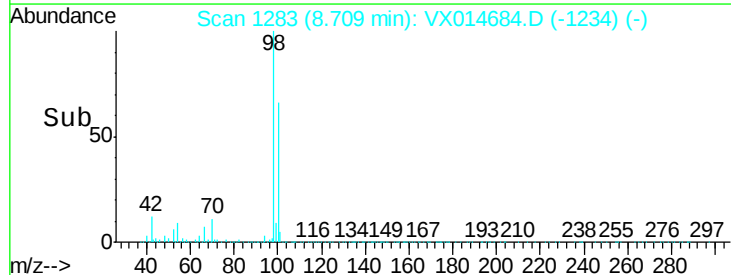
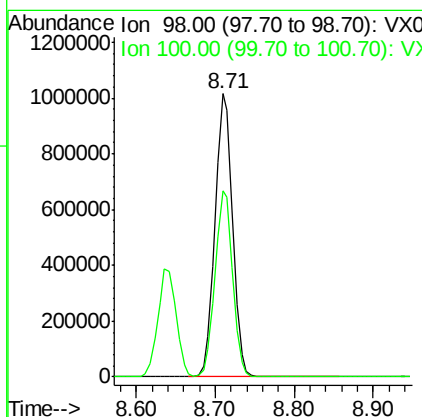
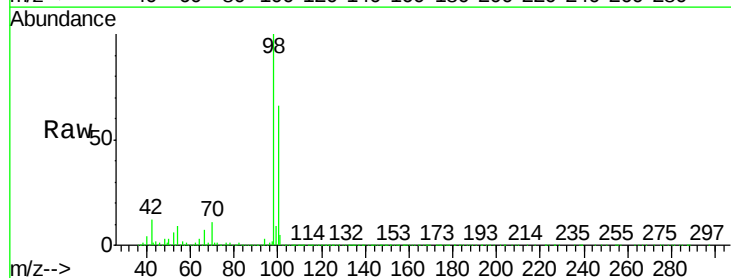
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#50
Toluene-d8
Concen: 98.738 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





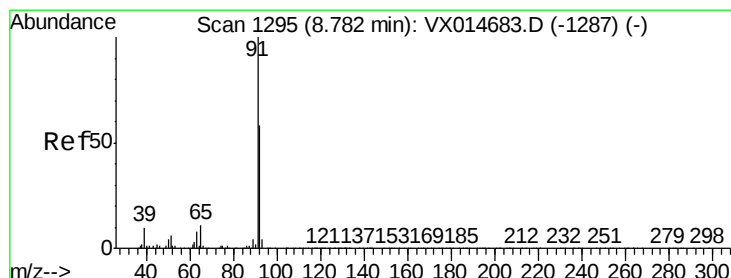
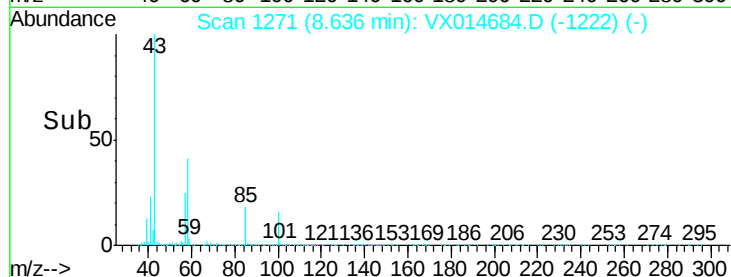
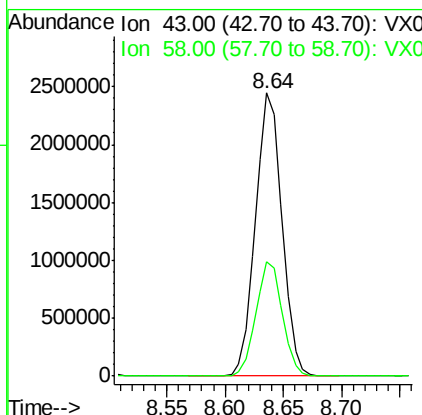
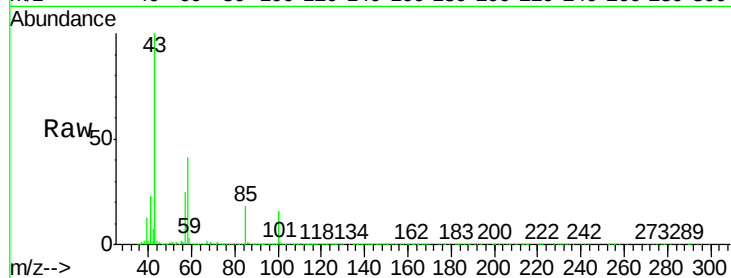
#51
4-Methyl-2-Pentanone
Concen: 569.526 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3887756
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4

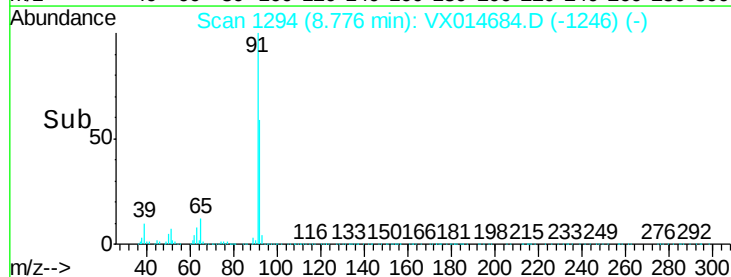
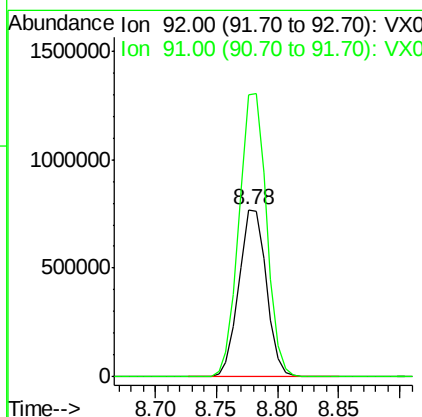
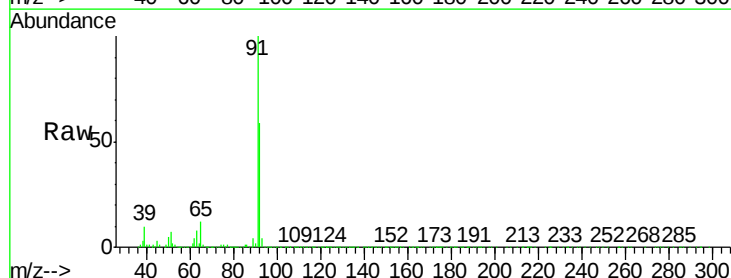
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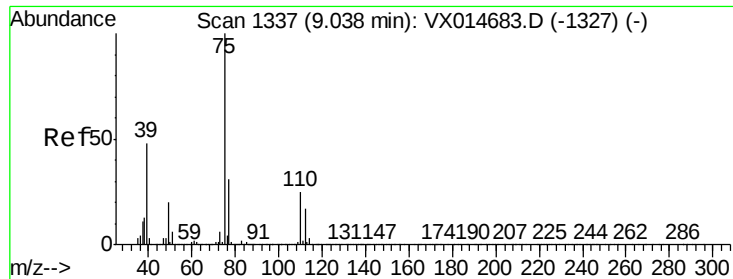
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#52
Toluene
Concen: 99.361 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion: 92 Resp: 1197780
Ion Ratio Lower Upper
92 100
91 169.9 135.9 203.9





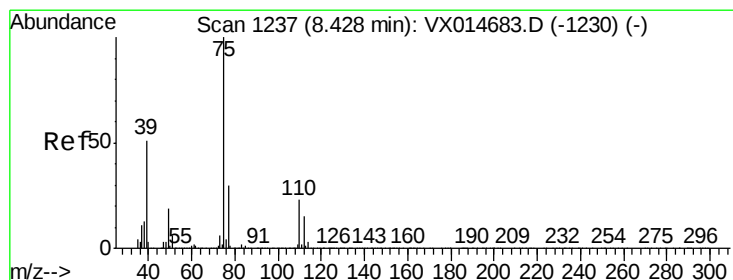
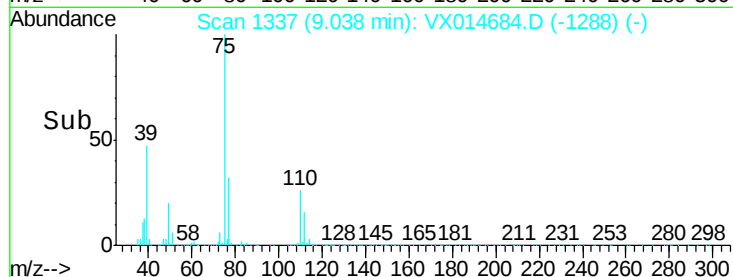
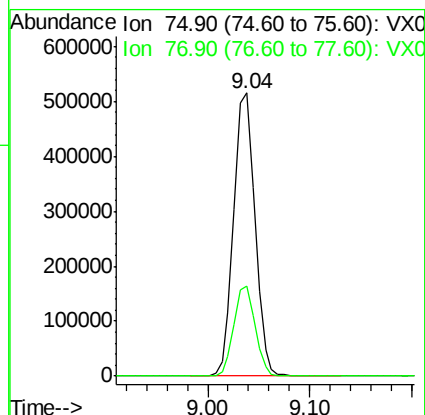
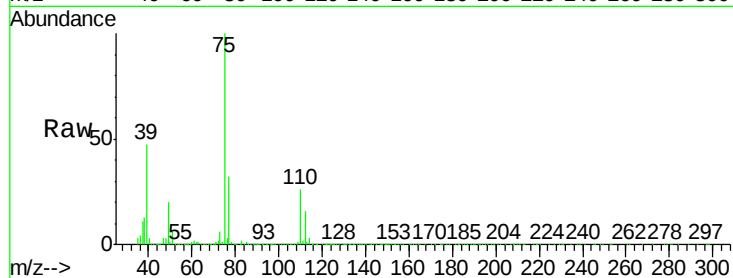
#53
t-1,3-Dichloropropene
Concen: 105.060 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 75 Resp: 743516
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

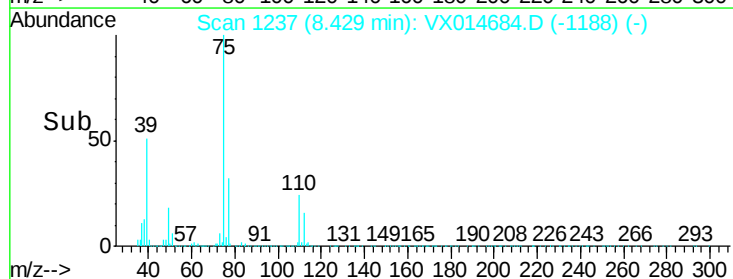
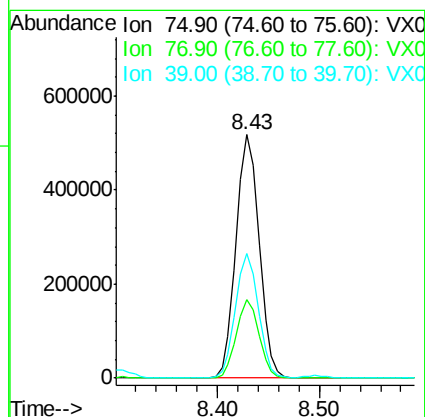
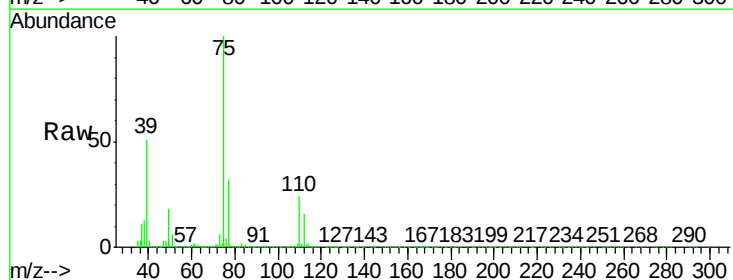
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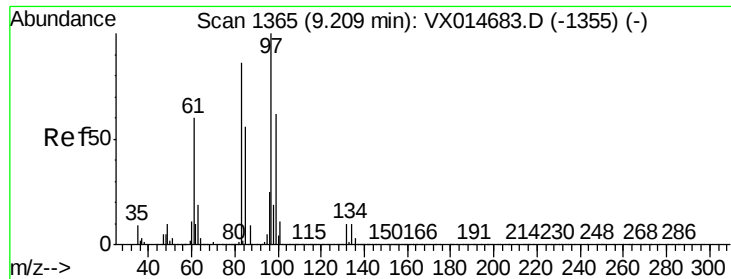
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 105.732 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion: 75 Resp: 809860
Ion Ratio Lower Upper
75 100
77 32.1 23.9 35.9
39 50.9 40.9 61.3





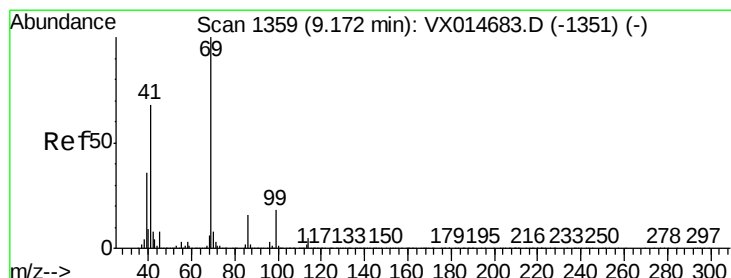
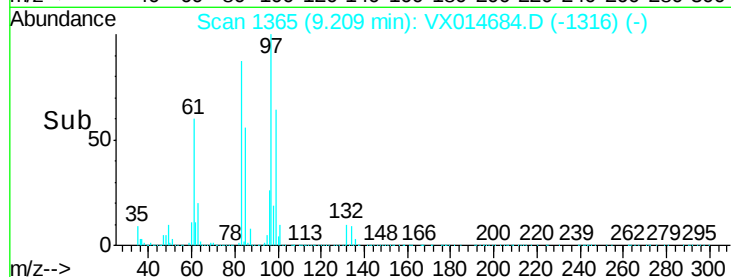
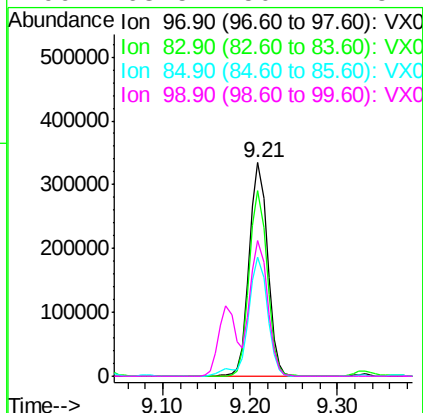
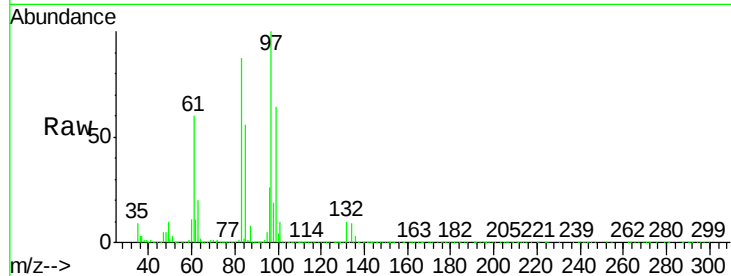
#55
 1,1,2-Trichloroethane
 Concen: 99.952 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		485390		
83	87.2	69.2	103.8		
85	55.7	44.6	67.0		
99	63.5	50.1	75.1		

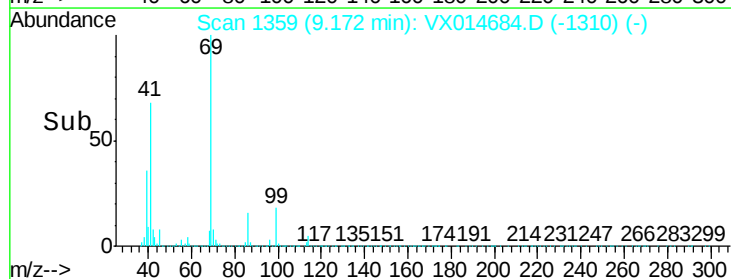
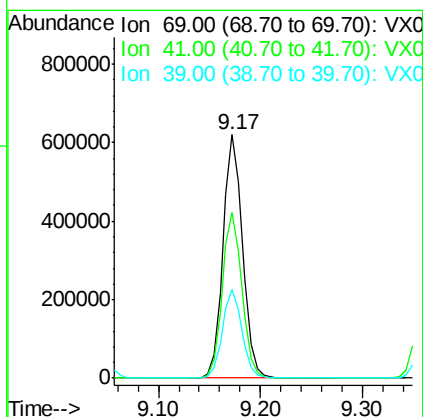
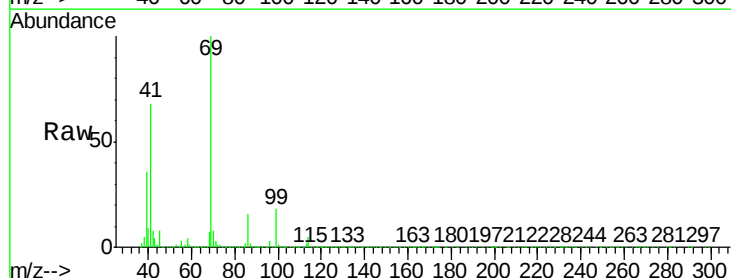
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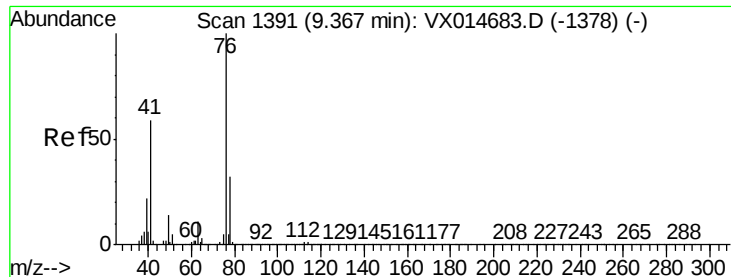
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#56
 Ethyl methacrylate
 Concen: 111.595 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		826282		
41	68.1	54.9	82.3		
39	36.4	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 101.509 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 825982

Ion Ratio Lower Upper

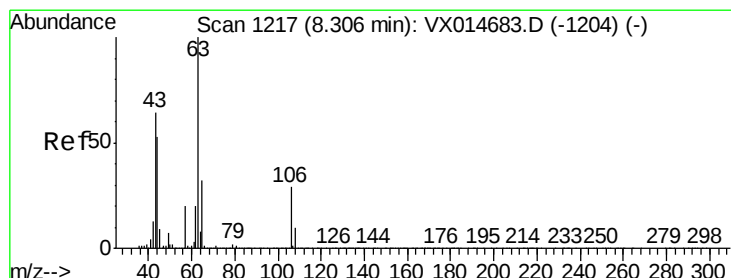
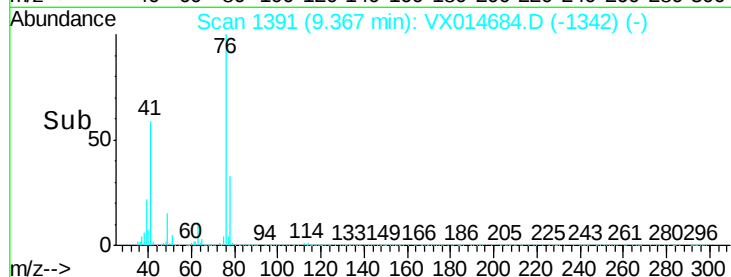
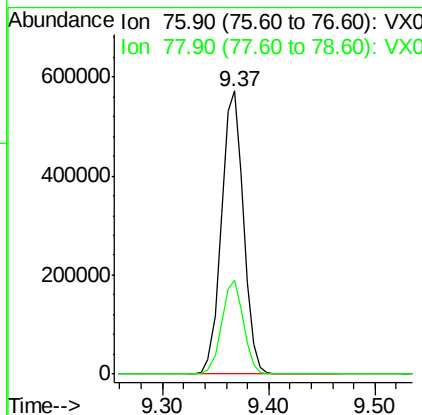
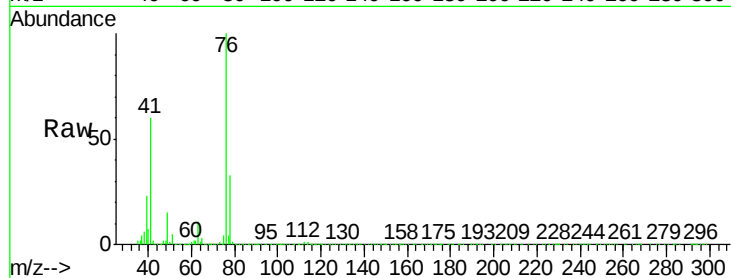
76 100

78 32.9 26.0 39.0

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1/24/2020 1:39:12 PM



#58

2-Chloroethyl Vinyl ether

Concen: 530.703 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014684.D

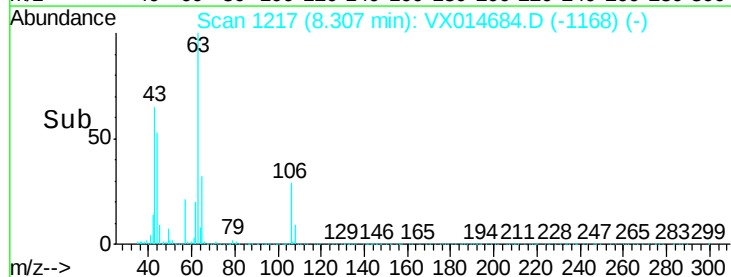
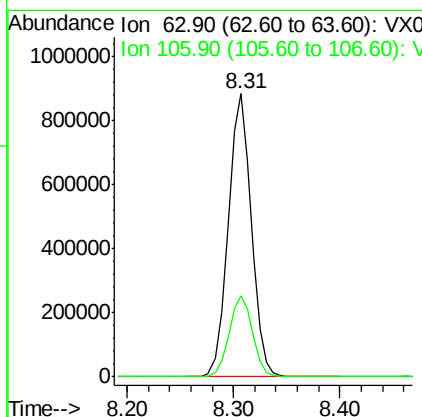
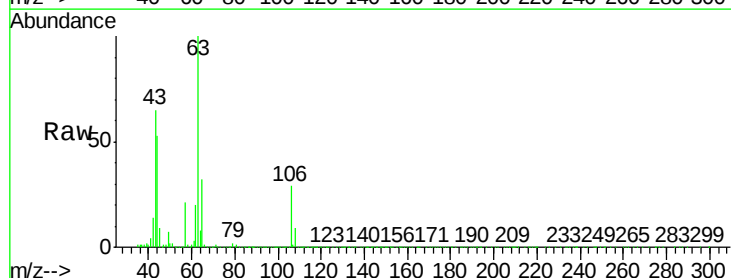
Acq: 22 Jan 2020 11:50

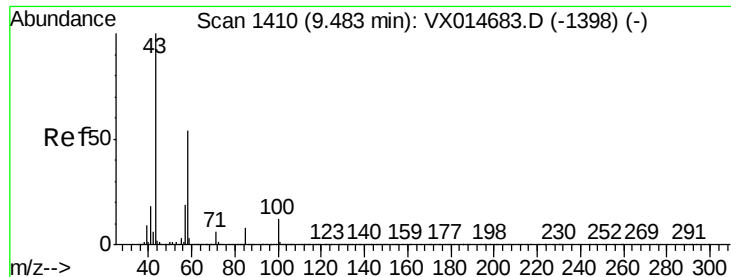
Tgt Ion: 63 Resp: 1338780

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





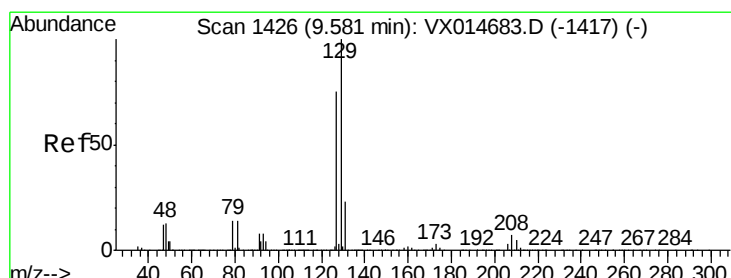
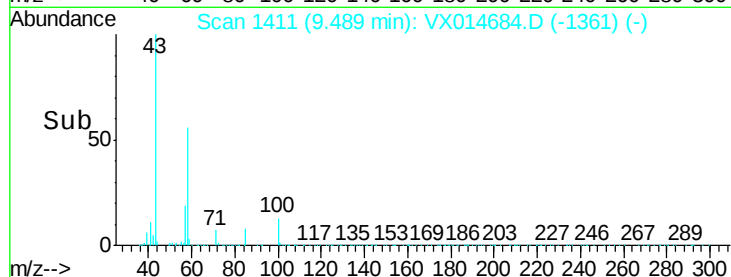
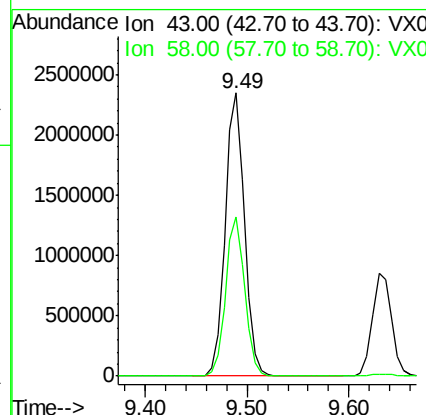
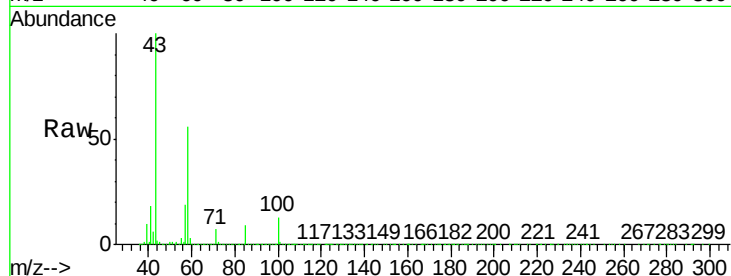
#59
2-Hexanone
Concen: 573.394 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 3093086
Ion Ratio Lower Upper
43 100
58 55.8 27.2 81.5

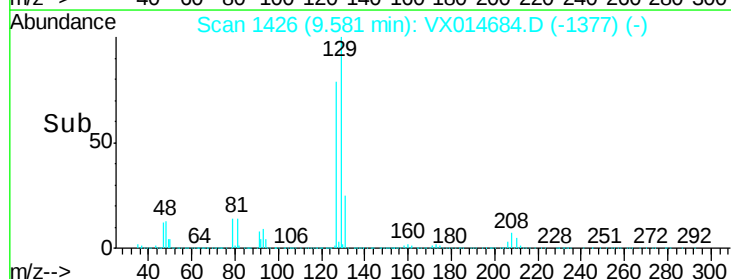
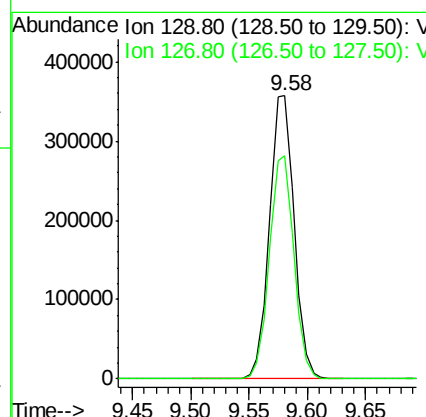
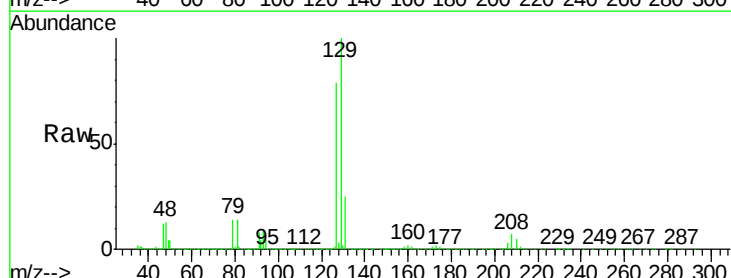
Manual Integrations
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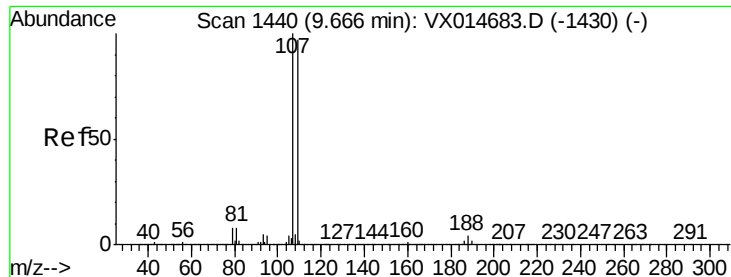
MMDadoda
1/24/2020 1:39:12 PM



#60
Dibromochloromethane
Concen: 108.717 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion: 129 Resp: 529798
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 100.669 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 517089

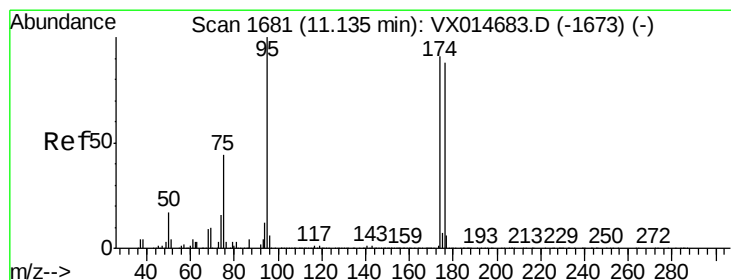
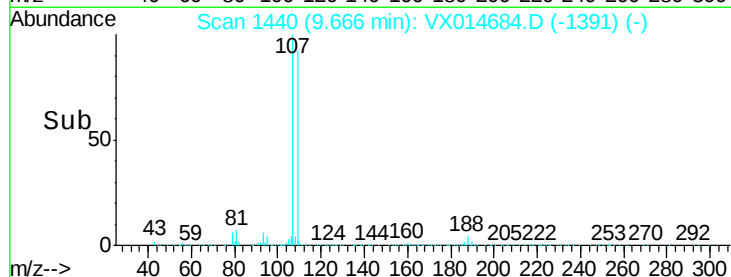
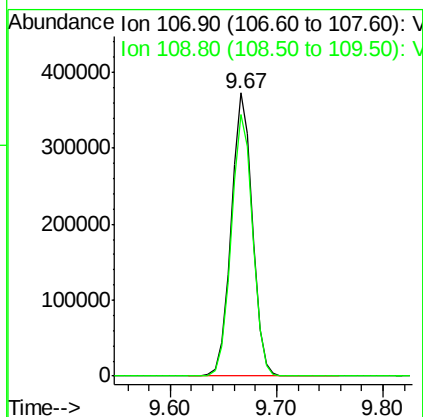
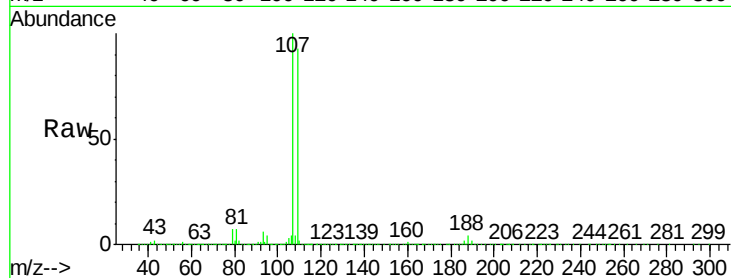
Ion Ratio Lower Upper

107 100

109 94.1 76.2 114.2

Manual Integrations
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1/24/2020 1:39:12 PM



#62

4-Bromofluorobenzene

Concen: 99.779 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

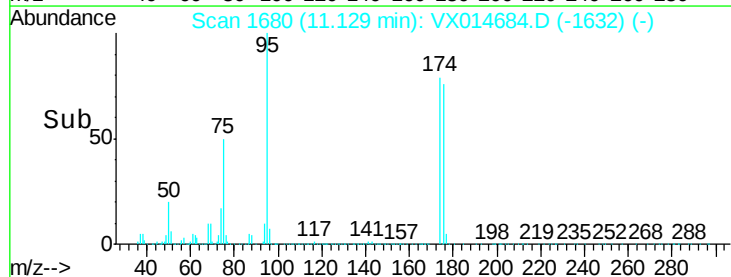
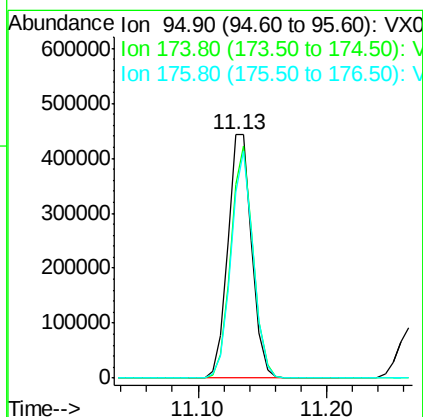
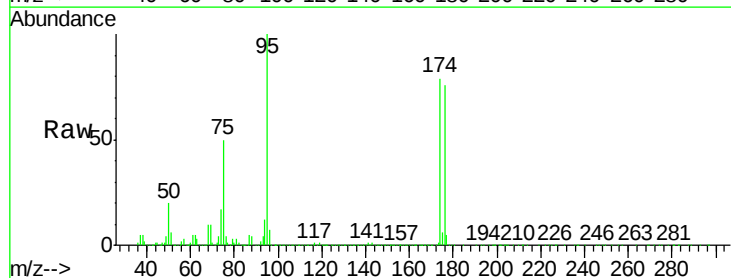
Tgt Ion: 95 Resp: 578012

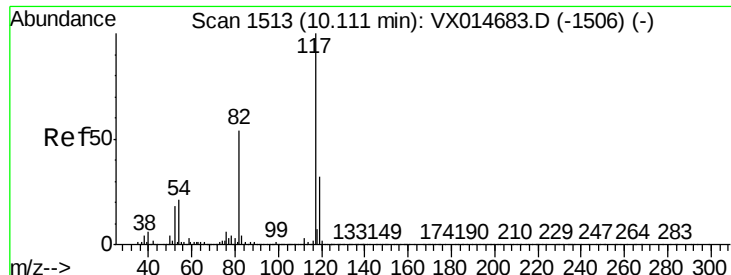
Ion Ratio Lower Upper

95 100

174 88.5 0.0 176.0

176 86.2 0.0 172.2





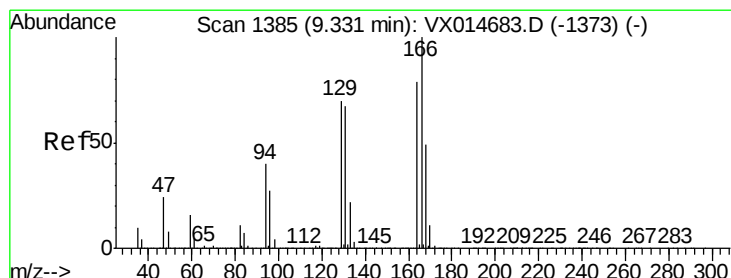
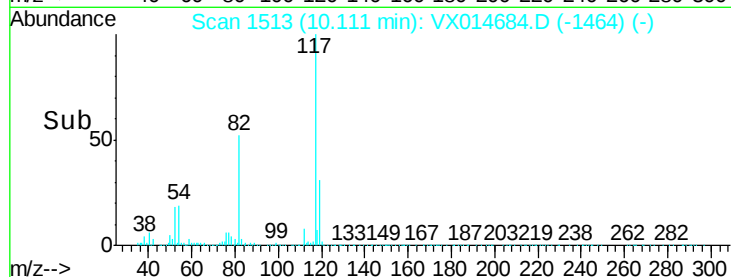
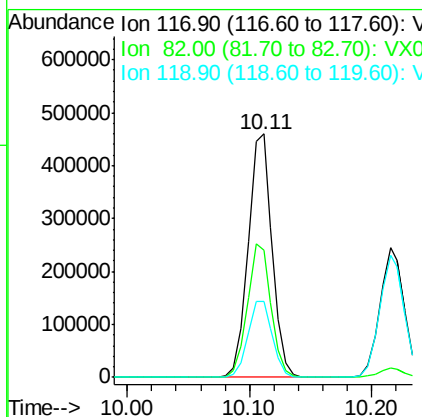
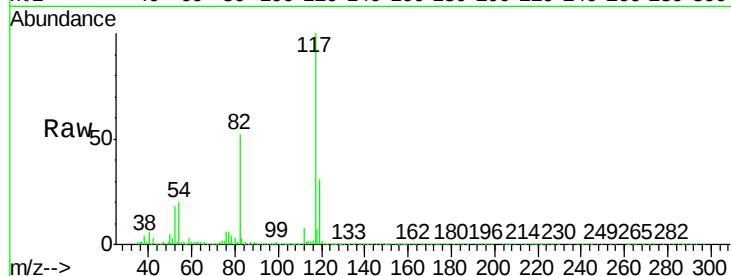
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.2	64.8
119	31.3	25.8	38.6

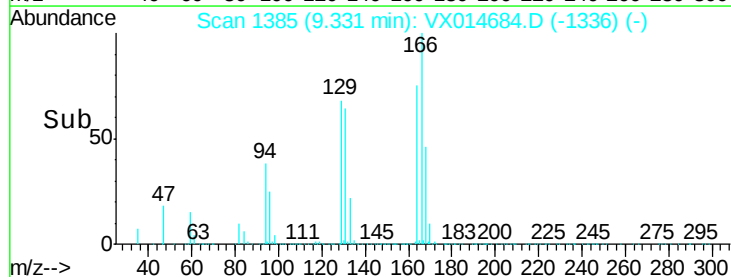
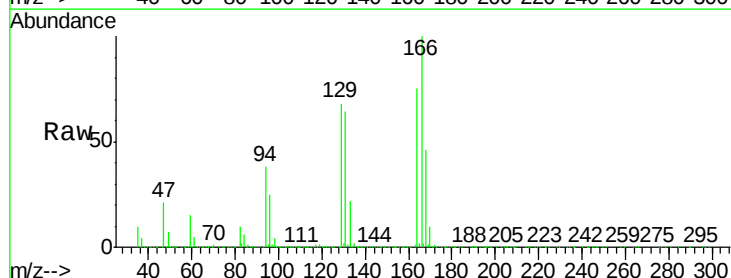
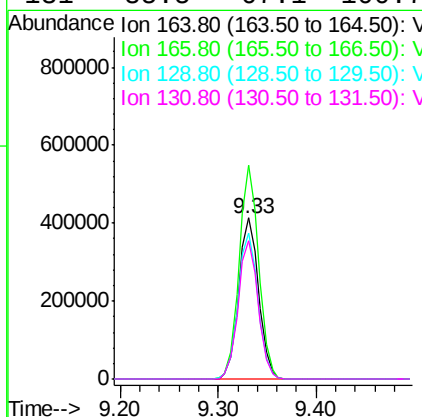
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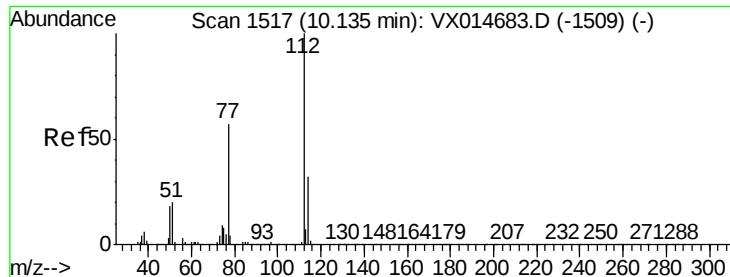
MMDadoda
1/24/2020 1:39:12 PM



#64
Tetrachloroethene
Concen: 93.004 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.6	100.9	151.3
129	90.2	71.0	106.6
131	85.5	67.1	100.7





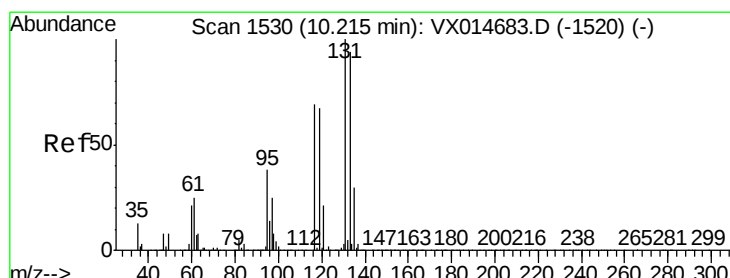
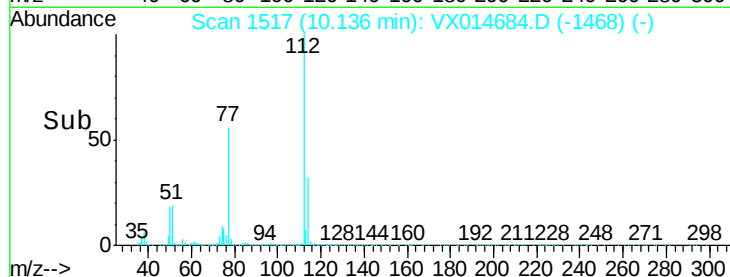
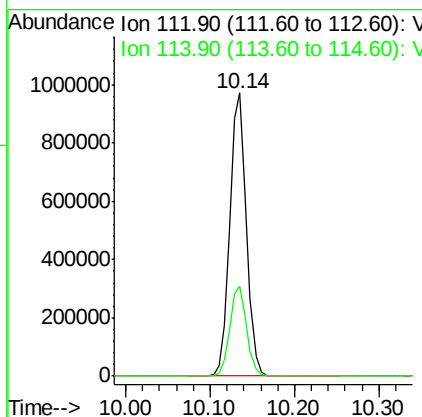
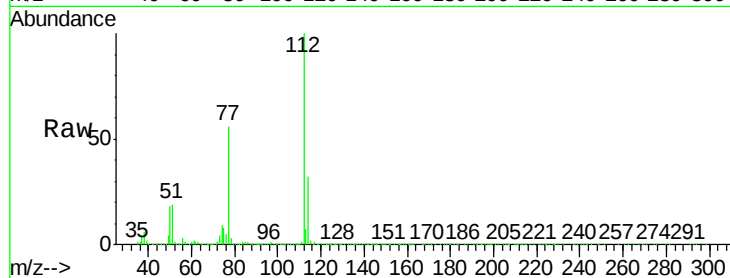
#65
Chlorobenzene
Concen: 95.839 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 1303705
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

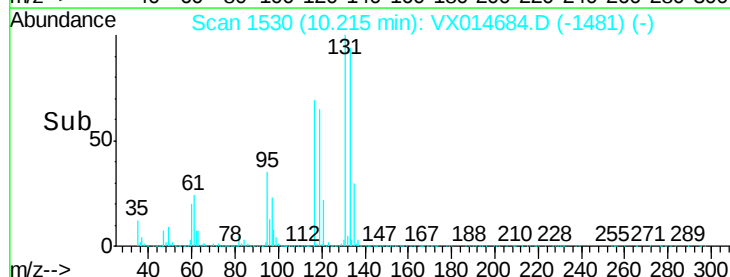
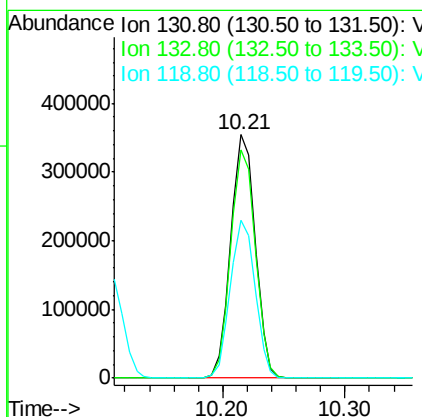
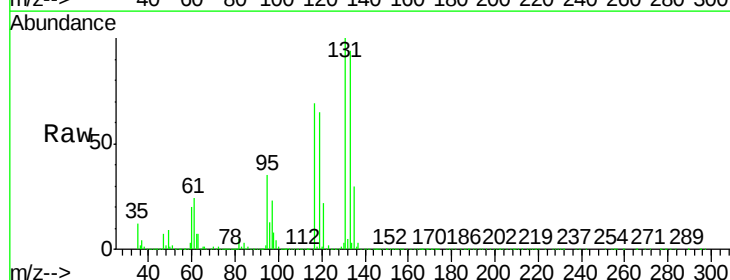
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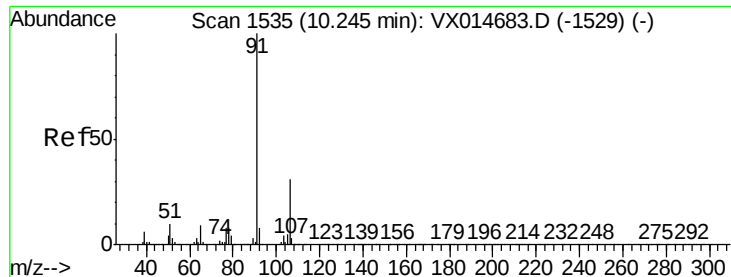
MMDadoda
1/24/2020 1:39:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 100.802 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion:131 Resp: 489352
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.3
119 65.8 33.3 99.8





#67

Ethyl Benzene

Concen: 99.490 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2310990

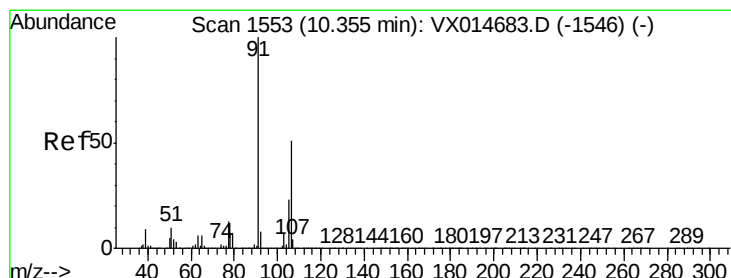
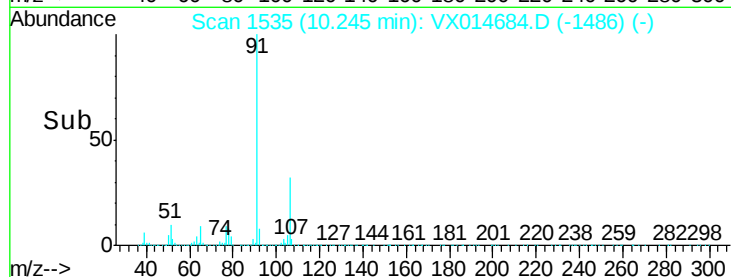
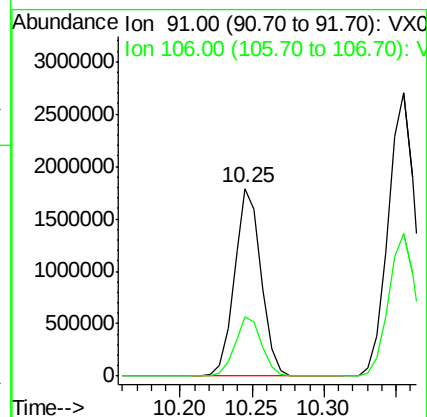
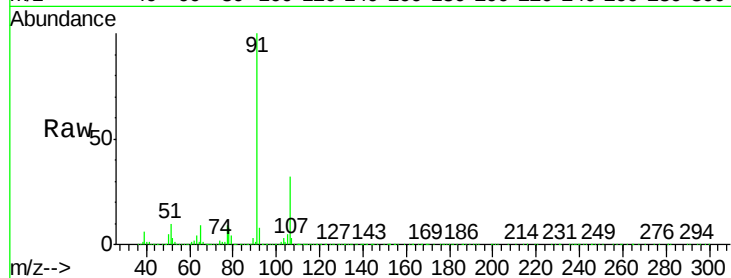
Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3

Manual Integrations
APPROVED

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1/24/2020 1:39:12 PM



#68

m/p-Xylenes

Concen: 198.396 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014684.D

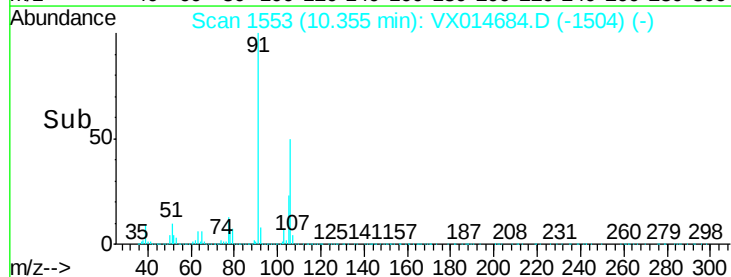
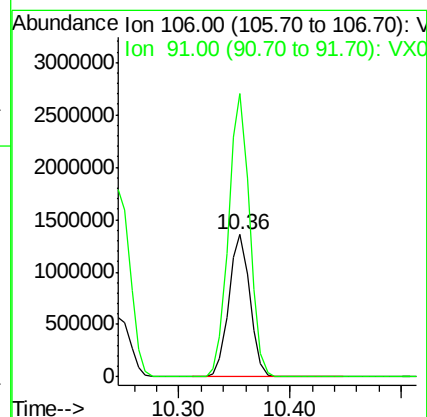
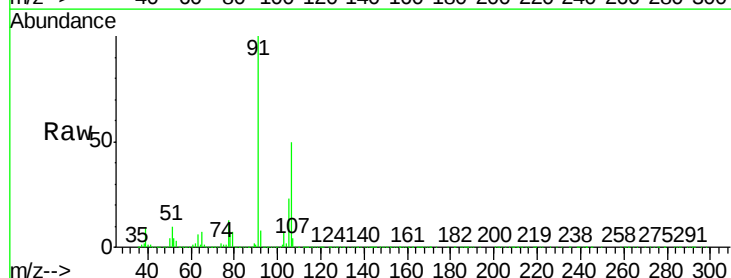
Acq: 22 Jan 2020 11:50

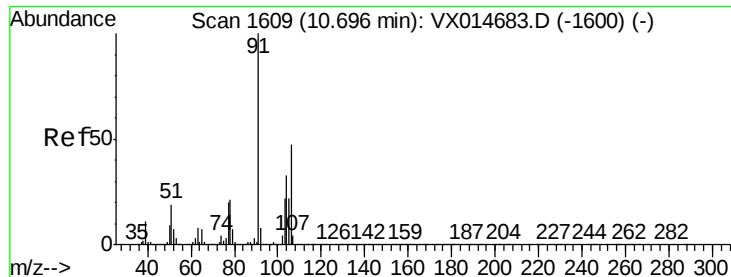
Tgt Ion: 106 Resp: 1776981

Ion Ratio Lower Upper

106 100

91 198.8 159.4 239.2





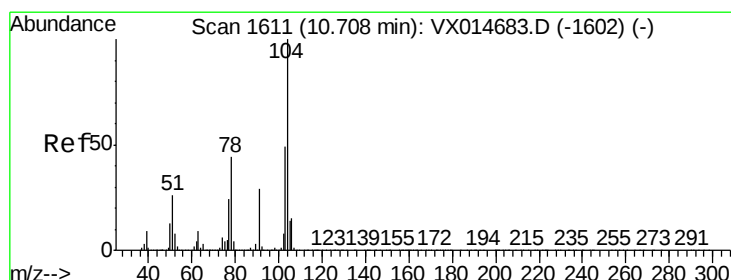
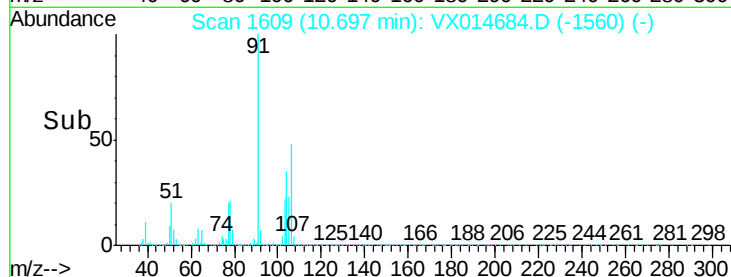
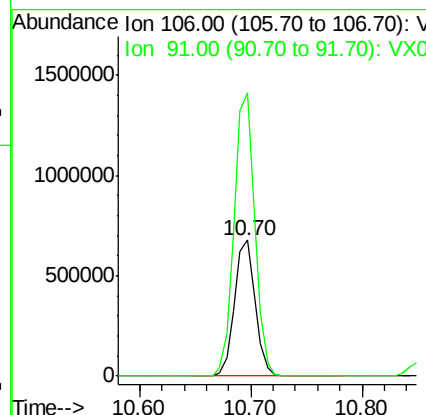
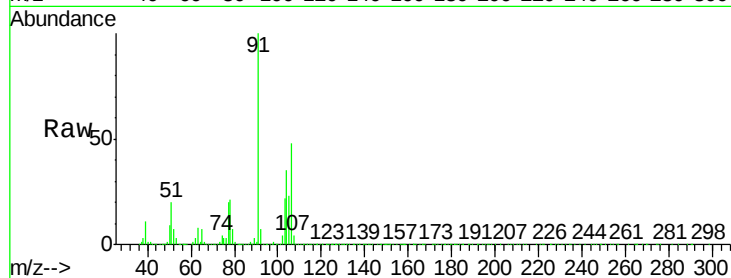
#69
o-Xylene
Concen: 101.251 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	106.2	318.6

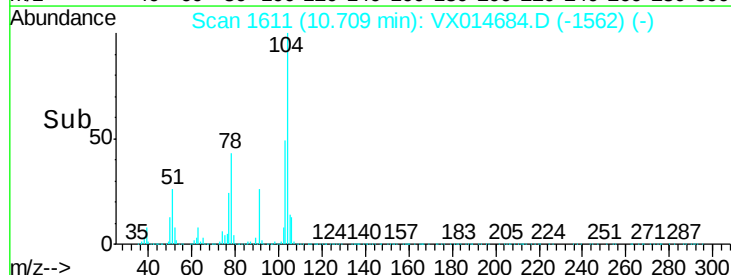
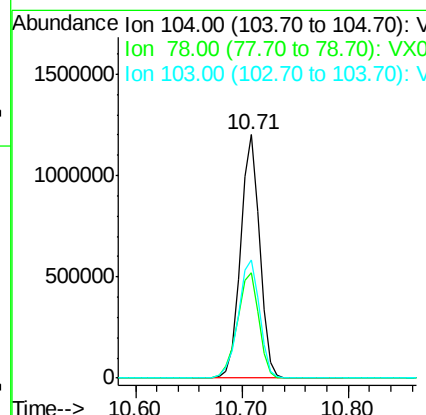
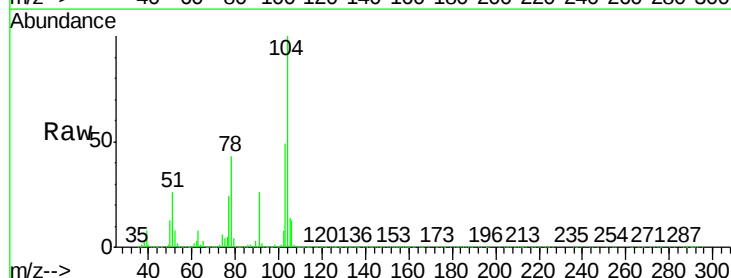
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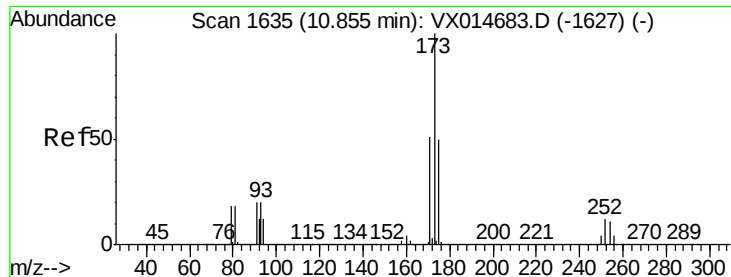
MMDadoda
1/24/2020 1:39:12 PM



#70
Styrene
Concen: 102.650 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.3	58.9
103	54.3	43.5	65.3





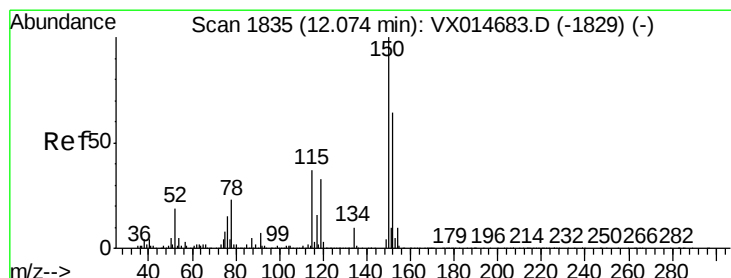
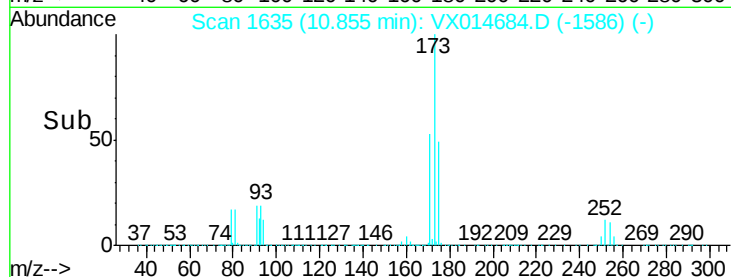
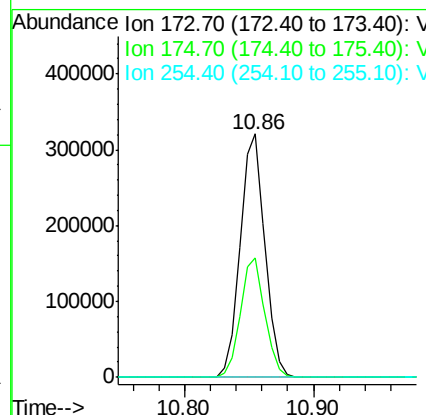
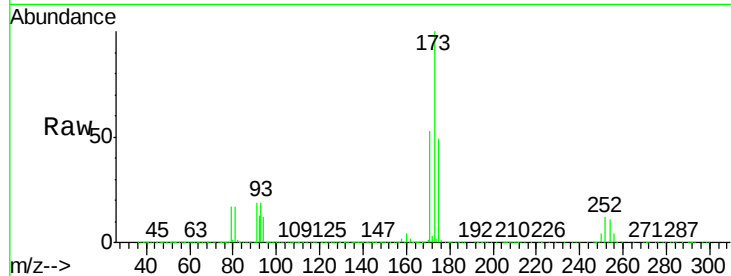
#71
Bromoform
Concen: 107.829 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.2	0.1	0.1#

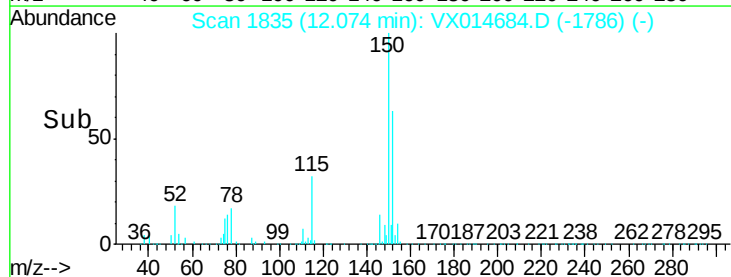
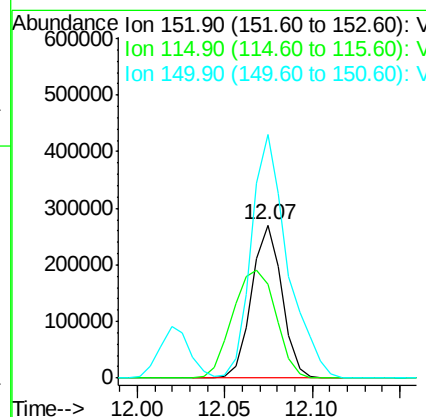
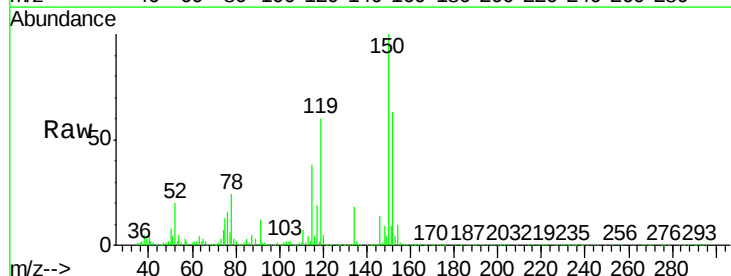
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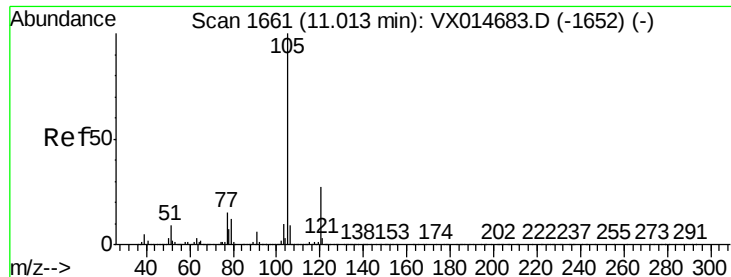
MMDadoda
1/24/2020 1:39:12 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	101.4	39.4	118.1
150	192.1	0.0	351.2





#73

Isopropylbenzene

Concen: 99.548 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2278354

Ion Ratio Lower Upper

105 100

120 27.0

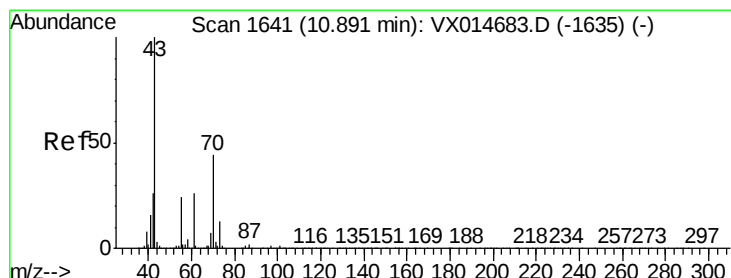
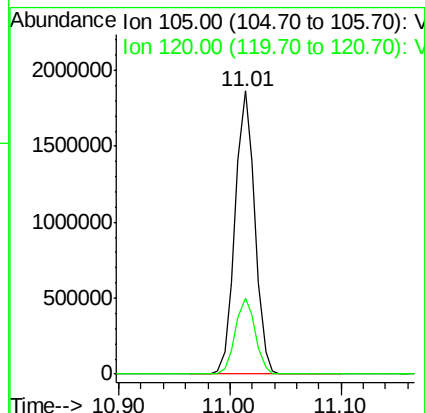
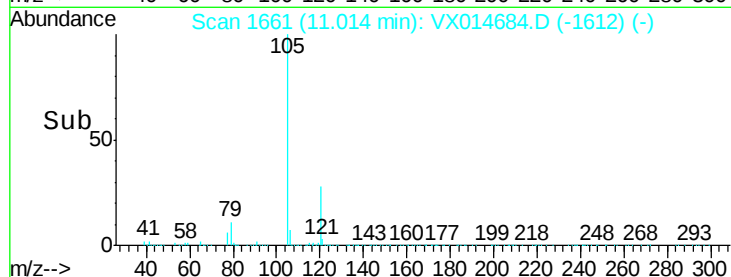
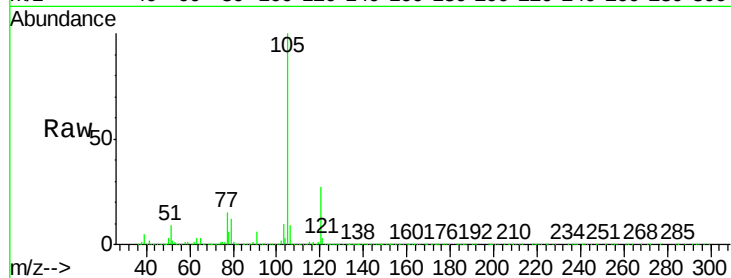
13.5

40.5

Manual Integrations
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1/24/2020 1:39:12 PM



#74

N-ethyl acetate

Concen: 109.324 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion: 43 Resp: 1101305

Ion Ratio Lower Upper

43 100

70 43.2

34.6

52.0

55 23.6

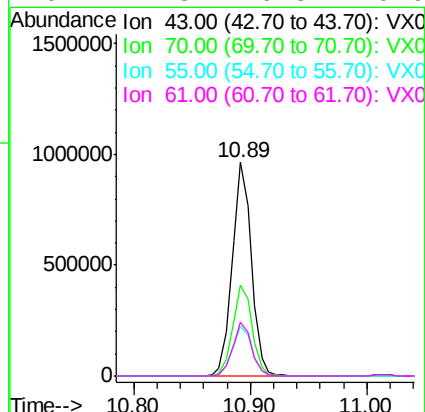
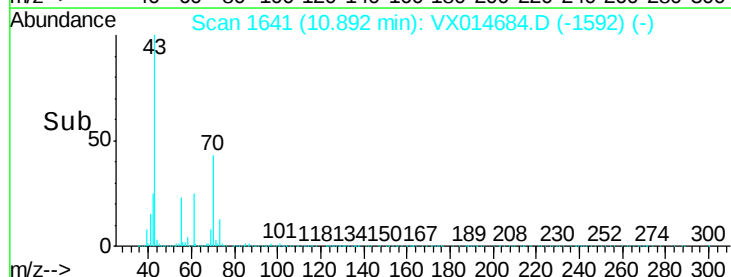
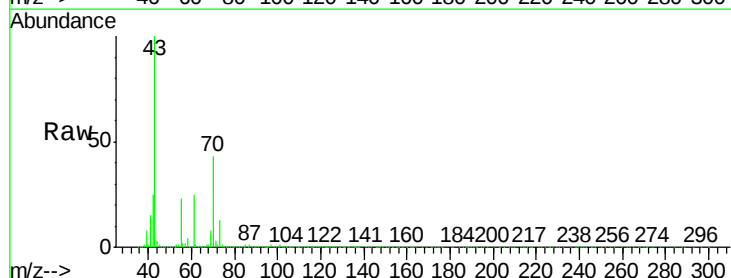
19.4

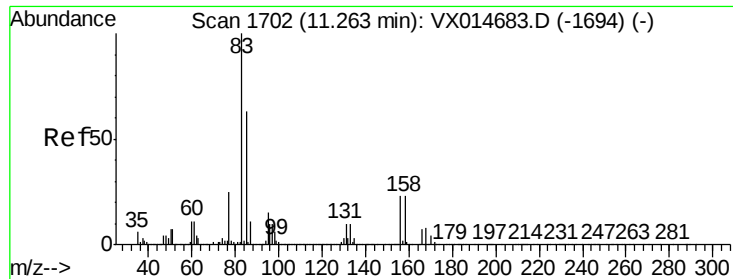
29.2

61 24.8

19.8

29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 104.713 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

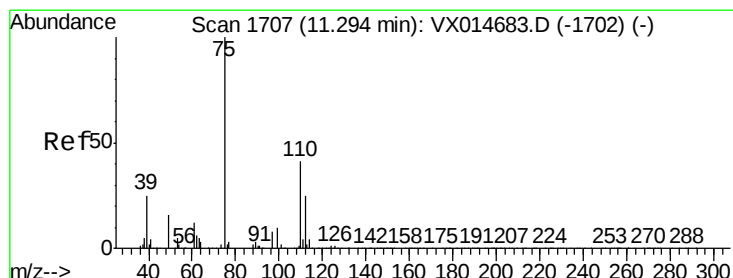
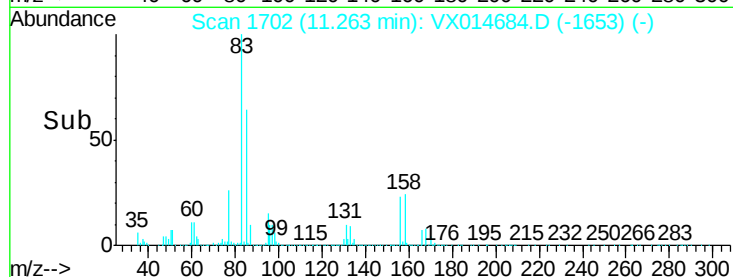
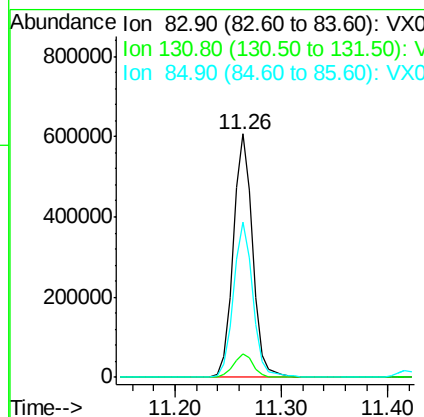
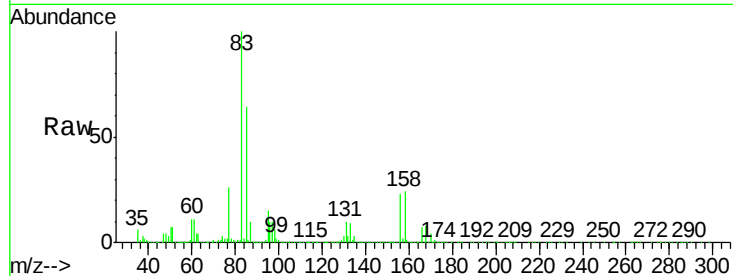
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	773160
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	63.9	31.7	95.1

Manual Integrations
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1/24/2020 1:39:12 PM



#76

1,2,3-Trichloropropane

Concen: 108.490 ug/l m

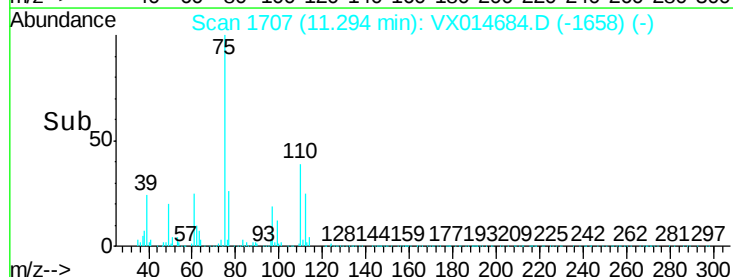
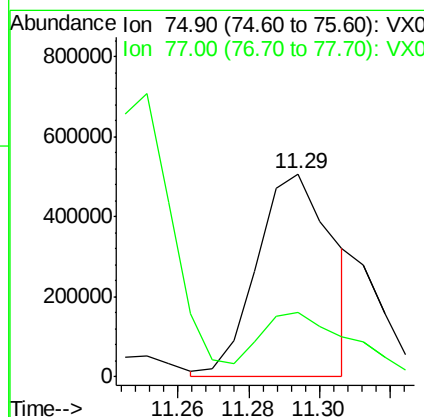
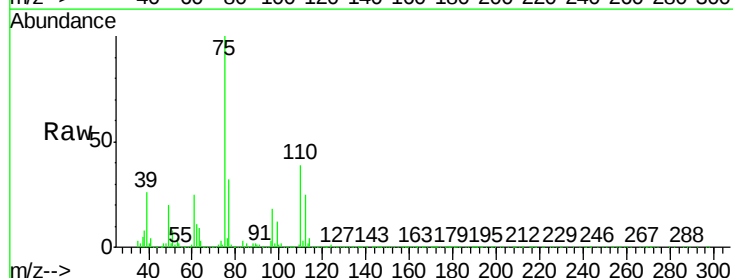
RT: 11.29 min Scan# 1707

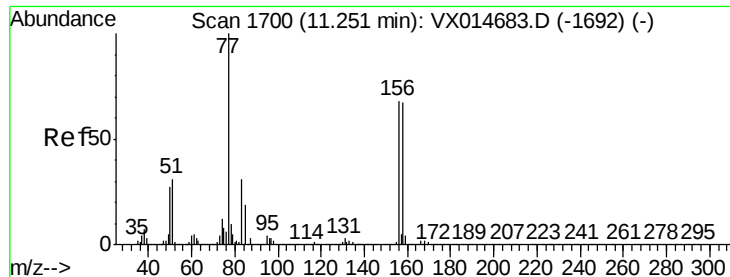
Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:	75	Resp:	753751
Ion Ratio	Lower	Upper	
75	100		
77	38.1	18.7	56.1





#77

Bromobenzene

Concen: 95.046 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

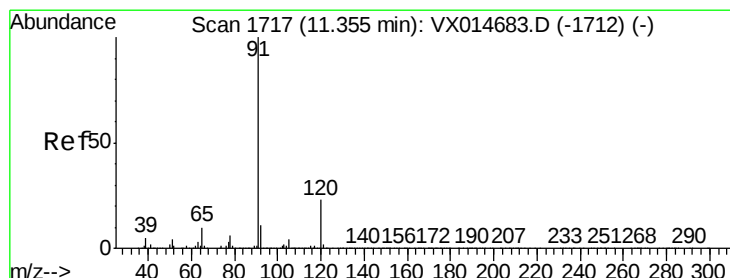
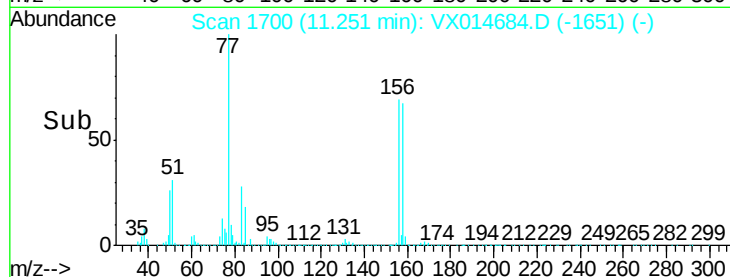
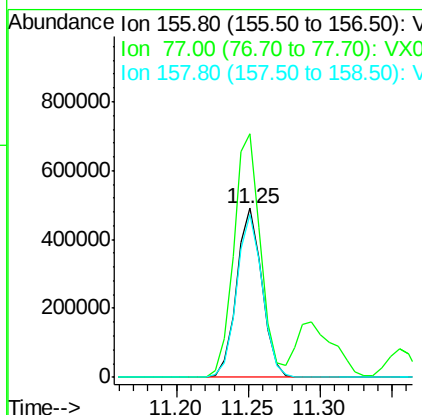
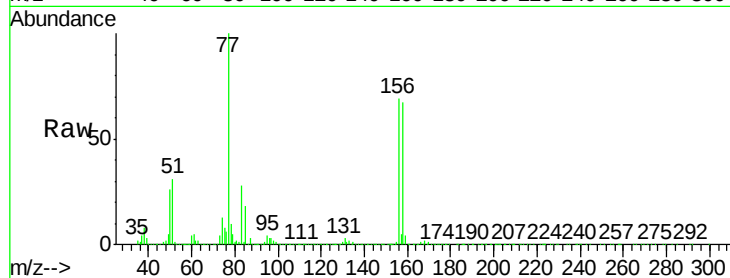
ClientSampleId :

VSTDICC100

Tot Ion:	156	Resp:	601027
Ion Ratio	Lower	Upper	
156	100		
77	153.2	77.5	232.5
158	97.5	49.1	147.3

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#78

n-propylbenzene

Concen: 99.809 ug/l

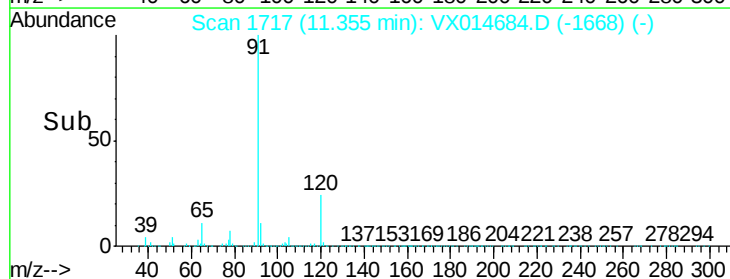
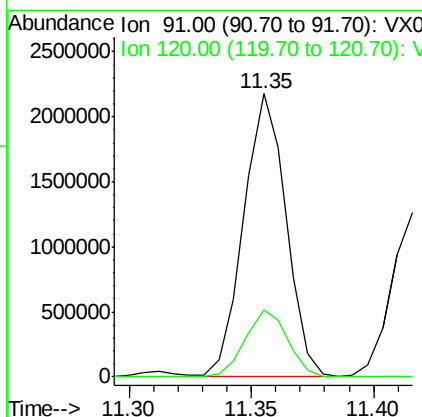
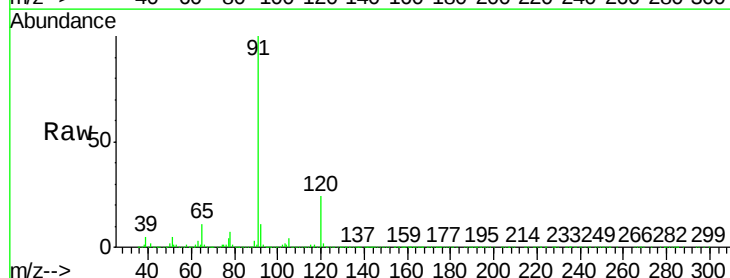
RT: 11.35 min Scan# 1717

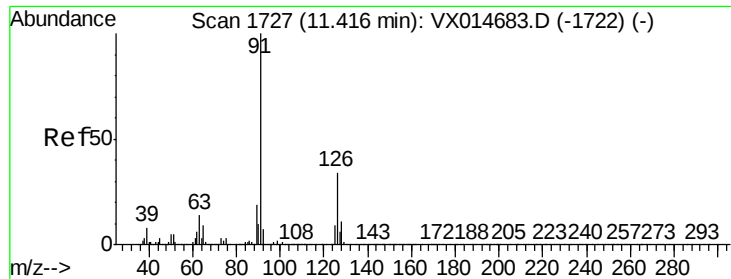
Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:	91	Resp:	2619372
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





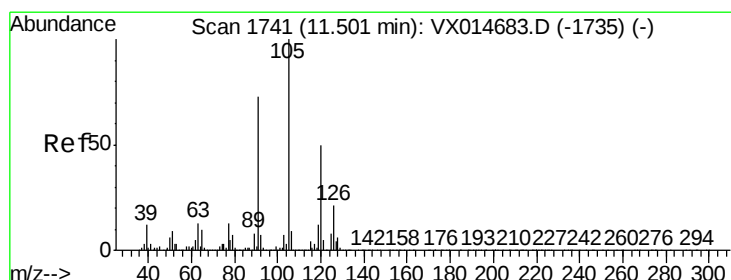
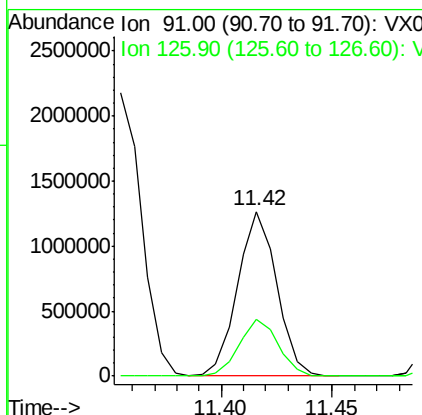
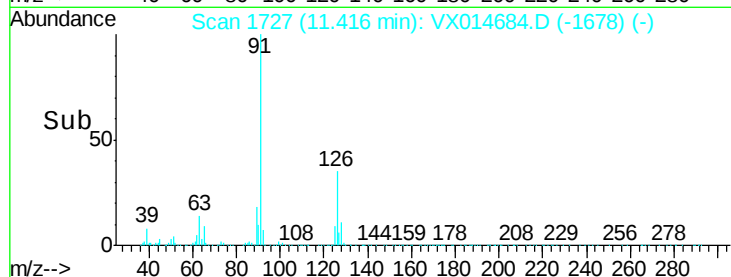
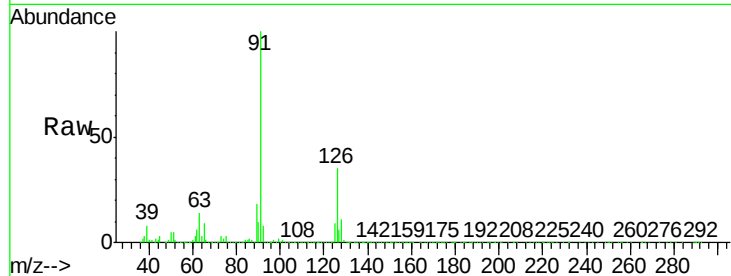
#79
 2-Chlorotoluene
 Concen: 98.838 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1546621
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.9

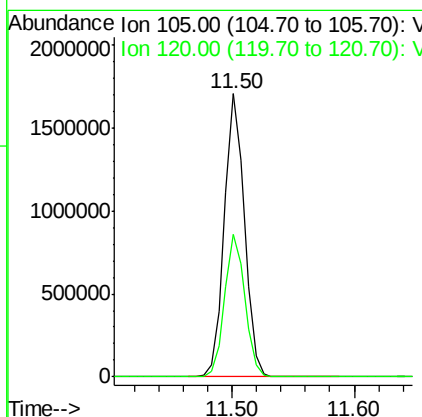
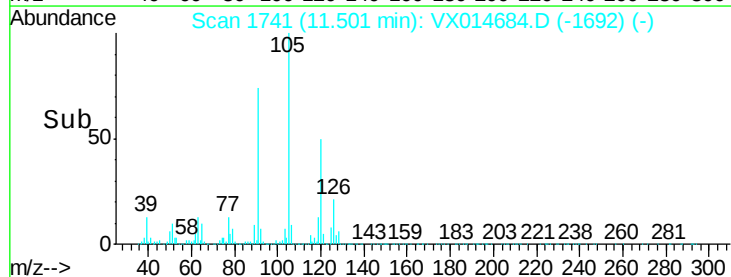
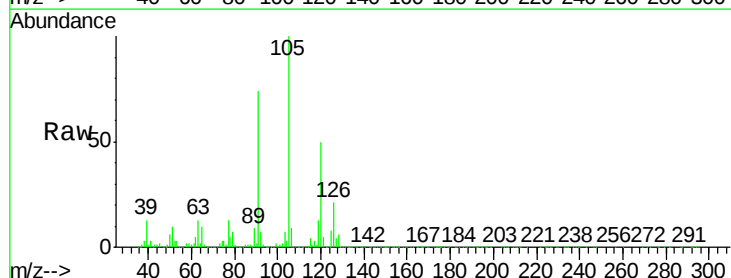
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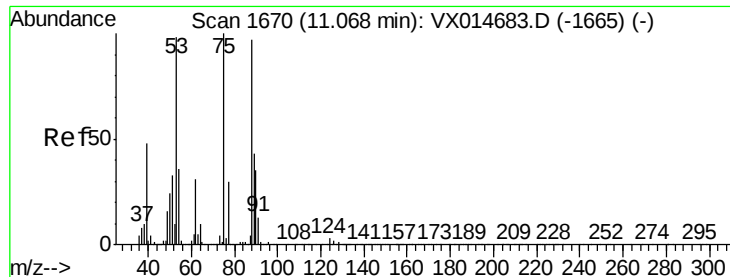
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#80
 1,3,5-Trimethylbenzene
 Concen: 101.759 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Tgt Ion: 105 Resp: 1936844
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.6





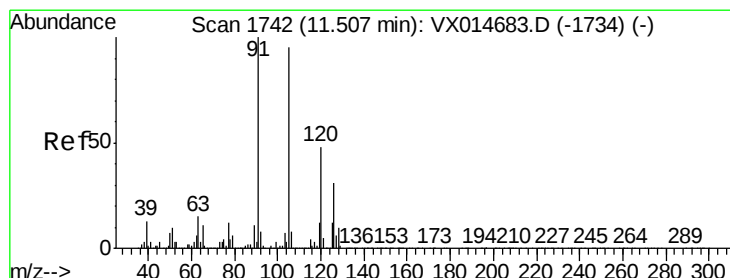
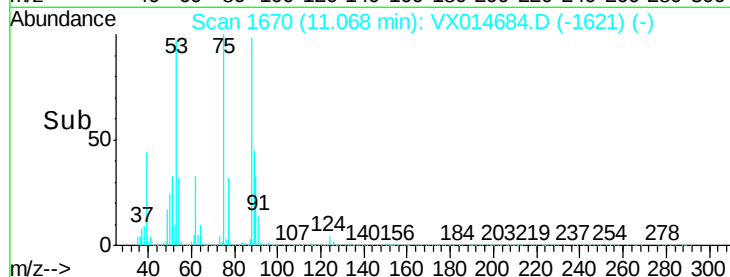
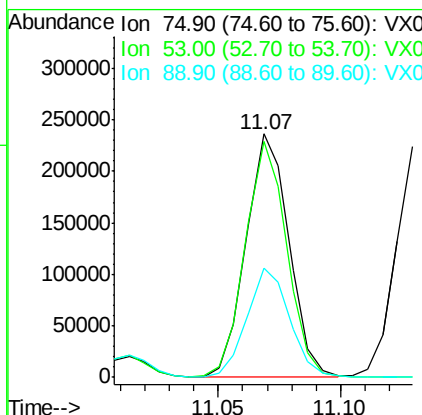
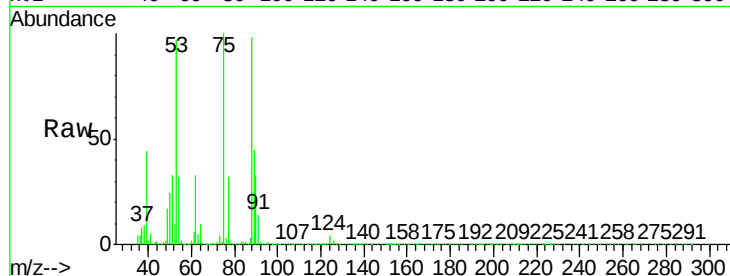
#81
trans-1,4-Dichloro-2-butene
Concen: 113.361 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.5	78.8	118.2
89	45.2	35.4	53.0

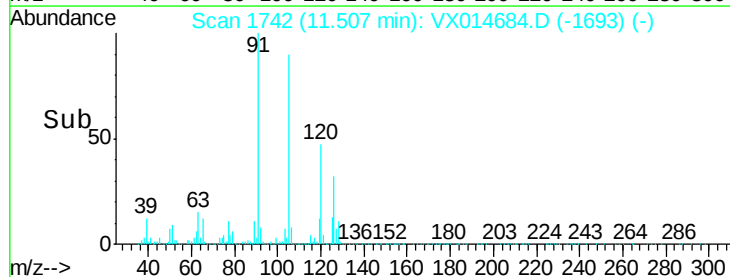
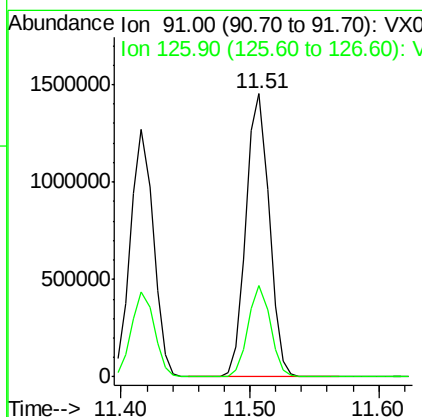
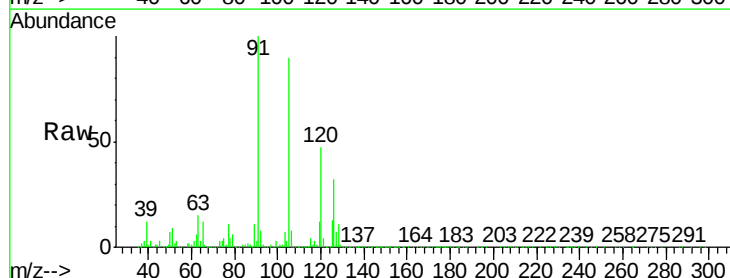
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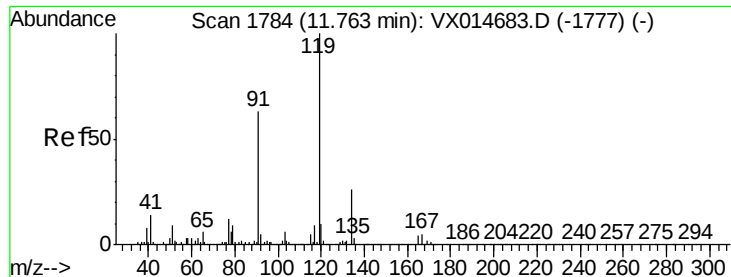
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#82
4-Chlorotoluene
Concen: 98.288 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





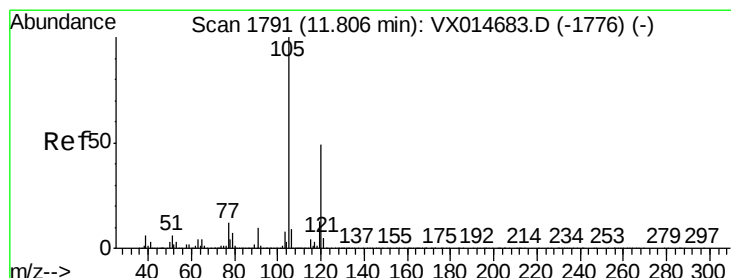
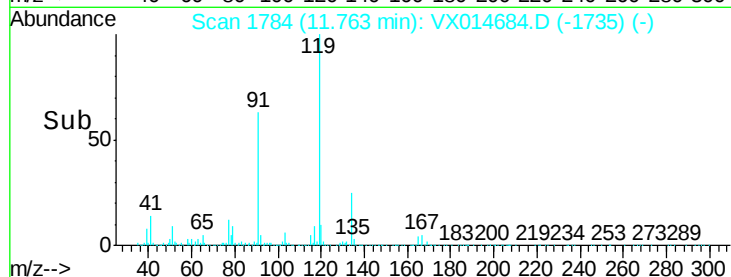
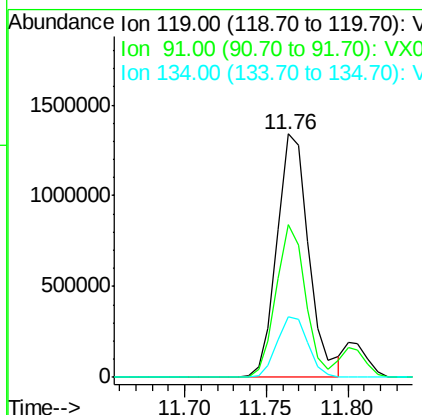
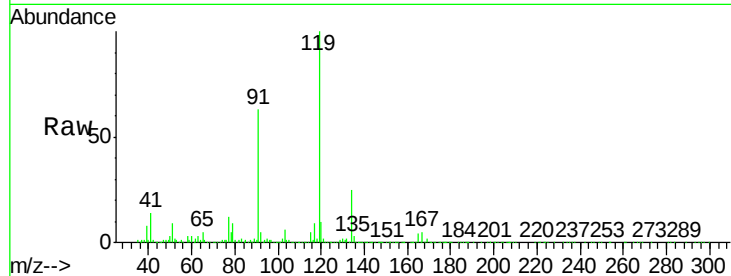
#83
tert-Butylbenzene
Concen: 102.102 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	30.0	90.0
134	24.3	12.7	38.0

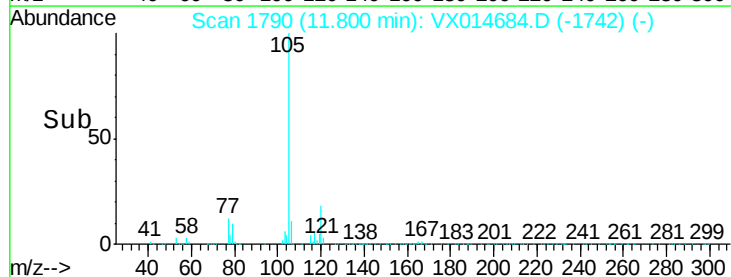
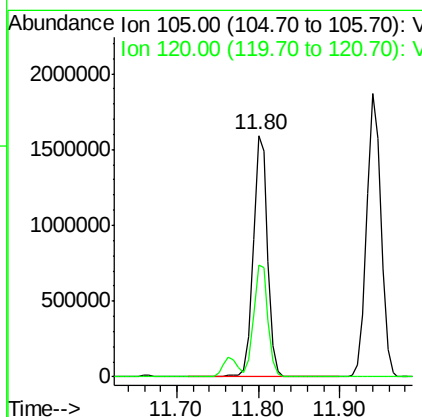
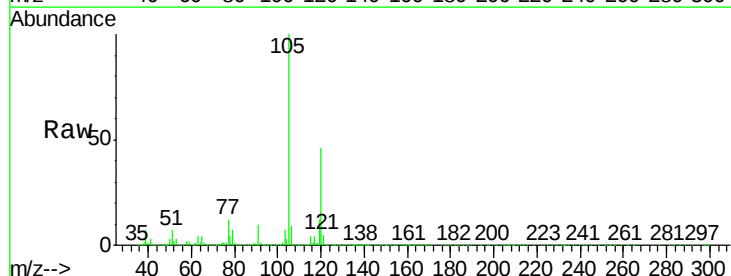
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#84
1,2,4-Trimethylbenzene
Concen: 101.634 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 99.678 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2223674

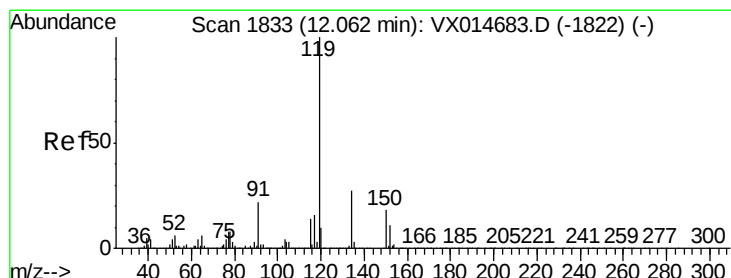
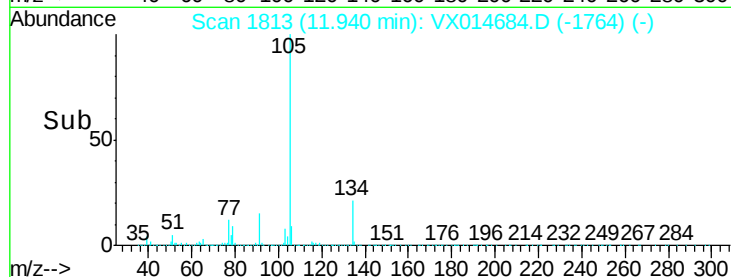
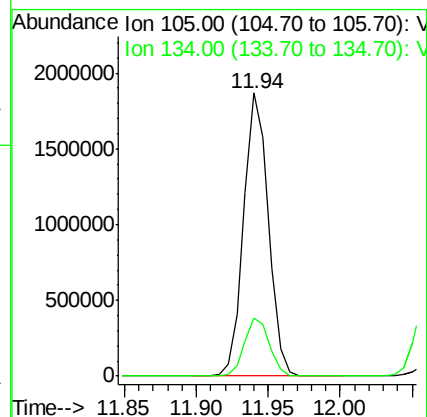
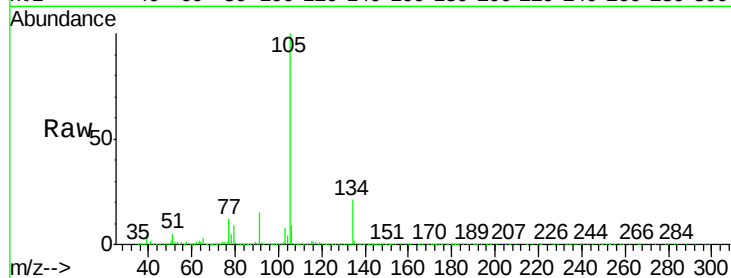
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

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1/24/2020 1:39:12 PM



#86

p-Isopropyltoluene

Concen: 100.640 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

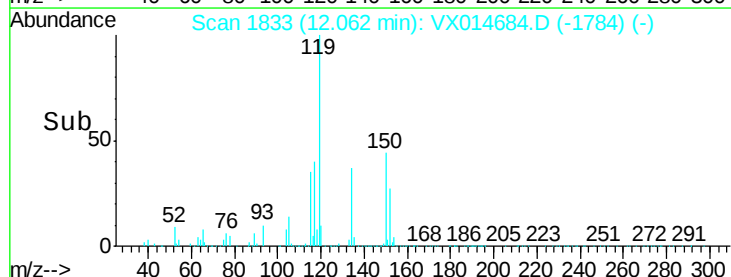
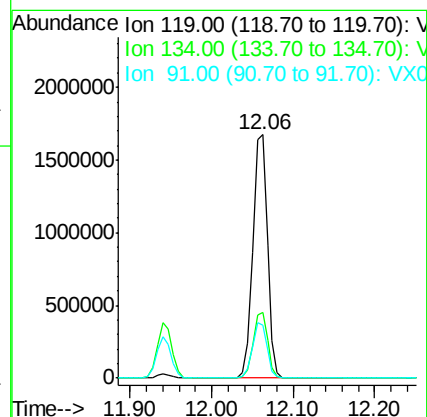
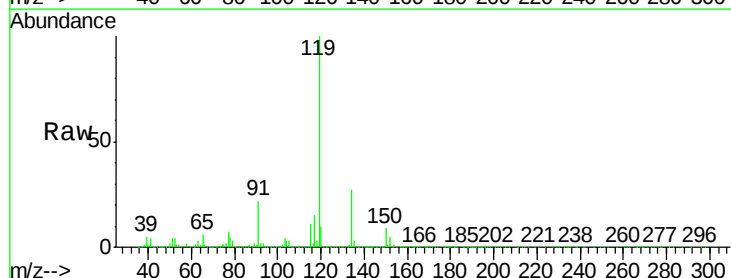
Tgt Ion:119 Resp: 2079468

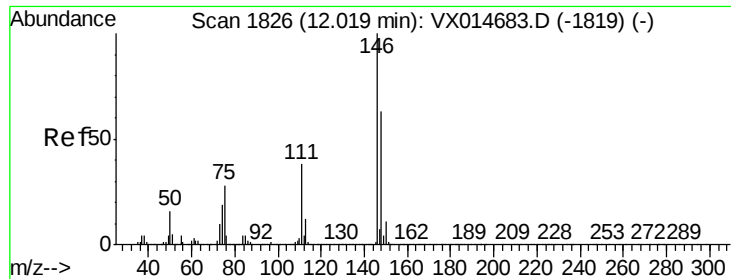
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 95.038 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

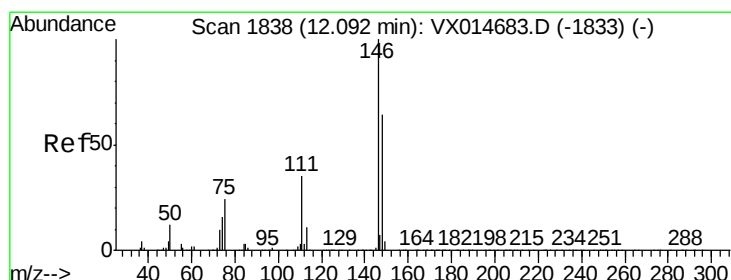
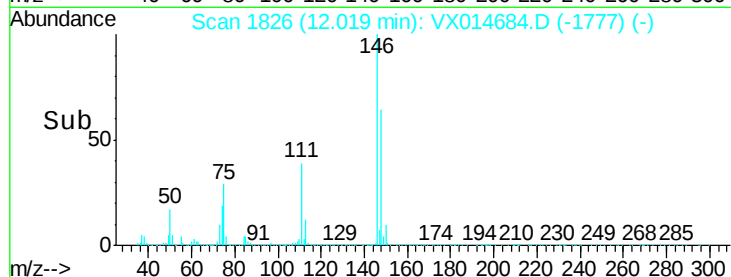
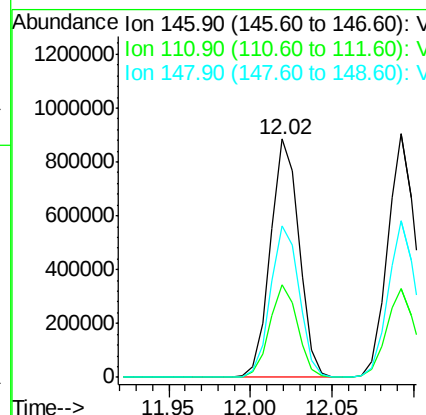
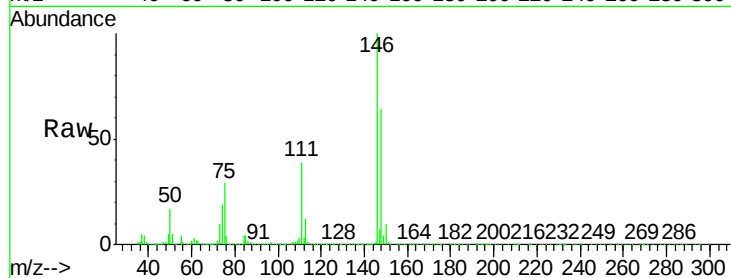
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:146 Resp: 1078569

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.8	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 92.809 ug/l

RT: 12.09 min Scan# 1838

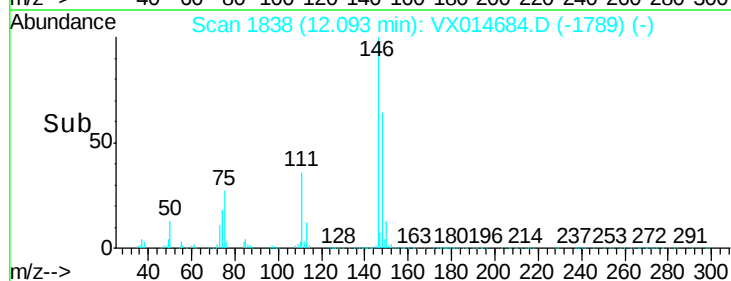
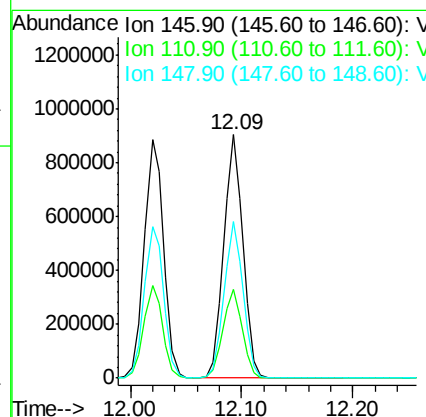
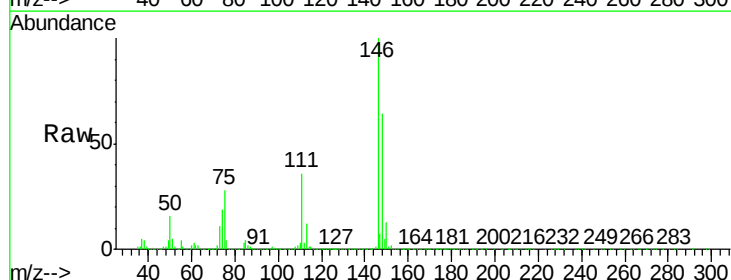
Delta R.T. 0.00 min

Lab File: VX014684.D

Acq: 22 Jan 2020 11:50

Tgt Ion:146 Resp: 1076766

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.8	32.0	96.2





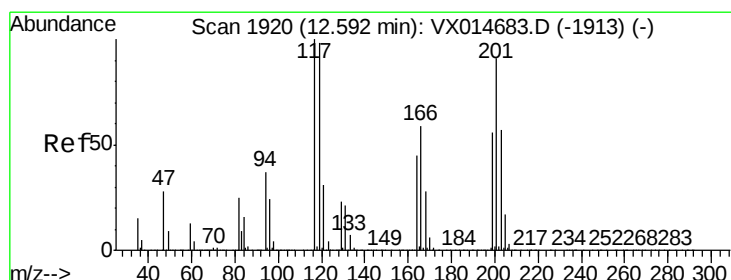
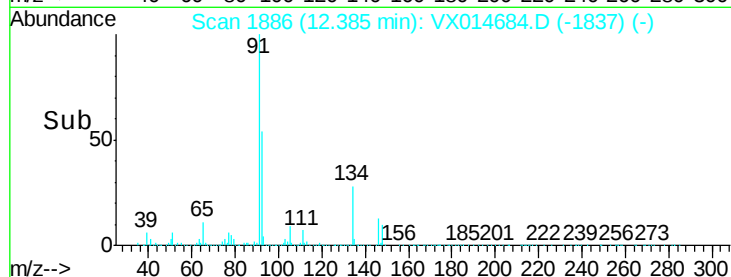
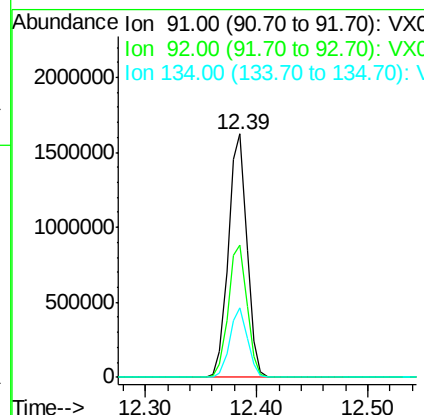
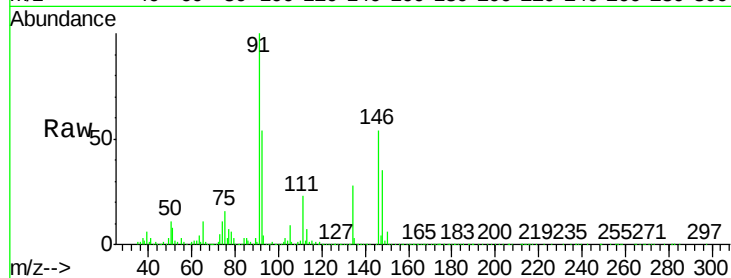
#89
n-Butylbenzene
Concen: 99.606 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 1874050
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.7
134 27.3 13.3 39.8

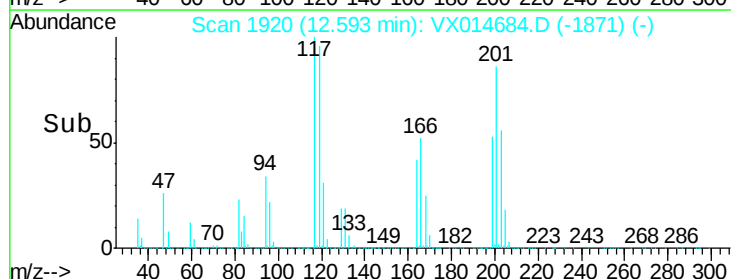
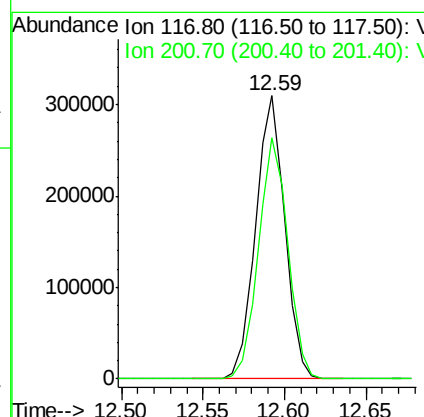
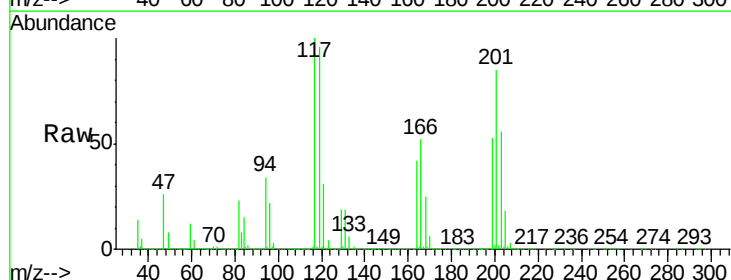
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#90
Hexachloroethane
Concen: 106.329 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion: 117 Resp: 385249
Ion Ratio Lower Upper
117 100
201 86.0 44.4 133.1





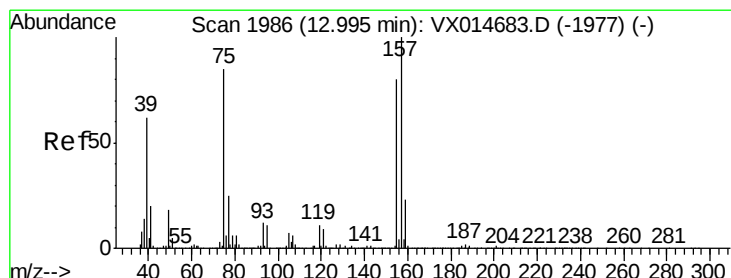
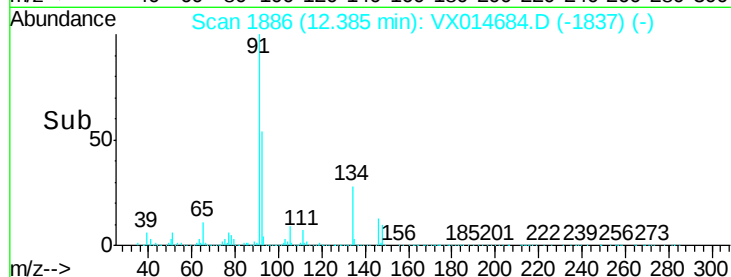
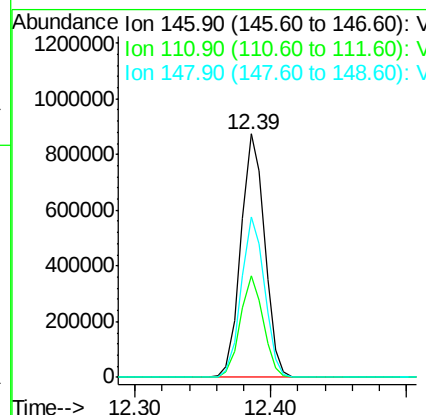
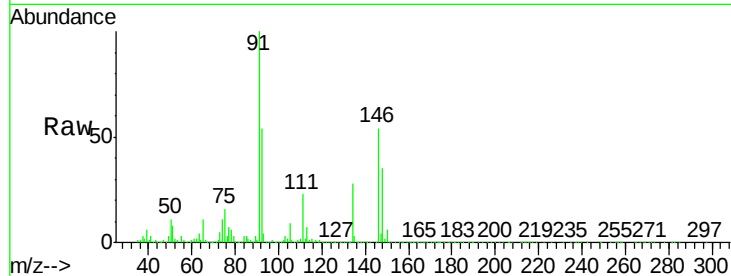
#91
 1,2-Dichlorobenzene
 Concen: 95.382 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.8
148	64.8	31.9	95.9

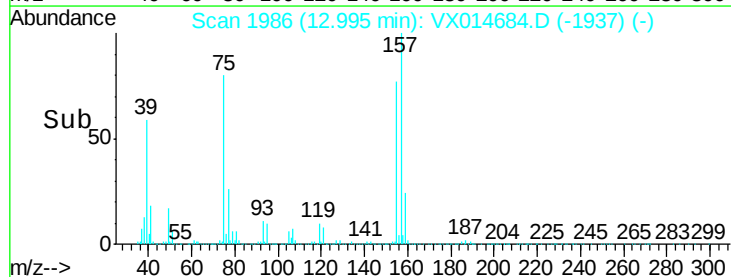
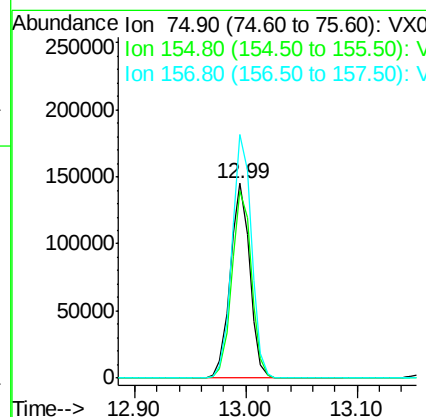
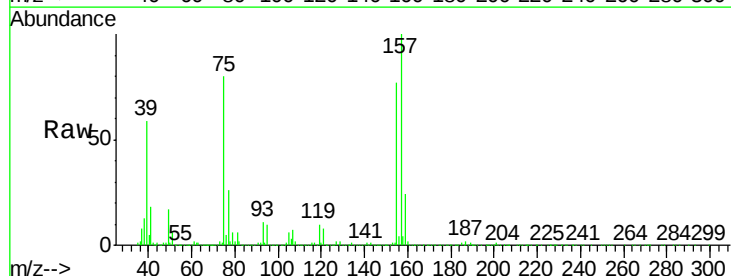
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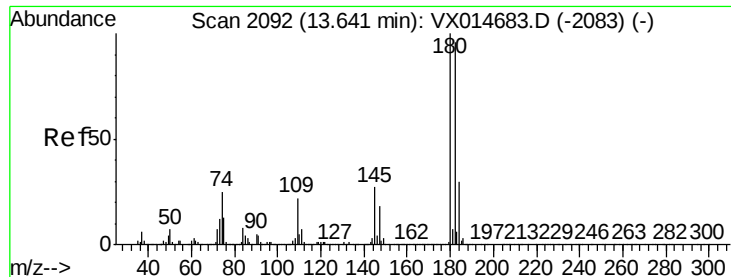
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.751 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	45.6	136.9
157	125.4	60.3	180.9





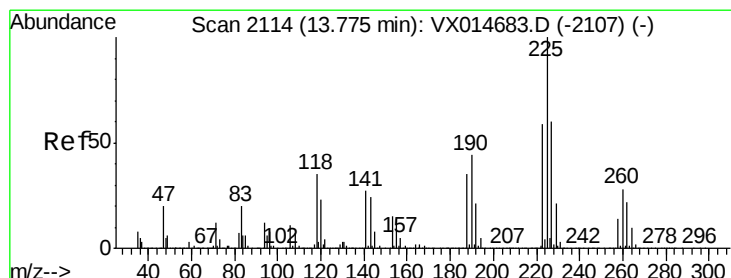
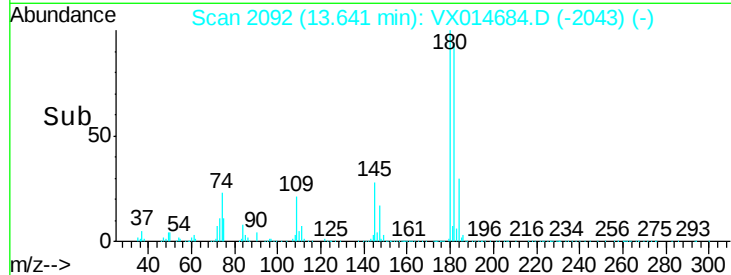
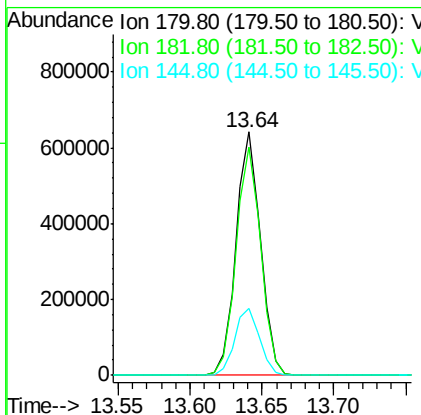
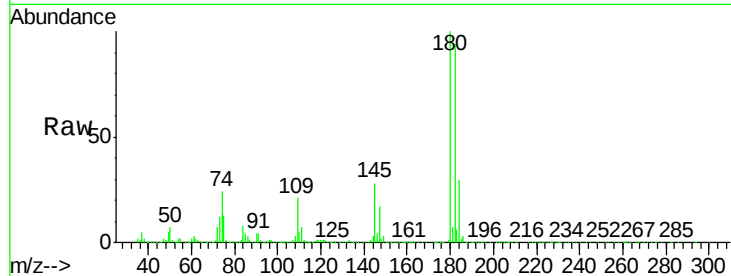
#93
 1,2,4-Trichlorobenzene
 Concen: 90.320 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	758620		
182	94.8	48.5	145.6	
145	28.3	14.0	41.9	

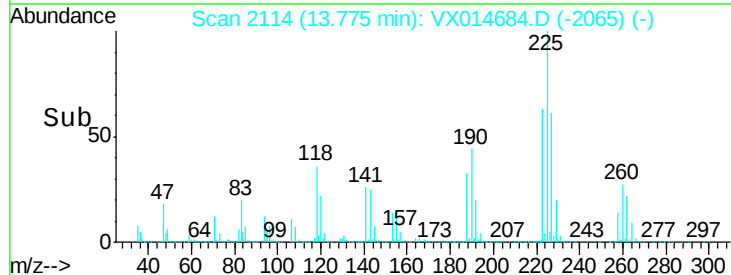
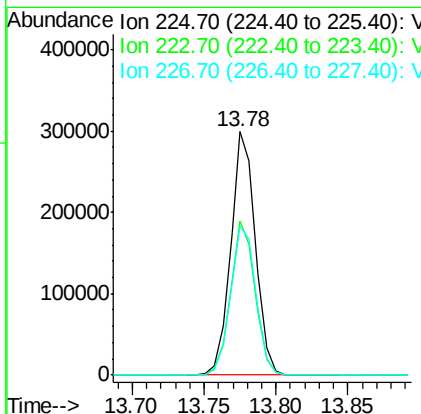
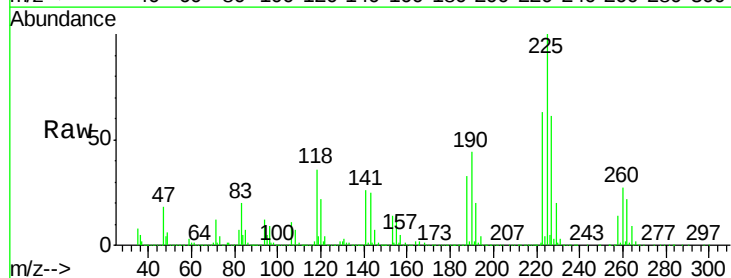
Manual Integrations
 APPROVED

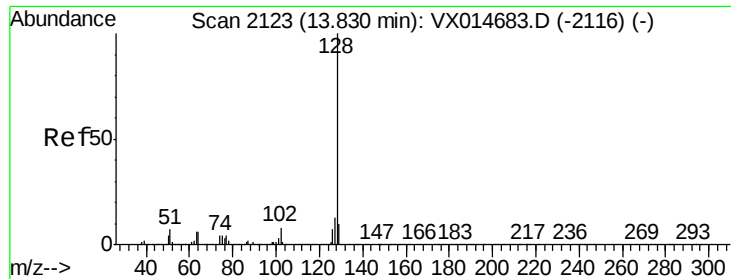
MMDadoda
 1/24/2020 1:39:12 PM



#94
 Hexachlorobutadiene
 Concen: 90.422 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014684.D
 Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	357387		
223	63.0	30.6	91.8	
227	63.1	31.4	94.0	





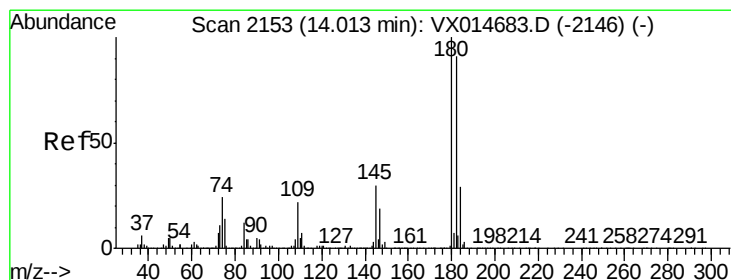
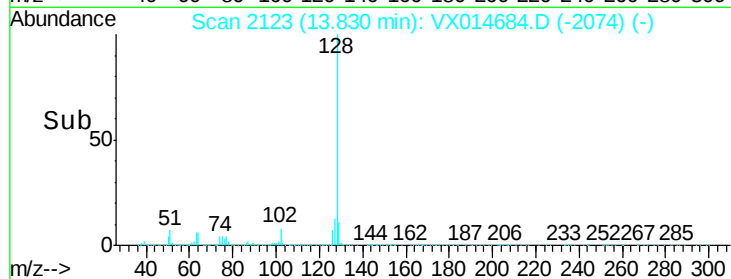
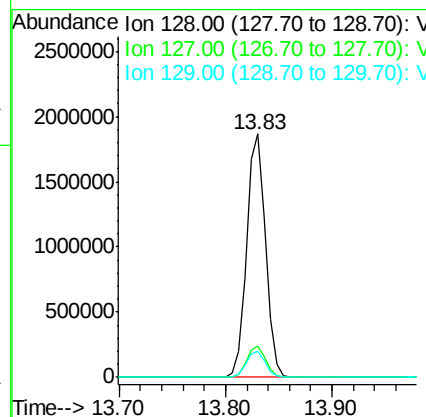
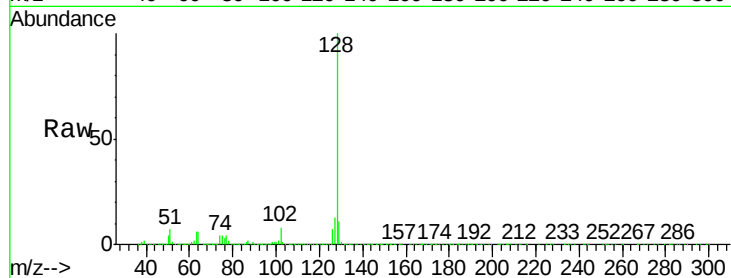
#95
Naphthalene
Concen: 96.673 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 89.778 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014684.D
Acq: 22 Jan 2020 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.6	139.7
145	30.5	14.7	44.1

